



# Sun Java System Web Server 7.0 Update 3 CLI Reference Manual



Sun Microsystems, Inc.  
4150 Network Circle  
Santa Clara, CA 95054  
U.S.A.

Part No: 820-4842  
June 2008

Copyright 2008 Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 U.S.A. All rights reserved.

Sun Microsystems, Inc. has intellectual property rights relating to technology embodied in the product that is described in this document. In particular, and without limitation, these intellectual property rights may include one or more U.S. patents or pending patent applications in the U.S. and in other countries.

U.S. Government Rights – Commercial software. Government users are subject to the Sun Microsystems, Inc. standard license agreement and applicable provisions of the FAR and its supplements.

This distribution may include materials developed by third parties.

Parts of the product may be derived from Berkeley BSD systems, licensed from the University of California. UNIX is a registered trademark in the U.S. and other countries, exclusively licensed through X/Open Company, Ltd.

Sun, Sun Microsystems, the Sun logo, the Solaris logo, the Java Coffee Cup logo, docs.sun.com, Java, and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. or its subsidiaries in the U.S. and other countries. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc.

The OPEN LOOK and Sun™ Graphical User Interface was developed by Sun Microsystems, Inc. for its users and licensees. Sun acknowledges the pioneering efforts of Xerox in researching and developing the concept of visual or graphical user interfaces for the computer industry. Sun holds a non-exclusive license from Xerox to the Xerox Graphical User Interface, which license also covers Sun's licensees who implement OPEN LOOK GUIs and otherwise comply with Sun's written license agreements.

Products covered by and information contained in this publication are controlled by U.S. Export Control laws and may be subject to the export or import laws in other countries. Nuclear, missile, chemical or biological weapons or nuclear maritime end uses or end users, whether direct or indirect, are strictly prohibited. Export or reexport to countries subject to U.S. embargo or to entities identified on U.S. export exclusion lists, including, but not limited to, the denied persons and specially designated nationals lists is strictly prohibited.

DOCUMENTATION IS PROVIDED "AS IS" AND ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT SUCH DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

---

Copyright 2008 Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 U.S.A. Tous droits réservés.

Sun Microsystems, Inc. détient les droits de propriété intellectuelle relatifs à la technologie incorporée dans le produit qui est décrit dans ce document. En particulier, et ce sans limitation, ces droits de propriété intellectuelle peuvent inclure un ou plusieurs brevets américains ou des applications de brevet en attente aux Etats-Unis et dans d'autres pays.

Cette distribution peut comprendre des composants développés par des tierces personnes.

Certains composants de ce produit peuvent être dérivées du logiciel Berkeley BSD, licenciés par l'Université de Californie. UNIX est une marque déposée aux Etats-Unis et dans d'autres pays; elle est licenciée exclusivement par X/Open Company, Ltd.

Sun, Sun Microsystems, le logo Sun, le logo Solaris, le logo Java Coffee Cup, docs.sun.com, Java et Solaris sont des marques de fabrique ou des marques déposées de Sun Microsystems, Inc., ou ses filiales, aux Etats-Unis et dans d'autres pays. Toutes les marques SPARC sont utilisées sous licence et sont des marques de fabrique ou des marques déposées de SPARC International, Inc. aux Etats-Unis et dans d'autres pays. Les produits portant les marques SPARC sont basés sur une architecture développée par Sun Microsystems, Inc.

L'interface d'utilisation graphique OPEN LOOK et Sun a été développée par Sun Microsystems, Inc. pour ses utilisateurs et licenciés. Sun reconnaît les efforts de pionniers de Xerox pour la recherche et le développement du concept des interfaces d'utilisation visuelle ou graphique pour l'industrie de l'informatique. Sun détient une licence non exclusive de Xerox sur l'interface d'utilisation graphique Xerox, cette licence couvrant également les licenciés de Sun qui mettent en place l'interface d'utilisation graphique OPEN LOOK et qui, en outre, se conforment aux licences écrites de Sun.

Les produits qui font l'objet de cette publication et les informations qu'il contient sont régis par la législation américaine en matière de contrôle des exportations et peuvent être soumis au droit d'autres pays dans le domaine des exportations et importations. Les utilisations finales, ou utilisateurs finaux, pour des armes nucléaires, des missiles, des armes chimiques ou biologiques ou pour le nucléaire maritime, directement ou indirectement, sont strictement interdites. Les exportations ou réexportations vers des pays sous embargo des Etats-Unis, ou vers des entités figurant sur les listes d'exclusion d'exportation américaines, y compris, mais de manière non exclusive, la liste de personnes qui font objet d'un ordre de ne pas participer, d'une façon directe ou indirecte, aux exportations des produits ou des services qui sont régis par la législation américaine en matière de contrôle des exportations et la liste de ressortissants spécifiquement désignés, sont rigoureusement interdites.

LA DOCUMENTATION EST FOURNIE "EN L'ETAT" ET TOUTES AUTRES CONDITIONS, DECLARATIONS ET GARANTIES EXPRESSES OU TACITES SONT FORMELLEMENT EXCLUES, DANS LA MESURE AUTORISEE PAR LA LOI APPLICABLE, Y COMPRIS NOTAMMENT TOUTE GARANTIE IMPLICITE RELATIVE A LA QUALITE MARCHANDE, A L'APTITUDE A UNE UTILISATION PARTICULIERE OU A L'ABSENCE DE CONTREFACON.

# Contents

---

<b>Preface</b> .....	13
<b>User Commands</b> .....	21
add-documents(1) .....	22
add-webapp(1) .....	24
block-reverse-proxy-header(1) .....	26
copy-config(1) .....	27
copy-virtual-server(1) .....	28
create-authdb(1) .....	29
create-authdb-userprop(1) .....	31
create-auth-realm(1) .....	33
create-auth-realm-userprop(1) .....	35
create-cert-request(1) .....	36
create-cgi-dir(1) .....	39
create-cgi-envvar(1) .....	41
create-config(1) .....	42
create-custom-resource(1) .....	44
create-custom-resource-userprop(1) .....	46
create-dav-collection(1) .....	47
create-document-dir(1) .....	50
create-event(1) .....	51
create-external-jndi-resource(1) .....	53
create-external-jndi-resource-userprop(1) .....	55
create-fastcgi-handler(1) .....	56
create-file-authdb(1) .....	61
create-group(1) .....	63
create-group-member(1) .....	65
create-http-listener(1) .....	66

create-instance(1) .....	68
create-jdbc-resource(1) .....	69
create-jdbc-resource-userprop(1) .....	71
create-jvm-options(1) .....	73
create-jvm-profiler(1) .....	75
create-ldap-authdb(1) .....	76
create-lifecycle-module(1) .....	78
create-lifecycle-module-userprop(1) .....	80
create-mail-resource(1) .....	81
create-mail-resource-userprop(1) .....	83
create-mime-type(1) .....	84
create-pam-authdb(1) .....	86
create-reverse-proxy(1) .....	87
create-search-collection(1) .....	89
create-search-event(1) .....	91
create-selfsigned-cert(1) .....	93
create-soap-auth-provider(1) .....	95
create-soap-auth-provider-userprop(1) .....	98
create-url-redirect(1) .....	99
create-user(1) .....	101
create-variable(1) .....	103
create-virtual-server(1) .....	104
delete-acl(1) .....	106
delete-authdb(1) .....	107
delete-authdb-userprop(1) .....	108
delete-auth-realm(1) .....	109
delete-auth-realm-userprop(1) .....	110
delete-cert(1) .....	111
delete-cgi-dir(1) .....	112
delete-cgi-envvar(1) .....	113
delete-config(1) .....	114
delete-crl(1) .....	115
delete-custom-resource(1) .....	116
delete-custom-resource-userprop(1) .....	117
delete-dav-collection(1) .....	118
delete-document-dir(1) .....	119

---

delete-error-page(1) .....	120
delete-event(1) .....	121
delete-external-jndi-resource(1) .....	123
delete-external-jndi-resource-userprop(1) .....	124
delete-fastcgi-handler(1) .....	125
delete-group(1) .....	127
delete-group-member(1) .....	128
delete-home-page(1) .....	129
delete-http-listener(1) .....	130
delete-instance(1) .....	131
delete-jdbc-resource(1) .....	132
delete-jdbc-resource-userprop(1) .....	133
delete-jvm-options(1) .....	134
delete-jvm-profiler(1) .....	136
delete-lifecycle-module(1) .....	137
delete-lifecycle-module-userprop(1) .....	138
delete-mail-resource(1) .....	139
delete-mail-resource-userprop(1) .....	140
delete-mime-type(1) .....	141
delete-reverse-proxy(1) .....	142
delete-search-collection(1) .....	143
delete-search-event(1) .....	144
delete-soap-auth-provider(1) .....	146
delete-soap-auth-provider-userprop(1) .....	147
delete-url-redirect(1) .....	148
delete-user(1) .....	149
delete-variable(1) .....	150
delete-virtual-server(1) .....	151
deploy-config(1) .....	152
disable-access-log(1) .....	154
disable-admin-ldap-auth(1) .....	155
disable-cgi-file-type(1) .....	156
disable-ciphers(1) .....	157
disable-dav-collection(1) .....	158
disable-directory-listing(1) .....	159
disable-document-footer(1) .....	160

disable-event(1) .....	161
disable-htaccess(1) .....	163
disable-java(1) .....	164
disable-on-demand-compression(1) .....	165
disable-p3p(1) .....	166
disable-parsed-html(1) .....	167
disable-perfdump(1) .....	168
disable-precompressed-content(1) .....	169
disable-request-limits(1) .....	170
disable-search-event(1) .....	171
disable-secretkey-restriction(1) .....	173
disable-single-signon(1) .....	174
disable-snmp(1) .....	175
disable-stats-xml(1) .....	176
disable-unix-homedir(1) .....	177
disable-webapp(1) .....	178
disable-webdav(1) .....	179
enable-access-log(1) .....	180
enable-admin-ldap-auth(1) .....	181
enable-cgi-file-type(1) .....	183
enable-ciphers(1) .....	185
enable-dav-collection(1) .....	186
enable-directory-listing(1) .....	187
enable-document-footer(1) .....	189
enable-event(1) .....	191
enable-htaccess(1) .....	193
enable-java(1) .....	194
enable-on-demand-compression(1) .....	195
enable-p3p(1) .....	197
enable-parsed-html(1) .....	198
enable-perfdump(1) .....	200
enable-precompressed-content(1) .....	201
enable-request-limits(1) .....	203
enable-search-event(1) .....	205
enable-secretkey-restriction(1) .....	207
enable-single-signon(1) .....	208

---

enable-snmp(1) .....	209
enable-stats-xml(1) .....	210
enable-unix-homedir(1) .....	211
enable-webapp(1) .....	213
enable-webdav(1) .....	214
expire-lock(1) .....	215
forward-reverse-proxy-header(1) .....	216
get-access-log(1) .....	218
get-access-log-buffer-prop(1) .....	220
get-access-log-prop(1) .....	222
get-acl(1) .....	224
get-acl-cache-prop(1) .....	225
get-admin-ldap-auth-prop(1) .....	226
get-admin-prop(1) .....	228
get-authdb-prop(1) .....	230
get-auth-realm-prop(1) .....	232
get-cache-control-directives(1) .....	233
get-cert-prop(1) .....	235
get-cgi-file-type-prop(1) .....	237
get-cgi-prop(1) .....	238
get-config-file(1) .....	240
get-config-prop(1) .....	241
get-config-stats(1) .....	243
get-crl-prop(1) .....	244
get-custom-resource-prop(1) .....	245
get-dav-collection-prop(1) .....	247
get-default-content-type(1) .....	249
get-directory-listing-prop(1) .....	250
get-dns-cache-prop(1) .....	251
get-dns-prop(1) .....	252
get-document-footer-prop(1) .....	253
get-error-page(1) .....	254
get-external-jndi-resource-prop(1) .....	255
get-fastcgi-handler-prop(1) .....	257
get-file-cache-prop(1) .....	260
get-home-page(1) .....	262

---

get-htaccess-prop(1) .....	263
get-http-listener-prop(1) .....	264
get-http-prop(1) .....	266
get-index-files(1) .....	268
get-jdbc-resource-prop(1) .....	269
get-jvm-profiler-prop(1) .....	271
get-jvm-prop(1) .....	272
get-keep-alive-prop(1) .....	274
get-lifecycle-module-prop(1) .....	276
get-localization-prop(1) .....	278
get-log(1) .....	279
get-log-prop(1) .....	281
get-mail-resource-prop(1) .....	283
get-on-demand-compression-prop(1) .....	284
get-p3p-prop(1) .....	286
get-parsed-html-prop(1) .....	287
get-perfdump(1) .....	288
get-perfdump-prop(1) .....	289
get-pkcs11-prop(1) .....	290
get-precompressed-content-prop(1) .....	291
get-qos-limits-prop(1) .....	293
get-qos-prop(1) .....	294
get-request-limits-prop(1) .....	295
get-reverse-proxy-prop(1) .....	297
get-search-collection-prop(1) .....	300
get-search-prop(1) .....	302
get-secretkey-restriction-prop(1) .....	303
get-servlet-container-prop(1) .....	304
get-servlet-stats(1) .....	306
get-session-replication-prop(1) .....	307
get-single-signon-prop(1) .....	309
get-snmp-prop(1) .....	310
get-soap-auth-provider-prop(1) .....	312
get-ssl-prop(1) .....	314
get-ssl-session-cache-prop(1) .....	316
get-stats-prop(1) .....	317

---

get-stats-xml(1) .....	318
get-stats-xml-prop(1) .....	319
get-symlinks-prop(1) .....	320
get-thread-pool-prop(1) .....	322
get-unix-homedir-prop(1) .....	324
get-url-redirect-prop(1) .....	325
get-user-prop(1) .....	327
get-virtual-server-prop(1) .....	329
get-virtual-server-stats(1) .....	331
get-webapp-stats(1) .....	332
get-webdav-prop(1) .....	333
help(1) .....	335
install-cert(1) .....	340
install-crl(1) .....	342
list-acls(1) .....	343
list-authdbs(1) .....	344
list-authdb-userprops(1) .....	345
list-auth-realms(1) .....	346
list-auth-realm-userprops(1) .....	347
list-certs(1) .....	348
list-cgi-dirs(1) .....	349
list-cgi-envvars(1) .....	350
list-ciphers(1) .....	351
list-config-files(1) .....	353
list-configs(1) .....	354
list-crls(1) .....	355
list-custom-resources(1) .....	356
list-custom-resource-userprops(1) .....	357
list-dav-collections(1) .....	358
list-document-dirs(1) .....	359
list-error-pages(1) .....	360
list-events(1) .....	361
list-external-jndi-resources(1) .....	362
list-external-jndi-resource-userprops(1) .....	363
list-fastcgi-handlers(1) .....	364
list-group-members(1) .....	365

list-groups(1) .....	366
list-http-listeners(1) .....	367
list-instances(1) .....	368
list-jdbc-resources(1) .....	369
list-jdbc-resource-userprops(1) .....	370
list-jvm-options(1) .....	371
list-jvm-profilers(1) .....	372
list-lifecycle-modules(1) .....	373
list-lifecycle-module-userprops(1) .....	374
list-locks(1) .....	375
list-mail-resources(1) .....	376
list-mail-resource-userprops(1) .....	377
list-mime-types(1) .....	378
list-nodes(1) .....	379
list-org-units(1) .....	380
list-reverse-proxy-headers(1) .....	381
list-reverse-proxy-uris(1) .....	382
list-search-collections(1) .....	383
list-search-events(1) .....	384
list-soap-auth-providers(1) .....	385
list-soap-auth-provider-userprops(1) .....	386
list-tokens(1) .....	387
list-uri-patterns(1) .....	388
list-url-redirects(1) .....	389
list-users(1) .....	390
list-variables(1) .....	391
list-virtual-servers(1) .....	392
list-webapps(1) .....	393
migrate-jks-keycert(1) .....	394
migrate-server(1) .....	396
pull-config(1) .....	398
reconfig-instance(1) .....	399
register-node(1) .....	400
reindex-search-collection(1) .....	401
remove-documents(1) .....	402
remove-node(1) .....	403

---

remove-webapp(1) .....	404
renew-admin-certs(1) .....	405
restart-admin(1) .....	406
restart-instance(1) .....	407
rotate-log(1) .....	408
set-access-log-buffer-prop(1) .....	409
set-acl(1) .....	411
set-acl-cache-prop(1) .....	412
set-admin-prop(1) .....	413
set-authdb-prop(1) .....	415
set-auth-realm-prop(1) .....	417
set-cache-control-directives(1) .....	418
set-cert-trust-prop(1) .....	420
set-cgi-prop(1) .....	422
set-config-file(1) .....	424
set-config-prop(1) .....	425
set-custom-resource-prop(1) .....	427
set-dav-collection-prop(1) .....	429
set-default-content-type(1) .....	431
set-dns-cache-prop(1) .....	432
set-dns-prop(1) .....	433
set-error-page(1) .....	434
set-external-jndi-resource-prop(1) .....	435
set-fastcgi-handler-prop(1) .....	437
set-file-cache-prop(1) .....	440
set-home-page(1) .....	442
set-http-listener-prop(1) .....	443
set-http-prop(1) .....	445
set-index-files(1) .....	447
set-jdbc-resource-prop(1) .....	448
set-jvm-profiler-prop(1) .....	450
set-jvm-prop(1) .....	451
set-keep-alive-prop(1) .....	453
set-lifecycle-module-prop(1) .....	455
set-localization-prop(1) .....	457
set-log-prop(1) .....	458

set-mail-resource-prop(1) .....	460
set-pkcs11-prop(1) .....	461
set-qos-limits-prop(1) .....	462
set-qos-prop(1) .....	463
set-request-limits-prop(1) .....	464
set-reverse-proxy-prop(1) .....	466
set-search-collection-prop(1) .....	469
set-search-prop(1) .....	471
set-servlet-container-prop(1) .....	472
set-session-replication-prop(1) .....	474
set-soap-auth-provider-prop(1) .....	476
set-ssl-prop(1) .....	478
set-ssl-session-cache-prop(1) .....	480
set-stats-prop(1) .....	482
set-symlinks-prop(1) .....	483
set-thread-pool-prop(1) .....	485
set-token-pin(1) .....	487
set-token-prop(1) .....	488
set-user-prop(1) .....	490
set-virtual-server-prop(1) .....	492
set-webdav-prop(1) .....	494
start-instance(1) .....	496
start-snmp-master-agent(1) .....	497
start-snmp-subagent(1) .....	499
stop-admin(1) .....	500
stop-instance(1) .....	501
stop-snmp-master-agent(1) .....	502
stop-snmp-subagent(1) .....	503
<b>Index</b> .....	<b>505</b>

# Preface

---

The Sun Java™ System Web Server man pages describe the Sun Java System Web Server command line interface (CLI). The administration commands allow you to administer the Web Server through the CLI.

## Who Should Use This Book

This book is intended for Web Server administrators. This book assumes you are familiar with the following topics:

- Installing software
- Performing basic system administration tasks
- Issuing commands in a terminal window

## Before You Read This Book

Web Server can be installed as a stand-alone product or as a component of Sun Java Enterprise System (Java ES), a software infrastructure that supports enterprise applications distributed across a network or Internet environment. If you are installing Web Server as a component of Java ES, you should be familiar with the system documentation at <http://docs.sun.com/coll/1286.2>.

## Web Server Documentation Set

The Web Server documentation set describes how to install and administer the Web Server. The URL for Web Server documentation is <http://docs.sun.com/coll/1653.1>. For an introduction to Web Server, refer to the books in the order in which they are listed in the following table.

TABLE P-1 Books in the Web Server Documentation Set

Documentation Title	Contents
<i>Sun Java System Web Server 7.0 Update 1 Documentation Center</i>	Web Server documentation topics organized by tasks and subject
<i>Sun Java System Web Server 7.0 Update 1 Release Notes</i>	<ul style="list-style-type: none"> <li>■ Late-breaking information about the software and documentation</li> <li>■ Supported platforms and patch requirements for installing Web Server</li> </ul>
<i>Sun Java System Web Server 7.0 Update 1 Installation and Migration Guide</i>	<p>Performing installation and migration tasks:</p> <ul style="list-style-type: none"> <li>■ Installing Web Server and its various components</li> <li>■ Migrating data from Sun ONE Web Server 6.0 or 6.1 to Sun Java System Web Server 7.0</li> </ul>
<i>Sun Java System Web Server 7.0 Update 1 Administrator's Guide</i>	<p>Performing the following administration tasks:</p> <ul style="list-style-type: none"> <li>■ Using the Administration and command-line interfaces</li> <li>■ Configuring server preferences</li> <li>■ Using server instances</li> <li>■ Monitoring and logging server activity</li> <li>■ Using certificates and public key cryptography to secure the server</li> <li>■ Configuring access control to secure the server</li> <li>■ Using Java Platform, Enterprise Edition (J2EE) security features</li> <li>■ Deploying applications</li> <li>■ Managing virtual servers</li> <li>■ Defining server workload and sizing the system to meet performance needs</li> <li>■ Searching the contents and attributes of server documents, and creating a text search interface</li> <li>■ Configuring the server for content compression</li> <li>■ Configuring the server for web publishing and content authoring using WebDAV</li> </ul>
<i>Sun Java System Web Server 7.0 Update 1 Developer's Guide</i>	<p>Using programming technologies and APIs to do the following:</p> <ul style="list-style-type: none"> <li>■ Extend and modify Sun Java System Web Server</li> <li>■ Dynamically generate content in response to client requests and modify the content of the server</li> </ul>
<i>Sun Java System Web Server 7.0 Update 1 NSAPI Developer's Guide</i>	Creating custom Netscape Server Application Programmer's Interface (NSAPI) plug-ins

TABLE P-1 Books in the Web Server Documentation Set (Continued)

Documentation Title	Contents
<i>Sun Java System Web Server 7.0 Update 1 Developer's Guide to Java Web Applications</i>	Implementing Java Servlets and JavaServer Pages™ (JSP™) technology in Sun Java System Web Server
<i>Sun Java System Web Server 7.0 Update 1 Administrator's Configuration File Reference</i>	Editing configuration files
<i>Sun Java System Web Server 7.0 Update 1 Performance Tuning, Sizing, and Scaling Guide</i>	Tuning Sun Java System Web Server to optimize performance
<i>Sun Java System Web Server 7.0 Update 1 Troubleshooting Guide</i>	Troubleshooting Web Server

## Related Books

The URL for all documentation about Sun Java Enterprise System (Java ES) and its components is <http://docs.sun.com/app/docs/prod/entsys.06q4>.

## Default Paths and File Names

The following table describes the default paths and file names that are used in this book.

TABLE P-2 Default Paths and File Names

Placeholder	HeaderDescription	HeaderDefault Value
<i>install_dir</i>	Represents the base installation directory for Web Server.	<p>Sun Java Enterprise System (Java ES) installations on the Solaris™ platform:</p> <p><code>/opt/SUNWwbsvr7</code></p> <p>Java ES installations on the Linux platform:</p> <p><code>/opt/sun/webserver/</code></p> <p>Other Solaris and Linux installations, non-root user:</p> <p><i>user's home directory</i>/<code>sun/webserver7</code></p> <p>Other Solaris and Linux installations, root user:</p> <p><code>/sun/webserver7</code></p> <p>Java ES installations on the Windows platform:</p> <p><code>SystemDrive:\ProgramFiles\JavaES\WebServer7</code></p> <p>Windows, all installations:</p> <p><code>SystemDrive:\Sun\WebServer7</code></p>
<i>instance_dir</i>	Represents the directory for a server instance	<p>The default location for instances on Solaris is <code>/var/opt/SUNWwbsvr7</code>.</p> <p>The default location for instances on Linux and HP-UX is <code>/var/opt/sun/webserver7</code>.</p> <p>The default location for instance on Windows is <code>c:\Program Files\sun\WebServer7</code></p> <p>For Java ES installations, the default location for instance on Windows is <code>c:\Program Files\JavaES5\WebServer7</code></p>

## Typographic Conventions

The following table describes the typographic changes that are used in this book.

TABLE P-3 Typographic Conventions

Typeface	Meaning	Example
AaBbCc123	The names of commands, files, and directories, and onscreen computer output	<p>Edit your <code>.login</code> file.</p> <p>Use <code>ls -a</code> to list all files.</p> <p><code>machine_name%</code> you have mail.</p>

TABLE P-3 Typographic Conventions (Continued)

Typeface	Meaning	Example
<b>AaBbCc123</b>	What you type, contrasted with onscreen computer output	machine_name% <b>su</b> Password:
<i>AaBbCc123</i>	A placeholder to be replaced with a real name or value	The command to remove a file is <i>rm filename</i> .
<i>AaBbCc123</i>	Book titles, new terms, and terms to be emphasized (note that some emphasized items appear bold online)	Read Chapter 6 in the <i>User's Guide</i> . A <i>cache</i> is a copy that is stored locally. Do <i>not</i> save the file.

## Symbol Conventions

The following table explains symbols that might be used in this book.

TABLE P-4 Symbol Conventions

Symbol	Description	Example	Meaning
[ ]	Contains optional arguments and command options.	ls [-l]	The -l option is not required.
{   }	Contains a set of choices for a required command option.	-d {y n}	The -d option requires that you use either the y argument or the n argument.
\${ }	Indicates a variable reference.	\${com.sun.javaRoot}	References the value of the com.sun.javaRoot variable.
—	Joins simultaneous multiple keystrokes.	Control-A	Press the Control key while you press the A key.
+	Joins consecutive multiple keystrokes.	Ctrl+A+N	Press the Control key, release it, and then press the subsequent keys.
—>	Indicates menu item selection in a graphical user interface.	File → New → Templates	From the File menu, choose New. From the New submenu, choose Templates.

## Accessing Sun Resources Online

The <http://docs.sun.com> web site enables you to access Sun technical documentation online. You can browse the docs.sun.com archive or search for a specific book title or subject. Books are available as online files in PDF and HTML formats. Both formats are readable by assistive technologies for users with disabilities.

To access the following Sun resources, go to <http://www.sun.com>:

- Downloads of Sun products
- Services and solutions
- Support (including patches and updates)
- Training
- Research
- Communities (for example, Sun Developer Network)

## Searching Sun Product Documentation

Besides searching Sun product documentation from the <http://docs.sun.com> web site, you can use a search engine by typing the following syntax in the search field:

```
search-term site:docs.sun.com
```

For example, to search for “Web Server”, type the following:

```
Web Server site:docs.sun.com
```

To include other Sun web sites in your search (for example, <http://java.sun.com>, <http://www.sun.com>, and <http://developers.sun.com>), use “sun.com” in place of “docs.sun.com” in the search field.

## Third-Party Web Site References

Third-party URLs are referenced in this document and provide additional, related information.

---

**Note** – Sun is not responsible for the availability of third-party web sites mentioned in this document. Sun does not endorse and is not responsible or liable for any content, advertising, products, or other materials that are available on or through such sites or resources. Sun will not be responsible or liable for any actual or alleged damage or loss caused or alleged to be caused by or in connection with use of or reliance on any such content, goods, or services that are available on or through such sites or resources.

---

## Sun Welcomes Your Comments

Sun is interested in improving its documentation and welcomes your comments and suggestions. To share your comments, go to <http://docs.sun.com> and click Send Comments. In the online form, provide the full document title and part number. The part number is a 7-digit or 9-digit number that can be found on the book's title page or in the document's URL. For example, the part number of this book is 820–1063.



REFERENCE

User Commands

**Name** add-documents – adds search documents

**Synopsis** add-documents <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--encoding|-g *encoding*] [--no-subdirs|-S] [--pattern|-P *pattern* --config|-c *config-name*] [--vs|-s *vs-name* --collection|-O *name*]

**Description** Use this command to add search documents. Web Server includes a search feature that allows users to search documents on the server and display results on a Web page. You can create an index of documents against which users can run the search operations. You can also customize the search interface to meet the user requirements.

Web Server supports multiple document search. You can index documents with different formats such as HTML, ASCII, and PDF. Search is enabled for a virtual server by enabling the search application included in the server.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--encoding -g	Specify the character encoding for the documents to be indexed. The default is ISO-8859-1. The indexing engine tries to determine the encoding of HTML documents from the embedded meta tag.
--no-subdirs -S	If you specify this option, sub directories of the document root will not be searched.
--pattern -P	Specify the wild card pattern of the documents that have to be added.
--config -c	Specify the name of the configuration for which you want to add the search documents.
--vs -s	Specify the name of the virtual server.
--collection -O	Specify the name of the collection.

**Examples** wadm add-documents --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null

```
--config=config1 --vs=vs --pattern=*.html --collection=searchcoll
```

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [remove-documents\(1\)](#), [create-search-collection\(1\)](#), [set-search-collection-prop\(1\)](#), [delete-search-collection\(1\)](#), [list-search-collections\(1\)](#), [get-search-collection-prop\(1\)](#), [reindex-search-collection\(1\)](#)

**Name** add-webapp – adds a web application

**Synopsis** add-webapp <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--description|-D *text*] [--precompile-jsp|-j] [--file-on-server|-f] [--no-enabled|-n] [--directory|-d *deploy\_to\_directory*] --config|-c *config-name* --vs|-s *vs-name* --uri|-r *context-root warfile*

**Description** Use this command to add a web application. A web application is a collection of Java Servlets, JSPs, HTML pages, and other resources. All these resources are stored in a directory, and all requests to the directory run the application.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--description -D	Enter a description of the new web application.
--precompile-jsp -j	If you specify this option, JSPs will be precompiled into classes during deployment. This improves performance.
--file-on-server -f	If you specify this option, path to the WAR (Web Application Archive) file must be the absolute path on the administration server.
--no-enabled -n	Specify this option to disable the web application at runtime.
--directory -d	Specify the name of the target directory for deploying the web application.
--config -c	Specify the name of the configuration for which you want to add the web application.
--vs -s	Specify the name of the virtual server where you want to deploy the web application.
--uri -r	Specify the URI for your web application. This will be the application context root and is relative to the server host.

**Operands** *warfile* Specify the name of the WAR file.

**Examples** `wadm add-webapp --user=admin --password-file=./admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--accept-cert --config=config1 --vs=vs --uri=/newapp webapps-simple.war`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-webapp\(1\)](#), [disable-webapp\(1\)](#), [list-webapps\(1\)](#), [remove-webapp\(1\)](#)

**Name** block-reverse-proxy-header – blocks a reverse proxy header

**Synopsis** block-reverse-proxy-header <connect\_options> [-e|-E] [-q] [-v] --config|-c *config-name* --vs|-s *vs-name* --uri-prefix|-r *uri-prefix* (*param*)

**Description** Use this command to block a reverse proxy parameter. The parameters that you can block are jroute, ip, via, cipher, proxy-agent, proxy-auth, keysize, secret-keysize, ssl-id, issuer-dn, user-dn, and auth-cert.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--uri-prefix -r	Specify the URI prefix of the reverse proxy.

**Operands** *param* Specify the name of the header parameter that you want to block.

**Examples** wadm block-reverse-proxy-header --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs1 --uri-prefix=/reverse jroute

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [forward-reverse-proxy-header\(1\)](#), [list-reverse-proxy-headers\(1\)](#)

**Name** `copy-config` – creates a copy of an existing configuration

**Synopsis** `copy-config <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name copy-name`

**Description** Use this command to create a copy of an existing configuration. The newly copied configuration is identical to the existing configuration. However, the new configuration will not have any instances even though the configuration from which it has been copied has instances.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration that needs to be copied.

**Operands** `copy-name` Specify the name of the configuration that you want to create.

**Examples** `wadm copy-config --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 copyconfig1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-config\(1\)](#), [delete-config\(1\)](#), [list-configs\(1\)](#), [deploy-config\(1\)](#), [pull-config\(1\)](#)

**Name** `copy-virtual-server` – creates a copy of an existing virtual server

**Synopsis** `copy-virtual-server <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name --vs|-s vs-name source-virtual-server-name new-virtual-server-name`

**Description** Use this command to create a copy of an existing virtual server.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the source virtual server.

**Operands** *new-virtual-server-name* Specify the name of the virtual server that you want to create.

**Examples** `wadm copy-virtual-server --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs copiedVs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-virtual-server\(1\)](#), [set-virtual-server-prop\(1\)](#), [delete-virtual-server\(1\)](#), [get-virtual-server-prop\(1\)](#), [list-virtual-servers\(1\)](#)

**Name** create-authdb – creates a new authentication database

**Synopsis** create-authdb <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--vs|-s *vs-name*] [--no-enabled|-n]  
 --config|-c *config-name* --url|-r *url* *authdb-name*

**Description** Use this command to create a new authentication database. Authentication database enables you to select a database, which the server will use to authenticate users. Web Server supports the use of file, PAM, and LDAP based authentication databases.

- file — This database stores user and group information in flat files.
- PAM — This database is the native authentication database supported by Sun Java System Web Server 7.0. This authentication database is supported only on the Solaris platform.
- LDAP — This database is any directory server including Sun Java System Directory Server.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server. If you specify this option, the authentication database is created at the virtual server level instead of the configuration level.
--no-enabled -n	If you specify this option, the authentication database is disabled at runtime.
--config -c	Specify the name of the configuration for which you want to create the authentication database.
--url -r	Specify the URL of the authentication database. The type of authentication database is specified in the URL scheme. For example, ldap://ds.example.com/dc=example,dc=com configures an LDAP directory server as an authentication database.

**Operands** *authdb-name* Specify the name of the authentication database that you want to create.

**Examples** `wadm create-authdb --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1  
--url=ldap://ldapserver.com:20002/dc=xxx,dc=sun,dc=com LDAP1`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#),  
[set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [list-authdbs\(1\)](#),  
[create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

**Name** create-authdb-userprop – creates the authentication database user properties

**Synopsis** create-authdb-userprop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--description|-D *text*] [--vs|-s *vs-name*] [--encode|-d *boolean*] --config|-c *config-name* --authdb|-a *name* (*propertyname=value*)+

**Description** Use this command to create the authentication database user properties.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--description -D	Enter a description of the authentication database user property.
--encode -d	If you set this option to true, the property value is encoded and stored in the configuration files.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--config -c	Specify the name of the configuration for which you want to create the authentication database properties.
--authdb -a	Specify the name of the authentication database.

**Operands** *propertyname=value* Specify the name and value of the database user property that you want to create.

**Examples** wadm create-authdb-userprop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --authdb=LDAP1 info=authdbusrprop

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [list-authdbs\(1\)](#), [delete-authdb\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

- Name** create-auth-realm – creates a new authentication realm
- Synopsis** create-auth-realm <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* [--class|-C=*name*] --type|-t *file/ldap/pam/native/certificate* *realm-name*
- Description** Use this command to create a new authentication realm. The J2EE based security model provides for security realms that identify and authenticate users. The authentication process verifies users through an underlying realm, also known as a security domain. A realm consists of a set of users, optional group mappings, and authentication logic that validates the requests.
- Once an authentication request is validated by a configured realm and the security context established, the identity is applied to all subsequent authorization decisions, unless overruled by a run-as condition. A server instance may have any number of configured realms.
- Options** For connect\_options description, see [help\(1\)](#).
- echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
  - no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.
  - verbose|-v Specify this option to display a verbose output.
  - type|-t Specify the name of a built-in authentication realm type. The type can be file, ldap, pam, native or certificate.
  - class|-C Specify the class for custom realm.
- Note** – The type and class options are mutually exclusive.
- config|-c Specify the name of the configuration for which you want to create the authentication realm.
- Operands** *realm-name* Specify the name of the authentication realm that you want to create.
- Examples** wadm create-auth-realm --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --class=javax.security.auth.realm basic
- Exit Status** The following exit values are returned:
- 0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [set-auth-realm-prop\(1\)](#), [delete-auth-realm\(1\)](#), [get-auth-realm-prop\(1\)](#),  
[list-auth-realms\(1\)](#), [create-auth-realm-userprop\(1\)](#), [delete-auth-realm-userprop\(1\)](#),  
[list-auth-realm-userprops\(1\)](#)

**Name** create-auth-realm-userprop – creates authentication realm user properties

**Synopsis** create-auth-realm-userprop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--description|-D *text*]  
 [--config|-c *config-name* --realm|-L *name* (*propertyname=value*)+

**Description** Use this command to create the authentication realm user properties.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--description -D	Enter a description of the authentication realm user property.
--config -c	Specify the name of the configuration for which you want to create the authentication realm user property.
--realm -L	Specify the name of the authentication realm.

**Operands** *propertyname=value* Specify the name and value of the authentication realm user property that you want to create.

**Examples** wadm create-auth-realm-userprop --user=admin  
 --password-file=./admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1  
 --realm=basic info=authrealm

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [delete-auth-realm-userprop\(1\)](#), [list-auth-realm-userprops\(1\)](#), [create-auth-realm\(1\)](#), [delete-auth-realm\(1\)](#), [get-auth-realm-prop\(1\)](#), [set-auth-realm-prop\(1\)](#), [list-auth-realms\(1\)](#)

**Name** create-cert-request – creates a certificate request

**Synopsis** create-cert-request <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--org-unit|-o *unit*] [--locality|-l *place*]  
[--state|-a *name*] [--org|-g *org*]  
[--country|-y *name*] [--token-pin|-P *name*]  
[--key-type|-k (*rsa|ecc*)] [--key-size|-z *size*]  
[--curve|-r *curvename*] [--alt-server-name|-A *dns-name*]  
--config|-c *config-name* --token|-t *name*  
--server-name|-s *name*

**Description** Use this command to create a new certificate request. A certificate consists of digital data that specifies the name of an individual, company, or other entity and certifies that the public key included in the certificate belongs to that entity. Both clients and servers can have certificates.

A certificate is issued and digitally signed by a Certificate Authority (CA). The CA can be a company that sells certificates over the Internet, or it can be a department responsible for issuing certificates for your company's intranet or extranet. You decide which CAs you trust enough to serve as verifiers of other user's identities. In Sun Java System Web Server, Administration Server and each server instance can have its own trust database.

**Options** For connect\_options description, see [help\(1\)](#).

- |                |   |
|----------------|---|
| --echo -e      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.  |
| --verbose -v   | Specify this option to display a verbose output.  |
| --key-type -k  | Specify the type of the certificate key. The key types can be <i>rsa</i> or <i>ecc</i> , where <ul style="list-style-type: none"><li>▪ <i>rsa</i> is an internet encryption and authentication system using public and private keys.</li><li>▪ <i>ecc</i> (Elliptic Curve Cryptography) is a public key encryption technique. It is based on the elliptic curve theory that enables security with smaller key sizes. This results in faster computations, lower power consumption, as well as memory and bandwidth savings.</li></ul> |

---

<code>--key-size -z</code>	Specify the size of the certificate key. This option is applicable if you choose the key-type as <code>rsa</code> . The key size can be 1024, 2048 or 4098.
<code>--curve -r</code>	Specify the name of the curve. This option is applicable if you choose the key-type as <code>ecc</code> .
<code>--token-pin -P</code>	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the <code>token-pin</code> in the password file.
<code>--org -g</code>	Specify the name of your organization, company, or educational institution.
<code>--org-unit -o</code>	Enter a description of an organizational unit within your company.
<code>--locality -l</code>	Enter a description of the city, principality, or country of the organization.
<code>--state -a</code>	Specify the state or province where your organization is located.
<code>--country -y</code>	Specify a two-character abbreviation of your country's name (in ISO format). For example, the country code for the United States is <code>US</code> .
<code>--config -c</code>	Specify the name of the configuration for which you want create the certificate.
<code>--token -t</code>	Specify the token (cryptographic device) name, which contains the encrypted public key.
<code>--server-name -s</code>	Specify the host name of the server for which you are requesting a certificate from the Certificate Authority (CA).
<code>--alt-server-name -A</code>	(This option is deprecated. A list of domain names can be added in the server name, separated by commas.) Specify the domain names of the host provided in the <code>server-name</code> option.

**Examples** `wadm create-cert-request --user=admin --host=serverhost --port=8989 --ssl=true --prompt=false --rcfile=null --password-file=certdb.newpasswd --org=sun --country=IN --locality=abc certreq --config=config1 --token=internal --server-name=config1.org --alt-server-name=config2.org`

**Exit Status** The following exit values are returned:

0            command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [install-cert\(1\)](#), [list-certs\(1\)](#), [delete-cert\(1\)](#), [get-cert-prop\(1\)](#)

**Name** create-cgi-dir – creates a CGI directory

**Synopsis** create-cgi-dir <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--shell-cgi|-S *boolean*] --config|-c *config-name*  
 --vs|-s *vs-name* --uri-prefix|-r *uri-prefix*  
 --directory|-d *dir*

**Description** Use this command to create a common gateway interface (CGI) directory that will contain the CGI programs. CGI programs are in file type .cgi, .exe, or .bat.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--shell-cgi -S	Specify this option if the CGI directory will have shell CGI programs.
--uri-prefix -r	Specify the URI prefix to use for the CGI directory. This prefix appears as the directory for the CGI programs in the URL.
--directory -d	Specify the path of the directory that contains the CGI programs.
--config -c	Specify the name of the configuration for which you want to create the CGI directory.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.

**Examples** wadm create-cgi-dir --user=admin --password-file=../admin.pwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 --vs=vs1 --uri-prefix=/config1\_urlprefix  
 --directory=../cgi-dir

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [delete-cgi-dir\(1\)](#), [list-cgi-dirs\(1\)](#), [set-cgi-prop\(1\)](#), [get-cgi-prop\(1\)](#)

**Name** create-cgi-envvar – creates CGI environment variables

**Synopsis** create-cgi-envvar <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --description|-D *text* --config|-c *config-name* (*varname=value*)+

**Description** Use this command to create a common gateway interface (CGI) environment variable.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--description -D	Enter a description of the new CGI environment variable.
--config -c	Specify the name of the configuration for which you want to create the CGI environment variables.

**Operands** *varname=value* Specify the name and value of the CGI environment variable that you want to create.

**Examples** wadm create-cgi-envvar --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 timeout=10 idle-timeout=10 cgistub-path=../lib/Cgistub cgistub-idle-timeout=10 min-cgistubs=10 max-cgistubs=20 nice=1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [delete-cgi-envvar\(1\)](#), [list-cgi-envvars\(1\)](#), [create-cgi-dir\(1\)](#), [set-cgi-prop\(1\)](#), [delete-cgi-dir\(1\)](#), [list-cgi-dirs\(1\)](#)

**Name** create-config – creates a new configuration

**Synopsis** create-config <connect\_options>[`--echo|-e`] [`--no-prompt|-Q`]  
[`--verbose|-v`] [`--document-root|-d serverdocroot`]  
[`--jdk-home|-j JAVA_HOME`] [`--server-user|-r userid`]  
[`--ip|-I ip`] [`--platform|-m 32|64`]  
`--http-port|-t port` `--server-name|-s servername`  
*config-name*

**Description** Use this command to create a new configuration. A configuration is a set of files and virtual servers that determine the data that Web Server serves. This command creates the new server configuration at *install\_dir/admin-server/config-store*.

**Caution** – Do not edit any file under the `config-store` directory. The files under this directory are created by Sun Java System Web Server for internal use.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--document-root -d</code>	Specify the path where all content such as HTML pages, images, and web applications are available. The default value is <code>../docs</code> .
<code>--jdk-home -j</code>	Specify the path of the Java Development Kit (JDK) home.
<code>--ip -I</code>	Specify the IP for the default listener.
<code>--platform -m</code>	Specify the platform type that you want to install. The value can be 32 or 64. The default value is 32.
<code>--server-user -r</code>	Specify the user ID of a server user. For example, <i>root</i> . This option is mandatory if the administration server is on UNIX.
<code>--http-port -t</code>	Specify the port for the default listener.
<code>--server-name -s</code>	Specify the host name of the server.

**Operands** *config-name* Specify the name of the configuration you want to create.

**Examples** `wadm create-config --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--platform=32 --http-port=18022 --document-root=../docs  
--jdk-home=jdk_home --server-user=user  
--server-name=config1.com config1`

**Exit Status** The following exit values are returned:

0           command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [delete-config\(1\)](#), [list-configs\(1\)](#), [deploy-config\(1\)](#), [copy-config\(1\)](#), [pull-config\(1\)](#)

**Name** create-custom-resource – creates a custom resource

**Synopsis** create-custom-resource <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--no-enabled|-n] --res-type|-r *type* --factory-class|-f *name* --config|-c *config-name jndi-name*

**Description** Use this command to create a custom resource. A custom resource accesses a local Java Naming and Directory Interface (JNDI) repository. The custom-resource element defined in server.xml enables you to specify a custom server-wide resource object factory. Such object factories implement the javax.naming.spi.ObjectFactory interface. The custom-resource element associates a JNDI name (specified through the jndi-name subelement) to be used in the server-wide namespace, its type, name of the resource factory class and a set of standard properties used to instantiate the same.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--no-enabled -n	Specify this option to disable the custom resource at runtime.
--res-type -r	Specify the type of custom resource you want create.
--factory-class -f	Specify the class that instantiates the custom resource you create. The value of this option is the name of a user-written factory class that implements javax.naming.spi.ObjectFactory.
--config -c	Specify the name of the configuration for which you want to create a custom resource.

**Operands** *jndi-name* Specify the JNDI name of the custom resource you want to create.

**Examples** wadm create-custom-resource --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --res-type=samples.jndi.customResource.MyBean --factory-class=samples.jndi.cus-res.MyCustomConnectionFactory custom

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [delete-custom-resource-userprop\(1\)](#), [list-custom-resource-userprops\(1\)](#), [set-custom-resource-prop\(1\)](#), [delete-custom-resource\(1\)](#), [list-custom-resources\(1\)](#), [get-custom-resource-prop\(1\)](#)

- Name** create-custom-resource-userprop – creates a custom resource user property
- Synopsis** create-custom-resource-userprop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--description|-D *text*] [--config|-c *config-name* --jndi-name|-j *resourcename* (*propertyname=value*)+
- Description** Use this command to create custom resource user properties. A custom resource accesses a local Java Naming and Directory Interface (JNDI) repository.
- Options** For connect\_options description, see [help\(1\)](#).
- echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.
- verbose|-v Specify this option to display a verbose output.
- description|-D Enter a description of the custom resource user property.
- config|-c Specify the name of the configuration for which you want to create the custom resource user property.
- jndi-name|-j Specify the JNDI name of the custom resource.
- Operands** *propertyname=value* Specify the name and value of the custom resource user property that you want to create.
- Examples** wadm create-custom-resource-userprop --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --jndi-name=custom info=cust\_res
- Exit Status** The following exit values are returned:
- 0 command executed successfully
- >0 error in executing the command
- See Also** [help\(1\)](#), [create-custom-resource\(1\)](#), [set-custom-resource-prop\(1\)](#), [delete-custom-resource\(1\)](#), [list-custom-resources\(1\)](#), [get-custom-resource-prop\(1\)](#), [delete-custom-resource-userprop\(1\)](#), [list-custom-resource-userprops\(1\)](#)

**Name** create-dav-collection – creates DAV collections

**Synopsis** create-dav-collection <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--provider|-o *type*] [--lock-db-path|-l *name*] [--lock-db-update-interval|-k *interval*] [--property-db-update-interval|-T *time*] [--property-db-max-size|-d *size*] [--min-lock-timeout|-m *time*] [--max-xml-request-body-size|-x *time*] [--max-propfind-depth|-D *depth*] [--max-report-response-elements|-a *size*] [--max-expand-property-depth|-E *depth*] [--auth-auth-db-name|-A *name*] [--auth-method|-M *basic/digest/ssl*] [--auth-prompt|-P *text*] --acl-db-max-entries|-b *max-aces*] [--acl-db-update-interval|-L *seconds*] [--acl-db-max-size|-z *size*] [--no-enabled|-n] [--source-uri|-S *uri*] --vs|-s *vs-name* --uri|-r *uri* --config|c *config-name*

**Description** Use this command to create a DAV (Distributed Authoring and Versioning) collection. A DAV collection is a resource or set of resources that are enabled for WebDAV operation. WebDAV operation includes web publishing and collaborative authoring, namespace management, and metadata management.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--source-uri -S	Specify the URI that DAV clients can use to access the source code of the content.
--no-enabled -n	If you specify this option, this DAV collection is disabled at runtime.

<code>--provider -o</code>	Specify the name of the provider that manages this collection.
<code>--lock-db-path -l</code>	Specify the directory where the DAV lock database is stored.
<code>--lock-db-update-interval -k</code>	Specify the interval (in seconds) at which the DAV lock information is written to the disk.
<code>--min-lock-timeout -m</code>	Specify the minimum expiration time (in seconds) for DAV locks.
<code>--property-db-update-interval -T</code>	Specify the interval (in seconds) at which the WebDAV file properties are written to the disk.
<code>--property-db-max-size -d</code>	Specify the maximum size (in bytes) of the WebDAV file property database files.
<code>--max-xml-request-body-size -x</code>	Specify the maximum size (in bytes) allowed for WebDAV XML request bodies.
<code>--max-propfind-depth -D</code>	Specify the maximum depth of the PROPFIND requests sent to collections.
<code>--max-report-response-elements -a</code>	Specify the maximum size (in bytes) allowed for the WebDAV report response.
<code>--max-expand-property-depth -E</code>	Specify the maximum depth allowed for WebDAV expand property report responses.
<code>--auth-auth-db-name -A</code>	Specify the name of the authentication database.
<code>--auth-prompt -P</code>	Specify an authentication prompt.
<code>--auth-method -M</code>	Specify an authentication method. The method can be <code>basic</code> , <code>digest</code> , or <code>ssl</code> .
<code>--acl-db-max-entries -b</code>	Specify the maximum entries that can exist in the access control list (ACL) database.

---

<code>--acl-db-update-interval -L</code>	Specify the interval (in seconds) at which the Access Control List (ACL) database will be updated.
<code>--acl-db-max-size -z</code>	Specify the maximum size of the Access Control List (ACL) database.
<code>--config -c</code>	Specify the name of the configuration for which you want to create a DAV collection.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri -r</code>	Specify the URI through which the content is accessed.

**Examples** `wadm create-dav-collection --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --uri=/dav_config1 --source-uri=/dav_config1 --enabled=true`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-dav-collection-prop\(1\)](#), [list-dav-collections\(1\)](#), [set-dav-collection-prop\(1\)](#), [delete-dav-collection\(1\)](#), [enable-dav-collection\(1\)](#), [disable-dav-collection\(1\)](#)

**Name** create-document-dir – creates a document directory

**Synopsis** create-document-dir <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --uri-prefix|-r *uri-prefix* --directory|-d *path* --vs|-s *vs-name* --config|-c *config-name*

**Description** Use this command to create a document directory. The primary document directory, also called the document root, is the central directory where you store all the files you want to make available to remote clients. You can create a document directory, which is in addition to the primary document directory. By doing this, you can let others manage a group of documents without giving them access to your primary document root.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-prefix -r	Specify the URI prefix that has to be mapped to a directory.
--directory -d	Specify the path to the directory that will store the documents.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration for which you want to create the document directory.

**Examples** wadm create-document-dir --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --uri-prefix=/config1\_uri --directory=../docs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [list-document-dirs\(1\)](#), [delete-document-dir\(1\)](#)

**Name** create-event – creates a new event

**Synopsis** create-event <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--time|-t *hh:mm*] [--month|-m *1-12*] [--day-of-week|-k *sun/mon/tue/wed/thu/fri/sat*] [--day-of-month|-d *1-31*] [--interval|-r *60-86400(seconds)*] [--no-enabled|-n] --config|-c *config-name* --command|-C *restart|reconfig|rotate-log|rotate-access-log|update-crl|commandline*

**Description** Use this command to create a new event. You can set a specific time and interval for scheduling automatic instance reconfiguration. You can create an event to restart and reconfigure all running instances, rotate access and error logs, update the certificate revocation list, and provide the absolute path to a file that will be executed.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--no-enabled -n	Specify this option to disable the event at runtime.
--time -t	Specify the time you want this event start. The format of the time is hh:mm, for example, 12:30.
--month -m	Specify the month you want this event to occur. The range of values is 1–12.
--day-of-week -k	Specify the day of the week you want this event to occur. The values can be Sun, Mon, Tue, Wed, Thu, Fri or Sat.
--day-of-month -d	Specify the day of the month you want this event to occur. The range of values is 1–31.
--interval -r	Specify the time interval at which you want this event to occur. The range of values is 60–86400 seconds.
--command -C	Specify the command the event executes. The values can be restart, reconfig, rotate-log, rotate-access-log, update-crl or commandline.

`--config|-c` Specify the name of the configuration for which you want to create the event.

**Examples** `wadm create-event --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 --time=12:00 --enabled=true --month=11  
--day-of-week=sun --day-of-month=23 --interval=120  
--command=rotate-log`

**Exit Status** The following exit values are returned:

`0` command executed successfully  
`>0` error in executing the command

**See Also** [help\(1\)](#), [delete-event\(1\)](#), [list-events\(1\)](#), [disable-event\(1\)](#), [enable-event\(1\)](#)

<b>Name</b>	create-external-jndi-resource – creates an external JNDI resource																		
<b>Synopsis</b>	<pre>create-external-jndi-resource &lt;connect_options&gt; [--echo -e] [--no-prompt -Q] [--verbose -v] [--no-enabled -n] [--description -D <i>text</i>] --external-jndi-name -j <i>name</i> --res-type -r <i>type</i> --factory-class -f <i>name</i> --config -c <i>config-name jndi-name</i></pre>																		
<b>Description</b>	<p>Use this command to create an external Java Naming and Directory Interface (JNDI) resource. Applications running on Sun Java System Web Server require access to resources stored in an external JNDI repository. For example, generic Java objects could be stored in an LDAP server as per the Java schema. While a custom resource allows you to access a local JNDI repository, you must use an external JNDI resource to access an external JNDI repository. An external JNDI factory must implement the <code>javax.naming.spi.InitialContextFactory</code> interface.</p>																		
<b>Options</b>	<p>For connect_options description, see <a href="#">help(1)</a>.</p> <table border="0"> <tr> <td style="vertical-align: top;">--echo -e</td> <td>Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.</td> </tr> <tr> <td style="vertical-align: top;">--no-prompt -Q</td> <td>If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.</td> </tr> <tr> <td style="vertical-align: top;">--verbose -v</td> <td>Specify this option to display a verbose output.</td> </tr> <tr> <td style="vertical-align: top;">--no-enabled -n</td> <td>Specify this option to disable the external JNDI resource at runtime.</td> </tr> <tr> <td style="vertical-align: top;">--description -D</td> <td>Enter a description of the external JNDI resource.</td> </tr> <tr> <td style="vertical-align: top;">--external-jndi-name -j</td> <td>Specify the external JNDI lookup name.</td> </tr> <tr> <td style="vertical-align: top;">--res-type -r</td> <td>Specify the type of the external JNDI resource.</td> </tr> <tr> <td style="vertical-align: top;">--factory-class -f</td> <td>Specify the name of the user-written factory class that implements <code>javax.naming.spi.InitialContextFactory</code>.</td> </tr> <tr> <td style="vertical-align: top;">--config -c</td> <td>Specify the name of the configuration for which you want to create an external JNDI resource.</td> </tr> </table>	--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.	--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.	--verbose -v	Specify this option to display a verbose output.	--no-enabled -n	Specify this option to disable the external JNDI resource at runtime.	--description -D	Enter a description of the external JNDI resource.	--external-jndi-name -j	Specify the external JNDI lookup name.	--res-type -r	Specify the type of the external JNDI resource.	--factory-class -f	Specify the name of the user-written factory class that implements <code>javax.naming.spi.InitialContextFactory</code> .	--config -c	Specify the name of the configuration for which you want to create an external JNDI resource.
--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.																		
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.																		
--verbose -v	Specify this option to display a verbose output.																		
--no-enabled -n	Specify this option to disable the external JNDI resource at runtime.																		
--description -D	Enter a description of the external JNDI resource.																		
--external-jndi-name -j	Specify the external JNDI lookup name.																		
--res-type -r	Specify the type of the external JNDI resource.																		
--factory-class -f	Specify the name of the user-written factory class that implements <code>javax.naming.spi.InitialContextFactory</code> .																		
--config -c	Specify the name of the configuration for which you want to create an external JNDI resource.																		
<b>Operands</b>	<table border="0"> <tr> <td style="vertical-align: top;"><i>jndi-name</i></td> <td>Specify the name of the external JNDI resource that you want to create.</td> </tr> </table>	<i>jndi-name</i>	Specify the name of the external JNDI resource that you want to create.																
<i>jndi-name</i>	Specify the name of the external JNDI resource that you want to create.																		
<b>Examples</b>	<pre>wadm create-external-jndi-resource --user=admin --password-file=../admin.passwd --host=serverhost --port=8989</pre>																		

```
--ssl=true --no-prompt --rcfile=null --config=config1
--res-type=org.apache.naming.res--factory-class=samples.jndi.external
-res.MyExternalConnectionFactory --external-jndi-name=index.html
external-jndi
```

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#),  
[delete-external-jndi-resource-userprop\(1\)](#), [list-external-jndi-resource-userprops\(1\)](#),  
[set-external-jndi-resource-prop\(1\)](#), [delete-external-jndi-resource\(1\)](#),  
[get-external-jndi-resource-prop\(1\)](#), [list-external-jndi-resources\(1\)](#)

**Name** create-external-jndi-resource-userprop – creates external JNDI resource user properties

**Synopsis** create-external-jndi-resource-userprop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--description|-D *text*] [--config|-c *config-name* --jndi-name|-j *resourcename* (*propertyname=value*)+

**Description** Use this command to create an external Java Naming and Directory Interface (JNDI) resource user property.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--description|-D Enter a description of the external JNDI resource user property.

--config|-c Specify the name of the configuration for which you want to create the external JNDI resource user property.

--jndi-name|-j Specify the name of the external JNDI resource.

**Operands** *propertyname=value* Specify the name and value of the external JNDI resource user property that you want to create.

**Examples** wadm create-external-jndi-resource-userprop --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --jndi-name=external-jndi info=ext\_jndiresource

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [delete-external-jndi-resource-userprop\(1\)](#), [list-external-jndi-resource-userprops\(1\)](#), [create-external-jndi-resource\(1\)](#), [set-external-jndi-resource-prop\(1\)](#), [delete-external-jndi-resource\(1\)](#), [get-external-jndi-resource-prop\(1\)](#), [list-external-jndi-resources\(1\)](#)

**Name** create-fastcgi-handler – creates a FastCGI handler

**Synopsis** create-fastcgi-handler <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--mime-type|-m *type*] [--uri-pattern|-t *pattern*] [--role|-o *authorizer|responder|filter|error*] [--app-path|-a *path*] [--app-args|-A *arg1,arg2...*] [--bind-path|-b *path*] [--min-procs|-n *count*] [--max-procs|-x *count*] [--chroot|-H *directory*] [--server-user|-r *user-id*] [--group|-g *group-id*] [--nice|-i *value*] [--listen-queue-size|-l *size*] [--app-env|-E '*name=value','name=value'...*] [--reuse-connection|-U] [--connection-timeout|-C *time-in-seconds*] [--response-timeout|-T *time-in-seconds*] [--restart-interval|-I *minutes*] [--request-retry|-q *retry-count*] [--error-url|-L *url*] [--error-reason|-O *string*] --config|-c *config-name* --vs|-s *vs-name*

**Description** Use this command to create a FastCGI handler. FastCGI is an open extension to CGI (Common Gateway Interface), which is a standard for interfacing external applications with web servers. FastCGI applications run in separate, isolated processes. As FastCGI processes can be reused to handle multiple requests, it improves performance. FastCGI provides the ability to run applications remotely, which is useful for load distributing. FastCGI application does not crash or corrupt the core server or other applications. For more information on FastCGI, see <http://www.fastcgi.com>.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--mime-type -m	Specify the MIME type.
--uri-pattern -t	Specify the URI pattern.
--role -o	Specify the role of the FastCGI Server Application Functions (SAFs). The role can be authorizer, responder, filter or error.

Note: Under a named or default object, the administration interface does not support having multiple directives for a particular role. This can be enabled by manual modification of the appropriate `obj.conf` file.

- In the `responder` role, the FastCGI application receives all information associated with an HTTP request and generates a response.
- In the `authorizer` role, the FastCGI application receives all information associated with an HTTP request and generates an authorized or unauthorized decision.
- In the `filter` role, the FastCGI application receives all information associated with an HTTP request and additional data from a file stored on the web server, and generates a filtered version of the data stream as an HTTP response.
- In the `error` role, the FastCGI application terminates if an error occurs. You can configure the application to display a specific page or redirect the request to a URL if an error occurs.

`--app-path` | `-a`

Specify the FastCGI application path that processes the request. The functionality is dependent on the value of the `bind-path` option as follows

- If you specify only `app-path`, the plug-in creates FastCGI applications that listens to UNIX Domain Sockets created by the plug-in. This parameter, however, is accepted only on UNIX platform. On Windows, an error message is logged.
- If you specify both `app-path` and `bind-path`, the plug-in starts the specified FastCGI application process and binds them to the specified `bind-path`.
- If you specify only `bind-path`, the FastCGI application is considered to be running remotely. So, the plug-in will not start the FastCGI application process.
- If you do not specify both `app-path` and `bind-path`, the plug-in logs an error message.

`--app-args` | `-A`

Specify the values that are passed as arguments to the FastCGI application process. You can define multiple arguments. The format to define multiple arguments is `arg1,arg2...`

<code>--bind-path -b</code>	See the <code>app-path</code> description. The value can be a UNIX domain socket name on the UNIX platform. On the Windows platform, <code>bind-path</code> must be specified as <code>host:port</code> . The value can also be a named pipe on both UNIX and Windows platforms.
<code>--min-procs -n</code>	Specify the minimum number of FastCGI application processes that can be created. The default value is 1.
<code>--max-procs -x</code>	Specify the maximum number of FastCGI application processes that can be created at any time. The value must be equal to or greater than the <code>min-procs</code> value. The default value is 1.
<code>--chroot -H</code>	Specify the additional root directory that you create where the FastCGI server application runs in. The default value is the web server's root directory.
<code>--server-user -r</code>	Specify the user ID of a server user. For example, <code>root</code> . This option is mandatory if the administration server is on UNIX. The default value is the web server's user ID.
<code>--group -g</code>	Specify the name of the group to execute the FastCGI programs.
<code>--nice -i</code>	Specify the nice value of FastCGI server application processes. Typically, the server is run with a nice value of 0 and the nice increment would be between 0 (the FastCGI program runs at same priority as server) and 19 (the FastCGI program runs at much lower priority than server). Do not increase the priority of the FastCGI program above that of the server by specifying a nice increment of -1.
<code>--listen-queue-size -l</code>	Specify the size, in bytes, of the operating system listen queue back log. The default value is 256 bytes.
<code>--app-env -E</code>	Specify the name-value pairs. that are passed as environment variables to the FastCGI application process. You can define multiple environment variables. The format to define multiple arguments is "name=value", "name=value" . . .
<code>--reuse-connection -U</code>	Specify whether the connections to the FastCGI applications are reused. The value <code>false</code> indicates that the connections to FastCGI applications are closed after each request and <code>true</code> indicates that existing connections are reused for new requests. The default value is <code>false</code> .

<code>--connection-timeout -C</code>	If the <code>reuse-connection</code> option is set to <code>true</code> , this value specifies the time-out value, in seconds, for the pooled connections. If a connection is idle for the specified amount period of time, then the plug-in closes the connection. The default value is 5 seconds.
<code>--response-timeout -T</code>	Specify the FastCGI server response time-out in seconds. If there is no response from the FastCGI application within the specified period of time, the request is discarded. The default value is 5 seconds.
<code>--restart-interval -l</code>	Specify the time interval, in minutes, after which the FastCGI application restarts. If the value for this option is 0 (zero), the FastCGI application is not forced to restart. The default value is 60 minutes.
<code>--request-retry -q</code>	Specify the number of times the request should be re-send when the FastCGI application rejects the request. The default value is 0 (zero).
<code>--error-url -L</code>	Specify the web page, URI, or URL that FastCGI should display if an error occurs. The value of this parameter can be an absolute path, a path relative to document root, an URL, or a URI.
<code>--error-reason -O</code>	Specify the FastCGI protocol error. Use this option to differentiate the error URLs to be displayed in case of any plug-in errors.
<code>--config -c</code>	Specify the name of the configuration for which you want to create the FastCGI handler.
<code>--vs -s</code>	Specify the name of the virtual server where you want to add the FastCGI handler.

**Examples**

```
wadm create-fastcgi-handler --user=admin --host=serverhost
--password-file=./admin.passwd --port=8989 --ssl=true
--no-prompt --rcfile=null --mime-type=magnus-internal/fastcgi
--uri-pattern=/fcgi/* --role=filter --app-path=/app-path
--app-args=arg1,arg2,arg3 --bind-path=localhost:1111 --min-procs=2
--max-procs=10 --chroot=/space/fastcgi --server-user=webservd
--group=group1 --nice=1 --listen-queue-size=512
--app-env=name1=value1,name2=value2, --reuse-connection=true
--connection-timeout=10 --response-timeout=10 --restart-interval=100
--request-retry=1 --config=config1 --vs=vs
```

**Exit Status** The following exit values are returned:

0            command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [delete-fastcgi-handler\(1\)](#), [get-fastcgi-handler-prop\(1\)](#), [set-fastcgi-handler-prop\(1\)](#), [list-fastcgi-handlers\(1\)](#)

---

<b>Name</b>	create-file-authdb – creates authentication database of type file
<b>Synopsis</b>	create-file-authdb <connect_options> [-echo -e] [--no-prompt -Q] [--verbose -v] [--vs -s vs-name] [--syntax -t keyfile digestfile] [--no-enabled -n] --path -P filepath --config -c config-name authdb-name
<b>Description</b>	Use this command to create a new authentication database of type file. The authentication database of type file stores user and group information in flat files.
<b>Options</b>	For connect_options description, see <a href="#">help(1)</a> .
--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--no-enabled -n	Specify this option to disable the authentication database at runtime.
--syntax -t	Specify the syntax of the file. The value can be keyfile or digestfile. The default value is keyfile.  keyfile — text file that contains the user password. It also contains the name of the group to which the user belongs.  digestfile — stores the user and group information based on the encrypted username and password. The digestfile format supports both digest and basic authentication methods.
--path -P	Specify the location of the authentication database file.
--config -c	Specify the name of the configuration for which you want to create the authentication database.
<b>Operands</b>	authdb-name  Specify the name of the authentication database that you want to create.

**Examples** `wadm create-file-authdb --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 --path=keyfile1 KEYFILE1`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [create-ldap-authdb\(1\)](#), [create-pam-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#),  
[get-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [list-authdbs\(1\)](#), [create-authdb-userprop\(1\)](#),  
[delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

**Name** create-group – creates a new user group

**Synopsis** create-group <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uid|-U *user1, user2...*] [--vs|-s *vs-name*] [--org-unit|-o *orgunit*] [--description|-D *text*] [--config|-c *config-name*] [--authdb|-a *name* *group-id*]

**Description** Use this command to create a new user group. A user group entry contains information such as user accounts, access privileges, organization units, and other user group specific details.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uid -U	Enter the ID of the user.
--description -D	Enter a description for the group.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--org-unit -o	Enter a description of an organizational unit within your company to which this group belongs.
--config -c	Specify the name of the configuration for which you want to create the user group.
--authdb -a	Specify the name of the authentication database that will store the group information.

**Operands** *group-id* Specify the ID of the user group you want to create.

**Examples** wadm create-group --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --authdb=LDAP1 serverhost-8989-ldap-group1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [delete-group\(1\)](#), [list-groups\(1\)](#)

**Name** create-group-member – creates a new group member

**Synopsis** create-group-member <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--org-unit|-o *orgunit*] [--vs|-s *vs-name*] [--authdb|-a *name*] [--group|-g *group-id*] [--config|-c *config-name*] (*uid*)+

**Description** Use this command to create a new group member.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--org-unit -o	Enter a description of an organizational unit within your company to which this group member belongs.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--authdb -a	Specify the authentication database that stores the group information.
--group -g	Specify the ID of the group.
--config -c	Specify the name of the configuration for which you want create group member.

**Operands** *uid* Specify the ID of the group member.

**Examples** wadm create-group-member --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --authdb=LDAP1 --group=group1 user1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [delete-group-member\(1\)](#), [list-group-members\(1\)](#)

**Name** create-http-listener – creates HTTP listener socket

**Synopsis** create-http-listener <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--no-enabled|-n] [--ip|-I *address*] [--acceptor-threads|-a *count*] [--blocking-io|-b] [--family|-f *name*] [--listen-queue-size|-l *size*] [--receive-buffer-size|-r *size*] [--send-buffer-size|-B *size*] [--description|-D *text*] [--handle-protocol-mismatch|-m] --listener-port|-P *number* --config|-c *config-name* --server-name|-s *name* --default-virtual-server-name|-d *name listener-name*

**Description** Use this command to create a new HTTP listener socket. All virtual servers have an HTTP listener specified. When a new request comes in, Web Server determines which virtual server to send it to based on the configured HTTP listener.

**Options** For connect\_options description, see [help\(1\)](#).

- |                          |  |
|--------------------------|--|
| --echo -e                | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.                                 |
| --no-prompt -Q           | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v             | Specify this option to display a verbose output.   |
| --no-enabled -n          | Specify this option if you want to disable the HTTP listener at runtime.   |
| --ip -I                  | Specify the IP address of the host machine. Type '*' to set all available IP addresses.  |
| --acceptor-threads -a    | Specify the number of threads dedicated to accept the connections received by this listener. The range of values is 1–128.   |
| --blocking-io -b         | If you specify this option, the HTTP listener socket is in the blocking mode.  |
| --family -f              | Specify the HTTP protocol family.  |
| --listen-queue-size -l   | Specify the size (in bytes) of the operating system listen queue back log. The range of values is 1 - 65536.   |
| --receive-buffer-size -r | Specify the size (in bytes) of the operating system socket receive buffer. The range of values is 1 - 1048576.   |

---

<code>--send-buffer-size -B</code>	Specify the size (in bytes) of the operating system socket send buffer. The range of values is 1 - 1048576.
<code>--description -D</code>	Enter a description of the HTTP listener.
<code>--handle-protocol-mismatch -m</code>	If you specify this option, the server responds to SSL or non-SSL protocol mismatches in client requests with an HTTP redirect or SSL alert. The default is <code>true</code> , meaning the server will attempt to detect SSL or non-SSL protocol mismatches and send an HTTP redirect or SSL alert when a mismatch is detected.
<code>--listener-port -P</code>	Specify the port number where the configuration binds to and listens for requests. The range of values is 1–65535.
<code>--config -c</code>	Specify the name of the configuration for which you want to create the new HTTP listener socket.
<code>--server-name -s</code>	Specify the name of the default server.
<code>--default-virtual-server-name -d</code>	Specify the name of the default virtual server that processes requests which do not match a <code>host-pattern</code> .

**Operands** *listener-name* Specify the name of the HTTP listener that you want to create.

**Examples** `wadm create-http-listener --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --listener-port=18033 --config=config1 --server-name=config1.com --default-virtual-server-name=config1 --enabled=true --ip=* --acceptor-threads=10 --blocking-io=false --listen-queue-size=10 --receive-buffer-size=10 --send-buffer-size=10 --description=HTTP_listener config1_ls`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [set-http-listener-prop\(1\)](#), [list-http-listeners\(1\)](#), [delete-http-listener\(1\)](#), [get-http-listener-prop\(1\)](#)

**Name** create-instance – creates Web Server instances

**Synopsis** create-instance <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--force|-f] --config|-c *config-name* (*nodehost*)<sup>+</sup>

**Description** Use this command to create Web Server instances. An instance is created for a given configuration, that is, the created instance will have all the configuration files, web applications and other characteristics of the specified configuration.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--force -f	Specify this option to enable a forced creation of an instance. Providing this option deletes any existing instance for the specified configuration on the specified node before creating the instance.
--config -c	Specify the name of the configuration for which you want to create the instance.

**Operands** *nodehost* Specify the name of the node.

**Examples** wadm create-instance --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 serverhost

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [delete-instance\(1\)](#), [list-instances\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

**Name** create-jdbc-resource – creates a JDBC resource with the specified JNDI name

**Synopsis** create-jdbc-resource <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--min-connections|-m *count*] [--max-connections|-x *count*] [--idle-timeout|-l *time-in-seconds*] [--wait-timeout|-o *time-in-seconds*] [--no-enabled|-n] [--isolation-level|-L *level*] [--isolation-level-guaranteed|-g *boolean*] [--connection-validation|-r *false/auto-commit/meta-data/table*] [--connection-validation-table-name|-t *name*] [--fail-all-connections|-f *boolean*] --config|-c *config-name* --datasource-class|-d *name jndi-name*

**Description** Use this command to create a new JDBC resource. A JDBC data source is an implementation of a data source in the Java programming language. A data source can be a complex database for a large corporation or as simple as a file with rows and columns.

You can create and manage a JDBC data source through Sun Java System Web Server. The JDBC API provides a set of classes for Java with a standard SQL database access interface to ensure uniform access to a wide range of relational databases. Using JDBC, SQL statements can be sent to virtually any database management system (DBMS). It is used as an interface for both relational and object DBMSs.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--min-connections -m	Specify the minimum number of concurrent connections to be maintained by the database server. The range of values is 1–4096. The default value is 8.
--max-connections -x	Specify the maximum number of concurrent connections to be maintained by the database server. The range of values is 1–4096. The default value is 32.
--idle-timeout -l	Specify the timeout (in seconds) after which an idle connection to the database server closes. The range of values is 0–3600 and –1 for no timeout.

- `--wait-timeout` | `-o` Specify the timeout (in seconds) after which a caller waiting for an available connection to the database server will receive an error. The range of values is 0.001–3600 and –1 for no timeout.
- `--no-enabled` | `-n` Specify this option if you want to disable the JDBC resource at runtime.
- `--isolation-level` | `-L` Specify the transaction isolation level. The accepted values are `read-uncommitted`, `read-committed`, `repeatable-read`, or `serializable`.
- `--isolation-level-guaranteed` | `-g` If you specify this option, the server sets the isolation level each time a connection is leased to an application. The default value is `false`.
- `--connection-validation` | `-r` Specify this option to indicate whether the server validates a connection before leasing it to an application. The value can be `false`, `auto-commit`, `meta-data` or `table`.
- `--connection-validation-table-name` | `-t` Specify the table used when `connection-validation-method` is `table`.
- `--fail-all-connections` | `-f` If you specify this option, all connections are closed and re-established if there is an error while validating an individual connection. The default value is `false`.
- `--config` | `-c` Specify the name of the configuration for which you want to create the JDBC resource.
- `--datasource-class` | `-d` Specify the name of the JDBC drive class.

**Operands** *jndi-name* Specify the JNDI name of the JDBC resource.

**Examples** `wadm create-jdbc-resource --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --datasource-class=com.pointbase.jdbc.jdbcDataSource jdbc`

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#), [list-jdbc-resource-userprops\(1\)](#), [set-jdbc-resource-prop\(1\)](#), [delete-jdbc-resource\(1\)](#), [list-jdbc-resources\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

**Name** create-jdbc-resource-userprop – creates JDBC resource user properties

**Synopsis** create-jdbc-resource-userprop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--description|-D *text*]  
 [--property-type|-t *type*] --config|-c *config-name*  
 --jndi-name|-j *resourcename* (*propertyname=value*)+

**Description** Use this command to create JDBC resource user properties.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--description -D	Enter a description of the JDBC resource user property.
--config -c	Specify the name of the configuration for which you want to create a JDBC resource user property.
--jndi-name -j	Specify the JNDI name of the JDBC resource.
--property-type -t	Specify the type of the JDBC resource property that you want to create. The type can be property, connection-lease-property, or connection-creation-property. The default type is property.

**Operands** *propertyname=value* Specify the name and value of the JDBC resource user property that you want to create.

**Examples** wadm create-jdbc-resource-userprop --user=admin  
 --password-file=./admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1  
 --jndi-name=jdbc info=jdbc\_resource

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#), [list-jdbc-resource-userprops\(1\)](#), [create-jdbc-resource\(1\)](#), [set-jdbc-resource-prop\(1\)](#), [delete-jdbc-resource\(1\)](#), [list-jdbc-resources\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

**Name** create-jvm-options – creates JVM options

**Synopsis** create-jvm-options <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--profiler|-rprofiler-name] [--debug-options|-d] [--config|-c config-name (jvm\_option\_name=jvm\_option\_value) [:jvm\_option\_name=jvm\_option\_value]\*

**Description** Use this command to create Java Virtual Machine (JVM) options. You must restart the server for newly created JVM options to take affect.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which you want to create the JVM options.
--profiler -r	Specify the name of the JVM profiler to which these JVM options apply.
--debug-options -d	If you specify this option, the command creates a JVM option of type debug.

**Operands** jvm\_option\_name=jvm\_option\_value  
Specify the name and value of the JVM option that you want to create. The left side of the equal sign (=) is the JVM option name. The right side of the equal sign (=) is the JVM option value. Use a colon (:) as a delimiter for multiple options.

**Note** – While specifying the JVM options, use hyphens (--) as a delimiter. Else, the JVM options that you define will be interpreted as a CLI option.

**Examples** wadm create-jvm-options --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 -Dhttp.proxyHost=proxy.bay.com -Dhttp.proxyPort=8080

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [list-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#)

- Name** create-jvm-profiler – creates JVM profilers
- Synopsis** create-jvm-profiler <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--class-path|-l *path*] [--native-library-path|-t *path*] [--no-enabled|-n] --config|-c *config-name*
- Description** Use this command to create a Java Virtual Machine (JVM) profiler. A JVM profiler helps you diagnose and resolve performance problems, memory leaks, multi-threading problems and system resource usage problems in Java applications.
- Options** For connect\_options description, see [help\(1\)](#).
- |                          |  |
|--------------------------|--|
| --echo -e                | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.                                 |
| --no-prompt -Q           | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v             | Specify this option to display a verbose output.   |
| --class-path -l          | Provide a valid class path for the profiler.   |
| --native-library-path -t | Specify the path of the native library for the profiler.   |
| --no-enabled -n          | Specify this option to disable the JVM profiler at runtime.  |
| --config -c              | Specify the name of the configuration for which you want to create the JVM profiler.   |
- Operands** *name* Specify the name of the JVM profiler.
- Examples** wadm create-jvm-profiler --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 JVMProfiler1
- Exit Status** The following exit values are returned:
- |    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |
- See Also** [help\(1\)](#), [set-jvm-profiler-prop\(1\)](#), [get-jvm-profiler-prop\(1\)](#), [delete-jvm-profiler\(1\)](#), [create-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#), [list-jvm-options\(1\)](#)

**Name** create-ldap-authdb – creates LDAP authentication databases

**Synopsis** create-ldap-authdb <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--auth-expiring-url|-a *url*] [--vs|-s *vs-name*] [--bind-dn|-d *binddn*] [--bind-password|-b *bindpw*] [--group-search-filter|-o *filter*] [--search-filter|-f *filter*] [--group-search-attr|-t *attr*] [--dc-suffix|-x *suffix*] [--no-enabled|-n] --ldap-url|-l *ldap://server:port/dc=acme,dc=com* --config|-c *config-name authdb-name*

**Description** Use this command to create a new authentication database for a LDAP (Lightweight Directory Access Protocol) server. The LDAP database stores the user and group information.

**Options** For connect\_options description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.
- verbose|-v Specify this option to display a verbose output.
- auth-expiring-url|-a Specify the URL to which the server redirects the request to in case the password is about to expire soon.
- vs|-s Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
- bind-dn|-d Specify the name that the Administration Server will use to initially bind (or log in) to the directory server, for example, cn=Directory Manager. Binding determines the permission level you are granted for the duration of a connection. The DN supplied in a bind request can be the DN of an alias entry.
- bind-password|-b Specify the password for authentication. You can also define the bind-password in the password file.
- group-search-filter|-o Specify the search filter to find group memberships for the user. The default value is uniquemember.
- search-filter|-f Specify the search filter to use to find the user. The default value is uid.

You can use the search options to interoperate with Microsoft Active Directory (MSAD). By default, MSAD does not store the user ids in the usual `uid` attribute. Instead, it stores the user ids in an attribute called `samAccountName`. Hence, when LDAP searches a MSAD directory to find a user, it will not be able to find a match as it attempts to match on the `uid` attribute. In Web server 7.0 or higher, you can set the `search-filter` option to override the MSAD default attribute. See example.

<code>--group-search-attr -t</code>	Specify the LDAP attribute name that contains group name entries. The default value is <code>CN</code> .
<code>--dc-suffix -x</code>	Specify a suffix for the LDAP database.
<code>--no-enabled -n</code>	Specify this option to disable the authentication database at runtime.
<code>--ldap-url -l</code>	Specify the URL of the LDAP authentication database. The type of authentication database is specified in the URL scheme.
<code>--config -c</code>	Specify the name of the configuration for which you want to create the LDAP authentication database.

**Operands** *authdb-name* Specify the name of the authentication database you want to create.

**Examples**

```
wadm create-ldap-authdb --user=admin --host=serverhost
--password-file=./admin.passwd --port=8989 --ssl=true
--no-prompt --rcfile=null --config=config1
--ldap-url=ldap://serverhost.com:3950/dc=xyz,dc=xyz,dc=xyz
--bind-dn=cn="Directory Manager" LDAP1

wadm create-ldap-authdb --user admin --host=serverhost
--password-file=./admin.passwd --port=8989 --ssl=true
--ldap-url=ldap://serverhost:port/dc=acme,dc=com
--bind-dn=cn="Directory Manager" --group-search-filter=member
--search-filter=samAccountName --group-search-attr=cn
--config=config1 authdb-name
```

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [list-authdbs\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

**Name** create-lifecycle-module – creates lifecycle modules

**Synopsis** create-lifecycle-module <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] [--no-enabled|-n]  
[--load-order|-d *order*] [--no-failure-fatal|-f]  
[--class-path|-l *path*] [--description|-D  
*text*] --config|-c *config-name*  
--class|-C *class name*

**Description** Use this command to create a lifecycle module. Java Server Lifecycle Modules are Java classes that listen for server lifecycle events to perform certain tasks whenever the server reaches its various life cycle stages.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--no-enabled -n	Specify this option to disable the lifecycle module at runtime.
--no-failure-fatal -f	If you specify this option, the server will not treat exceptions thrown during lifecycle module initialization as fatal.
--class-path -l	Specify the class path for the lifecycle module.
--load-order -d	Specify the order in which the lifecycle module is loaded. You can choose a load-order value that is greater than or equal to 100 to avoid conflicts with internal lifecycle modules.
--description -D	Enter a description of the lifecycle module.
--config -c	Specify the name of the configuration for which you want to create the lifecycle module.
--class -C	Specify the name of the class that implements the lifecycle module.

**Operands** *name* Specify the name of the life cycle module that you want to create.

**Examples** `wadm create-lifecycle-module --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1 --class=LifeCycleModuleImpl  
lifecycle_module1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [delete-lifecycle-module\(1\)](#),  
[get-lifecycle-module-prop\(1\)](#), [list-lifecycle-modules\(1\)](#), [create-lifecycle-module-userprop\(1\)](#),  
[delete-lifecycle-module-userprop\(1\)](#), [list-lifecycle-module-userprops\(1\)](#)

**Name** create-lifecycle-module-userprop – creates the lifecycle module user properties

**Synopsis** create-lifecycle-module-userprop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--description|-D *text*]  
 --config|-c *config-name* --module|-m *name*  
 (*propertyname=value*)<sup>+</sup>

**Description** Use this command to create a lifecycle module user property.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--description|-D Enter a description of the lifecycle module user property.

--config|-c Specify the name of the configuration for which you want to create the lifecycle module user properties.

--module|-m Specify the name of the lifecycle module.

**Operands** *propertyname=value* Specify the name and value of the lifecycle module property that you want to create.

**Examples** wadm create-lifecycle-module-userprop --user=admin  
 --password-file=./admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1  
 --module=Lifecycle1 info=creating

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [delete-lifecycle-module-userprop\(1\)](#), [list-lifecycle-module-userprops\(1\)](#), [create-lifecycle-module\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [delete-lifecycle-module\(1\)](#), [get-lifecycle-module-prop\(1\)](#), [list-lifecycle-modules\(1\)](#)

**Name** create-mail-resource – creates a mail resource

**Synopsis** create-mail-resource <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--no-enabled|-n] [--description|-D *text*] --config|-c *config-name jndi-name*

**Description** Use this command to create a mail resource. Java mail sessions are J2EE resources that can be created and managed through Sun Java System Web Server. Many internet applications require the ability to send email notifications. J2EE platform includes the JavaMail API along with a JavaMail service provider that allows an application component to send emails.

The JavaMail API has two parts:

- An application-level interface used by the application components to send mail.
- A service provider interface used at the J2EE API level.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--no-enabled -n	Specify the option to disable the mail resource at runtime.
--description -D	Enter a description for the mail resource being created.
--config -c	Specify the name of the configuration for which you want to create the mail resource.

**Operands** *jndi-name* Specify the JNDI name of the mail resource.

**Examples** wadm create-mail-resource --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 MailResource1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [delete-mail-resource\(1\)](#), [set-mail-resource-prop\(1\)](#), [list-mail-resources\(1\)](#), [get-mail-resource-prop\(1\)](#), [create-mail-resource-userprop\(1\)](#), [delete-mail-resource-userprop\(1\)](#), [list-mail-resource-userprops\(1\)](#)

**Name** create-mail-resource-userprop – creates the mail resource user properties

**Synopsis** create-mail-resource-userprop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--description|-D *text*]  
 --config|-c *config-name* --jndi-name|-j *resourcename*  
 (*propertyname=value*)+

**Description** Use this command to create the mail resource user properties.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--description|-D Enter a description of the mail resource user property.

--config|-c Specify the name of the configuration.

--jndi-name|-j Specify the JNDI name of the mail resource.

**Operands** *propertyname=value* Specify the name and value of mail resource user property that you want to create.

**Examples** wadm create-mail-resource-userprop --user=admin  
 --password-file=./admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1  
 --jndi-name=MailReso mail host=mail-host.com mail  
 from=root@localhost

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-mail-resource\(1\)](#), [delete-mail-resource\(1\)](#), [list-mail-resources\(1\)](#), [get-mail-resource-prop\(1\)](#), [set-mail-resource-prop\(1\)](#), [delete-mail-resource-userprop\(1\)](#), [list-mail-resource-userprops\(1\)](#)

**Name** create-mime-type – creates MIME types

**Synopsis** create-mime-type <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s *vs-name*] [--category|-y *type|enc|lang*] [--config|-c *config-name* --extensions|-x [*fileSuffix*,...]] *content-type*

**Description** Use this command to create a MIME (Multi-purpose Internet Mail Extension) type. MIME types determine the various types of multimedia files that your mail system supports.

You need not create a separate MIME types file for each virtual server. Instead, you can create as many MIME types files as you require and associate them with a virtual server. By default, one MIME types file (*mime.types*) exists on the server and cannot be deleted.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server.
--category -y	Specify the category of the MIME types. The value can be type, enc, or lang.
--config -c	Specify the name of the configuration for which you want to create the MIME type.
--extensions -x	Specify the file extension for the MIME value. To define multiple file extensions, separate them by a comma (.). For example, for text and HTML MIME value, the file extension is txt,html.

**Operands** *content-type* Specify the content type of the MIME types.

**Examples** wadm create-mime-type --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 application/sxc

**Exit Status** The following exit values are returned:

0	command executed successfully
---	-------------------------------

>0 error in executing the command

**See Also** [help\(1\)](#), [delete-mime-type\(1\)](#), [list-mime-types\(1\)](#)

**Name** create-pam-authdb – creates a new authentication database of type PAM.

**Synopsis** create-pam-authdb <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--vs|-s *vs-name*] [--no-enabled|-n]  
 --config|-c *config-name* *authdb-name*

**Description** Use this command to create a new authentication database of type PAM. PAM is the native authentication database supported by Sun Java System Web Server 7.0. This authentication database is supported only on the Solaris platform.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--vs|-s Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.

--no-enabled|-n Specify this option to disable this authentication database at runtime.

--config|-c Specify the name of the configuration for which you want to create the authentication database.

**Operands** *authdb-name* Specify the name of the authentication database that you want to create.

**Examples** wadm create-pam-authdb --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 PAM1

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [list-authdbs\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

**Name** create-reverse-proxy – creates a reverse proxy

**Synopsis** create-reverse-proxy <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --vs|-s *vs-name* --uri-prefix|-r *uri-prefix*  
 --server|-S *remote-server-url*

**Description** Use this command to create a reverse proxy. A reverse proxy is a proxy that appears to be a Web Server (origin server) to clients but in reality forwards the requests it receives to one or more origin servers. Because a reverse proxy presents itself as an origin server, clients do not need to be configured to use a reverse proxy.

By configuring a reverse proxy to forward requests to multiple similarly configured origin servers, a reverse proxy can operate as an application level software load balancer. In a typical deployment, one or more reverse proxies will be deployed between the browsers and the origin servers.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which you want to create the reverse proxy.
--vs -s	Specify the name of the virtual server.
--uri-prefix -r	Specify the URI prefix for the reverse proxy that you create.
--server -S	Specify the remote server URLs. Use comma (,) to define multiple URLs. If you define multiple URLs, the server will distribute the load among the specified servers.

**Examples** wadm create-reverse-proxy --user=admin --host=serverhost  
 --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 --vs=vs --uri-prefix=/simple/  
 --server=http://sun.com:8080

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [delete-reverse-proxy\(1\)](#), [list-reverse-proxy-uris\(1\)](#), [get-reverse-proxy-prop\(1\)](#), [set-reverse-proxy-prop\(1\)](#), [block-reverse-proxy-header\(1\)](#), [forward-reverse-proxy-header\(1\)](#), [list-reverse-proxy-headers\(1\)](#)

**Name** create-search-collection – creates search collections

**Synopsis** create-search-collection <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--path|-P *path*] [--display-name|-y *name*] [--no-enabled|-n] [--index-meta-tag|-m *key1, key2, ...*] [--include-extensions|-t *ext1,ext2,..*] [--description|-D *text*] --vs|-s *vs-name* --config|-c *config-name* --document-root|-d *path collection-name*

**Description** Use this command to create a search collection. Searches require a database of searchable data against which users will search. You can create a collection, which indexes and stores information about documents on the server. Once you index all or some of the documents, information such as title, creation date, and author is available for search.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--no-enabled -n	Specify this option to disable this search collection at runtime.
--display-name -y	Enter a name of the search collection that is displayed to users.
--path -P	Specify the path to the directory system where the search collection metadata is stored.
--description -D	Enter a description of the search collection.
--index-meta-tags -m	Specify document fields that are used for indexing. Use comma (,) to specify multiple fields. For example, subject.
--include-extensions -t	Specify the file extensions of document type to be indexed. The values can be html, htm, txt, and pdf. Use comma (,) to specify multiple extensions.
--document-root -d	Specify the file system documents root directory for the searchable documents.

`--config|-c` Specify the name of the configuration for which you want to create the search collection.

`--vs|-s` Specify the name of the virtual server.

**Operands** *collection-name* Specify the name of the collection that you want create.

**Examples** `wadm create-search-collection --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs  
--document-root=../docs searchcoll`

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [set-search-collection-prop\(1\)](#), [delete-search-collection\(1\)](#), [list-search-collections\(1\)](#), [get-search-collection-prop\(1\)](#), [reindex-search-collection\(1\)](#)

**Name** create-search-event – creates a new search event

**Synopsis** create-search-event <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--pattern|-P *pattern*] [--encoding|-g *encoding*] [--no-subdirs|-S] ((--time|-t *hh:mm* [--month|-m *1-12*] [--day-of-week|-k *sun/mon/tue/wed/thu/fri/sat*] [--day-of-month|-d *1-31*]) | --interval|-r *60-86400(seconds)*) [--no-enabled|-n] --config|-c *config-name* --vs|-s *vs-name* --collection|-O *name* --command|-C *add-documents|reindex*

**Description** Use this command to create a new search event. You can schedule tasks to be performed on collections at regular intervals.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--time -t	Specify a time when this search event is scheduled.
--day-of-month -d	Specify the day of the month when this search event is scheduled. The range of values is 1–31.
--day-of-week -k	Specify the day of the week when this search event is scheduled. The values can be Sun, Mon, Tue, Wed, Thu, Fri or Sat.
--interval -r	Specify the time interval, in seconds, at which this search event will occur. The range of values is 60–86400.
--month -m	Specify the month when this search event is scheduled. The range of values is 1 to 12.
--no-enabled -n	Specify this option to disable the search event at runtime.

<code>--encoding   -g</code>	Specify the character encoding for the documents to be re-indexed. The default is ISO-8859-1. The indexing engine tries to determine the encoding of HTML documents from the embedded meta tag.
<code>--no-subdirs   -S</code>	If you specify this option, sub directories of the document root will not be searched.
<code>--pattern   -P</code>	Specify the wild card pattern of the documents.
<code>--command   -C</code>	Specify the task the search event should execute. The value can be <code>add-documents</code> or <code>reindex</code> . The value <code>add-documents</code> adds files to an existing collection and <code>reindex</code> re-indexes the specified collection.
<code>--config   -c</code>	Specify the name of the configuration for which you want to create the event.
<code>--vs   -s</code>	Specify the name of the virtual server.
<code>--collection   -O</code>	Specify the name of the collection for which you need to schedule an event.

**Examples** `wadm create-search-event --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --time=10:10  
--command=add-documents --collection=collection1`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [delete-search-event\(1\)](#), [list-search-events\(1\)](#), [disable-search-event\(1\)](#), [enable-search-event\(1\)](#)

**Name** create-selfsigned-cert – creates self-signed certificates

**Synopsis** create-selfsigned-cert <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--org-unit|-o *unit*] [--state|-a *name*] [--locality|-l *place*] [--token|-t *name*] [--token-pin|-P *pin*] [-validity|-d *num of months*] [--org|-g *org*] [--country|-y *name*] [--key-type|-k (*rsa|ecc*)] [--key-size|-z *size*] [--curve|-r *curvename*] [--alt-server-name| -A *dns-name*] --config|-c *config-name* --server-name| --nickname|-n *nickname*

**Description** Use this command to create a new self-signed certificate.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--token -t	Specify the token (cryptographic device) name, which contains the encrypted public key.
--token-pin -P	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the token-pin in the password file.
--org-unit -o	Enter a description of an organizational unit within your company.
--locality -l	Enter a description of the city, principality, or country of the organization.
--state -a	Specify the state or province where the business is located.
--validity -d	Specify the validity of the certificate.
--org -g	Enter the official name of your company, educational institution, or organization.
--country -y	Enter a two-character abbreviation of your country's name (in ISO format). For example, the country code for the United States is US.

<code>--key-type -k</code>	Specify the type of the certificate key. The key types can be <code>rsa</code> or <code>ecc</code> .
<code>--key-size -z</code>	Specify the size of certificate key. This option is applicable only if the <code>key-type</code> is <code>rsa</code> . The key size can be <code>1024</code> , <code>2048</code> or <code>4098</code> .
<code>--curve -r</code>	Specify the name of key curve. This option is applicable if you specify the <code>key-type</code> as <code>ecc</code> . The key curves can be <code>prime256v1</code> , <code>secp256r1</code> , <code>nistp256</code> , <code>secp256k1</code> , <code>secp384r1</code> , <code>nistp384</code> , <code>secp521r1</code> , <code>nistp521</code> , <code>sect163k1</code> , <code>nistk163</code> , <code>sect163r1</code> , <code>sect163r2</code> , <code>nistb163</code> , <code>sect193r1</code> , <code>sect193r2</code> , <code>sect233k1</code> , <code>nistk233k1</code> , <code>nistk233</code> , <code>sect233r1</code> , <code>nistb233</code> , <code>sect239k1</code> , <code>sect283k1</code> , <code>nistk283</code> , <code>sect283r1</code> , <code>nistb283</code> , <code>sect409k1</code> , <code>nistk409</code> , <code>sect571k1</code> , <code>nistk571</code> , <code>sect571r1</code> , <code>nistb571</code> , <code>secp160k1</code> , <code>secp160r1</code> , <code>secp160r2</code> , <code>secp192k1</code> , <code>secp192r1</code> , <code>nistp192</code> , <code>secp224k1</code> , <code>secp224r1</code> , <code>nistp224</code> or <code>prime192v1</code> .
<code>--config -c</code>	Specify the name of the configuration for which you want to create the certificate.
<code>--server-name -s</code>	Specify the host name of the server for which you are creating a self-signed certificate.
<code>--alt-server-name -A</code>	(This option is deprecated. A list of domain names can be added in the <code>server-name</code> , separated by commas.) Specify the domain names of the host provided in the <code>server-name</code> option.
<code>--nickname -n</code>	Enter a nick name for the certificate that you want to create.

**Examples** `wadm create-selfsigned-cert --user=admin --port=8989 --password-file=./admin.pwd --config=config1 --token=internal --org-unit=org1 --locality=XYZ --state=DEF --validity=10 --org=sun --country=ABC --server-name=serverhost --nickname=cert1`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [install-cert\(1\)](#), [list-certs\(1\)](#), [delete-cert\(1\)](#), [get-cert-prop\(1\)](#)

**Name** create-soap-auth-provider – creates SOAP authentication provider

**Synopsis** create-soap-auth-provider <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--request-policy-auth-source|-r *auth\_src*] [--request-policy-auth-recipient|-q *auth\_recipient*] [--response-policy-auth-source|-S *auth\_source*] [--response-policy-auth-recipient|-o *auth\_recipient*] --class|-C *provider\_class* --config|-c *config-name* *provider\_name*

**Description** Use this command to create a SOAP (Simple Object Access Protocol) authentication provider.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--request-policy-auth-source -r	Specify the type of source authentication. This option defines a requirement for the message layer sender authentication. The type of authentication can be <i>sender</i> authentication such as username/password or <i>content</i> authentication such as digital signature. If you do not specify this option, source authentication of the request is not required.
--request-policy-auth-recipient -q	Specify the type of recipient authentication. This option defines a

<code>--response-policy-auth-source</code> <code>-S</code>	requirement for message layer authentication for the receiver of a message, for example, by XML encryption. The value can be <i>before-content</i> or <i>after-content</i> .
<code>--response-policy-auth-recipient</code> <code>-o</code>	This option defines a requirement for message layer sender authentication such as username/password or content authentication such as digital signature to be applied to response messages. The type of authentication can be <i>sender</i> or <i>content</i> . If you do not specify this option, source authentication of the response is not required.
<code>--config -c</code>	This option defines a requirement for message layer authentication of the receiver of the response message to its sender, for example, by XML encryption.
<code>--class -C</code>	Specify the name of the configuration for which you want to create the SOAP authentication provider.
	Specify the class that implements the provider. The value of this option is a class name that implements <code>javax.security.auth.XXX</code> .

**Operands** `provider_name` Specify the name of the SOAP authentication provider.

**Examples** `wadm create-soap-auth-provider --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --class=javax.security.auth  
.soapauthprovider soap-auth`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [set-soap-auth-provider-prop\(1\)](#), [delete-soap-auth-provider\(1\)](#),  
[get-soap-auth-provider-prop\(1\)](#), [list-soap-auth-providers\(1\)](#),  
[create-soap-auth-provider-userprop\(1\)](#), [delete-soap-auth-provider-userprop\(1\)](#),  
[list-soap-auth-provider-userprops\(1\)](#)

---

**Name** create-soap-auth-provider-userprop – creates SOAP authentication provider user properties

**Synopsis** create-soap-auth-provider-userprop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--description|-D *text*] [--config|-c *config-name* --provider|-o *name* (*propertyname=value*)+

**Description** Use this command to create the SOAP (Simple Object Access Protocol) authentication provider user properties.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--description|-D Enter a description of the SOAP authentication user property.

--config|-c Specify the name of the configuration for which you want to create the SOAP authentication user properties.

--provider|-o Specify the name of the SOAP authentication provider.

**Operands** *propertyname=value* Specify the name and value of the SOAP authentication provider user property that you want to create.

**Examples** wadm create-soap-auth-provider-userprop --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --provider=soap-auth info=soapauthproperty

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [delete-soap-auth-provider-userprop\(1\)](#), [list-soap-auth-provider-userprops\(1\)](#), [create-soap-auth-provider\(1\)](#), [set-soap-auth-provider-prop\(1\)](#), [get-soap-auth-provider-prop\(1\)](#), [delete-soap-auth-provider\(1\)](#), [list-soap-auth-providers\(1\)](#)

**Name** create-url-redirect – creates a forwarding URL

**Synopsis** create-url-redirect <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--fixed-url|-f] [--uri-prefix|-r *uri-prefix*] [--condition|-C *regex*] --vs|-s *vs-name* --target-url|-t *url* --config|-c *config-name*

**Description** Use this command to create a forwarding URL. URL redirection allows you to redirect document requests for one HTTP URL to another. Web Server uses the URL redirection method to inform users that a URL has changed (for example, if you have moved files to another directory or server).

Sometimes you may want to redirect requests for all documents in a sub directory to a new URL. For example, if you remove a directory because it was causing too much traffic or because the documents will no longer be served, you can redirect a request for any one the documents to a page explaining why the documents were no longer available. For example, a prefix on `../info/products` could be redirected to `http://www.new.com/explain.html`.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-prefix -r</code>	Specify the URI prefix you want to redirect.
<code>--condition -C</code>	Specify the URL redirect condition, whereby you can configure the server to redirect the URL based on the <code>&lt;If&gt;</code> condition. For example,

```
<If $path =~ "/foo(.*?)bar(.*)">
```

```
NameTrans fn="redirect" url="/baz$2qux$1"
```

```
</If>
```

**Note** – The `uri-prefix` and `condition` options are mutually exclusive.

<code>--target-url -t</code>	Specify the target URL to which the requests should be redirected.
<code>--fixed-url -f</code>	Specify this option if the destination URL is a fixed URL. Fixed URLs are static URLs like a link to a HTML page. Non-fixed URLs are dynamic URLs with request parameters or URLs with prefixes. By default, this option is set to <code>false</code> .
<code>--config -c</code>	Specify the name of the configuration for which you want to create a forwarding URL.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm create-url-redirect --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs --uri-prefix=/redirect  
--target-url=http://www.cnet.com --fixed-url=true`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [get-url-redirect-prop\(1\)](#), [delete-url-redirect\(1\)](#), [list-url-redirects\(1\)](#)

**Name** create-user – creates new users

**Synopsis** create-user <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--vs|-s *vs-name*] [--org-unit|-o *orgunit*]  
 [--first-name|-f *name*] [--full-name|-F *name*]  
 [--last-name|-n *name*] [--user-password|-W]  
 [--email|-m *address*] [--phone|-t *usercontact*]  
 [--title|-i *title*] [--realm|-L *realm*]  
 --config|-c *config-name* --authdb|-a *name* *userid*

**Description** Use this command to create a new Web Server user. A user entry contains information about an individual user such as, user accounts, access privileges, organization units, and other user specific information.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
--first-name -f	Specify the first name of the user.
--full-name -F	Specify the full name of the user.
--last-name -n	Specify the surname or last name of the user.
--user-password -W	Specify the password for the user being created. You can also define the user-password in the password file.
--email -m	Specify the email address of the user.
--phone -t	Specify the contact number of the user.
--title -i	Specify the title of the user.
--org-unit -o	Enter a description of an organizational unit within your company to which this user belongs.
--realm -L	Specify the realm that authenticates this user.

`--config|-c` Specify the name of the configuration for which you want to create the user.

`--authdb|-a` Specify the authentication database that will store the user information.

**Operands** *userid* Specify a unique ID of the user being created.

**Examples** `wadm create-user --user=admin --password-file=./admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 --full-name=ldap-config1-u1 --authdb=LDAP1  
serverhost-8989-ldap-config1-u1`

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [set-user-prop\(1\)](#), [delete-user\(1\)](#), [get-user-prop\(1\)](#), [list-users\(1\)](#)

---

**Name** create-variable – creates a new server.xml variable

**Synopsis** create-variable <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s *vs-name*] [--description|-D *text*] [--config|-c *config-name* (*var-name=value*)+

**Description** Use this command to create a server.xml variable. You can create a variable at the server as well as the virtual server levels.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--description -D	Type a description of the server.xml variable that you want to create.
--vs -s	Specify the name of the virtual server for which you want to create a variable.
--config -c	Specify the name of the configuration for which you want to create a variable.

**Operands** *var-name=value* Specify the name and value of the variable you want to create.

**Examples** wadm create-variable --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --description=variable1 user=user1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [delete-variable\(1\)](#), [list-variables\(1\)](#)

**Name** create-virtual-server – creates a new virtual server

**Synopsis** create-virtual-server <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--http-listener-name|-l *lsid*] [--host-pattern|-t *pattern1, pattern2 ...*] [--canonical-server-name|-n *hostname*] [--log-file|-f *path*] [--document-root|-d *path*] --config|-c *config-name* *virtual-server-name*

**Description** Use this command to create a new virtual server. The settings for virtual servers are stored in the `server.xml` file in the `server_root/server_ID/config` directory. All virtual servers have an HTTP listener specified. When a new request comes in, the Web Server determines which virtual server to send it to based on the configured HTTP listener.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
--verbose -v	Specify this option to display a verbose output.
--http-listener-name -l	Specify the name of an HTTP listener associated with one or more of the virtual server's host names.
--host-pattern -t	Define a list of hosts to be added to the new virtual server. To specify multiple URLs, separate them by a comma (,).
--canonical-server-name -n	Specify a canonical host name of the virtual server. Requests that use a different host name will be redirected to this host name.
--log-file -f	Specify a log file for the ACL file that controls access to the virtual server.
--document-root -d	Specify the document root for the virtual server.
--config -c	Specify the configuration where you want to create a new virtual server.

**Operands** *virtual-server-name* Specify the name of the virtual server.

**Examples** `wadm create-virtual-server --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --host-pattern=eas157,eas156`

```
--canonical-server-name=oldiws --log-file=log-file  
--document-root=./docs vs
```

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [set-virtual-server-prop\(1\)](#), [delete-virtual-server\(1\)](#), [get-virtual-server-prop\(1\)](#), [list-virtual-servers\(1\)](#), [copy-virtual-server\(1\)](#), [create-http-listener\(1\)](#), [create-config\(1\)](#)

**Name** delete-acl – deletes access control lists

**Synopsis** delete-acl <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--vs|-s vs-name] --config|-c config-name  
(aclname)+

**Description** Use this command to delete access control list (ACL).

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
--config -c	Specify the name of the configuration for which the stored access control lists are to be deleted.

**Operands** *aclname* Specify the name of the ACL that you want to delete.

**Examples** wadm delete-acl --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs acl\_vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [set-acl\(1\)](#), [get-acl\(1\)](#), [list-acls\(1\)](#)

**Name** delete-authdb – deletes an authentication database

**Synopsis** delete-authdb <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--vs|-s *vs-name*] --config|-c *config-name*  
*authdb-name*

**Description** Use this command to delete an authentication database.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the fully functioning virtual Web Server that resides within the same physical location of the Sun Java System Web Server.
--config -c	Specify the name of the configuration for which the authentication database is being deleted.

**Operands** *authdb-name* Specify the name of the authentication database.

**Examples** wadm delete-authdb --user=admin --password-file=./admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 DIGESTFILE1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [list-authdbs\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

**Name** delete-authdb-userprop – deletes the authentication database user properties

**Synopsis** delete-authdb-userprop <connect\_options> [-echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--vs|-s vs-name]  
 --config|-c config-name --authdb|-a dbname  
 (propertyname)+

**Description** Use this command to delete the authentication database user properties.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
--config -c	Specify the name of the configuration.
--authdb -a	Specify the name of the authentication database.

**Operands** *propertyname* Specify the name of the authentication database user property that you want to delete.

**Examples** wadm delete-authdb-userprop --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 --authdb=LDAP1 info

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [list-authdbs\(1\)](#), [delete-authdb\(1\)](#), [create-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

**Name** delete-auth-realm – deletes an authentication realm

**Synopsis** delete-auth-realm <connect\_options>[`--echo|-e`] [`--no-prompt|-Q`]  
`--verbose|-v`] `--config|-c` *config-name* *realm-name*

**Description** Use this command to delete an authentication realm.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.

<b>Operands</b> <i>realm-name</i>	Specify the name of the authentication realm that you want to delete.
-----------------------------------	---

**Examples** `wadm delete-auth-realm --user=admin --password-file=../admin.passwd`  
`--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null`  
`--config=config1 basic`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-auth-realm\(1\)](#), [set-auth-realm-prop\(1\)](#), [get-auth-realm-prop\(1\)](#), [list-auth-realms\(1\)](#), [create-auth-realm-userprop\(1\)](#), [delete-auth-realm-userprop\(1\)](#), [list-auth-realm-userprops\(1\)](#)

**Name** delete-auth-realm-userprop – deletes the authentication realm user properties

**Synopsis** delete-auth-realm-userprop <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
--realm|-L *name* (*propertyname*)

**Description** Use this command to delete an authentication realm user property.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--realm -L	Specify the name of the authentication realm.

**Operands** *propertyname* Specify the name of the authentication realm user property that you want to delete.

**Examples** wadm delete-auth-realm-userprop --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --realm=basic info

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-auth-realm-userprop\(1\)](#), [list-auth-realm-userprops\(1\)](#), [create-auth-realm\(1\)](#), [delete-auth-realm\(1\)](#), [get-auth-realm-prop\(1\)](#), [set-auth-realm-prop\(1\)](#), [list-auth-realms\(1\)](#)

**Name** delete-cert – deletes a certificate

**Synopsis** delete-cert <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--force|-f] [--token|-t *name*]  
 [--token-pin|-P *name*] --config|-c *config-name*  
*nickname*

**Description** Use this command to delete a certificate.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--force -f	Specify this option to enable a forced deletion of a certificate.
--token -t	Specify the token (cryptographic device) name, which contains the encrypted public key.
--token-pin -P	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the token-pin in the password file.
--config -c	Specify the name of the configuration for which you are deleting the certificate.

**Operands** *nickname* Specify the short name or the nick name of the certificate you want to delete.

**Examples** wadm delete-cert --user=admin --host=serverhost --port=8989  
 --ssl=true --prompt=false --rcfile=null --password-file=certdb.newpasswd  
 --config=config1 --token=internal cert2

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-cert-request\(1\)](#), [list-certs\(1\)](#), [install-cert\(1\)](#), [get-cert-prop\(1\)](#)

**Name** delete-cgi-dir – deletes a CGI directory

**Synopsis** delete-cgi-dir <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name* --vs|-s *vs-name*  
--uri-prefix|-r *uri-prefix*

**Description** Use this command to delete a common gateway interface (CGI) directory.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which the CGI directory is being deleted.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
--uri-prefix -r	Specify the name of the URI prefix to use for the CGI directory. This prefix appears as the directory for the CGI programs in URLs.

**Examples** wadm delete-cgi-dir --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 --vs=vs --uri-prefix=/config1\_urlprefix

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-cgi-dir\(1\)](#), [list-cgi-dirs\(1\)](#)

**Name** delete-cgi-envvar – deletes a CGI environment variable

**Synopsis** delete-cgi-envvar <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] --config|-c *config-name* (*varname*)+

**Description** Use this command to delete a common gateway interface (CGI) environment variable.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which the CGI environment variable that is being deleted.

<b>Operands</b> <i>varname</i>	Specify the name of the CGI environment variable being deleted.
--------------------------------	---

**Examples** wadm delete-cgi-envvar --user=admin --password-file=../admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 timeout idle-timeout cgistub-path cgistub-idle-timeout  
 min-cgistubs max-cgistubs nice

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-cgi-envvar\(1\)](#), [list-cgi-envvars\(1\)](#)

**Name** delete-config – deletes an existing configuration

**Synopsis** delete-config <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] config-name

**Description** Use this command to delete a configuration. Configuration with the specified name will be deleted from *install-dir/admin-server/config-store*. You can delete a configuration only if the configuration has no server instances referring to it.

**Caution** – Do not edit any file under the *config-store* directory. The files under this directory are created by Sun Java System Web Server for internal use.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

**Operands** config-name Specify the name of the configuration you want to delete.

**Examples** wadm delete-config --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
config1

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-config\(1\)](#), [list-configs\(1\)](#), [deploy-config\(1\)](#), [copy-config\(1\)](#), [pull-config\(1\)](#)

**Name** delete-crl – deletes a CRL

**Synopsis** delete-crl <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* *issuename*

**Description** Use this command to delete a CRL (certificate revocation list).

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration from which the CRL is being deleted.

**Operands** *issuename* Specify the name of the CRL issuer.

**Examples** wadm delete-crl --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 "GlobalSign ServerSign CA"

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [install-crl\(1\)](#), [list-crls\(1\)](#), [get-crl-prop\(1\)](#)

**Name** delete-custom-resource – deletes a custom resource

**Synopsis** delete-custom-resource <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
*resource-name*

**Description** Use this command to delete a custom resource.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

**Operands** *resource-name* Specify the name of the custom resource that you want to delete.

**Examples** wadm delete-custom-resource --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 custom

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [delete-custom-resource-userprop\(1\)](#), [list-custom-resource-userprops\(1\)](#), [create-custom-resource\(1\)](#), [set-custom-resource-prop\(1\)](#), [list-custom-resources\(1\)](#), [get-custom-resource-prop\(1\)](#)

**Name** delete-custom-resource-userprop – deletes a custom resource property

**Synopsis** delete-custom-resource-userprop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --jndi-name|-j *resourcename* (*propertyname*)<sup>+</sup>

**Description** Use this command to delete a custom resource property.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--jndi-name -j	Specify the JNDI name of the custom resource.

**Operands** *propertyname* Specify the name of the custom resource property that you want to delete.

**Examples** wadm delete-custom-resource-userprop --user=admin  
 --password-file=../admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1  
 --jndi-name=custom custresourceprop1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [list-custom-resource-userprops\(1\)](#), [create-custom-resource\(1\)](#), [set-custom-resource-prop\(1\)](#), [delete-custom-resource\(1\)](#), [list-custom-resources\(1\)](#), [get-custom-resource-prop\(1\)](#)

**Name** delete-dav-collection – deletes DAV collections

**Synopsis** delete-dav-collection <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
--uri|-r *uri-prefix* --vs|-s *vs-name*

**Description** Use this command to delete a DAV collection.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--uri -r	Specify the URI through which the content is accessed.
--vs -s	Specify the name of the virtual server where the WebDAV collection exists.

**Examples** wadm delete-dav-collection --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs --uri=/dav\_config1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-dav-collection\(1\)](#), [get-dav-collection-prop\(1\)](#), [set-dav-collection-prop\(1\)](#), [list-dav-collections\(1\)](#), [enable-dav-collection\(1\)](#), [disable-dav-collection\(1\)](#)

**Name** delete-document-dir – deletes a document directory

**Synopsis** delete-document-dir <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --vs|-s *vs-name* --uri-prefix|-r *uri-prefix*

**Description** Use this command to delete a document directory.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration where the document directory exists.
--vs -s	Specify the name of the virtual server.
--uri-prefix -r	Specify the URI prefix that has to be mapped to a directory.

**Examples** wadm delete-document-dir --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --uri-prefix=/config1\_uri

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-document-dir\(1\)](#), [list-document-dirs\(1\)](#)

**Name** delete-error-page – deletes error pages

**Synopsis** delete-error-page <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] --config|-c *config-name* --vs|-s *vs-name* --code|-d *errorcode*

**Description** Use this command to delete an error page.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--code -d	Specify the error code.

**Examples** wadm delete-error-page --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --code=500

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [set-error-page\(1\)](#), [get-error-page\(1\)](#), [list-error-pages\(1\)](#)

**Name** delete-event – deletes an existing event

**Synopsis** delete-event <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--time|-t hh:mm] [--month|-m 1-12] [--day-of-month|-d 1-31] [--day-of-week|-k sun/mon/tue/wed/thu/fri/sat] [--interval|-r 60-86400(seconds)] --config|-c config-name --command|-C restart|reconfig|rotate-log|rotate-access-log|update-crl|commandline

**Description** Use this command to delete a scheduled event.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--time -t	Specify the time you want this event start. The time format is hh:mm, for example, 12:30.
--month -m	Specify the month you want this event to occur. The range of values is 1–12.
--day-of-week -k	Specify the day of the week you want this event to occur. The values can be Sun, Mon, Tue, Wed, Thu, Fri or Sat.
--day-of-month -d	Specify the day of the month you want this event to occur. The range of values is 1–31.
--interval -r	Specify the time interval at which you want this event to occur. The range of values is 60–86400 seconds.
--config -c	Specify the name of the configuration.
--command -C	Specify the command the event executes. The values can be restart, reconfig, rotate-log, rotate-access-log, update-crl or commandline.

**Examples** wadm delete-event --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --time=20:30 --month=11 --day-of-week=mon --day-of-month=15 --interval=3600 --config=config1 --time=10:10 --command=restart

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [create-event\(1\)](#), [list-events\(1\)](#), [disable-event\(1\)](#), [enable-event\(1\)](#)

---

**Name** delete-external-jndi-resource – deletes an external JNDI resource

**Synopsis** delete-external-jndi-resource <*connect\_options*> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* *jndi-name*

**Description** Use this command to delete an external Java Naming and Directory Interface (JNDI) resource.

**Options** For *connect\_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

**Operands** *jndi-name* Specify the name of the external JNDI resource that you want to delete.

**Examples** wadm delete-external-jndi-resource --user=admin  
 --host=serverhost --password-file=../admin.passwd --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1 jndi1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#),  
[delete-external-jndi-resource-userprop\(1\)](#), [list-external-jndi-resource-userprops\(1\)](#),  
[create-external-jndi-resource\(1\)](#), [set-external-jndi-resource-prop\(1\)](#),  
[get-external-jndi-resource-prop\(1\)](#)

**Name** delete-external-jndi-resource-userprop – deletes an external JNDI resource property

**Synopsis** delete-external-jndi-resource-userprop <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
--jndi-name|-j *resourcename (propertyname)+*

**Description** Use this command to delete an external Java Naming and Directory Interface (JNDI) resource property.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--jndi-name -j	Specify the name of the external JNDI resource.

**Operands** *propertyname* Specify the name of the external JNDI resource property that you want to delete.

**Examples** wadm delete-external-jndi-resource-userprop --user=admin  
--password-file=../admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1  
--jndi-name=external-jndi info

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-external-jndi-resource\(1\)](#), [set-external-jndi-resource-prop\(1\)](#), [delete-external-jndi-resource\(1\)](#), [get-external-jndi-resource-prop\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#), [list-external-jndi-resource-userprops\(1\)](#)

**Name** delete-fastcgi-handler – deletes a FastCGI handler

**Synopsis** delete-fastcgi-handler <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--mime-type|-m *type*] [--uri-pattern|-t *pattern*] [--role|-o *authorizer|responder|filter|error*] --config|-c *config-name* --vs|-s *vs-name*

**Description** Use this command to delete a FastCGI handler.

**Options** For connect\_options description, see [help\(1\)](#).

- |                  |   |
|------------------|---|
| --echo -e        | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| --no-prompt -Q   | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.  |
| --verbose -v     | Specify this option to display a verbose output.  |
| --mime-type -m   | Specify the MIME type.  |
| --uri-pattern -t | Specify the URI pattern.  |
| --role -o        | Specify the role of the FastCGI Server Application Functions (SAFs). The role can be <i>authorizer</i> , <i>responder</i> , <i>filter</i> or <i>error</i> . <ul style="list-style-type: none"> <li>▪ In the <i>responder</i> role, the FastCGI application receives all information associated with an HTTP request and generates a response.</li> <li>▪ In the <i>authorizer</i> role, the FastCGI application receives all information associated with an HTTP request and generates an authorized or unauthorized decision.</li> <li>▪ In the <i>filter</i> role, the FastCGI application receives all information associated with an HTTP request and additional data from a file stored on the web server, and generates a filtered version of the data stream as an HTTP response.</li> <li>▪ In the <i>error</i> role, the FastCGI application terminates if an error occurs. You can configure the application to display a specific page or redirect the request to a URL if an error occurs.</li> </ul> |

- `--config|-c` Specify the name of the configuration for which you want to delete the FastCGI handler.
- `--vs|-s` Specify the name of the virtual server.

**Examples** `wadm delete-fastcgi-handler --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --mime-type=magnus-internal/fcgi --uri-pattern=/fcgi/* --role=filter --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

**See Also** [help\(1\)](#), [create-fastcgi-handler\(1\)](#), [get-fastcgi-handler-prop\(1\)](#), [set-fastcgi-handler-prop\(1\)](#), [list-fastcgi-handlers\(1\)](#)

**Name** delete-group – deletes user groups

**Synopsis** delete-group <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--vs|-s vs-name] [--org-unit|-o ou]  
 --config|-c config-name --authdb|-a name group-id

**Description** Use this command to delete a user group.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
--org-unit -o	Give a description of an organizational unit within your company to which this user belongs.
--authdb -a	Specify the authentication database where the group information is stored.

**Operands** *group-id* Specify the ID of the user group that you want to delete.

**Examples** wadm delete-group --user=admin --password-file=../admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 --authdb=LDAP1 serverhost-8989-ldap-config1-g1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-group\(1\)](#), [list-groups\(1\)](#)

**Name** delete-group-member – deletes group members

**Synopsis** delete-group-member <*connect\_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s *vs-name*] [--org-unit|-o *orgunit*] [--config|-c *config-name*] [--authdb|-a *name*] [--group|-g *group-id* (*uid*)+

**Description** Use this command to delete an existing group member.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the fully functioning virtual Web server that resides within the same physical location as the Sun Java System Web Server.
--org-unit -o	Give a description of an organizational unit within your company to which this group member belongs.
--authdb -a	Specify the authentication database in which the group information is stored.
--group -g	Specify the ID of the group.

**Operands** *uid* Specify the ID of the group member.

**Examples** wadm delete-group-member --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --authdb=keyfile --group=group1 user1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-group-member\(1\)](#), [list-group-members\(1\)](#)

**Name** delete-home-page – deletes the home page

**Synopsis** delete-home-page <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] --config|-c *config-name* --vs|-s *vs-name*

**Description** Use this command to delete the home page.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Examples** wadm delete-home-page --user=admin --password-file=../admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#),  
[get-directory-listing-prop\(1\)](#), [set-default-content-type\(1\)](#), [get-default-content-type\(1\)](#),  
[set-home-page\(1\)](#), [get-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

**Name** delete-http-listener – deletes HTTP listener socket

**Synopsis** delete-http-listener <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--force|-f] --config|-c *config-name* *listener-name*

**Description** Use this command to delete a HTTP listener socket.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--force -f	Specify this option to enable a forced deletion of the HTTP listener.
--config -c	Specify the name of the configuration where the HTTP listener socket exists.

**Operands** *listener-name* Specify the name of the HTTP listener that you want to delete.

**Examples** wadm delete-http-listener --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --force http\_ls1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-http-listener\(1\)](#), [set-http-listener-prop\(1\)](#), [list-http-listeners\(1\)](#), [get-http-listener-prop\(1\)](#)

**Name** delete-instance – deletes instance(s)

**Synopsis** delete-instance <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--save-logs|-S] [--force|-f]  
 --config|-c *config-name* (*nodehost*)+

**Description** Use this command to delete instances of the specified configuration and nodes.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--force -f	Specify this option to enable a forced deletion of an instance.
--save-logs -S	Specify this option to save the logs while deleting an instance.
--config -c	Specify the name of the configuration that the instance points to.

**Operands** *nodehost* Specify the name of the node.

**Examples** wadm delete-instance --user=admin --password-file=./admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 serverhost

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

**Name** delete-jdbc-resource – deletes JDBC resources

**Synopsis** delete-jdbc-resource <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name* *jndi-name*

**Description** Use this command to delete a JDBC resource from the named configuration.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

**Operands** *jndi-name* Specify the JNDI name of the JDBC resource.

**Examples** wadm delete-jdbc-resource --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 jdbc

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#), [list-jdbc-resource-userprops\(1\)](#), [create-jdbc-resource\(1\)](#), [set-jdbc-resource-prop\(1\)](#), [list-jdbc-resources\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

**Name** delete-jdbc-resource-userprop – deletes the JDBC resource properties

**Synopsis** delete-jdbc-resource-userprop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--property-type|-t *type*]  
 --config|-c *config-name* --jndi-name|-j *resourcename*  
 (*propertyname*)+

**Description** Use this command to delete a JDBC resource property.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--property-type|-t Specify the type of the JDBC resource property. The types of property can be property, connection-lease-property, or connection-creation-property. The default type is property.

--config|-c Specify the name of the configuration.

--jndi-name|-j Specify the JNDI name of the JDBC resource.

**Operands** *propertyname* Specify the name of the JDBC resource property that you want to delete.

**Examples** wadm delete-jdbc-resource-userprop --user=admin  
 --password-file=./admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1  
 --jndi-name=jdbc info

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [list-jdbc-resource-userprops\(1\)](#), [create-jdbc-resource\(1\)](#), [set-jdbc-resource-prop\(1\)](#), [delete-jdbc-resource\(1\)](#), [list-jdbc-resources\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

**Name** delete-jvm-options – deletes JVM options

**Synopsis** delete-jvm-options <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--profiler|-r profiler-name] [--debug-options|-d] [--config|-c config-name (jvm\_option\_name=jvm\_option\_value) [:jvm\_option\_name=jvm\_option\_value]\*

**Description** Use this command to delete the Java Virtual Machine (JVM) options.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--profiler -r	Specify the name of the JVM profiler to which these JVM options apply to.
--debug-options -d	If you specify this option, the JVM options of type debug is deleted.

**Operands** jvm\_option\_name=jvm\_option\_value  
The left side of the equal sign (=) is the JVM option name. The right side of the equal sign (=) is the JVM option value. A colon (:) is a delimiter for multiple options.

**Note** – While specifying the JVM options, use hyphens (--) as a delimiter. Else, the JVM options that you define will be interpreted as a CLI option.

**Examples** wadm delete-jvm-options --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 -Dhttp.proxyHost=proxyHost.com -Dhttp.proxyPort=8080

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-jvm-options\(1\)](#), [list-jvm-options\(1\)](#)

**Name** delete-jvm-profiler – deletes JVM profilers

**Synopsis** delete-jvm-profiler <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name name*

**Description** Use this command to delete a Java Virtual Machine (JVM) profiler.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

**Operands** *name* Specify the name of the JVM profiler that you want to delete.

**Examples** wadm delete-jvm-profiler --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 jvmprofiler1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-jvm-profiler\(1\)](#), [set-jvm-profiler-prop\(1\)](#), [get-jvm-profiler-prop\(1\)](#), [create-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#), [list-jvm-options\(1\)](#)

**Name** delete-lifecycle-module – deletes lifecycle modules

**Synopsis** delete-lifecycle-module <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name name*

**Description** Use this command to delete a lifecycle module.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

**Operands** *name* Specify the name of the life cycle module that you want to delete.

**Examples** wadm delete-lifecycle-module --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true  
 --no-prompt --rcfile=null --config=config1 LifecycleMod

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-lifecycle-module\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [get-lifecycle-module-prop\(1\)](#), [list-lifecycle-modules\(1\)](#), [create-lifecycle-module-userprop\(1\)](#), [delete-lifecycle-module-userprop\(1\)](#), [list-lifecycle-module-userprops\(1\)](#)

**Name** delete-lifecycle-module-userprop – deletes the lifecycle module properties

**Synopsis** delete-lifecycle-module-userprop <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
--module|-m *name* (*propertyname*)<sup>+</sup>

**Description** Use this command to delete a lifecycle module property.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

--module|-m Specify the name of the life cycle module.

**Operands** *propertyname* Specify the name of the lifecycle module property that you want to delete.

**Examples** wadm delete-lifecycle-module-userprop --user=admin  
--password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1 --module=LifecycleMod info

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-lifecycle-module-userprop\(1\)](#), [list-lifecycle-module-userprops\(1\)](#), [create-lifecycle-module\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [delete-lifecycle-module\(1\)](#), [get-lifecycle-module-prop\(1\)](#), [list-lifecycle-modules\(1\)](#)

**Name** delete-mail-resource – deletes mail resources

**Synopsis** delete-mail-resource <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* *jndi-name*

**Description** Use this command to delete a mail resource.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

**Operands** *jndi-name* Specify the JNDI name of the mail resource.

**Examples** wadm delete-mail-resource --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 MailReso

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-mail-resource\(1\)](#), [set-mail-resource-prop\(1\)](#), [list-mail-resources\(1\)](#), [get-mail-resource-prop\(1\)](#), [set-mail-resource-prop\(1\)](#), [create-mail-resource-userprop\(1\)](#), [delete-mail-resource-userprop\(1\)](#), [list-mail-resource-userprops\(1\)](#)

**Name** delete-mail-resource-userprop – deletes the mail resource user properties

**Synopsis** delete-mail-resource-userprop <connect\_options> [-echo|-e]  
[-no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
--jndi-name|-j *resourcename* (*propertyname*)<sup>+</sup>

**Description** Use this command to delete the mail resource user properties.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

--jndi-name|-j Specify the JNDI name of the mail resource.

**Operands** *propertyname* Specify the name of mail resource user property that you want to delete.

**Examples** wadm delete-mail-resource-userprop --user=admin  
--password-file=../admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1  
--jndi-name=MailReso mail.user

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-mail-resource\(1\)](#), [delete-mail-resource\(1\)](#), [list-mail-resources\(1\)](#), [get-mail-resource-prop\(1\)](#), [set-mail-resource-prop\(1\)](#), [create-mail-resource-userprop\(1\)](#), [list-mail-resource-userprops\(1\)](#)

**Name** delete-mime-type – deletes MIME types

**Synopsis** delete-mime-type <*connect\_options*> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--vs|-s *vs-name*] [--category|-y *type|enc|lang*]  
 --config|-c *config-name* *content-type*

**Description** Use this command to delete a MIME (Multi-purpose Internet Mail Extension) type.

**Options** For *connect\_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of a virtual server.
--category -y	Specify the category of the MIME types. The value can be <i>type</i> , <i>enc</i> , or <i>lang</i> .
--config -c	Specify the name of the configuration.

**Operands** *content-type* Specify the content type to be deleted.

**Examples** wadm delete-mime-type --user=admin --host=serverhost  
 --password-file=./admin.passwd --port=8989 --ssl=true  
 --no-prompt --rcfile=null --config=config1 appl/sxc

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-mime-type\(1\)](#), [list-mime-types\(1\)](#)

**Name** delete-reverse-proxy – deletes a reverse proxy

**Synopsis** delete-reverse-proxy <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name* --vs|-s *vs-name*  
--uri-prefix|-r *uri-prefix*

**Description** Use this command to delete a reverse proxy.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--uri-prefix -r	Specify the URI prefix of the reverse proxy that you want to delete.

**Examples** wadm delete-reverse-proxy --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs --uri-prefix=/simple/

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-reverse-proxy\(1\)](#), [list-reverse-proxy-uris\(1\)](#), [get-reverse-proxy-prop\(1\)](#), [set-reverse-proxy-prop\(1\)](#), [block-reverse-proxy-header\(1\)](#), [forward-reverse-proxy-header\(1\)](#), [list-reverse-proxy-headers\(1\)](#)

**Name** delete-search-collection – deletes search collections

**Synopsis** delete-search-collection <*connect\_options*> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --vs|-s *vs-name* *collection-name*

**Description** Use this command to delete a search collection.

**Options** For *connect\_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Operands** *collection-name* Specify the name of the search collection that you want to delete.

**Examples** wadm delete-search-collection --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 --vs=vs searchcoll2

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-search-collection\(1\)](#), [set-search-collection-prop\(1\)](#), [list-search-collections\(1\)](#), [get-search-collection-prop\(1\)](#), [reindex-search-collection\(1\)](#)

**Name** delete-search-event – deletes a search event

**Synopsis** delete-search-event <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--no-enabled|-n] [--encoding|-g *encoding*] [--no-subdirs|-S] [--pattern|-P *pattern*] ((--time|-t *hh:mm*) [--month|-m *1-12*] [--day-of-week|-k *sun/mon/tue/wed/thu/fri/sat*] [--day-of-month|-d *1-31*]) [--interval|-r *60-86400(seconds)*] --config|-c *config-name* --vs|-s *vs-name* --collection|-O *name* --command|-C *add-documents|reindex*

**Description** Use this command to delete a search event.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--no-enabled -n	Specify this option to disable the search event at runtime.
--time -t	Specify a time when this search event is scheduled.
--day-of-month -d	Specify the day of the month when this search event is scheduled. The range of values is 1–31.
--day-of-week -k	Specify the day of the week when this search event is scheduled. The values can be Sun, Mon, Tue, Wed, Thu, Fri or Sat.
--interval -r	Specify the time interval, in seconds, at which this search event will occur. The range of values is 60–86400.
--month -m	Specify the month when this search event is scheduled. The range of values is 1 to 12.
--command -C	Specify the task the search event executes. The value can be add-documents or reindex.

---

<code>--encoding -g</code>	Specify the character encoding for the documents to be re-indexed. The default is ISO-8859-1. The indexing engine tries to determine the encoding of HTML documents from the embedded meta tag.
<code>--no-subdirs -S</code>	If you specify this option, sub directories of the document root will not be searched.
<code>--pattern -P</code>	Specify the wild card pattern of the documents.
<code>--config -c</code>	Specify the name of the configuration for which you want to delete the search event.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--collection -O</code>	Specify the name of the collection.

**Examples** `wadm delete-search-event --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --time=20:30 --month=11 --day-of-week=mon --day-of-month=15 --interval=3600 --command=reindex --collection=collection1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-search-event\(1\)](#), [list-search-events\(1\)](#), [disable-search-event\(1\)](#), [enable-search-event\(1\)](#)

**Name** delete-soap-auth-provider – deletes SOAP authentication provider

**Synopsis** delete-soap-auth-provider <*connect\_options*> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
*provider\_name*

**Description** Use this command to delete a SOAP authentication provider.

**Options** For *connect\_options* description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

**Operands** *provider\_name* Specify the name of the SOAP authentication provider that you want to delete.

**Examples** wadm delete-soap-auth-provider --user=admin  
--password-file=../admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1 soap-auth

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-soap-auth-provider\(1\)](#), [set-soap-auth-provider-prop\(1\)](#), [get-soap-auth-provider-prop\(1\)](#), [list-soap-auth-providers\(1\)](#), [create-soap-auth-provider-userprop\(1\)](#), [delete-soap-auth-provider-userprop\(1\)](#), [list-soap-auth-provider-userprops\(1\)](#)

**Name** delete-soap-auth-provider-userprop – deletes the SOAP authentication provider properties

**Synopsis** delete-soap-auth-provider-userprop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --provider|-o *name* (*propertyname*)\*

**Description** Use this command to delete a SOAP authentication provider property.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--provider -o	Specify the name of the SOAP authentication provider.

**Operands** *propertyname* Specify the name of the SOAP authentication provider property that you want to delete.

**Examples** wadm delete-soap-auth-provider-userprop --user=admin  
 --password-file=../admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1  
 --provider=soap-auth info

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-soap-auth-provider-userprop\(1\)](#), [list-soap-auth-provider-userprops\(1\)](#), [create-soap-auth-provider\(1\)](#), [set-soap-auth-provider-prop\(1\)](#), [get-soap-auth-provider-prop\(1\)](#), [delete-soap-auth-provider\(1\)](#), [list-soap-auth-providers\(1\)](#)

**Name** delete-url-redirect – deletes a forwarding URL

**Synopsis** delete-url-redirect <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] [--uri-prefix|-r *uri-prefix*]  
[--condition|-C *regex*] --config|-c *config-name*  
--vs|-s *vs-name*

**Description** Use this command to delete a forwarding URL.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--uri-prefix -r	Specify the URI prefix you want to redirect. The uri-prefix and condition options are mutually exclusive.
--condition -C	Specify the URL redirect condition. The condition and uri-prefix options are mutually exclusive.

**Examples** wadm delete-url-redirect --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs --uri-prefix=/redirect

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-url-redirect\(1\)](#), [get-url-redirect-prop\(1\)](#), [list-url-redirects\(1\)](#)

**Name** delete-user – deletes users

**Synopsis** delete-user <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--vs|-s vs-name] [--org-unit|-o ou]  
 [--realm|-L realm] --config|-c config-name  
 --authdb|-a name userid

**Description** Use this command to delete an existing user.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
--org-unit -o	Give a description of an organizational unit within your company to which this user belongs.
--config -c	Specify the name of the configuration.
--authdb -a	Specify the name of the authentication database that stores the user information.
--realm -L	Specify the name of the realm that authenticates this user.

**Operands** *userid* Specify the ID of the user to be deleted.

**Examples** wadm delete-user --user=admin --password-file=../admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 --authdb=keyfile1 user1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-user\(1\)](#), [set-user-prop\(1\)](#), [get-user-prop\(1\)](#), [list-users\(1\)](#)

**Name** delete-variable – deletes a server.xml variable

**Synopsis** delete-variable <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--vs|-s vs-name] --config|-c config-name  
(varname)+

**Description** Use this command to delete a server.xml variable.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration.

**Operands** varname Specify the name and value of the variable you want to delete.

**Examples** wadm delete-variable --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs foo

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-variable\(1\)](#), [list-variables\(1\)](#)

---

**Name** delete-virtual-server – deletes virtual servers

**Synopsis** `delete-virtual-server <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name virtual-server-name`

**Description** Use this command to delete a virtual server.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.

**Operands** *virtual-server-name* Specify the name of the virtual server that you want to delete.

**Examples** `wadm delete-virtual-server --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 vs1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-virtual-server\(1\)](#), [set-virtual-server-prop\(1\)](#), [get-virtual-server-prop\(1\)](#), [list-virtual-servers\(1\)](#), [copy-virtual-server\(1\)](#)

**Name** `deploy-config` – deploys a configuration

**Synopsis** `deploy-config <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--force|-f] [--restart|-r] [--no-reconfig|-o] config-name`

**Description** Use this command to deploy a configuration to the nodes. Whenever you create a new configuration or make changes to an existing configuration, you have to deploy the configuration for the changes to take effect. The configuration is deployed to all the instances of a configuration.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--force|-f` Specify this option for the command to overwrite any manual changes done to the configuration files in the instance. If you use this option,
  - The instance will be overwritten with the latest version of all the files in the `config-store`.
  - Any non-directory deployed web application, that is, any web application deployed with a `.war` file will lose all its session information, if any. If the `--reconfig=false` option is given, the session information is not lost but the server instance will not serve the deployed configuration.
- `--restart|-r` Specify this option for the command to restart the instances running in this configuration.
- `--no-reconfig|-o` If you specify this option, the command will not reconfigure a configuration.

**Operands** `config-name` Specify the name of the configuration you want to deploy.

**Examples** `wadm deploy-config --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null config1`

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [create-config\(1\)](#), [list-configs\(1\)](#), [delete-config\(1\)](#), [copy-config\(1\)](#), [pull-config\(1\)](#)

**Name** disable-access-log – disables the access log

**Synopsis** `disable-access-log <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s vs-name] [--uri-pattern|-t pattern] [--config|-c config-name]`

**Description** Use this command to disable the access log.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--config -c</code>	Specify the name of the configuration.

**Examples** `wadm disable-access-log --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --uri-pattern="*.html"`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-access-log-prop\(1\)](#), [disable-access-log\(1\)](#)

**Name** `disable-admin-ldap-auth` – disables LDAP authentication for the administration server.

**Synopsis** `disable-admin-ldap-auth <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]`

**Description** Use this command to disable the administration server from authenticating against a Lightweight Directory Access Protocol (LDAP) server. The administration server uses the default keyfile for authentication instead of LDAP.

**Options** For a description of `connect_options`, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before running it. This option also prints the default value for all the optional options for which you did not provide values.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> does not prompt for passwords while running this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.

**Examples** `wadm disable-admin-ldap-auth --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [enable-admin-ldap-auth\(1\)](#), [get-admin-ldap-auth-prop\(1\)](#)

**Name** disable-cgi-file-type – disables the CGI support

**Synopsis** `disable-cgi-file-type <connect_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] [--vs|-s vs-name]  
[--uri-pattern|-t pattern] --config|-c config-name`

**Description** Use this command to disable the common gateway interface (CGI) support for certain files types registered in the mime-types file.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--vs -s</code>	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
<code>--config -c</code>	Specify the name of the configuration for which the stored CGI properties are displayed.

**Examples** `wadm disable-cgi-file-type --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null--config=config1 --vs=vs --uri-pattern=/foo*`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [set-cgi-prop\(1\)](#), [create-cgi-dir\(1\)](#), [delete-cgi-dir\(1\)](#), [list-cgi-dirs\(1\)](#), [get-cgi-file-type-prop\(1\)](#), [enable-cgi-file-type\(1\)](#)

**Name** disable-ciphers – disables ciphers

**Synopsis** `disable-ciphers <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--cipher-type|-t ssl2/ssl3tls] [--config|-c config-name --http-listener|-l name (cipher-name)+`

**Description** Use this command to disable SSL ciphers.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--cipher-type -t</code>	Specify the type of supported ciphers. The type can be <code>ssl2</code> or <code>ssl3tls</code> .
<code>--config -c</code>	Specify the name of the configuration file that contains the metadata to configure the runtime services of the Web Server.
<code>--http-listener -l</code>	Specify the name of the HTTP listener.

**Operands** *cipher-name* Specify the name of the SSL cipher that you want to disable.

**Examples** `wadm disable-ciphers --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --http-listener=config1_ls --cipher-type=ssl3tls SSL_RSA_WITH_RC4_128_SHA`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-ciphers\(1\)](#), [set-ssl-prop\(1\)](#), [get-ssl-prop\(1\)](#)

**Name** disable-dav-collection – disables WebDAV collections

**Synopsis** disable-dav-collection <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
--vs|-s *vs-name* --uri|-r *uri*

**Description** Use this command to disable a WebDAV collection.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server where this WebDAV collection exists.
--uri -r	Specify a URI through which the content is accessed.

**Examples** wadm **disable-dav-collection --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs --uri=/dav\_config1**

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-dav-collection\(1\)](#), [get-dav-collection-prop\(1\)](#), [set-dav-collection-prop\(1\)](#), [list-dav-collections\(1\)](#), [delete-dav-collection\(1\)](#), [enable-dav-collection\(1\)](#)

**Name** disable-directory-listing – disables directory listing

**Synopsis** disable-directory-listing <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--error-page|-g *filepath*]  
 --config|-c *config-name* --vs|-s *vs-name*

**Description** Use this command to disable directory listing and set an error response file.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--error-page -g	Specify the file to be displayed as a customized error response page.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Examples** wadm **disable-directory-listing** --user=admin  
 --password-file=../admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null  
 --error-page=data/disable-directory-listing/errorfile.html  
 --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-directory-listing-prop\(1\)](#), [enable-directory-listing\(1\)](#), [get-default-content-type\(1\)](#), [set-default-content-type\(1\)](#), [get-home-page\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

**Name** disable-document-footer – disables document footers

**Synopsis** disable-document-footer <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*]  
--config|-c *config-name* --vs|-s *vs-name*

**Description** Use this command to disable the document footer.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI pattern.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Examples** wadm **disable-document-footer** --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-document-footer\(1\)](#), [get-document-footer-prop\(1\)](#)

**Name** disable-event – disables events

**Synopsis** `disable-event <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [(--time=hh:mm [--month=1-12] [--day-of-week=sun|mon|tue|wed|thu|fri|sat] [--day-of-month=1-31]) | --interval=60-86400(seconds)] --config|-c config-name --command|-C restart|reconfig|rotate-log|rotate-access-log|update-crl|commandline`

**Description** Use this command to disable a scheduled event.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--time -t</code>	Specify the time you want this event start. The time format is hh:mm, for example, 12:30.
<code>--month -m</code>	Specify the month you want this event to occur. The range of values is 1-12.
<code>--day-of-week -k</code>	Specify the day of the week you want this event to occur. The values can be Sun, Mon, Tue, Wed, Thu, Fri or Sat.
<code>--day-of-month -d</code>	Specify the day of the month you want this event to occur. The range of values is 1-31.
<code>--interval -r</code>	Specify the time interval at which you want this event to occur. The range of values is 60-86400 seconds.
<code>--config -c</code>	Specify the name of the configuration.
<code>--command -C</code>	Specify the command the event executes. The values can be restart, reconfig, rotate-log, rotate-access-log, update-crl or commandline.

**Examples** `wadm disable-event --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --time=20:30 --month=11 --day-of-week=mon --day-of-month=2 --interval=3600 --config=config1 --command=restart`

**Exit Status** The following exit values are returned:

- 0           command executed successfully
- >0         error in executing the command

**See Also** [help\(1\)](#), [create-event\(1\)](#), [delete-event\(1\)](#), [list-events\(1\)](#), [enable-event\(1\)](#)

**Name** disable-htaccess – disables the .htaccess file

**Synopsis** `disable-htaccess <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] --config|-c config-name --vs|-s vs-name`

**Description** Use this command to disable the .htaccess file.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm disable-htaccess --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-htaccess\(1\)](#), [get-htaccess-prop\(1\)](#)

**Name** disable-java – disables Java

**Synopsis** `disable-java <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name`

**Description** Use this command to disable Java for a particular configuration. By default, Java is enabled for Sun Java System Web Server 7.0.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.

**Examples** `wadm disable-java --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-java\(1\)](#)

**Name** disable-on-demand-compression – disables on-demand compression

**Synopsis** `disable-on-demand-compression <connect_options> [- -echo|-e]  
[- -no-prompt|-Q] [- -verbose|-v] [- -uri-pattern|-t pattern]  
[- -vs|-s vs-name - -config|-c config-name`

**Description** Use this command to disable on-demand compression.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm disable-on-demand-compression --user=admin  
--password-file=../admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-on-demand-compression\(1\)](#), [get-on-demand-compression-prop\(1\)](#)

**Name** disable-p3p – disables P3P

**Synopsis** `disable-p3p <connect_options> [-echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c config-name --vs|-s vs-name`

**Description** Use this command to disable P3P (platform for privacy preferences), which is a protocol that specifies a way to enable web security policies.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm disable-p3p --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-p3p\(1\)](#), [get-p3p-prop\(1\)](#)

**Name** disable-parsed-html – disables parsed HTML content

**Synopsis** `disable-parsed-html <connect_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern]  
 --vs|-s vs-name --config|-c config-name`

**Description** Use this command to disable the parsed HTML content.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--config -c</code>	Specify the name of the configuration.

**Examples** `wadm disable-parsed-html --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-parsed-html\(1\)](#), [get-parsed-html-prop\(1\)](#)

**Name** disable-perfdump – disables the perfdump utility

**Synopsis** disable-perfdump <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--vs|-s vs-name] --config|-c config-name

**Description** Use this command to disable the perfdump utility.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration.

**Examples** wadm **disable-perfdump --user=admin --host=serverhost**  
**--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt**  
**--rcfile=null --config=config1 --vs=vs**

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-perfdump\(1\)](#), [get-perfdump-prop\(1\)](#), [enable-perfdump\(1\)](#)

**Name** disable-precompressed-content – disables precompressed content

**Synopsis** disable-precompressed-content <connect\_options> [-echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*]  
 --vs|-s *vs-name* --config|-c *config-name*

**Description** Use this command to disable precompressed content.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Examples** wadm **disable-precompressed-content** --user=admin  
 --password-file=../admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-precompressed-content\(1\)](#), [get-precompressed-content-prop\(1\)](#)

**Name** disable-request-limits – disables request limits

**Synopsis** `disable-request-limits <connect_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern]  
--config|-c config-name --vs|-s vs-name`

**Description** Use this command to disable the request limits.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI pattern.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm disable-request-limits --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1 --vs=vs --uri-pattern=/foo*`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-request-limits-prop\(1\)](#), [set-request-limits-prop\(1\)](#), [enable-request-limits\(1\)](#)

**Name** disable-search-event – disables search events

**Synopsis** `disable-search-event <connect_options> [--echo|-e]`  
 `[--no-prompt|-Q] [--verbose|-v] [--pattern|-P pattern]`  
 `((--time|-t hh:mm) [--month|-m 1-12]`  
 `[--day-of-week|-k sun/mon/tue/wed/thu/fri/sat]`  
 `[--day-of-month|-d 1-31])|--interval|-r 60-86400(seconds))`  
`--config|-c config-name --vs|-s vs-name`  
`--collection|-O name --command|-C`  
`add-documents|reindex`

**Description** Use this command to disable a search event.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--time -t</code>	Specify a time when this search event is scheduled.
<code>--day-of-month -d</code>	Specify the day of the month when this search event is scheduled. The range of values is 1–31.
<code>--day-of-week -k</code>	Specify the day of the week when this search event is scheduled. The values can be Sun, Mon, Tue, Wed, Thu, Fri or Sat.
<code>--interval -r</code>	Specify the time interval, in seconds, at which this search event will occur. The range of values is 60–86400.
<code>--month -m</code>	Specify the month when this search event is scheduled. The range of values is 1 to 12.
<code>--pattern -P</code>	Specify the wild card pattern of the documents that have to be added.
<code>--command -C</code>	Specify the command the search event executes. The values can be <code>add-documents</code> or <code>reindex</code> .
<code>--config -c</code>	Specify the name of the configuration for which you want to disable the search event.

`--vs|-s` Specify the name of the virtual server.  
`--collection|-0` Specify the name of the collection.

**Examples** `wadm disable-search-event --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --time=20:30 --month=11  
--day-of-week=mon --day-of-month=15 --interval=3600 --vs=vs1  
--config=config1 --command=reindex --collection=collection1`

**Exit Status** The following exit values are returned:

`0` command executed successfully  
`>0` error in executing the command

**See Also** [help\(1\)](#), [create-search-event\(1\)](#), [delete-search-event\(1\)](#), [list-search-events\(1\)](#),  
[disable-search-event\(1\)](#)

**Name** disable-secretkey-restriction – disables secret key restriction

**Synopsis** disable-secretkey-restriction <connect\_options> [-echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern]  
 --vs|-s vs-name --config|-c config-name

**Description** Use this command to disable the secret key restriction.

<b>Options</b> --echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--config -c	Specify the name of the configuration for which you want to disable the secret key restrictions.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.

**Examples** wadm disable-secretkey-restriction --user=admin  
 --password-file=../admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-secretkey-restriction\(1\)](#), [get-secretkey-restriction-prop\(1\)](#)

**Name** disable-single-signon – disables single sign-on

**Synopsis** `disable-single-signon <connect_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] --config|-c config-name  
--vs|-s vs-name`

**Description** Use this command to disable single sign-on.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm disable-single-signon --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-single-signon\(1\)](#), [get-single-signon-prop\(1\)](#)

**Name** disable-snmp – disables SNMP

**Synopsis** `disable-snmp <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name`

**Description** Use this command to disable SNMP.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.

**Examples** `wadm disable-snmp --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-snmp\(1\)](#), [get-snmp-prop\(1\)](#)

**Name** disable-stats-xml – disables the server instance statistics

**Synopsis** `disable-stats-xml <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --vs|-s vs-name --config|-c config-name`

**Description** Use this command to disable the server instance statistics.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm disable-stats-xml --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** `0` command executed successfully  
`>0` error in executing the command

**See Also** [help\(1\)](#), [get-stats-xml\(1\)](#), [get-stats-xml-prop\(1\)](#), [enable-stats-xml\(1\)](#)

**Name** disable-unix-homedir – disables the UNIX home directory

**Synopsis** `disable-unix-homedir <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name --vs|-s vs-name`

**Description** Use this command to disable the UNIX home directory.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the configuration where the user document directory exists.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm disable-unix-homedir --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-unix-homedir\(1\)](#), [get-unix-homedir-prop\(1\)](#)

**Name** disable-webapp – disables web applications

**Synopsis** `disable-webapp <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --vs|-s vs-name --uri|-r context-root --config|-c config-name`

**Description** Use this command to disable a web application.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri -r</code>	Specify the root URI for the web application.
<code>--config -c</code>	Specify the name of the configuration.

**Examples** `wadm disable-webapp --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --uri=/simpleapp`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [add-webapp\(1\)](#), [enable-webapp\(1\)](#), [enable-webapp\(1\)](#), [list-webapps\(1\)](#)

**Name** disable-webdav – disables WebDAV

**Synopsis** `disable-webdav <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name`

**Description** Use this command to disable WebDAV (Web-based Distributed Authoring and Versioning).

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.

**Examples** `wadm disable-webdav --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-webdav\(1\)](#), [set-webdav-prop\(1\)](#), [get-webdav-prop\(1\)](#)

**Name** enable-access-log – enables the access log

**Synopsis** enable-access-log <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--format|-f *log-format*] [--log-ip|-o]  
 [--vs|-s *vs-name*] [--uri-pattern|-t *pattern*]  
 --config|-c *config-name* --file|-l *log-file*

**Description** Use this command to enable the access log.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--format -f	Specify the log format string for an access log.
--log-ip -o	Set this option to true to log the IP of the client into the access log.
--uri-pattern -t	Specify the URI wildcard pattern.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration.
--file -l	Specify the file name for access log.

**Examples** wadm enable-access-log --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 --vs=vs --uri-pattern="\*.html"  
 --file=../logs/access.new --log-ip=true--format="%Req->reqpb.  
 protocol% %Req->headers.authorization% %vsid% %Ses->client.dns%"

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-access-log-prop\(1\)](#), [disable-access-log\(1\)](#)

**Name** enable-admin-ldap-auth – enables LDAP authentication for the administration server.

**Synopsis** enable-admin-ldap-auth <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--auth-expiring-url|-a *url*] [--bind-dn|-b *binddn*] [--bind-password|-b *bindpw*] [--group-search-filter|-o *filter*] [--search-filter|-f *filter*] [--group-search-attr|-t *attr*] [--dc-suffix|-x *suffix*] [--allow-group|-g *group names*] --ldap-url|-l *ldap://server:port/dc=acme,dc=com*

**Description** Use this command to enable the administration server to authenticate against a Lightweight Directory Access Protocol (LDAP) server.

**Options** For a description of `connect_options`, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before running it. This option also prints the default value for all the optional options for which you did not provide values.
- `--no-prompt|-Q` If you specify this option, `wadm` does not prompt for passwords while running this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--auth-expiring-url|-a` Specify the URL to which the server redirects the request if the password is going to expire soon.
- `--bind-dn|-d` Specify the name that the administration server uses to initially bind (or log in) to the directory server, for example, `cn=Directory Manager`. Binding determines the permission level you are granted for the duration of a connection. The DN supplied in a bind request can be the DN of an alias entry.
- `--bind-password|-b` Specify the password for authentication. You can define the `--bind-password|-b` in a password file.
- `--group-search-filter|-o` Specify the search filter to find group memberships for the user. The default value is `uniqueMember`.
- `--search-filter|-f` Specify the search filter to find a user. The default value is `uid`. You can use the search options to interoperate with Microsoft Active Directory (MSAD). By default, MSAD does not store the user ids in the usual `uid` attribute. Instead, it stores the user ids in an attribute called `samAccountName`. Therefore, when LDAP searches a MSAD directory to find a

user, it does not find a match because it attempts to match on the uid attribute. In Web server 7.0 or higher, you can set the `--search-filter` option to override the MSAD default attribute.

<code>--group-search-attr -t</code>	Specify the LDAP attribute name that contains group name entries. The default value is CN.
<code>--dc-suffix -x</code>	Specify a suffix for the LDAP database.
<code>--allow-group -g</code>	Specify a comma separated list of groups. Users belonging to these groups are allowed to login.
<code>--ldap-url -l</code>	Specify the URL of the LDAP authentication database. The type of authentication database is specified in the URL scheme.

**Examples**

```
wadm enable-admin-ldap-auth --user=admin --host=serverhost
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt rcfile=null
--ldap-url=ldap://serverhost.com:3950/dc=xyz,dc=xyz,dc=xyz
--bind-dn=cn="Directory Manager"

wadm enable-admin-ldap-auth --user=admin --host=serverhost
--password-file=../admin.passwd --port=8989 --ssl=true
--ldap-url=ldap://serverhost:port/dc=acme,dc=com
--allow-group="group1,group2,group3"
```

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [disable-admin-ldap-auth\(1\)](#), [get-admin-ldap-auth-prop\(1\)](#)

**Name** enable-cgi-file-type – enables the CGI support

**Synopsis** enable-cgi-file-type <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*]  
 [--server-user|-r *user-id*] [--group|-g *group-id*]  
 [--directory|-d *path*] [--chroot|-H *path*]  
 [--nice|-i *value*] [--vs|-s *vs-name*]  
 --config|-c *config-name*

**Description** Use this command to enable the common gateway interface (CGI) support for certain files types registered in the mime-types file. If a URI pattern is specified, then this support is limited to files that match the given pattern and whose extension is a registered CGI mime-type.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--server-user -r	The name of the user to execute the CGI programs.
--group -g	The name of the group to execute the CGI programs.
--chroot -H	The additional root directory that you create to limit the server to specific directories.
--directory -d	The directory to change to after chroot but before the execution of the CGI program
--nice -i	The nice value is an increment that determines the priority of the CGI program's relative to the server. Typically, the server runs with a nice value of 0 and the nice increment would be between 0 (the CGI program runs at the same priority as the server) and 19 (the CGI program runs at a much lower priority than the server). You can increase the priority of the CGI program above that of the server by specifying a nice increment of -1.

- |                            |  |
|----------------------------|--|
| <code>--config   -c</code> | Specify the name of the configuration for which the stored CGI properties are displayed.                                 |
| <code>--vs   -s</code>     | Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server. |

**Examples** `wadm enable-cgi-file-type --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1 --vs=vs --group=group1  
--nice=0 --directory=/foo --server-user=admin_user --chroot=/foo  
--uri-pattern=/foo*`

**Exit Status** The following exit values are returned:

- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |

**See Also** [help\(1\)](#), [set-cgi-prop\(1\)](#), [create-cgi-dir\(1\)](#), [delete-cgi-dir\(1\)](#), [list-cgi-dirs\(1\)](#), [get-cgi-file-type-prop\(1\)](#), [disable-cgi-file-type\(1\)](#), [create-mime-type\(1\)](#), [delete-mime-type\(1\)](#), [list-mime-types\(1\)](#)

**Name** enable-ciphers – enables SSL ciphers

**Synopsis** enable-ciphers <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--cipher-type|-t ssl2/ssl3tls]  
 --config|-c *config-name* --http-listener|-l *name*  
 (*cipher-name*)+

**Description** Use this command to enable the SSL ciphers. A cipher is a cryptographic algorithm that is used for encryption or decryption.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--cipher-type|-t Specify the type of cipher. The type can be ssl2 or ssl3tls.

--config|-c Specify the name of the configuration file that contains the metadata to configure the runtime services of the Web Server.

--http-listener|-l Specify the name of the HTTP listener.

**Operands** *cipher-name* Specify the name of the SSL cipher. For a list of ciphers, see the list-ciphers help page.

**Examples** wadm enable-ciphers --user=admin --password-file=../admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 --http-listener=config1\_ls --cipher-type=ssl3tls  
 SSL\_RSA\_EXPORT\_WITH\_RC4\_40\_MD5

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [disable-ciphers\(1\)](#), [set-ssl-prop\(1\)](#), [get-ssl-prop\(1\)](#)

**Name** enable-dav-collection – enables the dav collection

**Synopsis** enable-dav-collection <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--vs|-s vs-name] --config|-c config-name  
--uri|-r uri

**Description** Use this command to enable the WebDAV collection.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server in which this WebDAV collection is present.
--config -c	Specify the name of the configuration.
--uri -r	Specify the URI through which the content is accessed.

**Examples** wadm enable-dav-collection --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs --uri=/dav\_config1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-dav-collection\(1\)](#), [get-dav-collection-prop\(1\)](#), [set-dav-collection-prop\(1\)](#), [list-dav-collections\(1\)](#), [delete-dav-collection\(1\)](#), [disable-dav-collection\(1\)](#)

**Name** enable-directory-listing – enables directory listing

**Synopsis** enable-directory-listing <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--index-style|-y fancy/simple]  
 --config|-c *config-name* --vs|-s *vs-name*

**Description** Use this command to enable directory listing.

**Options** For connect\_options description, see [help\(1\)](#).

- |                  |  |
|------------------|--|
| --echo -e        | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| --no-prompt -Q   | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.   |
| --verbose -v     | Specify this option to display a verbose output.   |
| --index-style -y | Specify the type of directory index to generate if the server cannot find the index file. If your server is outside the firewall, turn off the directory indexing. The index style can be simple or fancy. The default value is fancy. <ul style="list-style-type: none"> <li>▪ fancy - Lists all files in the directories in a special format providing all relevant information about the sub directories and files.</li> <li>▪ simple - Lists all files and sub directories in a simple list format.</li> </ul> |
| --config -c      | Specify the name of the configuration.   |
| --vs -s          | Specify the name of the virtual server.  |

**Examples** wadm enable-directory-listing --user=admin --host=serverhost  
 --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --index-style=simple --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

- |    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** [help\(1\)](#), [get-directory-listing-prop\(1\)](#), [disable-directory-listing\(1\)](#),  
[get-default-content-type\(1\)](#), [set-default-content-type\(1\)](#), [get-home-page\(1\)](#),  
[set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

**Name** enable-document-footer – enables document footer

**Synopsis** enable-document-footer <connect\_options> [-echo|-e]  
 [--no-prompt|-Q] [--verbose|-v][--uri-pattern|-t *pattern*]  
 [--mime-type|-m *type*] --vs|-s *vs-name*  
 --date-format|-d *format* --footer|-o *text*  
 --config|-c *config-name*

**Description** Use this command to enable the document footer. You can specify a document footer, which includes the last-modified time for all the documents. You can create a document footer for the entire virtual server or a specific URI pattern. This footer works for all files except the output of CGI scripts or parsed HTML (.shtml) files.

**Options** For connect\_options description, see [help\(1\)](#).

-echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--mime-type -m	Specify the type of files to be included in the footer. The default value is text or html.
--vs -s	Specify the name of the virtual server.
--date-format -d	Specify the date format to be displayed for the timestamp information. The custom format can be of type %B, %d, and %y.
--footer -o	Specify the text that will appear in the document footer. The maximum number of characters for a document footer is 765. If you want to include the date on which the document was last modified, type the string :LASTMOD:. Any entities, for example, &copy; are contracted after you save your changes.
--config -c	Specify the name of the configuration.

**Examples** wadm enable-document-footer --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt

```
--rcfile=null --config=config1 --vs=vs --date-format=%B  
--footer="config1 footer"
```

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-document-footer-prop\(1\)](#), [disable-document-footer\(1\)](#)

**Name** enable-event – enables an event

**Synopsis** enable-event <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [(--time=hh:mm [--month=1-12]  
 [--day-of-week=sun|mon|tue|wed|thu|fri|sat] [--day-of-month=1-31])  
 | --interval=60-86400(seconds)] --config|-c config-name  
 --command|-C restart|reconfig|rotate-log|rotate-access-log|  
 update-crl|commandline

**Description** Use this command to enable an event that you have created.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--time -t	Specify the time you want this event start. The time format is hh:mm, for example, 12:30.
--month -m	Specify the month you want this event to occur. The range of values is 1–12.
--day-of-week -k	Specify the day of the week you want this event to occur. The values can be Sun, Mon, Tue, Wed, Thu, Fri or Sat.
--day-of-month -d	Specify the day of the month you want this event to occur. The range of values is 1–31.
--interval -r	Specify the time interval at which you want this event to occur. The range of values is 60–86400 seconds.
--config -c	Specify the name of the configuration.
--command -C	Specify the command the event executes. The values can be restart, reconfig, rotate-log, rotate-access-log, update-crl or commandline.

**Examples** wadm enable-event --user=admin --password-file=../admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --time=20:30 --month=11 --day-of-week=mon --day-of-month=15  
 --interval=3600 --config=config1 --command=restart

**Exit Status** The following exit values are returned:

- 0           command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [create-event\(1\)](#), [delete-event\(1\)](#), [list-events\(1\)](#), [disable-event\(1\)](#)

**Name** enable-htaccess – enables the .htaccess file

**Synopsis** enable-htaccess <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] [--config-file|-f *name*] --config|-c *config-name* --vs|-s *vs-name*

**Description** Use this command to enable the .htaccess file. Web Server supports the .htaccess dynamic configuration files. You can enable the .htaccess files either through the user interface or by manually changing the configuration files.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--config-file -f	Specify the name of the .htaccess configuration file.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Examples** wadm enable-htaccess --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [disable-htaccess\(1\)](#), [get-htaccess-prop\(1\)](#)

**Name** enable-java – enables Java for a configuration

**Synopsis** enable-java <connect\_options> [-echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name*

**Description** Use this command to enable Java for a particular configuration. By default, Java is enabled for Sun Java System Web Server 7.0. Enabling Java enables the Web container and its associated functionalities.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

**Examples** wadm enable-java --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [disable-java\(1\)](#)

- Name** enable-on-demand-compression – enables on-demand compression
- Synopsis** enable-on-demand-compression <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*]  
 [--no-vary-header|-r] [--fragment-size|-f *size*]  
 [--compression-level|-l [*1-9*]/NONE] --config|-c *config-name*  
 --vs|-s *vs-name*
- Description** Use this command to enable on-demand compression. A dynamically generated HTML page does not exist until a user asks for it. This is particularly useful for e-commerce based web applications and database-driven sites.
- Options** For connect\_options description, see [help\(1\)](#).
- echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
  - no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.
  - verbose|-v Specify this option to display a verbose output.
  - uri-pattern|-t Specify the URI wildcard pattern.
  - no-vary-header|-r If you specify this option, the *Vary: Accept-encoding* header is not inserted when a compressed version of a file is selected.
  - fragment-size|-f Specify the memory fragment size (in bytes) that has to be used by the compression library to control the rate of compression.
  - compression-level|-l Specify the the level of compression. The range of values is 1–9. The value 1 yields the best speed; the value 9 the best compression. A middle value provides a compromise between speed and compression.
  - config|-c Specify the name of the configuration.
  - vs|-s Specify the name of the virtual server.
- Examples** wadm enable-on-demand-compression --user=admin --host=serverhost  
 --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 --vs=vs --fragment-size=100  
 --compression-level=5

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [disable-on-demand-compression\(1\)](#), [get-on-demand-compression-prop\(1\)](#)

**Name** enable-p3p – enables P3P

**Synopsis** enable-p3p <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--policy-url|-l url] [--compact-policy|-m policy]  
 --config|-c config-name --vs|-s vs-name

**Description** Use this command to enable P3P (platform for privacy preferences). P3P is a protocol that specifies the method to enable web security policies.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--policy-url -l	Specify the URL of the site's policy reference file.
--compact-policy -m	Specify the P3P compact policy.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Examples** wadm enable-p3p --user=admin --password-file=../admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 --vs=vs --policy-url=data/enable-p3p/sample.policy

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [disable-p3p\(1\)](#), [get-p3p-prop\(1\)](#)

**Name** enable-parsed-html – enables the parsed HTML content

**Synopsis** enable-parsed-html <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--uri-pattern|-t *pattern*] [--no-exec-tag|-x]  
[--file-to-parse|-f *shtml/exec-html/html*] --vs|-s *vs-name*  
--config|-c *config-name*

**Description** Use this command to enable the parsed HTML content. HTML content is normally sent to the client exactly as it exists on disk without any server intervention. However, the server can search HTML files for special commands (that is, it can parse the HTML) before sending the documents. If you want the server to parse these files and insert request-specific information or files into documents, you must first enable HTML parsing.

**Options** For connect\_options description, see [help\(1\)](#).

- |                     |  |
|---------------------|--|
| --echo -e           | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| --no-prompt -Q      | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.   |
| --verbose -v        | Specify this option to display a verbose output.   |
| --files-to-parse -f | Specify the files the server will parse. <ul style="list-style-type: none"><li>■ <code>shtml</code> - If you specify this type, the server will parse only files with the extension <code>.shtml</code>. This is the most common (and default) choice.</li><li>■ <code>exec-html</code> - If you specify this type, the server will parse files with the execute bit and the extension <code>.shtml</code> (UNIX/Linux only). Using the execute permissions can be unreliable because in some cases the bit is set on files that are not executable.</li><li>■ <code>html</code> - If you specify this type, the server will parse all HTML files. Choosing this option can slow server performance.</li></ul> |
| --no-exec-tag -x    | If you specify this option, the server parses HTML but does not allow HTML files to execute arbitrary programs on the server.  |
| --vs -s             | Specify the name of the virtual server.  |

`--config|-c` Specify the name of the configuration.

**Examples** `wadm enable-parsed-html --user=admin --password-file=./admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

`0` command executed successfully  
`>0` error in executing the command

**See Also** [help\(1\)](#), [disable-parsed-html\(1\)](#), [get-parsed-html-prop\(1\)](#)

**Name** enable-perfdump – enables the perfdump utility

**Synopsis** enable-perfdump <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--uri|-r uri] --config|-c config-name  
--vs|-s vs-name

**Description** Use this command to enable the perfdump utility.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri -r	Specify the URI of the perfdump utility.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Examples** wadm enable-perfdump --user=admin --password-file=./admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--uri=/.perf --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-perfdump\(1\)](#), [get-perfdump-prop\(1\)](#), [disable-perfdump\(1\)](#)

**Name** enable-precompressed-content – enables precompressed content

**Synopsis** enable-precompressed-content <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--no-vary-header|-r]  
 [--no-age-check|-a] [--uri-pattern|-t *pattern*]  
 [--compress-file|-m] [--sub-dir|-b *subdirectory*]  
 [--compression-level|-l 1-9] [--min-size|-i  
*size-in-bytes*] [--max-size|-x *size-in-bytes*]  
 --config|-c *config-name* --vs|-s *vs-name*

**Description** Use this command to enable precompressed content. You can configure Sun Java System Web Server to generate and store precompressed versions of files in a specified directory. When configured, and only if an Accept-encoding: gzip header is received, all requests for files from a directory configured to serve the precompressed content are redirected to requests for an equivalent compressed file from that directory if such a file exists.

For example, if the Web Server receives a request for `myfile.html`, and both `myfile.html` and `myfile.html.gz` exist, then those requests with an appropriate Accept-encoding header receive the compressed file.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--no-vary-header -r	If you specify this option, a <i>Vary: Accept-encoding</i> header is not inserted when a compressed version of a file is selected.
--no-age-check -a	If you specify this option, the compressed version is always selected even if it is older than the non-compressed version.
--uri-pattern -t	Specify the URI wildcard pattern.
--compress-file -m	Specify whether the static files should be compressed or not. The default value is false.
--sub-dir -b	Specify the directory name in which the original non-compressed file is located.

<code>--compression-level -l</code>	Specify the level of compression. The range of values is 1–9. The value 1 yields the best speed; the value 9 the best compression. A middle value provides a compromise between speed and compression.
<code>--min-size -i</code>	Specify the minimum size of the file. The default value is 256 kilobytes.
<code>--max-size -x</code>	Specify the maximum size of the file. The default value is 1048576 kilobytes.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm enable-precompressed-content --user=admin  
--password-file=./admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --no-vary-header  
--uri-pattern=/compression/* --compress-file  
--sub-dir=.compressedfiles --config=config1 --vs=vs1`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [disable-precompressed-content\(1\)](#), [get-precompressed-content-prop\(1\)](#)

**Name** enable-request-limits – enables the request limits

**Synopsis** enable-request-limits <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--rps-compute-interval|-a *i*] [--continue-condition|-o {*silence|threshold*}] [--error-code|-d *n*] [--monitor-attribute|-m *attr*] [--max-rps|-r *x*] [--max-connections|-x *c*] [--uri-pattern|-t *pattern*] --config|-c *config-name* --vs|-s *vs-name*

**Description** Use this command to enable the request limits.

**Options** For connect\_options description, see [help\(1\)](#).

- |                          |  |
|--------------------------|--|
| --echo -e                | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| --no-prompt -Q           | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.   |
| --verbose -v             | Specify this option to display a verbose output.   |
| -rps-compute-interval -a | Specify the time interval (in seconds) in which the average (request per second) RPS is computed. Note that max-rps limit will not be applied until the next request rate recomputation has occurred. This means that a potential attacker can have unlimited requests serviced until the initial interval runs out.<br><br>You can balance the length of this window of attack to the cost of frequent recomputations by adjusting the interval parameter. The default value is 30 seconds. |
| -continue-condition -o   | Specify the condition that must be met for a blocked request type to be available again for servicing. The values can be: <ul style="list-style-type: none"> <li>▪ <code>silence</code> - refused requests must fall to zero (over a subsequent interval) for the service to resume.</li> <li>▪ <code>threshold</code> - refused request rate must fall below the RPS threshold for the service to resume.</li> </ul> The default value is <code>threshold</code> .                          |
| -error-code -d           | Specify the HTTP status code to use for blocked requests. The default is 503, "Service Unavailable".   |

<code>-monitor-attribute -m</code>	Specify an optional request attribute that has to be monitored. Request rates are tracked in a "bucket" named by the value of this parameter. If the monitor parameter is not given, the matching requests are tracked in an unnamed (anonymous) bucket.  While the value of the monitor parameter can be a fixed string, it is most useful when given in terms of <code>obj.conf</code> variables.  For example, <code>monitor="\$ip"</code> . Note that you can also specify multiple variables.
<code>-max-rps -r</code>	Specify the threshold value for RPS. If this value is exceeded, subsequent connections will not be serviced. There is no default value because an acceptable RPS threshold can vary widely between sites.
<code>-max-connections -x</code>	Specify the maximum number of concurrent connections. If a matching request is received while there are at least this many requests being processed, the request is rejected. As soon as concurrent requests fall below this limit, new ones will be processed.
<code>--uri-pattern -t</code>	Specify the URI pattern.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm enable-request-limits --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --max-connections=100 --continue-condition=silence --error-code=500 --uri-pattern=/foo*`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [get-request-limits-prop\(1\)](#), [set-request-limits-prop\(1\)](#), [disable-request-limits\(1\)](#)

**Name** enable-search-event – enables search events

**Synopsis** enable-search-event <*connect\_options*> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--pattern|-P *pattern*]  
 ((--time|-t *hh:mm*] [--month|-m *1-12*]  
 [--day-of-week|-k *sun/mon/tue/wed/thu/fri/sat*]  
 [--day-of-month|-d *1-31*])|--interval|-r *60-86400(seconds)*)  
 --config|-c *config-name* --vs|-s *vs-name*  
 --collection|-O *name* --command|-C  
*add-documents|reindex*

**Description** Use this command to enable a search event.

**Options** For *connect\_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--pattern -P	Specify the wild card pattern of the documents that have to be added.
--time -t	Specify a time when this search event is scheduled.
--day-of-month -d	Specify the day of the month when this search event is scheduled. The range of values is 1–31.
--day-of-week -k	Specify the day of the week when this search event is scheduled. The values can be Sun, Mon, Tue, Wed, Thu, Fri or Sat.
--interval -r	Specify the time interval, in seconds, at which this search event will occur. The range of values is 60–86400.
--month -m	Specify the month when this search event is scheduled. The range of values is 1 to 12.
--command -C	Specify the task the search event executes. The value can be <i>add-documents</i> or <i>reindex</i> .
--config -c	Specify the name of the configuration for which you want to enable the search event.

`--vs|-s` Specify the name of the virtual server.  
`--collection|-0` Specify the name of the collection.

**Examples** `wadm enable-search-event --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --time=20:30 --month=11  
--day-of-week=mon --day-of-month=15 --interval=3600  
--config=config1 --collection=collection1  
--command=reindex --vs=vs1`

**Exit Status** The following exit values are returned:

`0` command executed successfully  
`>0` error in executing the command

**See Also** [help\(1\)](#), [create-search-event\(1\)](#), [delete-search-event\(1\)](#), [list-search-events\(1\)](#), [disable-search-event\(1\)](#)

**Name** enable-secretkey-restriction – enables secret key restrictions

**Synopsis** enable-secretkey-restriction <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--reject-message-file|-r *name*]  
 [--uri-pattern|-t *pattern*] --config|-c *config-name*  
 --vs|-s *vs-name* --min-key-size|-k 56/128/168

**Description** Use this command to enable the secret key restrictions.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--reject-message-file -r	Define the location of the file that contains the “reject access” message.
--uri-pattern -t	Specify the URI wildcard pattern.
--config -c	Specify the name of the configuration for which the secret key restriction are to be enabled.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
--min-key-size -k	Define the minimum size of the secret key.

**Examples** wadm enable-secretkey-restriction --user=admin --host=serverhost  
 --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 --vs=vs --min-key-size=128

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [disable-secretkey-restriction\(1\)](#), [get-secretkey-restriction-prop\(1\)](#)

**Name** enable-single-signon – enables single sign-on

**Synopsis** enable-single-signon <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] [--idle-timeout|-l *timeout*]  
--config|-c *config-name* --vs|-s *vs-name*

**Description** Use this command to enable single sign-on.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--idle-timeout -l	Specify the timeout (in seconds) after which the user's single-sign-on records will be purged. The range of values is 0.001 - 3600 or -1 for no timeout.

**Examples** wadm enable-single-signon --user=admin -host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [disable-single-signon\(1\)](#), [get-single-signon-prop\(1\)](#)

**Name** enable-snmp – enables SNMP

**Synopsis** enable-snmp <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--master-host|-m host] --config|-c config-name  
 --description|-D text --organization|-o org  
 --location|-l location --contact|-t number

**Description** Use this command to enable SNMP.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--master-host -m	Specify the name of the master host.
--config -c	Specify the name of the configuration.
--description -D	Enter a description.
--organization -o	Specify the name of the organization.
--location -l	Specify the location.
--contact -t	Enter the contact details.

**Examples** wadm enable-snmp --user=admin --password-file=../admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 --loconfiglion=india --master-host=hostname  
 --description=cli-snmp --organization=sun --contact=internal

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [disable-snmp\(1\)](#), [get-snmp-prop\(1\)](#)

**Name** enable-stats-xml – enables the server instance statistics

**Synopsis** enable-stats-xml <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--uri-prefix|-r uri-prefix] --config|-c config-name  
--vs|-s vs-name

**Description** Use this command to enable the server instance statistics which can be obtained in an XML format using `get-stats-xml`.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri-prefix -r</code>	Specify the URI prefix of the instance for which you want to get the XML statistics.

**Examples** `wadm enable-stats-xml --user=admin --password-file=./admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--uri-prefix=/stats-xml --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-stats-xml\(1\)](#), [get-stats-xml-prop\(1\)](#), [disable-stats-xml\(1\)](#)

**Name** enable-unix-homedir – enables the UNIX home directory

**Synopsis** enable-unix-homedir <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--uri-prefix|-r uri-prefix]  
 [--sub-dir|-b users-subdirectory] [--user-pwfile|-l password-file]  
 [--system-pwfile|-y] [--load-db-on-startup|-o] --config|-c config-name  
 --vs|-s vs-name

**Description** Use this command to enable the UNIX home directory.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-prefix -r	Specify the URI prefix for the user directory.
--sub-dir -b	Specify the name of the sub directory.
--load-db-on-startup -o	If you specify this option, the password file will be loaded at server startup.
--user-pwfile -l	Specify the file that contains the user password. Specify this option if you do not want to use the system password file.
--system-pwfile -y	If you specify this option, users are looked up from the system password file. Else, users are looked up from the password file specified in user-pwfile option.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Examples** wadm enable-unix-homedir --user=admin --host=serverhost  
 --password-file=./admin.passwd --port=8989 --ssl=true  
 --no-prompt --rcfile=null --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [disable-unix-homedir\(1\)](#), [get-unix-homedir-prop\(1\)](#)

**Name** enable-webapp – enables a web application

**Synopsis** enable-webapp <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --vs|-s *vs-name* --uri|-r *context-root*

**Description** Use this command to enable a web application. A web application is a collection of Java Servlets, JSPs, HTML pages, classes, and other resources. All these resources are stored in a directory, and all requests to that directory run the application.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of a virtual server.
--uri -r	Specify the root URI for the web application.

**Examples** wadm enable-webapp --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --uri=/sampleapp

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [add-webapp\(1\)](#), [enable-webapp\(1\)](#), [disable-webapp\(1\)](#), [list-webapps\(1\)](#)

**Name** enable-webdav – enables WebDAV

**Synopsis** enable-webdav <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name*

**Description** Use this command to enable WebDAV (Web-based Distributed Authoring and Versioning). WebDAV is an extension to HTTP/1.1 protocol to allow clients to perform remote web content authoring operations. This protocol allows clients to remotely administer access control lists (ACL), thereby affecting who can perform operations on WebDAV resources.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

**Examples** wadm enable-webdav --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [disable-webdav\(1\)](#), [set-webdav-prop\(1\)](#), [get-webdav-prop\(1\)](#)

**Name** expire-lock – expires a lock

**Synopsis** expire-lock <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] --vs|-s vs-name --lock-uri|-l uri  
 --opaque-token|-o token --collection-uri|-d uri  
 --config|-c config-name

**Description** Use this command to expire a lock.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the configuration where the locks exist.
--vs -s	Specify the name of the virtual server.
--lock-uri -l	Specify the URI on which the lock exists.
--collection-uri -d	Specify the name of the collection URI.
--opaque-token -o	Specify the ID of the lock that you want to expire. Lock IDs are displayed when you run the list-lock command.

**Examples** wadm expire-lock --user=admin --host=serverhost  
 --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 --vs=config1 --collection-uri=/dav1  
 --lock-uri=/dav1/file.html --opaque-token=opaqueLocktoken

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [list-locks\(1\)](#)

**Name** forward-reverse-proxy-header – forwards a reverse proxy header

**Synopsis** forward-reverse-proxy-header <connect\_options> [-e|-E] [-q] [-v] [-H header] [-c config-name] [-vs vs-name] [-r uri-prefix] [-r uri-prefix] (param)

**Description** Use this command to forward a reverse proxy parameter. Following are the parameters that can be forwarded:

- **j route** — The route ID that enables the reverse proxy to direct subsequent requests back to the server from where the request originated.
- **ip** — The client's IP address to remote servers. The header is the name of the HTTP request header used to communicate the IP address of the client. The default header is `Client-ip`.
- **proxy-agent** — The value of the Proxy-agent HTTP request header. The default is a string that contains the proxy server product name and version.
- **via** — The intermediate protocol between a node and the server.
- **proxy-auth** — The client's proxy authentication credentials, that is, the client's proxy-authorization HTTP request header to remote servers.
- **cipher** — The name of the client's SSL/TLS cipher suite to remote servers. The header is the name of the HTTP request header used to communicate the name of the client's SSL/TLS cipher suite. The default header is `Proxy-cipher`.
- **keysize** — The size of the client's SSL/TLS key to remote servers. The header is the name of the HTTP request header used to communicate the size of the client's SSL/TLS key. The default header is `Proxy-keysize`.
- **secret-keysize** — The size of the client's SSL/TLS secret key to remote servers. The header is the name of the HTTP request header used to communicate the size of the client's SSL/TLS secret key. The default header is `Proxy-secret-keysize`.
- **ssl-id** — The client's SSL/TLS session ID to remote servers. The header is the name of the HTTP request header used to communicate the client's SSL/TLS session ID. The default header is `Proxy-ssl-id`.
- **issuer-dn** — The distinguished name of the issuer of the client's SSL/TLS certificate to remote servers. The header is the name of the HTTP request header used to communicate the distinguished name of the issuer of the client's SSL/TLS certificate. The default header is `Proxy-issuer-dn`.
- **user-dn** — The name of the subject of the client's SSL/TLS certificate to remote servers. The header is the name of the HTTP request header used to communicate the distinguished name of the subject of the client's SSL/TLS certificate. The default header is `Proxy-user-dn`.

- `auth-cert` — The client's SSL/TLS certificate to remote servers. The header is the name of the HTTP request header used to communicate the client's DER-encoded SSL/TLS certificate in Base64 encoding. The default header is `Proxy-auth-cert`.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri-prefix -r</code>	Specify the URI prefix of the reverse proxy.
<code>--header -H</code>	Specify the name of the HTTP request header that is used to forward the reverse proxy parameter.

**Operands** *param* Specify the name of the header parameter that you want to forward.

**Examples** `wadm forward-reverse-proxy-header --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs1 --uri-prefix=/ --header=client-cert-data auth-cert`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [block-reverse-proxy-header\(1\)](#), [list-reverse-proxy-headers\(1\)](#), [create-reverse-proxy\(1\)](#), [delete-reverse-proxy\(1\)](#), [list-reverse-proxy-uris\(1\)](#), [get-reverse-proxy-prop\(1\)](#), [set-reverse-proxy-prop\(1\)](#)

**Name** get-access-log – gets the access log information

**Synopsis** `get-access-log <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--start-date|-S dd/MMM/yyyy:HH:mm:ss] [--end-date|-E dd/MMM/yyyy:HH:mm:ss] [--status-code|-o status-code] [--num-records|-n number-of-records] [--vs|-s vs-name] --config|-c config-name nodehost`

**Description** Use this command to view the Web Server access log entries. The access log records information about requests to and responses from the server. If no optional options are chosen, this command will show the last 100 entries of the default access-log file for the selected configuration and node.

**Options**

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--start-date -S</code>	Specify the starting date and time from which the log messages must be shown. The start date should be in the <code>dd/MM/yyyy:HH:mm:ss</code> format.
<code>--end-date -E</code>	Specify the ending date and time until which the log messages must be shown. The end date should be in the <code>dd/MM/yyyy:HH:mm:ss</code> format.
<code>--status-code -o</code>	Specify the status code of HTTP response code, for example, 200, 300, or 400.
<code>--num-records -n</code>	Specify the number of log messages to be shown.
<code>--vs -s</code>	Specify the name of the virtual server. Use this option if you want to view the access file entries of a particular virtual server.
<code>--config -c</code>	Specify the name of the configuration.

**Operands** `nodehost` Specify the name of the node.

**Examples** `wadm get-access-log --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 serverhost`

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [get-log-prop\(1\)](#), [rotate-log\(1\)](#)

**Name** get-access-log-buffer-prop – gets the access log buffer properties

**Synopsis** get-access-log-buffer-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*property-name*)\*

**Description** Use this command to view the access log buffer properties. The properties that you can view are as follows:

- **enabled** - Indicates whether the system buffers access log updates. The default value is `true`.
- **buffer-size** - The size (in bytes) of individual access log buffers. The range of values is 4096–1048576.
- **max-buffers** - The maximum number of access log buffers per server. The range of values is 1–65536.
- **max-buffers-per-file** - The maximum number of access log buffers per access log file. The range of values is 1–128. The default value is `default`.
- **max-age** - The maximum amount of time to buffer a given access log entry. The range of values is 0.001–3600.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

**Operands** *property-name* Specify the name of the access log property that you want to view.

**Examples** `wadm get-access-log-buffer-prop --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

**See Also** [help\(1\)](#), [set-access-log-buffer-prop\(1\)](#), [enable-access-log\(1\)](#), [disable-access-log\(1\)](#), [get-access-log\(1\)](#), [get-log\(1\)](#), [get-log-prop\(1\)](#), [set-log-prop\(1\)](#), [rotate-log\(1\)](#)

**Name** get-access-log-prop – gets the access log properties

**Synopsis** get-access-log-prop <*connect\_options*> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--vs|-s *vs-name*] [--uri-pattern|-t *pattern*]  
 --config|-c *config-name* (*property-name*)\*

**Description** Use this command to view the access log properties. The properties that you can view are as follows:

- **enabled** - Indicates whether the server writes to this access log. The default value is `true`.
- **name** - The name that uniquely identifies the access log. If a name is specified, the server will not automatically log access to this access log. Instead, the access log must be explicitly mentioned by name in an `obj.conf` `AddLog` directive.
- **file** - The filename of the access log file (absolute path or path relative to the server's config directory). For example, `./logs/access`.
- **format** - The format of access log entries flex-log format string. The default value is `CLF`.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                               |  |
|-------------------------------|--|
| <code>--echo -e</code>        | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code>   | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>     | Specify this option to display a verbose output.   |
| <code>--vs -s</code>          | Specify the name of the virtual server.  |
| <code>--uri-pattern -t</code> | Specify the URI wildcard pattern.  |
| <code>--config -c</code>      | Specify the name of the configuration.   |

**Operands** *property-name* Specify the name of property that you want to view.

**Examples** `wadm get-access-log-prop --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 --vs=vs --uri-pattern="*.html"`

**Exit Status** The following exit values are returned:

- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |

**See Also** [help\(1\)](#), [enable-access-log\(1\)](#), [disable-access-log\(1\)](#)

**Name** get-acl – gets the access control list

**Synopsis** get-acl <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]  
[--vs|-s vs-name] --config|-c config-name (aclname)\*

**Description** Use this command to view the access control list (ACL). Web Server supports authentication and authorization through the use of locally stored ACLs, which describe the access rights that a user has for a resource.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--config -c	Specify the name of the configuration.

**Operands** *aclname* Specify the name of the specified ACL that you want to view.

**Examples** wadm get-acl --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt  
--rcfile=null --vs=vs --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [set-acl\(1\)](#), [delete-acl\(1\)](#), [list-acls\(1\)](#)

**Name** get-acl-cache-prop – displays the ACL cache properties

**Synopsis** get-acl-cache-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*propertyname*)\*

**Description** Use this command to view the access control list (ACL) cache properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the server caches the file content and meta information. The default value is `true`.
- `max-users` - The maximum number of users for which the server will cache authentication information. The range of values is 1 - 1048576.
- `max-groups-per-user` — The maximum number of groups per user for which the server will cache the membership information. The range of values is 1 - 1024.
- `max-age` — The maximum amount of time (in seconds) to cache the authentication information. The range of values is 0.001 - 3600.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

**Operands** *propertyname* Specify the name of the ACL property that you want to view.

**Examples** `wadm get-acl-cache-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

**See Also** [help\(1\)](#), [set-acl-cache-prop\(1\)](#)

**Name** get-admin-ldap-auth-prop – retrieves the LDAP authentication database properties used the administration server to connect to the LDAP server.

**Synopsis** get-admin-ldap-auth-prop <connect\_options> [ - -echo | -e ]  
[ - -no-prompt | -Q ] [ - -verbose | -v ]

**Description** Use this command to view the Lightweight Directory Access Protocol (LDAP) authentication database properties.

You can view the following properties:

- enabled - Indicates whether the authentication database is enabled at runtime. The default value is true.
- url - The URL of the authentication database.
- auth-expiring-url - The URL to which the server redirects the request, if the password is about to expire soon.
- bind-dn - The name that the administration server uses to initially bind (or log in) to the directory server, for example, cn=Directory Manager.
- bind-pw - The password used for authentication.
- dc-suffix - The suffix of the LDAP database.
- search-filter - The search filter to find the user.
- group-search-filter - The search filter to find group memberships for the user.
- group-search-attr - The LDAP attribute name that contains the group name entries.
- allow-group - A comma separated list of groups. Users belonging to these groups will be allowed to login.

**Options** For a description of connect\_options, see [help\(1\)](#).

- -echo | -e Specify this option to print this command on the standard output before running it. This option also prints the default value for all the optional options for which you did not provide values.

- -no-prompt | -Q If you specify this option, wadm does not prompt for passwords while running this command. Use this option if you have defined all passwords in a password file and specified the file using the - -password-file connect\_option.

- -verbose | -v Specify this option to display a verbose output.

**Operands** propertyname Specify the name of the authentication database property that you want to view.

**Examples** `wadm get-admin-ldap-auth-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt rcfile=null`

`wadm get-admin-ldap-auth-prop --user=admin  
--host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true  
--no-prompt rcfile=null allow-group`

**Exit Status** The following exit values are returned:

0            command executed successfully

>0          error in executing the command

**See Also** [help\(1\)](#), [enable-admin-ldap-auth\(1\)](#), [disable-admin-ldap-auth\(1\)](#),

**Name** get-admin-prop – gets the administration node properties

**Synopsis** get-admin-prop <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--node|-n *node-name*] [--set-password|-r]  
(*propertyname*)\*

**Description** Use this command to view the administration node properties. The properties that you can view are as follows:

- `install-root` - The path of the installation directory.
- `instance-root` - The directory that contains all instances. Usually same as the `install-root`.
- `server-version` - The version of the Web Server installed.
- `is-admin-server` - Flag that identifies the specified node as the administration server.
- `host` - The host name of the administration server.
- `description` - The description of the node.
- `server-user` - The user ID of the server user, for example, root.
- `ssl-port` - The SSL port if the server uses SSL connection to communicate.
- `non-ssl-port` - The non-SSL port if the server uses non-SSL connection to communicate.
- `java-home` - The location of the JDK directory. The JDK must have permission for the account the server runs as.
- `log-level` - The log verbosity for the server. The values can be `finest` (most verbose), `finer`, `fine`, `info`, `warning`, `failure`, `config`, `security`, or `catastrophe` (least verbose).
- `log-file` - The path of the server's log file.
- `admin-user` - The user name of the authorized Web Server administrator.
- `access-log-file` - The path of the server's access log file.

Note: If you edit the properties, restart the administration server on the specified node. If you edit the `java-home` property, stop and start the administration server on the specified node.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                             |   |
|-----------------------------|---|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code> | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |

`--verbose` | `-v` Specify this option to display a verbose output.  
`--node` | `-n` Specify the name of the node.  
`--set-password` | `-r` Specify this option to change the administration server user password.

**Operands** *propertyname* Specify the name of the administration property that you want to view.

**Examples** `wadm get-admin-prop --user=admin --host=serverhost`  
`--password-file=./admin.passwd --port=8989 --ssl=true`  
`--no-prompt --rcfile=null`

**Exit Status** The following exit values are returned:

`0` command executed successfully  
`>0` error in executing the command

**See Also** [help\(1\)](#), [list-nodes\(1\)](#), [set-admin-prop\(1\)](#)

**Name** get-authdb-prop – gets the authentication database properties

**Synopsis** get-authdb-prop <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--vs|-s vs-name] --config|-c config-name  
--authdb|-a name (propertyname)\*

**Description** Use this command to view the authentication database properties. The properties that you can view are as follows:

- **enabled** — Indicates whether the authentication database is enabled at runtime. The default value is `true`.
- **path** — The path of the authentication database.
- **url** — The URL of the authentication database.
- **auth-expiring-url** — The URL to which the server redirects the request to in case the password is about to expire soon.
- **bind-dn** — The name that the Administration Server uses to initially bind (or log in) to the directory server, for example, `cn=Directory Manager`.
- **bind-pw** — (Applicable only for databases of type LDAP.) The password used for authentication.
- **dc-suffix** — The `dcsuffix` of the LDAP database.
- **search-filter** — The search filter to find the user.
- **group-search-filter** — The search filter to find group memberships for the user.
- **group-search-attr** — The LDAP attribute name that contains the group name entries.
- **digestauthstate** — Indicates whether the LDAP server is capable of handling HTTP digest authentication.

**Options** For `connect_options` description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- no-prompt|-Q** If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
- verbose|-v** Specify this option to display a verbose output.
- vs|-s** Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.

---

`--config|-c` Specify the name of the configuration.  
`--authdb|-a` Specify the name of the authentication database.

**Operands** *propertyname* Specify the name of the authentication database property that you want to view.

**Examples** `wadm get-authdb-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1 --authdb=KEYFILE1`

**Exit Status** The following exit values are returned:

`0` command executed successfully  
`>0` error in executing the command

**See Also** [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [list-authdbs\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

**Name** get-auth-realm-prop – gets the authentication realm properties

**Synopsis** get-auth-realm-prop <*connect\_options*> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] --config|-c *config-name* --realm|-L *name* (*propertyname*)\*

**Description** Use this command to view the authentication realm properties. The properties that you can view are as follows:

- **type** — The name of a built-in authentication realm type. (Applicable only when class is omitted.)
- **class** — The class that implements a pluggable Servlet container authentication realm. (Applicable only when class is omitted.)

**Options** For *connect\_options* description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file *connect\_option*.
- verbose|-v Specify this option to display a verbose output.
- config|-c Specify the name of the configuration.
- realm|-L Specify the name of the authentication realm.

**Operands** *propertyname* Specify the name of the authentication realm property that you want to view.

**Examples** wadm get-auth-realm-prop --user=admin --host=serverhost  
 --password-file=./admin.passwd --port=8989 --ssl=true  
 --no-prompt --rcfile=null --config=config1 --realm=basic

**Exit Status** The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

**See Also** [help\(1\)](#), [create-auth-realm\(1\)](#), [delete-auth-realm\(1\)](#), [set-auth-realm-prop\(1\)](#), [list-auth-realms\(1\)](#), [create-auth-realm-userprop\(1\)](#), [delete-auth-realm-userprop\(1\)](#), [list-auth-realm-userprops\(1\)](#)

**Name** `get-cache-control-directives` – gets cache control directives information

**Synopsis** `get-cache-control-directives <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] [--config|-c config-name --vs|-s vs-name (propertyname)*`

**Description** Use this command to view cache control directives details. The properties that you can view are as follows:

- `public` — Indicates that the response is cachable by any cache. This is the default behavior.
- `private` — Indicates that the response is only cachable by a private (non-shared) cache.
- `no-cache` — Indicates that the response is not cached.
- `no-store` — Indicates that the cache does not store the request or response anywhere in nonvolatile storage.
- `must-revalidate` — Indicates that the cache entry is revalidated from the originating server.
- `max-age` — The maximum age (in seconds) the client accepts a response.

**Options** For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--uri-pattern|-t` Specify the URI wildcard pattern.

`--config|-c` Specify the name of the configuration.

`--vs|-s` Specify the name of the virtual server.

**Operands** `propertyname` Specify the name of the cache control directive property that you want to view.

**Examples** `wadm get-cache-control-directives --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [set-cache-control-directives\(1\)](#)

**Name** get-cert-prop – gets the certificate properties

**Synopsis** get-cert-prop <*connect\_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--token|-t *name*] [--token-pin|-P *name*] [--config|-c *config-name* --nickname|-n *nickname* (*propertyname*)\*

**Description** Use this command to view the certificate properties. The properties that you can view are as follows:

- `nickname` — The nickname or identifier used to refer the certificate.
- `subject` — The subject DN or the identity of the entity to which this certificate belongs.
- `issuer` — The subject DN of the issuing authority of this certificate.
- `serial-number` — The serial number of the certificate.
- `fingerprint` — A MD5 digest of this certificate.
- `key-type` — The type of this certificate. The key types can be `rsa` or `ecc`
- `key-size` — The size of certificate key. Applicable only if the `key-type` is `rsa`. The key size can be `1024`, `2048` or `4098`.
- `token` — The token in which this certificate is stored.
- `issuename` — The CN or the first component of the issuer.
- `issue-date` — The issue date of the certificate.
- `expiry-date` — The expiry date of the certificate.
- `is-expired` — Indicates whether this certificate has expired.
- `is-read-only` — Indicates if this certificate is read only.
- `is-self-signed` — Indicates if this certificate has signed itself or has been signed by another authority.
- `has-crl` — Indicates whether a CRL has been installed for this certificate.
- `client-ca` — Indicates if this certificate is trusted to sign client certificates.
- `server-ca` — Indicates if this certificate is trusted to sign server certificates.
- `is-ca` — Indicates if this certificate is a CA certificate.
- `is-user-cert` — Indicating if this certificate is a non-CA certificate owned by this entity. The entity referred here is the server instance.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--token -t</code>	Specify the token (cryptographic device), which contains the encrypted public key.
<code>--token-pin -P</code>	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the <code>token-pin</code> in the password file.
<code>--config -c</code>	Specify the name of the configuration for which the certificate properties will be displayed.
<code>--nickname -n</code>	Specify the short name or nick name of the certificate.

**Operands** *propertyname* Specify the name of the certificate property that you want to view.

**Examples** `wadm get-cert-prop --user=admin --host=serverhost  
--port=8989 --ssl=true --prompt=false --rcfile=null  
--password-file=certdb.newpasswd --config=config1 --token=internal  
--nickname="Certifconfig1e Manager - Sun"`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-cert-request\(1\)](#), [list-certs\(1\)](#), [install-cert\(1\)](#), [delete-cert\(1\)](#)

- Name** `get-cgi-file-type-prop` – gets the CGI properties
- Synopsis** `get-cgi-file-type-prop <connect_options> [-echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] --vs|-s vs-name --config|-c config-name (propertyname)*`
- Description** Use this command to view the common gateway interface (CGI) properties. The property that you can view is as follows:
- `enabled` - Indicates whether the CGI support based on URI pattern is enabled at runtime. The default value is `false`.
- Options** For `connect_options` description, see [help\(1\)](#).
- |                               |  |
|-------------------------------|--|
| <code>--echo -e</code>        | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code>   | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>     | Specify this option to display a verbose output.   |
| <code>--uri-pattern -t</code> | Specify the URI wildcard pattern.  |
| <code>--vs -s</code>          | Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.   |
| <code>--config -c</code>      | Specify the name of the configuration for which the stored CGI properties are displayed.   |
- Operands** *propertyname* Specify the name of the CGI property that you want to view.
- Examples** `wadm get-cgi-file-type-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --uri-pattern=/foo*`
- Exit Status** The following exit values are returned:
- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |
- See Also** [help\(1\)](#), [set-cgi-prop\(1\)](#), [create-cgi-dir\(1\)](#), [delete-cgi-dir\(1\)](#), [list-cgi-dirs\(1\)](#), [enable-cgi-file-type\(1\)](#), [disable-cgi-file-type\(1\)](#)

**Name** get-cgi-prop – gets the CGI properties

**Synopsis** get-cgi-prop <*connect\_options*> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--vs|-s *vs-name*] [--uri-pattern|-t *pattern*]  
--config|-c *config-name* (*propertyname*)\*

**Description** Use this command to view the common gateway interface (CGI) properties. The properties that you can view are as follows:

If you specify the `--config` option, you can view the following properties:

- `timeout` - The timeout (in seconds) after which the server will terminate a long-running CGI program. The range of values is 0.001-3600, or -1 for no timeout.
- `idle-timeout` - The timeout (in seconds) after which the server will terminate a nonresponsive CGI program. The range of values is 0.001-3600.
- `cgistub-path` - The path to the Cgistub binary. The default value is `default`.
- `cgistub-idle-timeout` - The timeout (in seconds) after which an unused Cgistub process will be terminated. The range of values is 0.001-3600.
- `min-cgistubs` - The minimum number of Cgistub processes the server will keep while waiting to run the CGI programs. The range of values is 1-4096.
- `max-cgistubs` - The maximum number of Cgistub processes the server will keep on hand, waiting to run CGI programs. The range of values is 1-4096.

If you specify the `--vs` option, you can view the following properties:

- `user` – The name of the user to execute the CGI programs.
- `group` – The name of the group to execute the CGI programs.
- `chroot` – The additional root directory that you create to limit the server to specific directories.
- `directory` – The directory to change to after `chroot` but before the execution of the CGI program.
- `nice` – The nice value is an increment that determines the priority of the CGI program's relative to the server. Typically, the server runs with a nice value of 0 and the nice increment would be between 0 (the CGI program runs at the same priority as the server) and 19 (the CGI program runs at a much lower priority than the server).

You can increase the priority of the CGI program above that of the server by specifying a nice increment of -1. Sun, however, does not recommended you to do so.

**Options** For `connect_options` description, see [help\(1\)](#).

---

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	(This option is deprecated.) Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration for which the stored CGI properties are displayed.
<code>--vs -s</code>	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.

**Operands** *propertyname* Specify the name of the CGI property that you want to view.

**Examples** `wadm get-cgi-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [set-cgi-prop\(1\)](#), [create-cgi-dir\(1\)](#), [delete-cgi-dir\(1\)](#), [list-cgi-dirs\(1\)](#)

**Name** get-config-file – gets the configuration file details

**Synopsis** get-config-file <connect\_options> [-echo|-e]  
[-no-prompt|-Q] [--verbose|-v]--config|-c *config-name*  
(*filename*)

**Description** Use this command to view any configuration file present in the config directory under server-root.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing it.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

**Operands** *filename* Specify the name of the configuration file that you want to view.

**Examples** wadm get-config-file --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1 magnus.conf

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [set-config-file\(1\)](#), [list-config-files\(1\)](#)

- Name** `get-config-prop` – gets the configuration properties
- Synopsis** `get-config-prop <connect_options> [- -echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name (propertyname)*`
- Description** Use this command to view the configuration properties. The properties that you can view are as follows:
- `default-auth-db-name` — The name of the default authentication database.
  - `user` — The name of the Web Server user.
  - `audit-accesses` — Indicates whether the authentication and authorization events are logged. The default value is `false`.
  - `acl-file` (read-only) — The name of the ACL file that controls access to the server.
  - `mime-file` (read-only) — The name of the `mime.types` file that configures the MIME mappings for the server.
  - `platform` — Indicates whether the server runs as a 32-bit or 64-bit process. The value can be 32 or 64.
  - `temp-path` — The path where the server stores its temporary files.
- Options** For `connect_options` description, see [help\(1\)](#).
- |                             |  |
|-----------------------------|--|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.   |
| <code>--config -c</code>    | Specify the name of the configuration.   |
- Operands** *propertyname* Specify the name of the configuration property that you want to view.
- Examples** `wadm get-config-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`
- Exit Status** The following exit values are returned:
- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |

**See Also** [help\(1\)](#), [set-config-prop\(1\)](#)

**Name** `get-config-stats` – gets the configuration statistics

**Synopsis** `get-config-stats <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--node|-n node-name] --config|-c config-name`

**Description** Use this command to view the configuration statistics at the instance or configuration level.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--node -n</code>	Specify the node.
<code>--config -c</code>	Specify the name of the configuration.

**Examples** `wadm get-config-stats --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-servlet-stats\(1\)](#), [get-virtual-server-stats\(1\)](#), [get-webapp-stats\(1\)](#)

**Name** get-crl-prop – displays the CRL properties

**Synopsis** `get-crl-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name --issuer-name|-r CA's name (propertyname)*`

**Description** Use this command to display the Certificate Revocation List (CRL) properties. The properties that you can view are as follows:

- `crlname` — The name of issuer who has released this CRL.
- `issuer` — The subject DN of the issuing authority of this certificate.
- `preissued` — The issue date of the current update of the CRL that is currently installed.
- `nextissued` — The expected date when a new update of this CRL would be issued by the corresponding CA.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--issuer-name -r</code>	Specify the name of the certificate authority (CA) issuer. The value can be the name of a company, organization, or department.

**Operands** *propertyname* Specify the name of the CRL property that you want to view.

**Examples** `wadm get-crl-prop --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --issuer-name="GlobalSign ServerSign CA"`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [install-crl\(1\)](#), [delete-crl\(1\)](#), [list-crls\(1\)](#)

- Name** `get-custom-resource-prop` – gets the custom resource properties
- Synopsis** `get-custom-resource-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name --jndi-name|-j name (propertyname)*`
- Description** Use this command to view the custom resource properties. The properties that you can view are as follows:
- `enabled` - Indicates whether the custom resource is enabled at runtime. The default value is `true`.
  - `jndi-name` - The Java Naming and Directory Interface (JNDI) name of the resource.
  - `res-type` - The type of custom resource.
  - `factory-class` - The class that instantiates a naming context which is used to look up the external resource. The value is a fully qualified class name that implements `javax.naming.spi.ObjectFactory`.
  - `description` - The description of the resource.
- Options** For `connect_options` description, see [help\(1\)](#).
- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
  - `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
  - `--verbose|-v` Specify this option to display a verbose output.
  - `--config|-c` Specify the name of the configuration.
  - `--jndi-name|-j` Specify the JNDI name of the custom resource.
- Operands** *property* Specify the name of the custom resource property that you want to view.
- Examples** `wadm get-custom-resource-prop --user=admin --port=8989 --password-file=./admin.passwd --host=serverhost --ssl=true --no-prompt --rcfile=null --config=config1 --jndi-name=custom`
- Exit Status** The following exit values are returned:
- `0` command executed successfully
  - `>0` error in executing the command

**See Also** [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [delete-custom-resource-userprop\(1\)](#), [list-custom-resource-userprops\(1\)](#), [create-custom-resource\(1\)](#), [delete-custom-resource\(1\)](#), [list-custom-resources\(1\)](#), [set-custom-resource-prop\(1\)](#)

**Name** get-dav-collection-prop – displays the DAV collection properties

**Synopsis** get-dav-collection-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --vs|-s *vs-name* --uri|-r *uri* (*propertyname*)\*

**Description** Use this command to view the DAV collection properties. You can view the following properties:

- **enabled** - Indicates whether WebDAV is enabled for the collection at runtime. The default value is `true`.
- **provider** — The name of the provider that manages this collection.
- **default-owner** - The name of the default owner of the resources.
- **uri** - The existing root URI on which WebDAV should be enabled.
- **source-uri** - The new URI that the clients can use to access the source code of content.
- **min-lock-timeout** - The minimum time (in seconds) for WebDAV locks to expire. The range of values is 0.001 - 3600, or -1 to not enforce a minimum.
- **max-xml-request-body-size** - The maximum size (in bytes) allowed for WebDAV XML request bodies. The range of values is 0 - 2147483647, or -1 for no limit.
- **max-propfind-depth** - The maximum depth of PROPFIND requests sent to the collections. The values can be 0, 1, or infinity.
- **max-expand-property-depth** - The maximum depth allowed for WebDAV expand-property REPORT responses. The range of values is 0 - 100.
- **max-report-response-elements** - The upper limit of the number of response elements a REPORT response body can have. The range of values is 0 - 2147483647. The default value is 1000.
- **auth-auth-db-name** - The ACL authentication database to use. The default value is `default`.
- **auth-method** - The authentication method to use. The values can be `basic`, `digest`, or `ssl`. The default value is `basic`.
- **auth-prompt** - The prompt that will be displayed to clients during authentication. The default value is `Sun Java System Web Server WebDAV`.
- **acl-db-max-size** - The maximum size (in bytes) of the memory representation of the WebDAV ACL database for a collection. If this memory limit is exceeded, the server will not cache the WebDAV ACL lists. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-max-entries** - The maximum number of ACEs to allow on a single resource. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-update-interval** - The interval (in seconds) at which WebDAV ACL databases are synchronized to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV ACL lists.

- `property-db-max-size` - The maximum size (in bytes) of WebDAV property database files. The range of values is 0 - 2147483647, or -1 for no limit.
- `property-db-update-interval` - The interval (in seconds) at which WebDAV property databases are synchronized to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV properties.
- `lock-db-path` - The path of the WebDAV lock database.
- `lock-db-update-interval` - The interval (in seconds) at which the WebDAV lock databases are synchronized to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV lock information.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.
- `--vs|-s` Specify the name of the virtual server where this WebDAV collection exists.
- `--uri|-r` Specify the name of the URI through which the content is accessed.

**Operands** *propertyname* Specify the name of the WebDAV collection property that you want to view.

**Examples** `wadm get-dav-collection-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --uri=/dav_config1`

**Exit Status** The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

**See Also** [help\(1\)](#), [create-dav-collection\(1\)](#), [set-dav-collection-prop\(1\)](#), [list-dav-collections\(1\)](#), [delete-dav-collection\(1\)](#), [enable-dav-collection\(1\)](#), [disable-dav-collection\(1\)](#)

**Name** get-default-content-type – gets the default content details

**Synopsis** get-default-content-type <*connect\_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] --config|-c *config-name* --vs|-s *vs-name*

**Description** Use this command to view the default content details.

**Options** For *connect\_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Examples** wadm **get-default-content-type --user=admin --port=8989 --password-file=../admin.passwd --host=serverhost --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs**

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#), [get-directory-listing-prop\(1\)](#), [set-default-content-type\(1\)](#), [get-home-page\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

**Name** get-directory-listing-prop – gets directory listing properties

**Synopsis** get-directory-listing-prop <connect\_options> [-echo|-e]  
[-no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
--vs|-s *vs-name* (*propertyname*)\*

**Description** Use this command to view the directory listing properties. The properties that you can view are as follows:

- **error-file** — The file that is displayed as a customized error response page.
- **index-style** — The type of directory index to generate if the server cannot find one of the index file name. The index style can be `simple` or `fancy`.

**Options** For connect\_options description, see [help\(1\)](#).

**--echo|-e** Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

**--no-prompt|-Q** If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` connect\_option.

**--verbose|-v** Specify this option to display a verbose output.

**--config|-c** Specify the name of the configuration.

**--vs|-s** Specify the name of the virtual server.

**Operands** *propertyname* Specify the name of the directory listing property that you want to view.

**Examples** `wadm get-directory-listing-prop --user=admin --port=8989  
--password-file=./admin.passwd --host=serverhost --ssl=true  
--no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

**See Also** [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#), [get-default-content-type\(1\)](#), [set-default-content-type\(1\)](#), [get-home-page\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

---

**Name** `get-dns-cache-prop` – gets the DNS cache properties

**Synopsis** `get-dns-cache-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name (propertyname)*`

**Description** Use this command to view the Domain Name Server (DNS) cache properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the server caches the DNS lookup results. The default value is `true`.
- `max-age` - The maximum amount of time (in seconds) to cache a DNS lookup result. The range of values is 1–31536000.
- `max-entries` - The maximum number of DNS lookup results to cache. The range of values is 32–32768.

**Options** For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--config|-c` Specify the name of the configuration.

**Operands** *propertyname* Specify the name of the DNS cache property that you want to view.

**Examples** `wadm get-dns-cache-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

**See Also** [help\(1\)](#), [set-dns-cache-prop\(1\)](#)

**Name** get-dns-prop – gets the DNS properties

**Synopsis** get-dns-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*property-name*)\*

**Description** Use this command to view the Domain Name Server (DNS) properties. DNS associates a standard IP addresses (such as 198.93.93.10) with hostnames (such as www.sun.com). The properties that you can view are as follows:

- `enabled` - Indicates whether the server does the DNS lookups. The default value is `false`.
- `async` - Indicates whether the server uses its own asynchronous DNS resolver instead of the operating system's synchronous resolver. The default value is `true`.
- `timeout` - The timeout (in seconds) for asynchronous DNS lookups. The range of values is 0.001–3600.

**Options** For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--config|-c` Specify the name of the configuration.

**Operands** *property-name* Specify the name of the DNS property that you want to view.

**Examples** `wadm get-dns-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

**See Also** [help\(1\)](#), [set-dns-prop\(1\)](#)

- Name** `get-document-footer-prop` – gets the document footer properties
- Synopsis** `get-document-footer-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] --config|-c config-name --vs|-s vs-name (propertyname)*`
- Description** Use this command to view the document footer properties. The properties that you can view are as follows:
- `mime-type` - The type of files to be included in the footer.
  - `date-format` - The format of date displayed in the document footer.
  - `footer` - The text that appears in the document footer. The maximum number of characters for a document footer is 765.
- Options** For `connect_options` description, see [help\(1\)](#).
- |                               |  |
|-------------------------------|--|
| <code>--echo -e</code>        | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code>   | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>     | Specify this option to display a verbose output.   |
| <code>--uri-pattern -t</code> | Specify the URI wildcard pattern.  |
| <code>--config -c</code>      | Specify the name of the configuration.   |
| <code>--vs -s</code>          | Specify the name of the virtual server.  |
- Operands** *propertyname* Specify the name of the document footer property that you want to view.
- Examples** `wadm get-document-footer-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=config1_vs1 footer`
- Exit Status** The following exit values are returned:
- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |
- See Also** [help\(1\)](#), [enable-document-footer\(1\)](#), [disable-document-footer\(1\)](#)

**Name** get-error-page – gets the error page details

**Synopsis** get-error-page <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--uri-pattern|-t pattern] --config|-c config-name  
--vs|-s vs-name --code|-d errorcode (propertyname)\*

**Description** Use this command to view the error page details.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--code -d	Specify the error code.

**Examples** wadm **get-error-page --user=admin --host=serverhost --port=8989**  
**--password-file=../admin.passwd --ssl=true --no-prompt**  
**--rcfile=null --config=config1 --vs=vs --code=500**

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [set-error-page\(1\)](#), [delete-error-page\(1\)](#)

- Name** `get-external-jndi-resource-prop` – gets the external JNDI resources properties
- Synopsis** `get-external-jndi-resource-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name --jndi-name|-j name (propertyname)*`
- Description** Use this command to view the external Java Naming and Directory Interface (JNDI) resource properties. The properties that you can view are as follows:
- `enabled` - Indicates whether the JNDI resource is enabled at runtime.
  - `jndi-name` - The name of the JNDI resource.
  - `jndi-lookup-name` — The JNDI lookup name of the resource.
  - `res-type` - The resource type.
  - `factory-class` - The class that instantiates resources.
  - `description` - The description of the resource.
- Options** For `connect_options` description, see [help\(1\)](#).
- |                             |  |
|-----------------------------|--|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.   |
| <code>--config -c</code>    | Specify the name of the configuration.   |
| <code>--jndi-name -j</code> | Specify the name of the external JNDI resource.  |
- Operands** `propertyname` Specify the name of the external JNDI resource property that you want to view.
- Examples** `wadm get-external-jndi-resource-prop --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --jndi-name=external-jndi`
- Exit Status** The following exit values are returned:
- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |
- See Also** [help\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#), [delete-external-jndi-resource-userprop\(1\)](#), [list-external-jndi-resource-userprops\(1\)](#),

create-external-jndi-resource(1), set-external-jndi-resource-prop(1),  
delete-external-jndi-resource(1), list-external-jndi-resources(1)

**Name** get-fastcgi-handler-prop – gets the FastCGI handler properties

**Synopsis** get-fastcgi-handler-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--mime-type|-m *type*] [--uri-pattern|-t *pattern*] [--role|-o *authorizer|responder|filter|error*] --config|-c *config-name* --vs|-s *vs-name* (*propertyname*)\*

**Description** Use this command to view the FastCGI handler properties. The properties that you can view are as follows:

- **role** — Indicates the role of the FastCGI Server Application Functions (SAFs). The role can be *authorizer*, *responder*, *filter* or *error*.
- **mime-type** — Indicates the MIME type of FastCGI handler.
- **app-path** — Indicates the FastCGI application path that processes the request.
- **bind-path** — Indicates the name of the UNIX domain socket on the UNIX platform. On the Windows platform, **bind-path** must be specified as *host:port*. The value can also be a named pipe on both UNIX and Windows platforms
- **app-args** — The name-value pairs that are passed as arguments to the FastCGI application process.
- **app-env** — The environment variables of the FastCGI application process.
- **max-procs** — The maximum number of FastCGI application processes that can be created. The default value is 1.
- **min-procs** — The minimum number of FastCGI application processes that can be created. The default value is 1.
- **listen-queue-size** — Indicates the size, in bytes, of the operating system listen queue back log. The default value is 256 bytes.
- **connection-timeout** — Applicable if the **reuse-connection** option is set to **true**. Indicates the time-out value, in seconds, for the pooled connections. If a connection is idle for the specified amount period of time, then the connection is closed. The default value is 5 seconds.
- **reuse-connection** — Indicates whether the connections to the FastCGI applications are reused. The value **false** indicates that the connections to FastCGI applications are closed after each request and **true** indicates that existing connections are reused for new requests. The default value is **false**.
- **response-timeout** — Indicate the FastCGI server response time-out in seconds. If there is no response from the FastCGI application within the specified period of time, the request is discarded. The default value is 5 seconds.
- **request-retry** — Indicates the number of times the request should be re-send when the FastCGI application rejects the request. The default value is 0 (zero).

- `restart-interval` — The time interval, in minutes, after which the FastCGI application restarts. If the value for this option is 0 (zero), the FastCGI application is not forced to restart. The default value is 60 minutes.
- `chroot` — (UNIX only). The additional root directory that you create where the FastCGI server application runs in. The default value is the web server's root directory. This property is displayed only if the value of the `role` option is `authorizer`, `responder`, or `filter`.
- `server-user` — (UNIX only). Indicates the user ID of a server user, for example, `root`. The default value is the web server's user ID. This property is displayed only if the value of the `role` option is `authorizer`, `responder`, or `filter`.
- `nice` — (UNIX only). The nice value of FastCGI server application processes. Typically, the server is run with a nice value of 0 and the nice increment would be between 0 (the FastCGI program runs at same priority as server) and 19 (the FastCGI program runs at much lower priority than server). Do not increase the priority of the FastCGI program above that of the server by specifying a nice increment of -1. This property is displayed only if the value of the `role` option is `authorizer`, `responder`, or `filter`.
- `group` — (UNIX only). Indicates the name of the group that execute the FastCGI programs. This property is displayed only if the value of the `role` option is `authorizer`, `responder`, or `filter`.
- `error-url` — The web page, URI, or URL that FastCGI should display if an error occurs. The value of this parameter is an absolute path, a path relative to document root, an URL, or a URI. This property is displayed only if the value of the `role` option is `error`.
- `error-reason` — Indicates any FastCGI protocol error. This property is displayed only if the value of the `role` option is `error`.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                               |   |
|-------------------------------|---|
| <code>--echo -e</code>        | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code>   | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| <code>--verbose -v</code>     | Specify this option to display a verbose output.  |
| <code>--mime-type -m</code>   | Specify the MIME type of the FastCGI handler.   |
| <code>--uri-pattern -t</code> | Specify the URI pattern.  |

- `--role|-o` Specify the role of the FastCGI Server Application Functions (SAFs). The role can be `authorizer`, `responder`, `filter` or `error`.
- In the `responder` role, the FastCGI application receives all information associated with an HTTP request and generates a response.
  - In the `authorizer` role, the FastCGI application receives all information associated with an HTTP request and generates an authorized or unauthorized decision.
  - In the `filter` role, the FastCGI application receives all information associated with an HTTP request and additional data from a file stored on the web server, and generates a filtered version of the data stream as an HTTP response.
  - In the `error` role, the FastCGI application terminates if an error occurs. You can configure the application to display a specific page or redirect the request to a URL if an error occurs.
- `--config|-c` Specify the name of the configuration.
- `--vs|-s` Specify the name of the virtual server.

**Operands** *propertyname* Specify the name of the FastCGI property that you want to view.

**Examples** `wadm get-fastcgi-handler-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --mime-type=magnus-internal/fastcgi --uri-pattern=/fcgi/* --role=filter --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [create-fastcgi-handler\(1\)](#), [delete-fastcgi-handler\(1\)](#), [set-fastcgi-handler-prop\(1\)](#), [list-fastcgi-handlers\(1\)](#)

**Name** get-file-cache-prop – gets file cache properties

**Synopsis** get-file-cache-prop <*connect\_options*> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name* (*property-name*)\*

**Description** Use this command to view the file cache properties. Sun Java System Web Server 7.0 uses a file cache to serve static information faster. The properties that you can view are as follows:

- **enabled** - Indicates whether the server caches the file content and meta information. The default value is `true`.
- **max-age** - The maximum amount of time (in seconds) to cache the file content and/or meta information. The range of values is 0.001–3600.
- **max-entries** - The maximum number of paths for which the file content and/or meta information should be cached. The range of values is 1–1048576.
- **max-open-files** - The maximum number of file descriptors the file cache will keep open. The range of values is 1–1048576. The default value is `default`.
- **sendfile** - Indicates whether the server will attempt to use the operating system's `sendfile`, `sendfilev`, `send_file`, or `TransmitFile` system call. The default value is `true` on Windows and `false` on other platforms.
- **copy-files** - Indicates whether the server copies the cached files to a temporary directory. The default value is `true` on Windows and `false` on other platforms.
- **copy-path** - The name of the temporary directory that the server uses when `copy-files` is `true`.
- **replacement** - The cache entry replacement algorithm. The values can be `false`, `lru`, or `lfu`.
- **cache-content** - Indicates whether the server caches the file content. The default value is `true`.
- **max-heap-file-size** - The maximum size (in bytes) of files to cache on the heap. The range of values is 0–2147483647.
- **max-heap-space** - The maximum amount (in bytes) of heap to use for caching files. The range of values is between 0– 9223372036854775807.
- **max-mmap-file-size** - The maximum size (in bytes) of files to mmap. The range of values is 0–2147483647.
- **max-mmap-space** - The maximum amount (in bytes) of mmap address space to use for caching files. The range of value is 0– 9223372036854775807.

**Options** For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

---

<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<b>Operands</b> <i>property-name</i>	Specify the name of the file cache property that you want to view.
<b>Examples</b>	<code>wadm get-file-cache-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1</code>
<b>Exit Status</b>	The following exit values are returned:
<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command
<b>See Also</b>	<a href="#">help(1)</a> , <a href="#">set-file-cache-prop(1)</a>

**Name** `get-home-page` – gets the server home page

**Synopsis** `get-home-page <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name --vs|-s vs-name`

**Description** Use this command to view the home page. Home page is a document that exists on the server and acts as a catalog or entry point for the server's contents. The location of this document is defined in the server's configuration files.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm get-home-page --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** `0` command executed successfully  
`>0` error in executing the command

**See Also** [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#), [get-directory-listing-prop\(1\)](#), [set-default-content-type\(1\)](#), [get-default-content-type\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

- Name** get-htaccess-prop – gets the .htaccess file property
- Synopsis** `get-htaccess-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] --config|-c config-name --vs|-s vs-name (propertyname)*`
- Description** Use this command to view the .htaccess file property. The property that you can view is as follows:
- `enabled` — Indicates whether .htaccess is enabled at runtime.
  - `config-file` — The file name that contains the .htaccess configuration.
- Options** For `connect_options` description, see [help\(1\)](#).
- |                               |   |
|-------------------------------|---|
| <code>--echo -e</code>        | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code>   | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>     | Specify this option to display a verbose output.  |
| <code>--uri-pattern -t</code> | Specify the URI wildcard pattern.   |
| <code>--config -c</code>      | Specify the name of the configuration.  |
| <code>--vs -s</code>          | Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.  |
- Operands** *propertyname* Specify the name of the .htaccess file property that you want to view.
- Examples** `wadm get-htaccess-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`
- Exit Status** The following exit values are returned:
- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |
- See Also** [help\(1\)](#), [disable-htaccess\(1\)](#), [enable-htaccess\(1\)](#)

**Name** get-http-listener-prop – gets the HTTP listener socket properties

**Synopsis** get-http-listener-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --http-listener|-l *name* (*propertyname*)\*

**Description** Use this command to view the HTTP listener socket properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the listener is enabled at runtime.
- `name` - The name that uniquely identifies the HTTP listener.
- `ip` - The IP address on which to listen.
- `port` - The port on which to listen.
- `acceptor-threads` - The number of threads dedicated to accept connections received by this listener. The range of values is 1–128. The default value is `default`.
- `server-name` - The name of the default server. Can include a scheme (for example, `http://`) as prefix and port (for example, `80`) as suffix.
- `blocking-io` - Indicates whether the server uses blocking IO.
- `family` - The name of the protocol family.
- `listen-queue-size` - The maximum size of the operating system listen queue.
- `receive-buffer-size` - The size (in bytes) of the operating system socket *receive* buffer.
- `send-buffer-size` - The size (in bytes) of the operating system socket *send* buffer.
- `default-virtual-server-name` - The name of the virtual server that processes requests which did not match a host.
- `description` - The description of the HTTP listener.
- `handle-protocol-mismatch` - Indicates whether the server responds to SSL or non-SSL protocol mismatches in client requests. The default is `true`, meaning the server will attempt to detect SSL or non-SSL protocol mismatches and send an HTTP redirect or SSL alert when a mismatch is detected.

**Options** For `connect_options` description, see [help\(1\)](#).

`--echo|-e`

Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

`--no-prompt|-Q`

If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

---

<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the configuration on which the HTTP listener socket exists.
<code>--http-listener -l</code>	Specify the name of the HTTP listener.
<b>Operands</b> <i>propertyname</i>	Specify the name of the HTTP listener property that you want to view.
<b>Examples</b>	<pre>wadm get-http-listener-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --http-listener=config1_ls</pre>
<b>Exit Status</b>	The following exit values are returned:
<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command
<b>See Also</b>	<a href="#">help(1)</a> , <a href="#">create-http-listener(1)</a> , <a href="#">set-http-listener-prop(1)</a> , <a href="#">list-http-listeners(1)</a> , <a href="#">delete-http-listener(1)</a>

**Name** get-http-prop – gets the HTTP properties

**Synopsis** get-http-prop <*connect\_options*> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name* (*property-name*)\*

**Description** Use this command to view the HTTP properties. The properties that you can view are as follows:

- `version` - The highest HTTP protocol version that the server supports.
- `server-header` - The server header that contains the name of the server software and version. The default value is Sun Java System Web Server 7.0.
- `request-header-buffer-size` - The size (in bytes) of the buffer that is used to read HTTP request header. The range of values is 0-2147483647.
- `strict-request-headers` - Indicates whether the server rejects certain malformed HTTP request headers. The default value is `false`.
- `max-request-headers` - The maximum number of header fields that can be allowed in an HTTP request header. The range of values is 1-512.
- `output-buffer-size` - The size (in bytes) of buffer used to read the HTTP responses. The range of values is 0-2147483647.
- `max-unchunk-size` - The maximum size (in bytes) of a chunked HTTP request body the server will unchunk. The range of values is 0-2147483647.
- `unchunk-timeout` - The maximum time (in seconds) that the server will spend waiting for a chunked HTTP request body to arrive. The range of values can be between 0 - 3600 or -1 for no timeout.
- `io-timeout` - The maximum time (in seconds) that the server will wait for an individual packet. The range of values is 0-3600 or -1 for no timeout.
- `request-header-timeout` - The maximum time (in seconds) that the server will wait for the complete HTTP request header. The range of values is 0-604800 or -1 for no timeout.
- `request-body-timeout` - The maximum time (in seconds) that the server will wait for the complete HTTP request body. The range of values is 0-604800 or -1 for no timeout.
- `favicon` - Indicates whether the server replies to requests for `favicon.ico` with its own built-in icon file. The default value is `true`.

**Options** For `connect_options` description, see [help\(1\)](#).

--echo|-e

Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q

If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if

---

you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.

`--verbose|-v`

Specify this option to display a verbose output.

`--config|-c`

Specify the name of the configuration.

**Operands** *property-name*

Specify the name of the HTTP property that you want to view.

**Examples** `wadm get-http-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

`0` command executed successfully

`>0` error in executing the command

**See Also** [help\(1\)](#), [set-http-prop\(1\)](#)

**Name** get-index-files – gets the index files

**Synopsis** `get-index-files <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name --vs|-s vs-name`

**Description** Use this command to view the index files. Index files are a list of welcome files or startup pages for the virtual server.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm get-index-files --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#), [get-directory-listing-prop\(1\)](#), [set-default-content-type\(1\)](#), [get-default-content-type\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-home-page\(1\)](#), [set-index-files\(1\)](#)

**Name** get-jdbc-resource-prop – gets the JDBC resource properties

**Synopsis** get-jdbc-resource-prop <connect\_options> [-echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --jndi-name|-j *jname* (*propertyname*)\*

**Description** Use this command to view the JDBC resource properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the JDBC resource is enabled at runtime.
- `jndi-name` - The JNDI name of the resource.
- `datasource-class` - The JDBC driver class.
- `min-connections` - The minimum number of concurrent connections to maintain to the database server.
- `max-connections` - The maximum number of concurrent connections to maintain to the database server.
- `idle-timeout` - The timeout (in seconds) after which an idle connection to the database server will close.
- `wait-timeout` - The timeout (in seconds) after which a caller waiting for an available connection to the database server will receive an error.
- `isolation-level` - The level of transaction isolation.
- `isolation-level-guaranteed` - Indicates whether the server sets the isolation level each time a connection is leased to an application.
- `connection-validation` - Specifies how the server validates a connection before "leasing" it to an application.
- `connection-validation-table-name` - The name of the table if the `connection-validation` is a database table.
- `fail-all-connections` - Indicates whether all connections are immediately closed and reestablished when there is an error while validating a connection.
- `description` - The description of JDBC resource.

**Options** For `connect_options` description, see [help\(1\)](#).

- `-echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if

you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose|-v`

Specify this option to display a verbose output.

`--config|-c`

Specify the name of the configuration.

`--jndi-name|-j`

Specify the JNDI name of the JDBC resource.

**Operands** *propertyname*

Specify the name of the JDBC resource property you want to view.

**Examples** `wadm get-jdbc-resource-prop --user=admin`  
`--password-file=../admin.passwd --host=serverhost --port=8989`  
`--ssl=true --no-prompt --rcfile=null --config=config1`  
`--jndi-name=jdbc`

**Exit Status** The following exit values are returned:

0            command executed successfully

>0          error in executing the command

**See Also** [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#), [list-jdbc-resource-userprops\(1\)](#), [create-jdbc-resource\(1\)](#), [delete-jdbc-resource\(1\)](#), [list-jdbc-resources\(1\)](#), [set-jdbc-resource-prop\(1\)](#)

---

**Name** `get-jvm-profiler-prop` – gets the JVM profiler properties

**Synopsis** `get-jvm-profiler-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name --profiler|-r name (propertyname)*`

**Description** Use this command to view the Java Virtual Machine (JVM) profiler properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the profiler is enabled at runtime.
- `class-path` - The class path for the profiler.
- `native-library-path` - The native library path for the profiler.
- `jvm-options` - The JVM options for the profiler.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--profiler -r</code>	Specify the name of the JVM profiler.

**Operands** `propertyname` Specify the name of the JVM profiler property you want to view.

**Examples** `wadm get-jvm-profiler-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --profiler=JVMprofiler`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [create-jvm-profiler\(1\)](#), [delete-jvm-profiler\(1\)](#), [set-jvm-profiler-prop\(1\)](#), [create-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#), [list-jvm-options\(1\)](#), [get-jvm-prop\(1\)](#), [set-jvm-prop\(1\)](#)

**Name** get-jvm-prop – gets JVM properties

**Synopsis** get-jvm-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*propertyname*)\*

**Description** Use this command to view the Java Virtual Machine (JVM) properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the server creates a JVM.
- `java-home` - The location of the JDK. If set to `${WS_JDK_HOME}`, it will be replaced by `java-home` of the Administration Node during deployment.
- `class-path-prefix` - The prefix for the system class path. You should only prefix the system class path if you wish to override system classes, such as the XML parser classes. Use this attribute with caution.
- `server-class-path` - The class path containing the server classes.
- `class-path-suffix` - The suffix for the system class path.
- `env-class-path-ignored` - Indicates whether the server ignores the CLASSPATH environment variable.
- `native-library-path-prefix` - The prefix for the operating system native library path.
- `sticky-attach` - Indicates whether the server attaches each HTTP request processing thread to the JVM only once instead of attaching and detaching on each request.
- `debug` - Indicates whether the JVM is started in debug mode, ready for attachment with a JPDA (Java Platform Debugger Architecture) debugger.
- `debug-jvm-options` — List of JPDA options.
- `jvm-options` — List of server-wide JVM options.
- `bytecode-preprocessor-class` - The bytecode preprocessor class.
- `profiler` - The name of the JVM profiler.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

**Operands** *propertyname* Specify the name of the JVM property you want to view.

**Examples** `wadm get-jvm-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [set-jvm-prop\(1\)](#), [create-jvm-profiler\(1\)](#), [get-jvm-profiler-prop\(1\)](#),  
[delete-jvm-profiler\(1\)](#)

**Name** get-keep-alive-prop – gets the keep-alive properties

**Synopsis** get-keep-alive-prop <*connect\_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*property-name*)\*

**Description** Use this command to view the keep-alive properties. The keep-alive (or HTTP/1.1 persistent connection handling) subsystem in Sun Java System Web Server 7.0 is designed to be scalable. The out-of-the-box configuration can be less than optimal if the workload is non-persistent (that is, HTTP/1.0 without the KeepAlive header), or for a lightly loaded system that's primarily servicing keep-alive connections.

The properties that you can view are as follows:

- **enabled** - Indicates whether the server supports keep-alive connections. The default value is `true`.
- **threads** - The number of keep-alive subsystem threads. The range of values is 1–128. The default value is `default`.
- **max-connections** - The maximum number of concurrent keep-alive connections the server will support. The range of values is 1–1048576. The default value is `default`.
- **timeout** - The timeout (in seconds) after which an inactive keep-alive connection will be closed. The range of values is 0.001–3600.
- **poll-interval** - The interval (in seconds) between polls. The range of values is 0.001–1.

**Options** For *connect\_options* description, see [help\(1\)](#).

- |                |   |
|----------------|---|
| --echo -e      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <i>connect_option</i> . |
| --verbose -v   | Specify this option to display a verbose output.  |
| --config -c    | Specify the name of the configuration.  |

**Operands** *property-name* Specify the name of the keep-alive property that you want to view.

**Examples** `wadm get-keep-alive-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [set-keep-alive-prop\(1\)](#)

**Name** get-lifecycle-module-prop – gets a lifecycle module

**Synopsis** get-lifecycle-module-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --module|-m *name* --config|-c *config-name* (*propertyname*)\*

**Description** Use this command to view the lifecycle module properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the lifecycle module is enabled at runtime.
- `name` - The name that uniquely identifies the lifecycle module.
- `class` - The class that implements the lifecycle module.
- `load-order` - The order in which the lifecycle module is loaded. It is recommended that you choose a load-order value that is greater than or equal to 100 to avoid conflicts with the internal lifecycle modules.
- `is-failure-fatal` - Indicates whether the server should treat exceptions thrown during the initialization of lifecycle module as fatal.
- `class-path` - The class path for the lifecycle module.
- `description` - The description of the lifecycle module.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--module -m</code>	Specify the name of the lifecycle module.
<code>--config -c</code>	Specify the name of the configuration.

**Operands** *propertyname* Specify the name of the lifecycle module property that you want to view.

**Examples** `wadm get-lifecycle-module-prop --user=admin --port=8989 --password-file=../admin.passwd --host=serverhost --ssl=true --no-prompt --rcfile=null --config=config1 --module=LifecycleProp`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [create-lifecycle-module\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [delete-lifecycle-module\(1\)](#),  
[list-lifecycle-modules\(1\)](#), [create-lifecycle-module-userprop\(1\)](#),  
[delete-lifecycle-module-userprop\(1\)](#), [list-lifecycle-module-userprops\(1\)](#)

**Name** get-localization-prop – gets the localization properties

**Synopsis** get-localization-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s vs-name] --config|-c config-name (property-name)\*

**Description** Use this command to view the localization properties. You can configure your browsers to send an Accept - language header that describes the language preference for the content you are accessing. All end user error messages are also based on the Accept - language header. The properties that you can view are as follows:

- **default-language** - The default language for messages displayed to administrators and content served to clients.
- **negotiate-client-language** - Indicates whether the server attempts to use the Accept - language HTTP header to negotiate the content language with clients. The default value is false.

**Options** For connect\_options description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- no-prompt|-Q** If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the **--password-file** connect\_option.
- verbose|-v** Specify this option to display a verbose output.
- vs|-s** Specify the name of the virtual server.
- config|-c** Specify the name of the configuration.

**Operands** *property-name* Specify the name of the localization property that you want to view.

**Examples** wadm **get-localization-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1**

**Exit Status** The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

**See Also** [help\(1\)](#), [set-localization-prop\(1\)](#)

**Name** get-log – gets the information on error logs

**Synopsis** get-log <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--start-date|-S dd/MMM/yyyy:HH:mm:ss]  
 [--end-date|-E dd/MMM/yyyy:HH:mm:ss] [--log-level|-l  
 all|catastrophe|security|config|failure|warning|info|fine|finer|finest]  
 [--num-records|-n number-of-records] [--vs|-s vs-name]  
 --config|-c config-name nodehost

**Description** Use this command to get the information on error logs. The error log lists all the errors the server has encountered since the log file was created. It also contains other server information such as, when the server was started and a list of unsuccessful login attempts made to the server.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--start-date -S	Specify the starting date and time from which the log messages must be shown. The format of the date must be dd/MM/yyyy:HH:mm:ss.
--end-date -E	Specify the ending date and time until which the log messages must be shown. The format of the date must be dd/MM/yyyy:HH:mm:ss.
--log-level -l	Specify the severity of the log messages that must be shown. The value can be all, catastrophe, security, config, failure, warning, info, fine, finer, and finest.
--num-records -n	Specify the number of log messages to be shown from the end of the error log file.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration.

**Operands** nodehost Specify the name of the node.

**Examples** wadm get-log --user=admin --password-file=../admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 serverhost

**Exit Status** The following exit values are returned:

- 0     command executed successfully
- >0    error in executing the command

**See Also** [help\(1\)](#), [get-access-log-prop\(1\)](#), [rotate-log\(1\)](#), [get-access-log\(1\)](#), [enable-access-log\(1\)](#), [disable-access-log\(1\)](#)

**Name** get-log-prop – gets the log properties

**Synopsis** get-log-prop <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] --config|-c *config-name* (*propertyname*)\*

**Description** Use this command to view the log properties. The properties that you can view are as follows:

- **log-stdout** - Indicates whether the server logs the data that applications write to stdout. The default value is true.
- **log-stderr** - Indicates whether the server logs the data that applications write to stderr. The default value is true.
- **log-virtual-server-name** - Indicates whether the server includes the virtual server name in log messages. The default value is false.
- **create-console** - (Windows only) Indicates whether the server creates a console window. The default value is false.
- **log-to-console** - Indicates whether the server writes the log messages to the console. The default value is true.
- **log-to-syslog** - Indicates whether the server writes log messages to syslog (UNIX) or Event Viewer (Windows). The default value is false.
- **date-format** - The date format for the log message timestamps. The default value is [%d/%b/%Y:%H:%M:%S].
- **archive-suffix** - The suffix to be appended to file name of the rotated log. The default value is m%d05/21/08M.
- **archive-command** - The command to be executed after the server rotates a log file. The value is a program command line, for example, `gzip c:\Program Files\Perl\perl.exe" archive.pl`.
- **log-level** - The log verbosity for the server. The values can be finest (most verbose), finer, fine, info, warning, failure, config, security, or catastrophe (least verbose).
- **log-file** - The log file for the server. For example, `../logs/errors`.

**Options** For connect\_options description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- no-prompt|-Q** If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
- verbose|-v** Specify this option to display a verbose output.
- config|-c** Specify the name of the configuration.

**Operands** *propertyname* Specify the log property that you want to view.

**Examples** `wadm get-log-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

**See Also** [help\(1\)](#), [set-log-prop\(1\)](#)

- Name** `get-mail-resource-prop` – gets the mail resource properties
- Synopsis** `get-mail-resource-prop <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v] --config|-c config-name --jndi-name|-j name (propertyname)*`
- Description** Use this command to view the mail resource properties. The properties that you can view are as follows:
- `enabled` - Indicates whether the resource is enabled at runtime.
  - `jndi-name` - The JNDI name of the resource.
  - `description` - The description of the mail resource.
- Options** For `connect_options` description, see [help\(1\)](#).
- |                             |  |
|-----------------------------|--|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.   |
| <code>--config -c</code>    | Specify the name of the configuration.   |
| <code>--jndi-name -j</code> | Specify the JNDI name of the mail resource.  |
- Operands** `propertyname` Specify the name of the mail resource property that you want to view.
- Examples** `wadm get-mail-resource-prop --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --jndi-name=MailReso`
- Exit Status** The following exit values are returned:
- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |
- See Also** [help\(1\)](#), [create-mail-resource\(1\)](#), [set-mail-resource-prop\(1\)](#), [delete-mail-resource\(1\)](#), [list-mail-resources\(1\)](#), [create-mail-resource-userprop\(1\)](#), [delete-mail-resource-userprop\(1\)](#), [list-mail-resource-userprops\(1\)](#)

**Name** get-on-demand-compression-prop – gets on demand compression properties

**Synopsis** `get-on-demand-compression-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] [--vs|s vs-name --config|-c config-name (propertyname)*`

**Description** Use this command to view the on demand compression properties. The properties that you can view are as follows:

- `insert-vary-header` — Indicates whether to insert the `Vary: Accept-encoding` header. If set to *Yes*, a `Vary: Accept-encoding` header is inserted when a compressed version of a file is selected. If set to *No*, the header is never inserted. The default, the value is *Yes*.
- `compression-level` — Specifies the level of compression. Choose a value between 1 and 9. The value *1* yields the best speed; the value *9* the best compression. The default value is *6*, a compromise between speed and compression.
- `fragment-size` — Specifies the memory fragment size in bytes to be used by the compression library to control how much to compress at a time. The default value is *8096*.
- `enabled` — Indicates whether on—demand compression is enabled at runtime.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--config -c</code>	Specify the name of the configuration.

**Operands** `propertyname` Specify the name of the on demand compression property that you want to view.

**Examples** `wadm get-on-demand-compression-prop --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs compression-level`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [enable-on-demand-compression\(1\)](#), [disable-on-demand-compression\(1\)](#)

**Name** get-p3p-prop – displays the P3P properties

**Synopsis** get-p3p-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --vs|-s *vs-name* (*propertyname*)\*

**Description** Use this command to view the P3P (platform for privacy preferences) properties. The properties that you can view are as follows:

- `enabled` - Indicates whether P3P is enabled at runtime.
- `compact-policy` - The P3P compact policy.
- `policy-url` - The URL of the site's policy reference file.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                             |   |
|-----------------------------|---|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code> | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.  |
| <code>--config -c</code>    | Specify the name of the configuration.  |
| <code>--vs -s</code>        | Specify the name of the virtual server.   |

**Operands** *propertyname* Specify the name of the P3P property that you want to view.

**Examples** wadm `get-p3p-prop --user=admin --host=serverhost --port=8989 --password-file=../admin.passwd --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |

**See Also** [help\(1\)](#), [enable-p3p\(1\)](#), [disable-p3p\(1\)](#)

**Name** `get-parsed-html-prop` – gets the parsed HTML properties

**Synopsis** `get-parsed-html-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] --config|-c config-name --vs|-s vs-name (propertyname)*`

**Description** Use this command to view the parsed HTML properties. The properties that you can view are as follows:

- `enabled` — Indicates whether the parsed HTML option is enabled at runtime.
- `files-to-parse` — The type of files that the server will parse. The file type can be `shtml`, `exec-html`, and `allhtml`.
- `no-exec-tag` — Indicates whether the server parses HTML and allows the HTML files to execute arbitrary programs on the server.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Operands** `propertyname` Specify the name of the parsed HTML property that you want to view.

**Examples** `wadm get-parsed-html-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [enable-parsed-html\(1\)](#), [disable-parsed-html\(1\)](#)

**Name** get-perfdump – gets the perfdump statistics

**Synopsis** `get-perfdump <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --node|-n node-name --config|-c config-name`

**Description** Use this command to view the perfdump statistics. The perfdump utility is a Server Application Function (SAF) built into Sun Java Systems Web Server, which collects the Web Server performance data and displays them in ASCII format.

This utility allows you to monitor a greater variety of statistics. With perfdump, the statistics are unified. Rather than monitoring a single process, statistics are multiplied by the number of processes. This gives you a more accurate view of the server performance.

**Options** For connect\_options description, see [help\(1\)](#).

- |                             |   |
|-----------------------------|---|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code> | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option. |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.  |
| <code>--node -n</code>      | Specify the name of the node.   |
| <code>--config -c</code>    | Specify the name of the configuration.  |

**Examples** `wadm get-perfdump --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=config1_vs1`

**Exit Status** The following exit values are returned:

- |    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** [help\(1\)](#), [get-perfdump-prop\(1\)](#), [enable-perfdump\(1\)](#), [disable-perfdump\(1\)](#)

**Name** get-perfdump-prop – gets the perfdump properties

**Synopsis** get-perfdump-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --vs|-s *vs-name* (*propertyname*)\*

**Description** Use this command to get the perfdump properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the perfdump utility is enabled at runtime.
- `uri` — The URI of the perfdump utility.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.

**Operands** *propertyname* Specify the name of the perfdump property that you want to view.

**Examples** wadm `get-perfdump-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-perfdump\(1\)](#), [enable-perfdump\(1\)](#), [disable-perfdump\(1\)](#)

**Name** get-pkcs11-prop – gets the PKCS #11 properties

**Synopsis** get-pkcs11-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name (propertyname)\**

**Description** Use this command to view the Public Key Cryptography Standard (PKCS#11) properties. PKCS#11 defines the interface used for communication between the SSL and PKCS#11 modules. PKCS#11 modules are used for standards-based connectivity to SSL hardware accelerators. The properties that you can view are as follows:

- `enabled` - Indicates whether the server initializes PKCS #11 tokens, prompting for pins as necessary. The default value is `true` if SSL is enabled and `false` if SSL is not enabled.
- `crl-path` - The path of the directory that contains dynamically updated CRL files.
- `token` - Configures a PKCS #11 token.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                             |   |
|-----------------------------|---|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.  |
| <code>--config -c</code>    | Specify the name of the configuration.  |

**Operands** *propertyname* Specify the name of the PKCS#11 property that you want to view.

**Examples** `wadm get-pkcs11-prop --user=admin --host=serverhost --port=8989 --password-file=../admin.passwd --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |

**See Also** [help\(1\)](#), [set-pkcs11-prop\(1\)](#), [list-tokens\(1\)](#), [set-token-prop\(1\)](#), [set-token-pin\(1\)](#)

**Name** `get-precompressed-content-prop` – gets the precompressed content properties

**Synopsis** `get-precompressed-content-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] [--config|-c config-name --vs|-s vs-name (propertyname)*`

**Description** Use this command to view the precompressed content properties. The properties that you can view are as follows:

- `enabled` — Indicates whether the precompressed content option is enabled at runtime.
- `check-age` — Indicates whether the compressed version is selected even if it is older than the non-compressed version.
- `insert-vary-header` — Indicates whether a `Vary: Accept-encoding` header is inserted when a compressed version of a file is selected.

**Options** For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--uri-pattern|-t` Specify the URI wildcard pattern.

`--config|-c` Specify the name of the configuration.

`--vs|-s` Specify the name of the virtual server.

**Operands** `propertyname` Specify the name of the precompressed content property that you want to view.

**Examples** `wadm get-precompressed-content-prop --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs check-age`

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [enable-precompressed-content\(1\)](#), [disable-precompressed-content\(1\)](#)

- Name** `get-qos-limits-prop` – gets the QOS limit properties
- Synopsis** `get-qos-limits-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s vs-name] [--config|-c config-name (property-name)*]`
- Description** Use this command to view the quality of service (QOS) limit properties. QOS is the performance limits you set for a server instance or virtual server. The properties that you can view are as follows:
- `enabled` - Indicates whether the QOS limits are enforced at runtime. The default value is `true`.
  - `max-bps` - The maximum transfer rate (bytes per second). The range of values is 1–2147483647.
  - `max-connections` - The maximum number of concurrent connections. The range of values is 1–1048576.
- Options** For `connect_options` description, see [help\(1\)](#).
- |                             |   |
|-----------------------------|---|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.  |
| <code>--config -c</code>    | Specify the name of the configuration.  |
| <code>--vs -s</code>        | Specify the name of the virtual server.   |
- Operands** `property-name` Specify the name of the QOS limits property that you want to view.
- Examples** `wadm get-qos-limits-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`
- Exit Status** The following exit values are returned:
- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |
- See Also** [help\(1\)](#), [set-qos-limits-prop\(1\)](#), [get-qos-prop\(1\)](#), [set-qos-prop\(1\)](#)

**Name** get-qos-prop – gets the quality of service (QOS) properties

**Synopsis** get-qos-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*property-name*)\*

**Description** Use this command to view the quality of service (QOS) properties. The properties that you can view are as follows:

- **enabled** - Indicates whether the system tracks the QOS information. The default value is `true` if qos-limits are enabled and `false` if qos-limits are disabled.
- **interval** - The interval (in seconds) over which QOS information is averaged. The range of values is 0.001 – 3600.

**Options** For connect\_options description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` connect\_option.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

**Operands** *property-name* Specify the name of the QOS property that you want to view.

**Examples** `wadm get-qos-prop --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

**See Also** [help\(1\)](#), [set-qos-prop\(1\)](#), [get-qos-limits-prop\(1\)](#), [set-qos-limits-prop\(1\)](#)

**Name** get-request-limits-prop – gets the request limits property

**Synopsis** get-request-limits-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s vs-name] [--uri-pattern|-t pattern] [--config|-c config-name (propertyname)\*

**Description** Use this command to view the request limits properties. The properties that you can view are as follows:

- `timeout` — The time limit after which a request will be timed out.
- `rps-compute-interval` - The time interval (in seconds) in which the average (request per second) RPS is computed.
- `continue-condition` — The condition that must be met for a blocked request type to be available again for servicing. The values can be `silence` or `threshold`.
- `max-rps` - The threshold value for RPS. If this value is exceeded, subsequent connections will not be serviced. There is no default value because an acceptable RPS threshold can vary widely between sites.
- `monitor-attribute` - The optional request attribute that has to be monitored.
- `error-code` - The HTTP status code to use for blocked requests. The default is 503, "Service Unavailable".
- `max-connections` - The maximum number of concurrent connections.

**Note** – If you specify the `--config` option, this command will display only the `timeout` property. If you specify both the `--config` and `--vs` options, the command will display the `rps-compute-interval`, `max-rps`, `enabled`, `continue-condition`, `error-code`, and `monitor-attribute` properties.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                               |   |
|-------------------------------|---|
| <code>--echo -e</code>        | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code>   | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| <code>--verbose -v</code>     | Specify this option to display a verbose output.  |
| <code>--uri-pattern -t</code> | Specify the URI pattern.  |
| <code>--vs -s</code>          | Specify the name of the virtual server.   |

`--config|-c` Specify the name of the configuration.

**Operands** *propertyname* Specify the name of the request limits property that you want to view.

**Examples** `wadm get-request-limits-prop --user=admin  
--password-file=../admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs  
--uri-pattern=/foo*`

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [set-request-limits-prop\(1\)](#), [disable-request-limits\(1\)](#), [enable-request-limits\(1\)](#)

**Name** `get-reverse-proxy-prop` – gets the reverse proxy properties

**Synopsis** `get-reverse-proxy-prop <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v] --config|-c config-name --vs|-s vs-name --uri-prefix|-r uri-prefix (propertyname)*`

**Description** Use this command to get the reverse proxy properties. The properties that you can view are as follows:

- `server` - The URL of the remote server. If you specify multiple values, the server distributes the load among the specified servers.
- `sticky-cookie` - The name of a cookie that, when present in a response, will cause subsequent requests to stick to that origin server.
- `sticky-param` - The name of a URI parameter to inspect for route information. If a URI parameter is present in a request URI and its value contains a colon (:) followed by a route ID, the request will stick to the origin server identified by that route ID.
- `route-header` - The name of the HTTP request header used to communicate the route IDs to origin servers.
- `route-cookie` - The name of the cookie generated by the server when it encounters a sticky-cookie cookie in a response. The route-cookie cookie stores a route ID that enables the server to direct subsequent requests back to the same origin server.
- `rewrite-headers` - A list of HTTP request headers. The value can be `host`, `location`, or `content-location` where,
  - `host`: Indicates whether the host HTTP request header is rewritten to match the host specified by the server parameter. The default is `false`, which means that the host header is not rewritten.
  - `location`: Indicates whether the location HTTP response headers that match the server parameter should be rewritten. The default is `true`, which means that the matching location headers are rewritten.
  - `content-location`: Indicates whether the content-location HTTP response headers that match the server parameter should be rewritten. The default is `true`, which means that the content-location headers are rewritten.
- `auth-user` — The user to authenticate as.
- `auth-password` — The password that is needed for authentication.
- `auth-header` — The name of the HTTP request header that is used to communicate the credentials. The default value is `Authorization`. When authenticating to a proxy server, you can specify the value as `Proxy-authorization`.
- `client-cert-nickname` — The nickname of the client certificate to present to the remote server. The default is not to present a client certificate.

- `validate-server-cert` — Indicates whether the proxy server validates the certificate presented by the remote server. The default value is `true`, indicating that the proxy server will accept any certificate.
- `use-keep-alive` — Indicates whether the HTTP client should attempt to use persistent connections. The default value is `true`.
- `keep-alive-timeout` — The maximum number of seconds to keep a persistent connection open. The default value is 29.
- `always-use-keep-alive` — Indicates whether the HTTP client can reuse the existing persistent connections for all types of requests. The default value is `false`, indicating that persistent connections will not be reused for non-GET requests or for requests with a body.
- `protocol` — The HTTP protocol version string. By default, the HTTP client uses either HTTP/1.0 or HTTP/1.1 based on the contents of the HTTP request. In general, you should not use the protocol parameter unless you encounter specific protocol interoperability problems.
- `proxy-agent` — The value of the Proxy-agent HTTP request header. The default is a string that contains the proxy server product name and version.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri-prefix -r</code>	Specify the URI prefix of the reverse proxy.

**Operands** *propertyname* Specify the name of the reverse proxy property that you want to view.

**Examples** `wadm get-reverse-proxy-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --uri-prefix=/simple/`

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [create-reverse-proxy\(1\)](#), [delete-reverse-proxy\(1\)](#), [list-reverse-proxy-uris\(1\)](#), [set-reverse-proxy-prop\(1\)](#), [block-reverse-proxy-header\(1\)](#), [forward-reverse-proxy-header\(1\)](#), [list-reverse-proxy-headers\(1\)](#)

**Name** get-search-collection-prop – gets the search collection properties

**Synopsis** get-search-collection-prop <*connect\_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --vs|-s *vs-name* --collection-name|-O *name* (*propertyname*)\*

**Description** Use this command to view the search collection properties. The properties that you can view are as follows:

- **enabled** — Indicates whether the collection can be searched at runtime. The default value is true.
- **name** — The name that uniquely identifies the search collection.
- **display-name** — The description of the search collection that is displayed to end users.
- **uri** — The root URI for the searchable documents.
- **document-root** — The file system root for the searchable documents.
- **path** — The path of the file system that stores the search collection meta.
- **index-meta-tag** — The document fields that are used for indexing.
- **include-extension** — The types of document that is included. The values can be html, htm, txt, and pdf.
- **description** — The description of the search collection.

**Options** For *connect\_options* description, see [help\(1\)](#).

- |                      |  |
|----------------------|--|
| --echo -e            | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| --no-prompt -Q       | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> . |
| --verbose -v         | Specify this option to display a verbose output.   |
| --config -c          | Specify the name of the configuration.   |
| --vs -s              | Specify the name of the virtual server.  |
| --collection-name -O | Specify the name of the search collection.   |

**Operands** *propertyname* Specify the name of the search collection property that you want to view.

**Examples** wadm **get-search-collection-prop --user=admin --password-file=../admin.passwd --host=serverhost --port=8989**

```
--ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs  
--collection=searchcoll
```

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-search-collection\(1\)](#), [set-search-collection-prop\(1\)](#), [list-search-collections\(1\)](#), [delete-search-collection\(1\)](#), [reindex-search-collection\(1\)](#), [get-search-prop\(1\)](#), [set-search-prop\(1\)](#)

**Name** get-search-prop – gets the search properties

**Synopsis** get-search-prop <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name* --vs|-s *vs-name*  
(*propertyname*)\*

**Description** Use this command to view the search properties. The properties that you can view are as follows:

- **enabled** — Indicates whether the search application is enabled at runtime. The default value is `true`.
- **max-hits** — The maximum number of search results to return in response to a single search query. The range of values is 0 - 10000.
- **uri** — The root URI for the search web application.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                             |  |
|-----------------------------|--|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.   |
| <code>--config -c</code>    | Specify the name of the configuration.   |
| <code>--vs -s</code>        | Specify the name of the virtual server.  |

**Operands** *propertyname* Specify the name of the search property that you want to view.

**Examples** `wadm get-search-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

- |    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** [help\(1\)](#), [add-documents\(1\)](#), [remove-documents\(1\)](#), [set-search-prop\(1\)](#), [get-search-collection-prop\(1\)](#), [set-search-collection-prop\(1\)](#)

**Name** `get-secretkey-restriction-prop` – gets the secret key restriction properties

**Synopsis** `get-secretkey-restriction-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] [--config|-c config-name --vs|-s vs-name (propertyname)*`

**Description** Use this command to view the secret key restriction properties. The properties that you can view are as follows:

- `enabled` — Indicates whether the secret key restriction option is enabled at runtime.
- `reject-message-file` - The location of the file that contains the reject access message.
- `min-key-size` - The minimum size of the secret key.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration for which the secret key restriction information are to be displayed.
<code>--vs -s</code>	Specify the name of the virtual server.

**Operands** *propertyname* Specify the name of the secret key restriction property that you want to view.

**Examples** `wadm get-secretkey-restriction-prop --user=admin --port=8989 --password-file=./admin.passwd --host=serverhost --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [enable-secretkey-restriction\(1\)](#), [disable-secretkey-restriction\(1\)](#)

**Name** get-servlet-container-prop – gets the servlet container properties

**Synopsis** get-servlet-container-prop <connect\_options> [-echo|-e]  
[-no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
(*property-name*)\*

**Description** Use this command to view the Servlet container properties. The properties that you can view are as follows:

- `dynamic-reload-interval` - The interval when the server checks the deployed web applications for modifications. The range of values is 1–60, or –1 if dynamic reloading should be disabled. The default value is –1.
- `log-level` - The log verbosity for the Servlet container. The values can be `finest` (most verbose), `finer`, `fine`, `info`, `warning`, `failure`, `config`, `security`, or `catastrophe` (least verbose).
- `anonymous-role` - The name of the default or anonymous, role assigned to all principals. The default role is `ANYONE`.
- `single-threaded-servlet-pool-size` - The number of Servlet instances to instantiate per `SingleThreadedServlet`. The range of values is 1–4096.
- `cross-context-allowed` - Indicates whether the request dispatchers are allowed to dispatch to another context. The default value is `true`.
- `reuse-session-id` - Indicates whether any existing session ID number is reused when creating a new session for that client. The default value is `false`.
- `encode-cookies` - Indicates whether the Servlet container encodes the cookie values. The default value is `true`.
- `dispatcher-max-depth` - The maximum depth for the Servlet container allowing nested request dispatches. The range of values is 0–2147483647. The default value is 20.
- `secure-session-cookie` — Controls the conditions under which the `JSESSIONID` cookie is marked secure. The values can be as follows:
  - `dynamic` — marks the cookie secure only when the request is received on a secure connection.
  - `true` — always marks the cookie secure.
  - `false` — never marks the cookie secure.

The default value is `dynamic`.

**Options** For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

---

<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<b>Operands</b> <i>property-name</i>	Specify the name of the Servlet container property that you want to view.

**Examples** `wadm get-servlet-container-prop --user=admin`  
`--password-file=./admin.passwd --host=serverhost --port=8989`  
`--ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [set-servlet-container-prop\(1\)](#)

**Name** get-servlet-stats – gets Servlet statistics

**Synopsis** get-servlet-stats <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name* --node|-n *node-name*  
--vs|-s *vs-name* --uri|-r *web-app-uri*

**Description** Use this command to view the Servlet statistics.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--node -n	Specify the name of the node.
--vs -s	Specify the name of the virtual server.
--uri -r	Specify the name of the web application URI.

**Examples** wadm **get-servlet-stats --user=admin --host=serverhost --port=8989**  
**--password-file=../admin.passwd --ssl=true --no-prompt --rcfile=null**  
**--config=config1 --node=node1 --vs=config1\_vs\_1 /servlet-simple**

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-config-stats\(1\)](#), [get-virtual-server-stats\(1\)](#), [get-webapp-stats\(1\)](#)

- Name** `get-session-replication-prop` – gets the session replication property
- Synopsis** `get-session-replication-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--node|-n node-name] [--config|-c config-name (propertyname)*`
- Description** Use this command to view the session replication property. The properties that you can view are as follows:
- `key` - The secret key that members of the cluster use to authenticate each other. Only applicable at the *cluster* level.
  - `encrypted` - Indicates whether the session data is encrypted prior to replication. The default value is `false`. Only applicable at the *cluster* level.
  - `protocol` - The protocol used for session replication. The values can be `http` or `jrmp`. Only applicable at the *cluster* level.
  - `async` - Indicates whether session replication is allowed to occur asynchronously from HTTP request/response processing. The default value is `true`. Only applicable at the *cluster* level.
  - `getAttribute-triggers-replication` - Indicates whether a call to the `HttpSession.getAttribute` method should cause a session to be backed up. The default value is `true`. Only applicable at the *cluster* level.
  - `replica-discovery-max-hops` - The maximum number of instances that should be contacted while attempting to find the backup of a session. The range of values is 1–2147483647, or -1 for no limit. Only applicable at the *cluster* level.
  - `startup-discovery-timeout` - The maximum time (in seconds) that an instance will spend trying to contact its designated backup instance. The range of values is 0.001–3600. Only applicable at the *cluster* level.
  - `cookie-name` - The name of the cookie that tracks which instance owns a session. Only applicable at the *cluster* level.
- Options** For `connect_options` description, see [help\(1\)](#).
- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
  - `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
  - `--verbose|-v` Specify this option to display a verbose output.

`--node | -n` Specify the name of the node.

`--config | -c` Specify the name of the configuration.

**Operands** *propertyname* Specify the name of the session replication property that you want to view.

**Examples** `wadm get-session-replication-prop --user=admin --port=8989  
--password-file=./admin.passwd --host=serverhost --ssl=true  
--no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

`0` command executed successfully

`>0` error in executing the command

**See Also** [help\(1\)](#), [set-session-replication-prop\(1\)](#)

- Name** `get-single-signon-prop` – gets the single sign-on properties
- Synopsis** `get-single-signon-prop <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v] --config|-c config-name --vs|-s vs-name (property-name)*`
- Description** Use this command to view the single sign-on properties. The properties that you can view are as follows:
- `enabled` — Indicates whether the single sign-on feature is enabled at runtime. The default value is `false`.
  - `idle-timeout` — The timeout (in seconds) after which the user's single sign-on records becomes eligible for purging if no activity is seen. The range of values is 0.001 - 3600, or -1 for no timeout. The default value is 300 seconds.
- Options** For `connect_options` description, see [help\(1\)](#).
- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
  - `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
  - `--verbose|-v` Specify this option to display a verbose output.
  - `--config|-c` Specify the name of the configuration.
  - `--vs|-s` Specify the name of the virtual server.
- Operands** *property-name* Specify the name of the single sign-on property that you want to view.
- Examples** `wadm get-single-signon-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`
- Exit Status** The following exit values are returned:
- 0 command executed successfully
  - >0 error in executing the command
- See Also** [help\(1\)](#), [enable-single-signon\(1\)](#), [disable-single-signon\(1\)](#)

**Name** get-snmp-prop – gets SNMP properties

**Synopsis** get-snmp-prop <*connect\_options*> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] --config|-c *config-name* (*propertyname*)\*

**Description** Use this command to get the SNMP properties. The SNMP protocol is used to exchange data about network activity.

With SNMP, data travels between a managed device and a network management station (NMS). A managed device is anything that runs SNMP: hosts, routers, your Web Server, and other servers on your network. The NMS is a machine used to remotely manage that network. The properties that you can view are as follows:

- `enabled` — Indicates whether SNMP is enabled at runtime. The default value is `true`.
- `master-host` — The network address of the SNMP master agent.
- `description` — The description of the server.
- `organization` — The organization that owns the server.
- `location` — The location of the server.
- `contact` — The contact information of the person responsible for the server.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

**Operands** *propertyname* Specify the name of the SNMP property that you want to view.

**Examples** `wadm get-snmp-prop --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true  
 --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

- `0` command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [enable-snmp\(1\)](#), [disable-snmp\(1\)](#)

**Name** get-soap-auth-provider-prop – gets a SOAP authentication provider

**Synopsis** get-soap-auth-provider-prop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --provider|-o *name* (*propertyname*)\*

**Description** Use this command to view the Simple Object Access Protocol (SOAP) authentication provider properties. The properties that you can view are as follows:

- **name** — The name that uniquely identifies the SOAP message-level authentication provider for use in `default-soap-auth-provider-name` and `sun-web.xml`.
- **class** — The class that implements the provider realm (`com.sun.enterprise.security.jauth.ServerAuthModule`).
- **request-policy** — Configures the authentication policy requirements for requests.
- **response-policy** — Configures the authentication policy requirements for responses.
- **property** — Configures the optional provider-specific properties.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.
- `--provider|-o` Specify the name of the SOAP authentication provider.

**Operands** *propertyname* Specify the name of the SOAP authentication provider property that you want to view.

**Examples** `wadm get-soap-auth-provider-prop --user=admin --port=8989`  
`--password-file=./admin.passwd --host=serverhost --ssl=true`  
`--no-prompt --rcfile=null --config=config1 --provider=soap-auth`

**Exit Status** The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

**See Also** [help\(1\)](#), [create-soap-auth-provider\(1\)](#), [set-soap-auth-provider-prop\(1\)](#), [delete-soap-auth-provider\(1\)](#), [list-soap-auth-providers\(1\)](#), [create-soap-auth-provider-userprop\(1\)](#), [delete-soap-auth-provider-userprop\(1\)](#), [list-soap-auth-provider-userprops\(1\)](#)

**Name** get-ssl-prop – gets SSL properties

**Synopsis** get-ssl-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --http-listener|-l *name* (*propertyname*)\*

**Description** Use this command to view the SSL properties. SSL is a software library establishing a secure connection between the client and server. SSL is used to implement HTTPS, the secure version of HTTP. The properties that you can view are as follows:

- `enabled` — Indicates whether SSL/TLS is enabled at runtime. The default value is `true`.
- `server-cert-nickname` — The nickname of a server certificate.
- `ssl2` — Indicates whether SSL2 connections are accepted. The default value is `false`.
- `ssl3` — Indicates whether SSL3 connections are accepted. The default value is `true`.
- `tls` — Indicates whether TLS connections are accepted. The default value is `true`.
- `tls-rollback-detection` — Indicates whether the server detects and blocks TLS version rollback attacks. The default value is `true`.
- `client-auth` — The client certificate authentication method. The value can be `required`, `optional`, or `false`.
- `client-auth-timeout` — The timeout (in seconds) after which client authentication handshake fails. The range of values is 0.001 - 3600.
- `max-client-auth-data` — The maximum amount of application-level data to buffer during a client authentication handshake. The range of values is 0 - 2147483647.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                                 |   |
|---------------------------------|---|
| <code>--echo -e</code>          | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code>     | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| <code>--verbose -v</code>       | Specify this option to display a verbose output.  |
| <code>--config -c</code>        | Specify the name of the configuration.  |
| <code>--http-listener -l</code> | Specify the name of the HTTP listener.  |

**Operands** *propertyname* Specify the name of the SSL property that you want to view.

**Examples** `wadm get-ssl-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --http-listener=config1_ls`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [set-ssl-prop\(1\)](#), [disable-ciphers\(1\)](#), [enable-ciphers\(1\)](#)

**Name** get-ssl-session-cache-prop – gets SSL session cache properties

**Synopsis** get-ssl-session-cache-prop <connect\_options> [-e] [-no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*propertyname*)\*

**Description** Use this command to view a SSL session cache. The properties that you can view are as follows:

- **enabled** - Indicates whether the server caches SSL/TLS sessions. The default value is `true`.
- **max-entries** - The maximum number of SSL/TLS sessions the server will cache. The range of values is 1–524288.
- **max-ssl2-session-age** - The maximum amount of time to cache an SSL2 session. The range of values is 5–100.
- **max-ssl3-tls-session-age** - The maximum amount of time to cache an SSL3/TLS session. The range of values is 5–86400.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

**Operands** *propertyname* Specify the name of the SSL session cache property that you want to view.

**Examples** `wadm get-ssl-session-cache-prop --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

**See Also** [help\(1\)](#), [set-ssl-session-cache-prop\(1\)](#)

**Name** get-stats-prop – gets statistics properties

**Synopsis** `get-stats-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name (propertyname)*`

**Description** Use this command to view properties of the statistics collection subsystem. The properties that you can view are as follows:

- `enabled` - Indicates whether the server collects statistics at runtime. The default value is `true`.
- `interval` - The interval (in seconds) at which statistics are updated. The range of values is 0.001 - 3600.
- `profiling` - Indicates whether performance buckets that are used to track NSAPI function execution time are enabled. The default value is `true`.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration

**Operands** *propertyname* Specify the name property you want to view.

**Examples** `wadm get-stats-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

**See Also** [help\(1\)](#), [set-stats-prop\(1\)](#)

**Name** get-stats-xml – gets the XML statistics

**Synopsis** get-stats-xml <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name* --node|-n *node-name*

**Description** Use this command to view the XML statistics of a server configuration.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--node -n	Specify the name of the node.

**Examples** wadm get-stats-xml --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 --node=node1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-stats-xml-prop\(1\)](#), [enable-stats-xml\(1\)](#), [disable-stats-xml\(1\)](#)

**Name** get-stats-xml-prop – gets the XML statistics properties

**Synopsis** `get-stats-xml-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c config-name --vs|-s vs-name (propertyname)*`

**Description** Use this command to view the XML statistics properties of a server configuration.

- `enabled` - Indicates whether the XML statistics option is enabled at runtime.
- `uri` — The URI of the XML statistics.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.
- `--vs|-s` Specify the name of the virtual server.

**Operands** *propertyname* Specify the name of the XML property that you want to view.

**Examples** `wadm get-stats-xml-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

**See Also** [help\(1\)](#), [get-config-stats\(1\)](#), [enable-stats-xml\(1\)](#), [disable-stats-xml\(1\)](#)

**Name** get-symlinks-prop – gets the symbolic link properties

**Synopsis** get-symlinks-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] --vs|-s *vs-name* --config|-c *config-name* (*propertyname*)\*

**Description** Use this command to view the symbolic link properties. The properties that you can view are as follows:

- `allow-soft-links` — allows soft file system links. The values can be:
  - `true` - always allow soft file system links
  - `false` - never allow soft file system links
  - `on-owner-match` - only allow when owners match
- `allow-hard-links` — allows hard file system links. The values can be:
  - `true` - always allow hard file system links
  - `false` - never allow hard file system links
- `directory` — Name of the directory from which links will be searched.

**Options** For connect\_options description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` connect\_option.
- `--verbose|-v` Specify this option to display a verbose output.
- `--uri-pattern|-t` Specify the URI wildcard pattern.
- `--config|-c` Specify the name of the configuration.
- `--vs|-s` Specify the name of the virtual server.

**Operands** *propertyname* Specify the name of the symbolic link property that you want to view.

**Examples** wadm get-symlinks-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

- 0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [set-symlinks-prop\(1\)](#)

**Name** get-thread-pool-prop – gets thread pool properties

**Synopsis** get-thread-pool-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*propertyname*)\*

**Description** Use this command to view the thread pool properties. You can use thread pools to allocate a certain number of threads to a specific service. By defining a pool with the maximum number of threads as 1, only one request is allowed to the specified service function.

The properties that you can view are as follows:

- `enabled` - Indicates whether the thread pool is enabled at runtime.
- `min-threads` - The minimum number of HTTP request processing threads. The range of values is 1–4096. The default value is `default`.
- `max-threads` - The maximum number of HTTP request processing threads. The range of values is 1–4096. The default value is `default`.
- `stack-size` - The stack size (in bytes) for HTTP request processing threads. The range of values is 8192–67108864.
- `queue-size` - The maximum number of concurrent HTTP connections that can be queued waiting for processing. The range of values is 1–1048576. The default value is `default`.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                             |  |
|-----------------------------|--|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.   |
| <code>--config -c</code>    | Specify the name of the configuration.   |

**Operands** *propertyname* Specify the name of the thread pool property that you want to view.

**Examples** `wadm get-thread-pool-prop --user=admin --port=8989 --password-file=./admin.passwd --host=serverhost --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [set-thread-pool-prop\(1\)](#)

**Name** get-unix-homedir-prop – gets UNIX home directory properties

**Synopsis** get-unix-homedir-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --vs|-s *vs-name* (*propertyname*)\*

**Description** Use this command to view the properties of the UNIX home directory. The properties that you can view are as follows:

- `uri-prefix` - The URI prefix for the user directory.
- `sub-dir` - The name of the sub directory.
- `load-db-on-startup` - The name of the password file that is loaded at server startup.
- `user-pwfile` - The name of the file that contains the user password.
- `use-system-pwfile` - Indicates whether the users are looked up from the password file specified in `user-pwfile` option.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                             |  |
|-----------------------------|--|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.   |
| <code>--config -c</code>    | Specify the name of the configuration.   |
| <code>--vs -s</code>        | Specify the name of the virtual server.  |

**Operands** *propertyname* Specify the name of the UNIX home directory property that you want to view.

**Examples** `wadm get-unix-homedir-prop --user=admin --port=8989 --password-file=./admin.passwd --host=serverhost --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |

**See Also** [help\(1\)](#), [enable-unix-homedir\(1\)](#), [disable-unix-homedir\(1\)](#)

**Name** get-url-redirect-prop – displays the forwarding URL properties

**Synopsis** get-url-redirect-prop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--uri-prefix|-r uri-prefix]  
 [--condition|-C regex] --config|-c config-name  
 --vs|-s vs-name

**Description** Use this command to view the forwarding URL properties. The properties that you can view are as follows:

- uri-prefix - The URI prefix you want to redirect.
- target-url - The target URL to which the requests is redirected.
- fixed-url - The destination URL (if it is a fixed URL).

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--uri-prefix -r	Specify the URI prefix you want to redirect.
--condition -C	Specify the URL redirect condition.

**Note** – The uri-prefix and condition options are mutually exclusive.

**Operands** *propertyname* Specify the name of the property that you want to view.

**Examples** wadm get-url-redirect-prop --user=admin --host=serverhost  
 --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 --vs=config1\_vs1 --uri-prefix=/redirect

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-url-redirect\(1\)](#), [delete-url-redirect\(1\)](#), [list-url-redirects\(1\)](#)

- Name** `get-user-prop` – gets user information
- Synopsis** `get-user-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s vs-name] [--realm|-L realm] [--org-unit|-o ou] --config|-c config-name --authdb|-a name --uid|-U userid (propertyname)*`
- Description** Use this command to get the user information. The properties that you can view are surname, full name, email ID, phone number, realm, org-unit, and user title.
- Options** For `connect_options` description, see [help\(1\)](#).
- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
  - `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
  - `--verbose|-v` Specify this option to display a verbose output.
  - `--config|-c` Specify the name of the configuration.
  - `--vs|-s` Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
  - `--org-unit|-o` Enter a description of an organizational unit within your company to which this user belongs.
  - `--authdb|-a` Specify the authentication database that stores the user information.
  - `--uid|-U` Enter the ID of the user.
  - `--realm|-L` Specify the realm that authenticates the user.
- Operands** `propertyname` Specify the name of the user property that you want to view.
- Examples** `wadm get-user-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --realm=rml1 --authdb=DIGESTFILE1 --uid=digestfile-config1-u1`
- Exit Status** The following exit values are returned:
- `0` command executed successfully
  - `>0` error in executing the command

**See Also** [help\(1\)](#), [create-user\(1\)](#), [set-user-prop\(1\)](#), [delete-user\(1\)](#), [list-users\(1\)](#)

**Name** get-virtual-server-prop – gets the virtual server properties

**Synopsis** get-virtual-server-prop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --vs|-s *vs-name* (*propertyname*)\*

**Description** Use this command to view the properties of a virtual server. The properties that you can view are as follows:

- **object-file** - The `obj.conf` file that controls the request handling process for the virtual server.
- **canonical-server-name** - The canonical host name of the virtual server. Requests using a different host name will be redirected to this host name.
- **enabled** - Indicates whether the virtual server is enabled at runtime.
- **host** - The hostname the virtual server services.
- **default-object-name** - The name of the root `obj.conf` object.
- **name** - The name that uniquely identifies the virtual server.
- **document-root** - The document root for the virtual server.
- **mime-file** - The `mime.types` file that configures MIME mappings for the virtual server.
- **log-file** - The log file for the virtual server.
- **http-listener-name** - The name of an HTTP listener associated with one or more of the virtual server's hostnames.
- **acl-file** - The Access Control List (ACL) file that controls access to the virtual server.

**Options** For `connect_options` description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- no-prompt|-Q** If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- verbose|-v** Specify this option to display a verbose output.
- config|-c** Specify the name of the configuration on which the virtual server exists.
- vs|-s** Specify the name of the virtual server.

**Operands** *propertyname* Specify the name of the virtual server property that you want to view.

**Examples** `wadm get-virtual-server-prop --user=admin --port=8989  
--password-file=./admin.passwd --host=serverhost --ssl=true  
--no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [create-virtual-server\(1\)](#), [set-virtual-server-prop\(1\)](#), [delete-virtual-server\(1\)](#), [list-virtual-servers\(1\)](#), [copy-virtual-server\(1\)](#)

**Name** get-virtual-server-stats – gets the virtual server statistics

**Synopsis** `get-virtual-server-stats <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--node|-n node-name] --config|-c config-name --vs|-s vs-name`

**Description** Use this command to view the virtual server statistics for a given configuration.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--node -n</code>	Specify the name of the node.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of virtual server.

**Examples** `wadm get-virtual-server-stats --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --node=node1 --vs=config1_vs1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-config-stats\(1\)](#), [get-servlet-stats\(1\)](#), [get-webapp-stats\(1\)](#)

**Name** get-webapp-stats – gets web application statistics

**Synopsis** get-webapp-stats <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--node|-n *node-name*] --config|-c *config-name*  
--uri|-r *web-app-uri* --vs|-s *vs-name*

**Description** Use this command to view the the statistics for a given web application deployed on the given virtual server of the given instance.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--node -n	Specify the name of the node.
--config -c	Specify the name of the configuration.
--uri -r	Specify the name of web application URI.
--vs -s	Specify the name of the virtual server.

**Examples** wadm **get-webapp-stats --user=admin --host=serverhost**  
**--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt**  
**--rcfile=null --config=config1 --vs=config1\_vs1**

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-config-stats\(1\)](#), [get-servlet-stats\(1\)](#), [get-virtual-server-stats\(1\)](#)

**Name** get-webdav-prop – gets WebDAV properties

**Synopsis** get-webdav-prop <connect\_options> [-echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] --config|-c *config-name* (*propertyname*)\*

**Description** Use this command to view the WebDAV properties. You can view the following properties:

- `enabled` - Indicates whether WebDAV is enabled for the collection at runtime. The default value is `true`.
- `default-owner` - The default owner for the resources.
- `min-lock-timeout` - The minimum expiration time (in seconds) for WebDAV locks. The range of values is 0.001 - 3600, or 0 to not enforce a minimum expiration time.
- `max-xml-request-body-size` - The maximum size (in bytes) allowed for WebDAV XML request bodies. The range of values is 0 - 2147483647, or -1 for no limit.
- `max-propfind-depth` - The maximum depth of PROPFIND requests sent to collections. The values are 0, 1, or infinity.
- `max-expand-property-depth` - The maximum depth allowed for WebDAV expand-property REPORT responses. The range of values is 0 - 100.
- `max-report-response-elements` - The upper limit of the number of response elements a REPORT response body can have. The range of values is 0 - 2147483647, default 1000.
- `auth-auth-db-name` - The ACL authentication database to use. The default value is default.
- `auth-method` - The authentication method to use. The values can be basic, digest, or ssl. The default value is basic.
- `auth-prompt` - The prompt to display to the client requests for authentication. The default value is Sun Java System Web Server WebDAV.
- `acl-db-max-size` - The maximum size (in bytes) of memory representation of the WebDAV ACL database for a collection. If this memory limit is exceeded, the server will not cache WebDAV ACL lists. The range of values is 0 - 2147483647, or -1 for no limit.
- `acl-db-max-entries` - The maximum number of ACEs to allow on a single resource. The range of values is 0 - 2147483647, or -1 for no limit.
- `acl-db-update-interval` - The interval (in seconds) at which WebDAV ACL databases are synced to disk. The value range is 0.001 - 3600, or 0 to disable caching of WebDAV ACL lists.
- `property-db-max-size` - The maximum size (in bytes) of WebDAV property database files. The range of values is 0 - 2147483647, or -1 for no limit.
- `property-db-update-interval` - The interval (in seconds) at which WebDAV property databases are synced to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV properties.

- `lock-db-path` - The filename of the WebDAV lock database is stored. The path can be the absolute path or path relative to the server's config directory.
- `lock-db-update-interval` - The interval (in seconds) at which WebDAV lock databases are synced to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV lock information.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

**Operands** *propertyname* Specify the name of the WebDAV property that you want to view.

**Examples** `wadm get-webdav-prop --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--verbose --config=config1 property-db-update-interval`

**Exit Status** The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

**See Also** [help\(1\)](#), [enable-webdav\(1\)](#), [disable-webdav\(1\)](#), [set-webdav-prop\(1\)](#)

**Name** `help` – describes the command line interface

**Synopsis** `wadm --version|-V`  
 or `wadm --help|-?`  
 or `wadm [--user|-u admin-user] [--password-file|-w admin-pswd-file]  
 [--host|-h admin-host] [--port|-p admin-port] [--no-ssl|-N]  
 [--rcfile|-R rcfile]`

**Description** The Command Line Interface (CLI) enables you to configure and administer the Sun Java System Web Server 7.0. Use the command line tool `wadm` to execute the administration commands. The `wadm` usage is as follows:

- `wadm --version|-V` displays the version of the administration CLI.
- `wadm --help|-?` displays this man page in a text format.
- `wadm [--user|-u admin-user] [--password-file|-w admin-pswd-file] [--host|-h admin-host] [--port|-p admin-port] [--no-ssl|-N] [--rcfile|-R rcfile]` launches `wadm` in a shell mode.

You can invoke `wadm` in stand-alone mode, shell mode, or file mode.

- **Stand-alone mode** — In the stand-alone mode, you can directly invoke the CLI specifying the desired command, options, and operands. On completion of a command, the CLI returns back to the shell. The stand-alone mode supports both interactive and non-interactive execution of commands. Interactive execution, which is the default, prompts for the passwords if not already specified in the command or password-file. Non-interactive execution executes a command without prompting for passwords. You must specify the user and password-file options for every command that you execute in the stand-alone mode.

Example for stand-alone mode:

```
$ wadm list-configs --user=admin --host=serverhost
--password-file=./admin.pwd
```

- **Shell mode** — In the shell mode, you can invoke the CLI from a shell that is embedded within `wadm`. On completion of the command, the CLI returns back to the shell. You can exit the shell by typing `exit` or `quit`. The shell mode supports both interactive and non-interactive execution of command. This mode accepts user and password-file when you invoke `wadm`.

Example for shell mode:

```
$ wadm --user=admin --password-file=./admin.pwd
Sun Java System Web Server 7.0 Update 1 20:35
wadm> list-configs
```

- **File mode** — In the file mode, you can create a `commands-file` containing a list of valid commands. The file mode accepts user and password-file when you invoke `wadm`.

Example for file mode:

```
$ cat sample.tcl
set wadm::command false
set x [list-configs]
puts $x
```

```
$ wadm --user=admin --password-file=./admin.pwd --commands-file=sample.tcl
```

where `sample.tcl` is the name of the `commands-file`.

To get help on `wadm`, type `wadm -help`

To get help on any specific command, type

```
wadm sub-command --help
```

For example, `$ wadm add-documents --help`

**Connect\_Options** Use the `connect_options` to connect to the Administration Server. `Connect_options` include administration user name, password file, host, port (SSL/non-SSL) and an optional preferences file. These options are common for all commands. In the shell mode, the `connect_options` that you provide while invoking `wadm` are automatically used for every command that you execute.

A list of `connect_options` and description is as follows:

```
[--user|-u admin-user] [--password-file|-w admin-pswd-file]
 [--host|-h admin-host] [--port|-p admin-port] [--no-ssl|-N]
 [--rcfile|-R rcfile]
```

**Note** – Optional arguments (or options) are displayed within square brackets [], for example, **[-user|-u]**.

<code>--user -u</code>	Specify the user name of the authorized Web Server administrator.
<code>--password-file -w</code>	Specify the name and the location of the password file. The password file contains the password to authenticate administrators to the Administration Server. Apart from the administration password, you can also specify other passwords such as <code>bind-password</code> , <code>user-password</code> , <code>keystore-password</code> , <code>token-pin</code> , and so on. If you do not specify this option, you will be prompted for a password while executing the command.

A sample password file is as follows:

```

wadm_password=wadm-password
wadm_bind_password=bind-password
wadm_user_password=user-password
wadm_token_pin=token-pin
wadm_keystore_password=keystore-password
wadm_key_password=key-password
wadm_new_token_pin=new-token-password
wadm_admin_password=admin-password
wadm_<token_name>=token-pin

```

**Note** – `wadm_<token_name>` is applicable only for the `start-instance` command. You can use `wadm_<token_name>` to set multiple token pins to start instances on multiple nodes.

For example, a default token named `internal` is configured for any instance. The entry for the default token in the `password-file` will be `wadm_internal=88888888`.

`--host|-h`

Specify the name of the machine where the Administration Server is running. The default host is `localhost`.

**Note** – This option is required only if you are connecting to Administration Server remotely.

`--port|-p`

Specify the port number of the Administration Server. The default non-SSL port is `8800` and the default SSL port is `8989`.

**Note** – If you are invoking the CLI from an Administration Server installation, port numbers (SSL port value by default or non-SSL port value if the `--no-ssl` option is specified) are automatically picked up.

`--no-ssl|-N`

Specify this option to use a plain text connection to communicate with the Administration Server. The default connection is SSL.

`--rcfile|-R`

Specify the name of the `rcfile` that has to be loaded while starting `wadm`. The default file is `.wadmrc`. The `.wadmrc` file is a TCL file that gets loaded before any command is executed. You can use the long options as variables by changing the hyphen (-) in the option name to underscore (\_) and prefixing it with `wadm`. For example:

- `--config` can be set as `set wadm_config config1`
- `--key-type` can be set as `set wadm_key_type ecc`

A sample `.wadmrc` is as follows:

```
set wadm_config sampleconfig
set wadm_password mypassword
set wadm_nodehost sample.sun.com
```

**The wadm Variables** You can also set the following wadm variables to modify the overall behavior of wadm:

- `wadm::command`: (Applicable only in the file mode.) Enables you to output all commands to `stdout` and `stderr`. If set to `true`, exceptions do not stop the execution of commands, rather they are printed in the `stdout` and the next command is executed. You can set this variable in the `commands - file`.

```
$ cat commands.tcl
set wadm::command true
set x [list-configs]
puts $x
```

where `commands.tcl` is the name of the `commands - file`.

- `wadm::savehist`: (Applicable only in the shell mode.) If set to `true`, all wadm commands that you execute are saved in the `wadm::histfile` file. The `wadm::histfile` is saved in your home directory. You can set this variable in the wadm environment using the `wadm>set wadm::savehist true` command:
- `wadm::file`: This is set to `true` if you are executing the wadm commands in the file mode.
- `wadm::tokenize`: If set to `true`, wadm parses the log files in a TCL friendly format.
- `wadm::log_date_format`: Use this variable to define the date format in the log files. The default format is `MM/dd/yyyy:HH:mm:ss`.
- `wadm::date_format`: Use this variable to define a date format in which a user can enter a date. The default value is the date format of the current locale.
- `wadm::property_separator`: Use this variable to define the property separator. The default value is the equal to (`=`) symbol. For example, `wadm>set wadm::property_separator :`
- `wadm::field_separator`: Use this variable to define the field or column separator. The default value is a blank space (). For example, `wadm>set wadm::field_separator |`
- `wadm::field_format`: Use this variable to define the display format of a field or column. The default value is `%-15s`. For example, `wadm>set wadm::field_format %-15s |`

**Exit Codes** The following exit codes are returned:

- `0` — command executed successfully
- `1-4` — connection failure errors
- `10-22` — parsing errors
- `33-43` — input/output errors
- `44-56` — general errors, for example, invalid configuration value
- `76-96` — generic back-end errors
- `110-123` — errors that are specific to Mbeans

- 125 — unknown errors

**Name** install-cert – installs a certificate

**Synopsis** `install-cert <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--token|-t name] [--replace|-a] [--file-on-server|-f] [--token-pin|-P name] --config|-c config-name --cert-type|-y server|chain|ca --nickname|-n nickname cert-file`

**Description** Use this command to install a certificate. Before you begin, you should have the certificate (DER) text from a certificate authority (CA). When you receive a certificate from the CA, it will be encrypted with your public key, which only you can decrypt. Web Server will use the key-pair file password you specify to decrypt the certificate when you install it.

**Options** For connect\_options description, see [help\(1\)](#).

- |                             |  |
|-----------------------------|--|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code> | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.  |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.   |
| <code>--token -t</code>     | Specify the token (cryptographic device), which contains the encrypted public key.   |
| <code>--config -c</code>    | Specify the name of the configuration for which you are installing the certificate.  |
| <code>--replace -a</code>   | If you specify this option, the command replaces the existing certificate (if any).  |
| <code>--cert-type -y</code> | Specify the type of certificates. The values can be <code>server-cert</code> , <code>cert-chain</code> , or <code>trusted-ca</code> . <ul style="list-style-type: none"><li>▪ <code>server-cert</code> — Indicates that the server will use the key-pair file password you specify to decrypt the certificate when you install it.</li><li>▪ <code>cert-chain</code> — Allows the SSL connection to continue at the client's discretion when the client does not recognize the certificate's CA. Certificate chaining is the process of presenting your CA's certificate in addition to your own.</li><li>▪ <code>trusted-ca</code> — Accepts the certificate of a CA as a trusted CA for client authentication.</li></ul> |

---

<code>--file-on-server -f</code>	If you specify this option, the command stores a copy of the certificate file on the server where you install the certificate.
<code>--nickname -n</code>	Specify the nick name or the short name of the certificate.
<code>--token-pin -P</code>	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the <code>token-pin</code> in the password file.

**Operands** *cert-file* Specify the name of the file that stores the certificate on the server.

**Examples** `wadm install-cert --user=admin --host=serverhost --port=8989  
--ssl=true --prompt=false --rcfile=null --password-file=certdb.newpasswd  
--config=config1 --token=internal --cert-type=server --nickname=cert1  
certbin.req`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-cert-request\(1\)](#), [list-certs\(1\)](#), [delete-cert\(1\)](#), [get-cert-prop\(1\)](#)

**Name** install-crl – installs a CRL

**Synopsis** `install-crl <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--file-on-server|-f] --config|-c config-name crl-file`

**Description** Use this command to install a Certificate Revocation List (CRL). A CRL is a revocation list provided by a certificate authority (CA). A CRL lists all certificates that either client or server users should no longer trust. When the data in a certificate changes, the certificate is revoked.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration where you want to install the CRL.
<code>--file-on-server -f</code>	If you specify this option, the CRL file is on the administration server machine.

**Operands** *crl-file* Specify the name of the CRL file that you want to install.

**Examples** `wadm install-crl --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 ServerSign.crl`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [list-crls\(1\)](#), [get-crl-prop\(1\)](#), [delete-crl\(1\)](#)

**Name** list-acls – lists all ACLs

**Synopsis** `list-acls <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--vs|-s vs-name] --config|-c config-name`

**Description** Use this command to list all Access Control Lists (ACL).

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--vs -s</code>	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the ACLs.

**Examples** `wadm list-acls --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [set-acl\(1\)](#), [get-acl\(1\)](#), [delete-acl\(1\)](#)

**Name** list-authdbs – lists all authentication databases

**Synopsis** `list-authdbs <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--vs|-s vs-name] --config|-c config-name`

**Description** Use this command to list all authentication databases.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify the option, the command displays additional columns of information.
<code>--vs -s</code>	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the authentication databases.

**Examples** `wadm list-authdbs --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

**Name** list-authdb-userprops – lists the authentication database user properties

**Synopsis** list-authdb-userprops <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--vs|-s *vs-name*] --config|-c *config-name* --authdb|-a *name*

**Description** Use this command to list the authentication database user properties.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--config -c	Specify the name of the configuration for which you want to list the authentication database user properties.
--authdb -a	Specify the name of the authentication database that contains the user properties to be listed.

**Examples** wadm list-authdb-userprops --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --authdb=LDAP1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-auth-realm\(1\)](#), [get-auth-realm-prop\(1\)](#), [set-auth-realm-prop\(1\)](#), [delete-authdb\(1\)](#), [list-auth-realms\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#)

**Name** list-auth-realms – lists all authentication realms

**Synopsis** list-auth-realms <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--all|-l] --config|-c *config-name*

**Description** Use this command to list all authentication realms.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.

**Examples** wadm list-auth-realms --user=admin --port=8989  
--password-file=../admin.passwd --host=serverhost --ssl=true  
--no-prompt --rcfile=null --config=config1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-auth-realm\(1\)](#), [set-auth-realm-prop\(1\)](#), [get-auth-realm-prop\(1\)](#), [delete-auth-realm\(1\)](#), [create-auth-realm-userprop\(1\)](#), [delete-auth-realm-userprop\(1\)](#), [list-auth-realm-userprops\(1\)](#)

**Name** list-auth-realm-userprops – lists authentication realm properties

**Synopsis** list-auth-realm-userprops <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *config-name*  
 --realm|-L *name*

**Description** Use this command to list all authentication realm properties.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.
--realm -L	Specify the name of the authentication realm.

**Examples** wadm list-auth-realm-userprops --user=admin  
 --password-file=../admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1  
 --realm=basic

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-auth-realm-userprop\(1\)](#), [delete-auth-realm-userprop\(1\)](#), [create-auth-realm\(1\)](#), [delete-auth-realm\(1\)](#), [get-auth-realm-prop\(1\)](#), [set-auth-realm-prop\(1\)](#), [list-auth-realms\(1\)](#)

**Name** list-certs – lists all certificates

**Synopsis** `list-certs <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--cert-type|-y(server|ca; default is 'server')] [--token|-t name] [--token-pin|-P name] --config|-c config-name`

**Description** Use this command to list all certificates.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--token -t</code>	Specify the token (cryptographic device), which contains the encrypted public key.
<code>--token-pin -P</code>	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the <code>token-pin</code> in the password file.
<code>--cert-type -y</code>	Specify the value as <code>server</code> to list the server certificates, or <code>ca</code> to list the certificate authority (CA) certificates.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the certificates.

**Examples** `wadm list-certs --user=admin --host=serverhost --port=8989 --ssl=true --prompt=false --rcfile=null --config=config1 --password-file=certdb.newpasswd`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-cert-request\(1\)](#), [install-cert\(1\)](#), [delete-cert\(1\)](#), [get-cert-prop\(1\)](#)

**Name** list-cgi-dirs – lists CGI directories

**Synopsis** `list-cgi-dirs <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name --vs|-s vs-name`

**Description** Use this command to list the CGI directories.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the CGI directories.
<code>--vs -s</code>	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.

**Examples** `wadm list-cgi-dirs --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-cgi-dir\(1\)](#), [delete-cgi-dir\(1\)](#)

**Name** list-cgi-envvars – lists the CGI environment variables

**Synopsis** list-cgi-envvars <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--all|-l] --config|-c *config-name*

**Description** Use this command to list the CGI environment variables.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the CGI environment variables.

**Examples** wadm list-cgi-envvars --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [delete-cgi-envvar\(1\)](#), [create-cgi-envvar\(1\)](#)

**Name** list-ciphers – lists ciphers

**Synopsis** list-ciphers <*connect\_options*> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--all|-l] [--cipher-type|-t *ssl2/ssl3tls* ]  
 --config|-c *config-name* --http-listener|-l *name*

**Description** Use this command to list SSL ciphers.

If you are using a *ssl2* cipher, the following cipher names are valid:

- SSL\_RC4\_128\_WITH\_MD5
- SSL\_RC4\_128\_EXPORT40\_WITH\_MD5
- SSL\_RC2\_128\_CBC\_WITH\_MD5
- SSL\_RC2\_128\_CBC\_EXPORT40\_WITH\_MD5
- SSL\_DES\_64\_CBC\_WITH\_MD5
- SSL\_DES\_192\_EDE3\_CBC\_WITH\_MD5

If you are using a *ssl3tls* cipher, the following cipher names are valid:

- SSL\_RSA\_WITH\_RC4\_128\_MD5
- SSL\_RSA\_WITH\_RC4\_128\_SHA
- SSL\_RSA\_WITH\_3DES\_EDE\_CBC\_SHA
- SSL\_RSA\_WITH\_DES\_CBC\_SHA
- SSL\_RSA\_EXPORT\_WITH\_RC4\_40\_MD5
- SSL\_RSA\_EXPORT\_WITH\_RC2\_CBC\_40\_MD5
- SSL\_RSA\_WITH\_NULL\_MD5
- SSL\_RSA\_WITH\_NULL\_SHA
- SSL\_RSA\_FIPS\_WITH\_3DES\_EDE\_CBC\_SHA
- SSL\_RSA\_FIPS\_WITH\_DES\_CBC\_SHA
- TLS\_ECDHE\_RSA\_WITH\_AES\_128\_CBC\_SHA
- TLS\_ECDH\_RSA\_WITH\_AES\_128\_CBC\_SHA
- TLS\_ECDH\_RSA\_WITH\_RC4\_128\_SHA
- TLS\_ECDH\_RSA\_WITH\_3DES\_EDE\_CBC\_SHA
- TLS\_ECDH\_ECDSA\_WITH\_AES\_256\_CBC\_SHA
- TLS\_ECDHE\_ECDSA\_WITH\_AES\_128\_CBC\_SHA
- TLS\_RSA\_EXPORT1024\_WITH\_DES\_CBC\_SHA
- TLS\_RSA\_EXPORT1024\_WITH\_RC4\_56\_SHA
- TLS\_RSA\_WITH\_AES\_128\_CBC\_SHA
- TLS\_RSA\_WITH\_AES\_256\_CBC\_SHA
- TLS\_ECDHE\_ECDSA\_WITH\_NULL\_SHA
- TLS\_ECDHE\_ECDSA\_WITH\_3DES\_EDE\_CBC\_SHA
- TLS\_ECDHE\_ECDSA\_WITH\_RC4\_128\_SHA
- TLS\_ECDHE\_ECDSA\_WITH\_AES\_256\_CBC\_SHA
- TLS\_ECDHE\_RSA\_WITH\_NULL\_SHA
- TLS\_ECDHE\_RSA\_WITH\_RC4\_128\_SHA
- TLS\_ECDHE\_RSA\_WITH\_3DES\_EDE\_CBC\_SHA

- TLS\_ECDHE\_RSA\_WITH\_AES\_256\_CBC\_SHA

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--cipher-type -t</code>	Specify the type of cipher. The value can be <code>ssl2</code> or <code>ssl3tls</code> ciphers.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the ciphers.
<code>--http-listener -l</code>	Specify the name of the HTTP listener.

**Examples** `wadm list-ciphers --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --cipher-type=ssl3tls --config=config1 --http-listener=config1_ls`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-ciphers\(1\)](#), [disable-ciphers\(1\)](#)

**Name** list-config-files – lists configuration files

**Synopsis** `list-config-files <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name`

**Description** Use this command to list the configuration file information.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration.

**Examples** `wadm list-config-files --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [set-config-file\(1\)](#), [get-config-file\(1\)](#)

**Name** list-configs – lists all existing configurations

**Synopsis** `list-configs <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l]`

**Description** Use this command to list all existing configurations.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.

**Examples** `wadm list-configs --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-config\(1\)](#), [delete-config\(1\)](#), [deploy-config\(1\)](#), [copy-config\(1\)](#), [pull-config\(1\)](#)

**Name** list-crls – lists all installed CRLs

**Synopsis** `list-crls <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name --vs|-s vs-name`

**Description** Use this command to list the Certificate Revocation List (CRL) for a specified configuration.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration for which you want to view the CRLs.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm list-crls --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [install-crl\(1\)](#), [delete-crl\(1\)](#), [get-crl-prop\(1\)](#)

**Name** list-custom-resources – lists all custom resources

**Synopsis** `list-custom-resources <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name`

**Description** Use this command to list all custom resources.

**Options** For connect\_options description, see [help\(1\)](#).

- |                             |   |
|-----------------------------|---|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code> | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option. |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.  |
| <code>--all -l</code>       | If you specify this option, the command displays additional columns of information.   |
| <code>--config -c</code>    | Specify the name of the configuration for which you want to list the custom resources.  |

**Examples** `wadm list-custom-resources --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

- |    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [delete-custom-resource-userprop\(1\)](#), [list-custom-resource-userprops\(1\)](#), [create-custom-resource\(1\)](#), [delete-custom-resource\(1\)](#), [set-custom-resource-prop\(1\)](#), [get-custom-resource-prop\(1\)](#)

**Name** list-custom-resource-userprops – displays all custom resource properties

**Synopsis** list-custom-resource-userprops <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *config-name*  
 --jndi-name|-j *resourcename*

**Description** Use this command to list all custom resource properties.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.
--jndi-name -j	Specify the name of the Java Naming and Directory Interface.

**Examples** wadm list-custom-resource-userprops --user=admin  
 --password-file=../admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1  
 --jndi-name=custom

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [delete-custom-resource-userprop\(1\)](#), [create-custom-resource\(1\)](#), [set-custom-resource-prop\(1\)](#), [delete-custom-resource\(1\)](#), [list-custom-resources\(1\)](#), [get-custom-resource-prop\(1\)](#)

**Name** list-dav-collections – displays a list of DAV collections

**Synopsis** list-dav-collections <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] [--all|-l]  
--config|-c *config-name* --vs|-s *vs-name*

**Description** Use this command to view a list of DAV collections.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the DAV collection.
--vs -s	Specify the name of the virtual server.

**Examples** wadm list-dav-collections --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-dav-collection\(1\)](#), [get-dav-collection-prop\(1\)](#), [set-dav-collection-prop\(1\)](#), [delete-dav-collection\(1\)](#), [enable-dav-collection\(1\)](#), [disable-dav-collection\(1\)](#)

**Name** list-document-dirs – lists all document directories

**Synopsis** `list-document-dirs <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name --vs|-s vs-name`

**Description** Use this command to list all document directories.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the document directories.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm list-document-dirs --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-document-dir\(1\)](#), [delete-document-dir\(1\)](#)

**Name** list-error-pages – lists error pages

**Synopsis** list-error-pages <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--uri-pattern|-t *pattern*] [--all|-l]  
--vs|-s *vs-name* --config|-c *config-name*

**Description** Use this command to list the error pages.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the error pages.
--vs -s	Specify the name of the virtual server.

**Examples** wadm list-error-pages --user=admin --password-file=./admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 --vs=config1\_vs\_1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [delete-error-page\(1\)](#), [set-error-page\(1\)](#), [get-error-page\(1\)](#)

**Name** list-events – displays all events

**Synopsis** `list-events <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name`

**Description** Use this command to list all scheduled events.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the events.

**Examples** `wadm list-events --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-event\(1\)](#), [delete-event\(1\)](#), [disable-event\(1\)](#), [enable-event\(1\)](#)

**Name** list-external-jndi-resources – lists all external JNDI resources

**Synopsis** `list-external-jndi-resources <connect_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name`

**Description** Use this command to list all external Java Naming and Directory Interface (JNDI) resources.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the external JNDI resources.

**Examples** `wadm list-external-jndi-resources --user=admin  
 --password-file=../admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-external-jndi-resource\(1\)](#), [get-external-jndi-resource-prop\(1\)](#), [delete-external-jndi-resource\(1\)](#), [get-external-jndi-resource-prop\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#), [delete-external-jndi-resource-userprop\(1\)](#)

- Name** list-external-jndi-resource-userprops – lists all external JNDI resource properties
- Synopsis** `list-external-jndi-resource-userprops <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name --jndi-name|-j resourcename`
- Description** Use this command to list the external JNDI (Java Naming and Directory Interface) resource properties.
- Options** For connect\_options description, see [help\(1\)](#).
- |                             |   |
|-----------------------------|---|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code> | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option. |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.  |
| <code>--all -l</code>       | If you specify this option, the command displays additional columns of information.   |
| <code>--config -c</code>    | Specify the name of the configuration.  |
| <code>--jndi-name -j</code> | Specify the JNDI name of the resource.  |
- Examples** `wadm list-external-jndi-resource-userprops --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --jndi-name=external-jndi`
- Exit Status** The following exit values are returned:
- |    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |
- See Also** [help\(1\)](#), [create-external-jndi-resource\(1\)](#), [get-external-jndi-resource-prop\(1\)](#), [delete-external-jndi-resource\(1\)](#), [get-external-jndi-resource-prop\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#), [delete-external-jndi-resource-userprop\(1\)](#)

**Name** list-fastcgi-handlers – lists FastCGI handlers

**Synopsis** `list-fastcgi-handlers <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--uri-pattern|-t pattern] [--config|-c config-name --vs|-s vs-name]`

**Description** Use this command to list all FastCGI handlers.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--uri-pattern -t</code>	Specify the URI pattern.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the FastCGI handlers.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm list-fastcgi-handlers --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --uri-pattern=/fastcgi/* --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-fastcgi-handler\(1\)](#), [delete-fastcgi-handler\(1\)](#), [get-fastcgi-handler-prop\(1\)](#), [set-fastcgi-handler-prop\(1\)](#)

**Name** list-group-members – lists group members

**Synopsis** `list-group-members <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--org-unit|-o orgunit] [--vs|-s vs-name] [--config|-c config-name --authdb|-a name --group|-g group-id`

**Description** Use this command to list all group members.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the group members.
<code>--vs -s</code>	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
<code>--org-unit -o</code>	Enter a description of an organizational unit within your company to which this group member belongs.
<code>--authdb -a</code>	Specify the name of the authentication database that stores the group information.
<code>--group -g</code>	Specify the ID of the group member.

**Examples** `wadm list-group-members --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --authdb=LDAP1 --group=group1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-group-member\(1\)](#), [delete-group-member\(1\)](#)

**Name** list-groups – lists user groups

**Synopsis** `list-groups <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--name|-n wildcardcharacter] [--vs|-s vs-name] --config|-c config-name --authdb|-a name`

**Description** Use this command to list user groups.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--name -n</code>	Specify the name of the user group that you want to list. Use wildcard character to list specific user groups.
<code>--vs -s</code>	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the group information.
<code>--authdb -a</code>	Specify the name of the authentication database that stores the group information.

**Examples** `wadm list-groups --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --authdb=LDAP1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-group\(1\)](#), [delete-group\(1\)](#)

**Name** list-http-listeners – displays all existing HTTP listeners

**Synopsis** list-http-listeners <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--all|-l] --config|-c *config-name*

**Description** Use this command to list all existing HTTP listeners.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the HTTP listener sockets.

**Examples** wadm list-http-listeners --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true  
 --no-prompt --rcfile=null --config=config1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-http-listener\(1\)](#), [set-http-listener-prop\(1\)](#), [delete-http-listener\(1\)](#), [get-http-listener-prop\(1\)](#)

**Name** list-instances – lists all nodes or configurations

**Synopsis** `list-instances <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--config|-c config-name] [--node|-n node-name] [--all|-l (--config=name | --node=name)]`

**Description** Use this command to list all instances. If you specify the configuration name, the command lists all nodes on which the configuration is deployed. If you specify the node, the command lists all configurations deployed on that node. In the verbose mode, this command also lists the instance status.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the nodes.
<code>--node -n</code>	Specify the host name of the node for which you want to list the configurations.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.

**Examples** `wadm list-instances --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-instance\(1\)](#), [delete-instance\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

**Name** list-jdbc-resources – lists all JDBC resources

**Synopsis** `list-jdbc-resources <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name`

**Description** Use this command to list all JDBC resources.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the JDBC resources.

**Examples** `wadm list-jdbc-resources --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#), [list-jdbc-resource-userprops\(1\)](#), [create-jdbc-resource\(1\)](#), [delete-jdbc-resource\(1\)](#), [set-jdbc-resource-prop\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

**Name** list-jdbc-resource-userprops – lists all JDBC resource properties

**Synopsis** `list-jdbc-resource-userprops <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--property-type|-t type] --config|-c config-name --jndi-name|-j resourcename`

**Description** Use this command to list the JDBC resource properties.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--property-type -t</code>	Specify the type of the JDBC resource property. The types of property can be <code>property</code> , <code>connection-lease-property</code> , or <code>connection-creation-property</code> . The default type is <code>property</code> .
<code>--config -c</code>	Specify the name of the configuration.
<code>--jndi-name -j</code>	Specify the name of the Java Naming and Directory Interface (JNDI).

**Examples** `wadm list-jdbc-resource-userprops --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --jndi-name=jdbc`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#), [create-jdbc-resource\(1\)](#), [set-jdbc-resource-prop\(1\)](#), [delete-jdbc-resource\(1\)](#), [list-jdbc-resources\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

**Name** list-jvm-options – lists all JVM options

**Synopsis** `list-jvm-options <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--profiler|-r profiler-name] [--debug-options|-d] --config|-c config-name`

**Description** Use this command to list all Java Virtual Machine (JVM) options.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--profiler -r</code>	Indicates if these options belong to the JVM profiler.
<code>--debug-options -d</code>	Specify this option to list the JVM options of type debug.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the JVM options.

**Examples** `wadm list-jvm-options --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#), [create-jvm-profiler\(1\)](#), [set-jvm-profiler-prop\(1\)](#), [get-jvm-profiler-prop\(1\)](#), [delete-jvm-profiler\(1\)](#), [list-jvm-profilers\(1\)](#)

**Name** list-jvm-profilers – lists all JVM profilers

**Synopsis** `list-jvm-profilers <connect_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name`

**Description** Use this command to list all Java Virtual Machine (JVM) profilers.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the JVM profilers.

**Examples** `wadm list-jvm-profilers --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-jvm-profiler\(1\)](#), [set-jvm-profiler-prop\(1\)](#), [get-jvm-profiler-prop\(1\)](#), [delete-jvm-profiler\(1\)](#), [create-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#), [list-jvm-options\(1\)](#)

**Name** list-lifecycle-modules – lists all lifecycle modules

**Synopsis** `list-lifecycle-modules <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v] [- -all|-l] --config|-c config-name`

**Description** Use this command to list all lifecycle modules.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the lifecycle modules.

**Examples** `wadm list-lifecycle-modules --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-lifecycle-module\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [get-lifecycle-module-prop\(1\)](#), [delete-lifecycle-module\(1\)](#), [create-lifecycle-module-userprop\(1\)](#), [delete-lifecycle-module-userprop\(1\)](#), [list-lifecycle-module-userprops\(1\)](#)

**Name** list-lifecycle-module-userprops – lists the lifecycle module properties

**Synopsis** `list-lifecycle-module-userprops <connect_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name  
--module|-m name`

**Description** Use this command to list the lifecycle module properties.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration.
<code>--module -m</code>	Specify the name of the life cycle module.

**Examples** `wadm list-lifecycle-module-userprops --user=admin  
--host=serverhost--password-file=./admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1 --module=Lifecycle1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-lifecycle-module-userprop\(1\)](#), [delete-lifecycle-module-userprop\(1\)](#), [create-lifecycle-module\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [delete-lifecycle-module\(1\)](#), [get-lifecycle-module-prop\(1\)](#), [list-lifecycle-modules\(1\)](#)

**Name** list-locks – displays a list of locks

**Synopsis** `list-locks <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name --vs|-s vs-name --collection-uri|-d uri`

**Description** Use this command to view a list of locks. You can lock a resource so as to serialize access to that resource. Using a lock, a user accessing a particular resource is reassured that another user will not modify the same resource. The lock database maintained by the server keeps track of the lock tokens that are issued to users.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the locks.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--collection-uri -d</code>	Specify the name of the collection URI.

**Examples** `wadm list-locks --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs1 --collection-uri=/dav1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [expire-lock\(1\)](#)

**Name** list-mail-resources – lists all mail resources

**Synopsis** list-mail-resources <*connect\_options*> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--all|-l] --config|-c *config-name*

**Description** Use this command to list all mail resources.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to view the mail resources.

**Examples** wadm list-mail-resources --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true  
--no-prompt --rcfile=null --config=config1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-mail-resource\(1\)](#), [delete-mail-resource\(1\)](#), [set-mail-resource-prop\(1\)](#), [get-mail-resource-prop\(1\)](#), [create-mail-resource-userprop\(1\)](#), [delete-mail-resource-userprop\(1\)](#), [list-mail-resource-userprops\(1\)](#)

**Name** list-mail-resource-userprops – lists the mail resource user properties

**Synopsis** list-mail-resource-userprops <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *config-name*  
 --jndi-name|-j *name*

**Description** Use this command to list the mail resource user properties.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.
--jndi-name -j	Specify the JNDI name of the mail resource.

**Examples** wadm list-mail-resource-userprops --user=admin  
 --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true  
 --no-prompt --rcfile=null --config=config1 --jndi-name=MailReso

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-mail-resource\(1\)](#), [delete-mail-resource\(1\)](#), [list-mail-resources\(1\)](#), [get-mail-resource-prop\(1\)](#), [create-mail-resource-userprop\(1\)](#), [delete-mail-resource-userprop\(1\)](#)

**Name** list-mime-types – lists all MIME types

**Synopsis** list-mime-types <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--all|-l] [--vs|-s vs-name]  
[--category|-y type|enc|lang]  
--config|-c config-name

**Description** Use this command to list all MIME (Multi-purpose Internet Mail Extension) types.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--vs -s	Specify the name of the virtual server.
--category -y	Specify the category of the MIME types. The value can be type, enc, or lang.
--config -c	Specify the name of the configuration.

**Examples** wadm list-mime-types --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-mime-type\(1\)](#), [delete-mime-type\(1\)](#)

**Name** list-nodes – lists all nodes

**Synopsis** `list-nodes <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l]`

**Description** Use this command to lists all the nodes that are registered to the administration server. This command also lists the node status.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.

**Examples** `wadm list-nodes --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-instance\(1\)](#), [delete-instance\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#)

**Name** list-org-units – lists all organization units

**Synopsis** `list-org-units <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--vs|-s vs-name] --config|-c config-name --authdb|-a name`

**Description** Use this command to list all organization units.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--vs -s</code>	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the organization units.
<code>--authdb -a</code>	Specify the authentication database that stores the organization unit information.

**Examples** `wadm list-org-units --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --authdb=LDAP1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-group\(1\)](#)

**Name** list-reverse-proxy-headers – lists reverse proxy headers

**Synopsis** `list-reverse-proxy-headers <connect_options> [--echo|-e]  
 [--no-prompt|-Q][--verbose|-v] [--all|-l] --config|-c config-name  
 --vs|-s vs-name --uri-prefix|-r uri-prefix`

**Description** Use this command to list the reverse proxy headers.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri-prefix -r</code>	Specify the URI of the reverse proxy.

**Examples** `wadm list-reverse-proxy-headers --user=admin  
 --password-file=./admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs  
 --uri-prefix=/simple/`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [block-reverse-proxy-header\(1\)](#), [forward-reverse-proxy-header\(1\)](#), [create-reverse-proxy\(1\)](#), [delete-reverse-proxy\(1\)](#), [get-reverse-proxy-prop\(1\)](#), [set-reverse-proxy-prop\(1\)](#)

**Name** list-reverse-proxy-uris – lists the reverse proxy URIs

**Synopsis** list-reverse-proxy-uris <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *config-name*  
--vs|-s *vs-name*

**Description** Use this command to list the reverse proxy Universal Resource Indicators (URI).

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Examples** wadm list-reverse-proxy-uris --user=admin  
--password-file=../admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-reverse-proxy\(1\)](#), [delete-reverse-proxy\(1\)](#), [get-reverse-proxy-prop\(1\)](#), [set-reverse-proxy-prop\(1\)](#), [block-reverse-proxy-header\(1\)](#), [forward-reverse-proxy-header\(1\)](#), [list-reverse-proxy-headers\(1\)](#)

**Name** list-search-collections – lists search collections

**Synopsis** `list-search-collections <connect_options> [--echo|-e]  
 [--no-prompt|-Q][--verbose|-v] [--all|-l] --vs|-s vs-name  
 --config|-c config-name`

**Description** Use this command to list the search collections.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm list-search-collections --user=admin  
 --password-file=./admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-search-collection\(1\)](#), [set-search-collection-prop\(1\)](#), [delete-search-collection\(1\)](#), [get-search-collection-prop\(1\)](#), [reindex-search-collection\(1\)](#)

**Name** list-search-events – lists all search events

**Synopsis** `list-search-events <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name --vs|-s vs-name --collection|-O name`

**Description** Use this command to list search events.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--collection -O</code>	Specify the name of the collection.

**Examples** `wadm list-search-events --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs1 --collection=coll1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-search-event\(1\)](#), [delete-search-event\(1\)](#), [disable-search-event\(1\)](#), [enable-search-event\(1\)](#)

**Name** list-soap-auth-providers – lists all SOAP authentication providers

**Synopsis** `list-soap-auth-providers <connect_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--all|-l]  
 --config|-c config-name`

**Description** Use this command to list the SOAP authentication providers.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration.

**Examples** `wadm list-soap-auth-providers --user=admin  
 --password-file=../admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-soap-auth-provider\(1\)](#), [set-soap-auth-provider-prop\(1\)](#), [delete-soap-auth-provider\(1\)](#), [get-soap-auth-provider-prop\(1\)](#), [create-soap-auth-provider-userprop\(1\)](#), [delete-soap-auth-provider-userprop\(1\)](#), [list-soap-auth-provider-userprops\(1\)](#)

**Name** list-soap-auth-provider-userprops – lists the SOAP authentication provider properties

**Synopsis** list-soap-auth-provider-userprops <connect\_options> [-echo|-e]  
[-no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *config-name*  
--provider|-o *name*

**Description** Use this command to list the SOAP authentication provider properties.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.
--provider -o	Specify the name of the SOAP authentication provider.

**Examples** wadm list-soap-auth-provider-userprops --user=admin  
--password-file=../admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1  
--provider=soap-auth

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-soap-auth-provider-userprop\(1\)](#), [delete-soap-auth-provider-userprop\(1\)](#), [create-soap-auth-provider\(1\)](#), [set-soap-auth-provider-prop\(1\)](#), [get-soap-auth-provider-prop\(1\)](#), [delete-soap-auth-provider\(1\)](#), [list-soap-auth-providers\(1\)](#)

**Name** list-tokens – lists PKCS #11 tokens

**Synopsis** `list-tokens <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name`

**Description** Use this command to list all PKCS#11 tokens.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration.

**Examples** `wadm list-tokens --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-pkcs11-prop\(1\)](#), [set-pkcs11-prop\(1\)](#), [set-token-prop\(1\)](#), [set-token-pin\(1\)](#)

**Name** list-uri-patterns – lists all URI patterns

**Synopsis** `list-uri-patterns <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--feature|-f feature] --vs|-s vs-name --config|-c config-name`

**Description** Use this command to list all Uniform Resource Indicator (URI) patterns.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--feature -f</code>	Specify the feature whose URI patterns should be listed.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Examples** `wadm list-uri-patterns --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-user\(1\)](#), [set-user-prop\(1\)](#), [get-user-prop\(1\)](#), [delete-user\(1\)](#)

**Name** list-url-redirects – lists all forwarding URLs

**Synopsis** list-url-redirects <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--all|-l] --type|-t (uri-prefix|condition)  
 --config|-c config-name --vs|-s vs-name

**Description** Use this command to list all forwarding URLs.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--type -t	Specify the type of the URL redirects.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Examples** wadm list-url-redirects --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 --vs=vs

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-url-redirect\(1\)](#), [get-url-redirect-prop\(1\)](#), [delete-url-redirect\(1\)](#)

**Name** list-users – lists all users

**Synopsis** `list-users <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--uid|-U wildcardstr] [--first-name|-f wildcardstr] [--last-name|-n wildcardstr] [--email|-mwildcardstr] [--vs|-s vs-name] --config|-c config-name --authdb|-a name`

**Description** Use this command to list all users.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--first-name -f</code>	Specify a wildcard string for the user's first name.
<code>--last-name -n</code>	Specify a wildcard string for the user's last name.
<code>--uid -U</code>	Specify a wildcard string for the user ID.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--config -c</code>	Specify the name of the configuration.
<code>--authdb -a</code>	Specify the name of the authentication database from which the list of users will being obtained.

**Examples** `wadm list-users --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --authdb=LDAP1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-user\(1\)](#), [set-user-prop\(1\)](#), [get-user-prop\(1\)](#), [delete-user\(1\)](#)

**Name** list-variables – lists all variables

**Synopsis** `list-variables <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s vs-name] [--all|-l] --config|-c config-name`

**Description** Use this command to list the server .xml variables.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--config -c</code>	Specify the name of the configuration.

**Examples** `wadm list-variables --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs1`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-variable\(1\)](#), [delete-variable\(1\)](#)

**Name** list-virtual-servers – lists all virtual servers

**Synopsis** `list-virtual-servers <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name`

**Description** Use this command to list all virtual servers.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                             |  |
|-----------------------------|--|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.   |
| <code>--all -l</code>       | If you specify this option, the command displays additional columns of information.  |
| <code>--config -c</code>    | Specify the name of the configuration where the virtual servers exist.   |

**Examples** `wadm list-virtual-servers --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1`

**Exit Status** The following exit values are returned:

- |    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** [help\(1\)](#), [create-virtual-server\(1\)](#), [set-virtual-server-prop\(1\)](#), [get-virtual-server-prop\(1\)](#), [delete-virtual-server\(1\)](#), [copy-virtual-server\(1\)](#)

**Name** list-webapps – lists all web applications

**Synopsis** `list-webapps <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c config-name --vs|-s vs-name`

**Description** Use this command to list all web applications.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of a virtual server.

**Examples** `wadm list-webapps --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [add-webapp\(1\)](#), [remove-webapp\(1\)](#), [enable-webapp\(1\)](#), [disable-webapp\(1\)](#)

**Name** migrate-jks-keycert – migrates all certs and keys from JKS

**Synopsis** migrate-jks-keycert <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--token|-t *name*]  
 [--key-password|-y] [--keystore-password|-o]  
 [--token-pin|-P] --config|-c *config-name*  
 --keystore|-k *path*

**Description** Given a Java keystore, this command will migrate all certificates and keys from the JKS to the configuration's certificate database (NSS based). The Administration password file must contain the following lines for migrate-jks-keystore, else you will be prompted for these passwords:

- wadm\_key\_password=<pswd>
- wadm\_keystore\_password=<pswd>
- wadm\_token\_pin=<pswd>

**Options** For connect\_options description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.
- verbose|-v Specify this option to display a verbose output.
- key-password|-y Specify the key password while migrating the JKS. You can also define the key-password in the password file.
- keystore-password|-o Specify the key store password while migrating the JKS. You can also define the keystore-password in the password file.
- token|-t Specify the token (cryptographic device), which contains the encrypted public key.
- token-pin|-P Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the token-pin in the password file.
- config|-c Specify the name of the configuration.
- keystore|-k Specify the path to the JKS path.

**Examples** wadm migrate-jks-keycert --user=admin --host=serverhost  
 --port=8989 --ssl=true --prompt=false --rcfile=null

```
--password-file=certdb.newpasswd --config=config1  
--token=internal --keystore=server-truststore.jks
```

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [delete-instance\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [list-nodes\(1\)](#), [migrate-server\(1\)](#)

**Name** migrate-server – migrates instances

**Synopsis** migrate-server <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--search-collection-copy-path|-s  
 directory] [--log-dir|-d directory]  
 ([--all|-l] | [--config|-c newconfigname] |  
 [--instance|-n instancename]) --server-root|-r path

**Description** Use this command to migrate Web Server instances. This command migrates a Web Server 6.0 or 6.1 instance to Web Server 7.0. The old and new instance installation should always be on the same machine. Before migration, stop the old server instance to avoid any port clashes. See the migration log before using the migrated instance to check if any manual configuration is required.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--search-collection-copy-path -s	Specify the directory for the search-collections of the old instance.
--config -c	Specify the name of the new configuration that will be created after migration.
--instance -n	Specify the name of the instance to be migrated.
--all -l	Specify this option to migrate all server instances.
--log-dir -d	Specify the directory for creating the migration log files, for example, server_root/admin-serv/logs.
--server-root -r	Specify the installation location (directory) where previous versions of Web Server, that is, 6.0 or 6.1 is installed.

**Examples** wadm migrate-server --user=admin --password-file=../admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 --log-dir=/sun/WS7/https-server1/logs  
 --server-root=/sun/WS7 --instance=https-instance1

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [delete-instance\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [list-nodes\(1\)](#), [migrate-jks-keycert\(1\)](#)

**Name** pull-config – pulls a configuration from a node to overwrite the config-store

**Synopsis** pull-config <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c config-name nodehost

**Description** Use this command to pull a configuration from any instance of the configuration and overwrite the configuration in the config-store. You can use this command when an instance is modified manually, so that the manual modification can be reflected in the config-store.

**Caution** – Do not edit any file under the config-store directory. The files under this directory are created by Sun Java System Web Server for internal use.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the server configuration.

**Operands** nodehost Specify the name of the node.

**Examples** wadm pull-config --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 node1

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-config\(1\)](#), [delete-config\(1\)](#), [list-configs\(1\)](#), [deploy-config\(1\)](#), [copy-config\(1\)](#)

**Name** reconfig-instance – reconfigures server instances

**Synopsis** reconfig-instance <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*nodehost*)\*

**Description** Use this command to reconfigure server instances. Configuration changes are reflected on instances without a server restart. Only dynamically reconfigurable changes in the configuration will be effected.

Changes in the user, temp-path, log, thread-pool, pkcs11, stats, cgi, dns, dns-cache, file-cache, acl-cache, ssl-session-cache, access-log-buffer, and jvm [except log-level] settings will not come in to effect after a reconfiguration. Any such changes that require restart will be logged when a reconfiguration is done. Reconfiguring the file cache requires a server restart.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

**Operands** *nodehost* Specify the name of the node.

**Examples** wadm reconfig-instance --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 serverhost

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [delete-instance\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

**Name** register-node – registers a node to an administration server.

**Synopsis** register-node <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v]

**Description** Use this command to register an administration node with an administration server. Note that the administration server must be running for register-node to work

**Options** For connect\_options description, see [help\(1\)](#).

- |                |  |
|----------------|--|
| --echo -e      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.                                 |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v   | Specify this option to display a verbose output.   |

**Examples** wadm register-node --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null

**Exit Status** The following exit values are returned:

- |    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** [help\(1\)](#), [remove-node\(1\)](#)

**Name** reindex-search-collection – reindexes a search collection

**Synopsis** reindex-search-collection <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --vs|-s *vs-name* *collection-name*

**Description** Use this command to reindex a search collection. If you modify the documents after creating a collection, the collection is reindexed. Reindexing a collection does not index any new content into the collection; it only updates the existing contents. Also, it removes the index entries for documents that are no longer present in the server file system.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

--vs|-s Specify the name of the virtual server.

**Operands** *collection-name* Specify the name of the collection.

**Examples** wadm reindex-search-collection --user=admin  
 --password-file=../admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1  
 --vs=vs searchcoll

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-search-collection\(1\)](#), [list-search-collections\(1\)](#), [delete-search-collection\(1\)](#)

**Name** remove-documents – removes search documents

**Synopsis** remove-documents <*connect\_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s *vs-name*] --pattern|-P *pattern* --config|-c *config-name* --collection|-O *name*

**Description** Use this command to remove the search documents.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server.
--pattern -P	Specify the wild card pattern of the documents that have to be deleted.
--config -c	Specify the name of the configuration.
--collection -O	Specify the name of the collection.

**Examples** wadm remove-documents --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --pattern=\*.jpg --collection=searchcoll2

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [add-documents\(1\)](#)

**Name** `remove-node` – removes a node from the server farm

**Synopsis** `remove-node <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--force|-f] --node|-n node-name`

**Description** Use this command to remove a node from the server farm.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                             |  |
|-----------------------------|--|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.   |
| <code>--force -f</code>     | Specify this option to enable a forced removal of a node.  |
| <code>--node -n</code>      | Specify the name of the node that you want to remove.  |

**Examples** `wadm remove-node --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --node=node1`

**Exit Status** The following exit values are returned:

- |    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** [help\(1\)](#), [register-node\(1\)](#)

**Name** remove-webapp – removes web applications

**Synopsis** remove-webapp <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --vs|-s vs-name --uri|-r context-root  
--config|-c config-name

**Description** Use this command to remove a web application.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server.
--uri -r	Specify the root URI for the web application.
--config -c	Specify the name of the configuration.

**Examples** wadm remove-webapp --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 --vs=vs --uri=/simpleapp

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [add-webapp\(1\)](#), [enable-webapp\(1\)](#), [disable-webapp\(1\)](#), [list-webapps\(1\)](#)

**Name** renew-admin-certs – renews administration certificates

**Synopsis** `renew-admin-certs <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--token-pin|-P name] [--validity|-d num of months]`

**Description** Use this command to renew the administration certifications with the nicknames Admin-CA-Cert, Admin-Server-Cert, and Admin-Client-Cert. This command also updates the nodes that are currently running and are accessible with the renewed certificates.

After you run this command, it is recommended that you stop and restart the administration servers and nodes so that the new certificates will be in effect. It is necessary that you re-register a node if the node was offline (not running or was not accessible due to network problems) during the renewal of the certificates.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--token-pin -P</code>	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the token-pin in the password file.
<code>--validity -d</code>	Specify the validity period (in months) for the administration certificates. The default validity period is 120 months.

**Examples** `wadm renew-admin-certs --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --validity=120`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-cert-request\(1\)](#), [list-certs\(1\)](#), [delete-cert\(1\)](#), [get-cert-prop\(1\)](#), [install-cert\(1\)](#)

**Name** restart-admin – restarts the administration server or node

**Synopsis** restart-admin <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] nodehost

**Description** Use this command to restart the administration server or node. This command allows you to restart only the administration server. To restart any instance, use the restart-instance command.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

**Operands** nodehost Specify the name of the administration server or node.

**Examples** wadm restart-admin --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null serverhost

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [stop-admin\(1\)](#), [set-admin-prop\(1\)](#), [get-admin-prop\(1\)](#)

**Name** restart-instance – restarts instances

**Synopsis** restart-instance <*connect\_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*nodehost*)\*

**Description** Use this command to restart the instance running on the specified configuration and on the specified node. If no nodes are specified, all instances running on the specified configuration are restarted. If the instance on any node is not running, this command will display an error.

**Options** For *connect\_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the configuration that the instance points to.

**Operands** *nodehost* Specify the name of the node.

**Examples** wadm restart-instance --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 serverhost

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [delete-instance\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

**Name** rotate-log – rotates log

**Synopsis** rotate-log <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c config-name (nodehost)\*

**Description** Use this command to rotate log. The logs are rotated at the time you execute this command. The server saves the old log files and marks the saved file with a name that includes the date and time when they were saved.

**Note** – You can set up your log files to be automatically archived. At a certain time, or after a specified interval, the server rotates your access logs.

**Options** For connect\_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

**Operands** nodehost Specify the name of the node.

**Examples** wadm rotate-log --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 node1

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [create-event\(1\)](#), [get-log-prop\(1\)](#), [get-access-log-prop\(1\)](#)

- Name** set-access-log-buffer-prop – edits the access log buffer properties
- Synopsis** set-access-log-buffer-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*property-name=value*)<sup>+</sup>
- Description** Use this command to edit the access log buffer properties. The properties that you can edit are as follows:
- **enabled** - Indicates whether the system buffers access log updates. The default value is true.
  - **buffer-size** - The size (in bytes) of individual access log buffers. The range of values is 4096–1048576.
  - **max-buffers** - The maximum number of access log buffers per server. The range of values is 1–65536.
  - **max-buffers-per-file** - The maximum number of access log buffers per access log file. The range of values is 1–128. The default value is default.
  - **max-age** - The maximum amount of time to buffer a given access log entry. The range of values is 0.001–3600.
- Options** For connect\_options description, see [help\(1\)](#).
- echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
  - no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.
  - verbose|-v Specify this option to display a verbose output.
  - config|-c Specify the name of the configuration.
- Operands** *property-name=value* Specify the name and value of the access log buffer property that you want to edit.
- Examples** wadm set-access-log-buffer-prop --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 max-buffers=1200 buffer-size=8193 enabled=true max-age=1 max-buffers-per-file=8

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [get-access-log-buffer-prop\(1\)](#), [enable-access-log\(1\)](#), [disable-access-log\(1\)](#), [get-access-log\(1\)](#), [get-log\(1\)](#), [get-log-prop\(1\)](#), [set-log-prop\(1\)](#), [rotate-log\(1\)](#)

**Name** set-acl – edits an Access Control List

**Synopsis** set-acl <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] [--vs|-s vs-name] --config|-c config-name  
 --aclfile|-l file

**Description** Use this command to edit an Access Control List (ACL).

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--aclfile -l	Specify the name of ACL file that you want to edit to add or remove an access control entry.
--config -c	Specify the name of the configuration.

**Examples** wadm set-acl --user=admin --password-file=../admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --vs=vs --config=config1 --aclfile=sample.acl

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-acl\(1\)](#), [list-acls\(1\)](#), [delete-acl\(1\)](#)

**Name** set-acl-cache-prop – edits the ACL cache properties

**Synopsis** set-acl-cache-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*propertyname=value*)+

**Description** Use this command to edit the access control list (ACL) cache properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server caches the file content and meta information. The default value is `true`.
- **max-users** - The maximum number of users for which the server will cache authentication information. The range of values is 1 - 1048576.
- **max-groups-per-user** — The maximum number of groups per user for which the server will cache the membership information. The range of values is 1 - 1024.
- **max-age** — The maximum amount of time ((in seconds) to cache the authentication information. The range of values is 0.001 - 3600.

**Options** For connect\_options description, see [help\(1\)](#).

- |                |  |
|----------------|--|
| --echo -e      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.                                 |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v   | Specify this option to display a verbose output.   |
| --config -c    | Specify the name of the configuration.   |

**Operands** *propertyname=value* Specify the name and value of the file cache property that you want to edit.

**Examples** `wadm set-acl-cache-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 enabled=false max-users=400 max-age=240 max-groups-per-user=8`

**Exit Status** The following exit values are returned:

- |    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** [help\(1\)](#), [get-acl-cache-prop\(1\)](#)

**Name** set-admin-prop – sets the administration node properties

**Synopsis** set-admin-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--node|-n *node-name*] [--set-password|-r] (*propertyname=value*)+

**Description** Use this command to edit the administration node properties. The properties that you can edit are as follows:

- `description` - The description of the node.
- `server-user` - The user ID of the server user, for example, root.
- `ssl-port` - The SSL port if the server uses SSL connection to communicate.
- `non-ssl-port` - The non-SSL port if the server uses non-SSL connection to communicate.
- `java-home` - The location of the JDK directory. The JDK must have permission for the account the server runs as.
- `log-level` - The log verbosity for the server.
- `log-file` - The path of the server's log file.
- `admin-user` - The user name of the authorized Web Server administrator.
- `access-log-file` - The path of the server's access log file.

Note: If you modify the `java-home` property, stop and start the administration server on the specified node for the changes to take effect. If you make changes to any other properties, restart the administration server on the specified node.

**Options** For connect\_options description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` connect\_option.
- `--verbose|-v` Specify this option to display a verbose output.
- `--node|-n` Specify the name of the node.
- `--set-password|-r` Specify this option to change the administration server user password.

**Operands** *propertyname=value* Specify the name and value of the administration node property that you want to edit.

**Examples** `wadm set-admin-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null log-level=fine is-admin-server=false`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [list-nodes\(1\)](#), [get-admin-prop\(1\)](#),

**Name** set-authdb-prop – edits the authentication database properties

**Synopsis** set-authdb-prop <connect\_options> [-echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s vs-name] --config|-c config-name --authdb|-a authdb-name (propertyname=value)+

**Description** Use this command to edit the authentication database properties. The properties that you can edit are as follows:

- `enabled` — Indicates whether the authentication database is enabled at runtime. The default value is `true`.
- `path` — The path of the authentication database.
- `url` — The URL of the authentication database.
- `auth-expiring-url` — The URL to which the server redirects the request to in case the password is about to expire soon.
- `bind-dn` — The name that the Administration Server uses to initially bind (or log in) to the directory server, for example, `cn=Directory Manager`.
- `bind-pw` — (Applicable only for databases of type LDAP.) The password used for authentication.
- `dc-suffix` — The `dcsuffix` of the LDAP database.
- `search-filter` — The search filter to find the user.
- `group-search-filter` — The search filter to find group memberships for the user.
- `group-search-attr` — The LDAP attribute name that contains the group name entries.
- `digestauthstate` — Indicates whether the LDAP server is capable of handling HTTP digest authentication.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--vs|-s` Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.

`--config|-c` Specify the name of the configuration for which the authentication database properties are being edited.

`--authdb|-a` Specify the name of the authentication database.

**Operands** *propertyname=value* Specify the name and value of the authentication database property that you want to edit.

**Examples** `wadm set-authdb-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --authdb=KEYFILE1 enabled=true`

**Exit Status** The following exit values are returned:

`0` command executed successfully

`>0` error in executing the command

**See Also** [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [get-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [list-authdbs\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

---

<b>Name</b>	set-auth-realm-prop – edits authentication realms	
<b>Synopsis</b>	set-auth-realm-prop <connect_options> [--echo -e] [--no-prompt -Q] [--verbose -v] --config -c <i>config-name</i> --realm -L <i>name</i> ( <i>propertyname=value</i> )	
<b>Description</b>	Use this command to edit an authentication realm. The properties that you can edit are as follows: <ul style="list-style-type: none"> <li>▪ <b>type</b> — The name of a built-in authentication realm type. (Applicable only when class is omitted.)</li> <li>▪ <b>class</b> - The class that implements a pluggable Servlet container authentication realm. (Applicable only when class is omitted.)</li> </ul>	
<b>Options</b>	--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
	--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
	--verbose -v	Specify this option to display a verbose output.
	--config -c	Specify the name of the configuration.
	--realm -L	Specify the name of the authentication realm.
<b>Operands</b>	<i>propertyname=value</i>	Specify the name and value of the authentication realm property that you want to edit.
<b>Examples</b>	wadm set-auth-realm-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --realm=basic type=file class=com.ipplanet.ias.security.auth.realm.file.FileRealm	
<b>Exit Status</b>	The following exit values are returned: <ul style="list-style-type: none"> <li>0            command executed successfully</li> <li>&gt;0          error in executing the command</li> </ul>	
<b>See Also</b>	help(1), create-auth-realm(1), delete-auth-realm(1), get-auth-realm-prop(1), list-auth-realms(1), create-auth-realm-userprop(1), delete-auth-realm-userprop(1), list-auth-realm-userprops(1)	

**Name** set-cache-control-directives – edits cache control directives information

**Synopsis** set-cache-control-directives <connect\_options> [-e|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern]  
 --config|-c config-name --vs|-s vs-name (propertyname=value)+

**Description** Use this command to edit the file cache directives. Web Server uses the cache-control directives to control the information that is cached by a Proxy Server. Using the cache-control directives, you can override the default caching of the proxy to protect sensitive information from being cached. For these directives to work, the Proxy Server must comply with HTTP 1.1. The properties that you can edit are as follows:

- `public` — Indicates that the response is cachable by any cache. This is the default behavior.
- `private` — Indicates that the response is only cachable by a private (non-shared) cache.
- `no-cache` — Indicates that the response is not cached.
- `no-store` — Indicates that the cache does not store the request or response anywhere in nonvolatile storage.
- `must-revalidate` — Indicates that the cache entry is re-validated from the originating server.
- `max-age` — The maximum age (in seconds) the client accepts a response.

**Options** For connect\_options description, see [help\(1\)](#).

- |                               |  |
|-------------------------------|--|
| <code>--echo -e</code>        | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code>   | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| <code>--verbose -v</code>     | Specify this option to display a verbose output.   |
| <code>--uri-pattern -t</code> | Specify the URI wildcard pattern.  |
| <code>--config -c</code>      | Specify the name of the configuration.   |
| <code>--vs -s</code>          | Specify the name of the virtual server.  |

**Operands** `propertyname=value` Specify the name and value of the cache control directive property that you want to edit. The list of properties are `private`, `public`, `max-age`, `no-cache`, `must-revalidate`, and `no-store`.

**Examples** `wadm set-cache-control-directives --user=admin  
--password-file=./admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs1  
public=true private=true must-revalidate=true`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-cache-control-directives\(1\)](#)

**Name** set-cert-trust-prop – sets the certificate trust properties

**Synopsis** set-cert-trust-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--token|-t name] [--token-pin|-P name] [--nickname|-n nickname] --config|-c config-name (propertyname=value)+

**Description** Use this command to edit the certificate trust properties. A certificate is issued and digitally signed by a CA. You decide which CAs you trust enough to serve as verifiers of other users' identity. Before requesting a server certificate, you must create a trust database. The properties that you can edit are as follows:

- `is-client-ca` — Indicates if this certificate is trusted to sign client certificates.
- `is-server-ca` — Indicates if this certificate is trusted to sign server certificates.

**Options** For connect\_options description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` connect\_option.
- `--verbose|-v` Specify this option to display a verbose output.
- `--token|-t` Specify the token (cryptographic device), which contains the encrypted public key.
- `--token-pin|-P` Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the token-pin in the password file.
- `--nickname|-n` Specify the short name or the nick name of the certificate.
- `--config|-c` Specify the name of the configuration.

**Operands** `propertyname=value` Specify the name and value of the certificate trust property that you want to edit.

**Examples** `wadm set-cert-trust-prop --user=admin --host=serverhost --password-file=certdb.newpasswd --port=8989 --ssl=true --prompt=false --rcfile=null --config=config1 --token=internal --nickname="Cert Manager-Sun" is-client-ca=true is-server-ca=false`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [get-cert-prop\(1\)](#), [create-cert-request\(1\)](#), [list-certs\(1\)](#), [install-cert\(1\)](#), [delete-cert\(1\)](#)

**Name** set-cgi-prop – edits the CGI properties

**Synopsis** set-cgi-prop <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--vs|-s vs-name] [--uri-pattern|-t pattern]  
--config|-c config-name (propertyname=value)+

**Description** Use this command to edit the common gateway interface (CGI) properties. CGI programs can be defined with any number of programming languages. The properties that you can edit are as follows:

If you specify the `--config` option, you can view the following properties:

- `timeout` - The timeout (in seconds) after which the server will terminate a long-running CGI program. The range of values is 0.001-3600, or -1 for no timeout.
- `idle-timeout` - The timeout (in seconds) after which the server will terminate a nonresponsive CGI program. The range of values is 0.001-3600.
- `cgistub-path` - The path to the `Cgistub` binary. The default value is `default`.
- `cgistub-idle-timeout` - The timeout (in seconds) after which an unused `Cgistub` process will be terminated. The range of values is 0.001-3600.
- `min-cgistubs` - The minimum number of `Cgistub` processes the server will keep while waiting to run the CGI programs. The range of values is 1-4096.
- `max-cgistubs` - The maximum number of `Cgistub` processes the server will keep on hand, waiting to run CGI programs. The range of values is 1-4096.

If you specify the `--vs` option, you can view the following properties:

- `user` – The name of the user to execute the CGI programs.
- `group` – The name of the group to execute the CGI programs.
- `chroot` – The additional root directory that you create to limit the server to specific directories.
- `directory` – The directory to change to after `chroot` but before the execution of the CGI program begins.
- `nice` – The nice value is an increment that determines the priority of the CGI program's relative to the server. Typically, the server runs with a nice value of 0 and the nice increment would be between 0 (the CGI program runs at the same priority as the server) and 19 (the CGI program runs at a much lower priority than the server).

You can increase the priority of the CGI program above that of the server by specifying a nice increment of -1. Sun, however, does not recommended you to do so.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	(This option is deprecated.) Specify the URI wildcard pattern.
<code>--vs -s</code>	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
<code>--config -c</code>	Specify the name of the configuration.
<b>Operands</b> <code>propertyname=value</code>	Specify the name and value of the CGI property that you want to edit.

**Examples** `wadm set-cgi-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 timeout=10 max-cgistubs=20 idle-timeout=600 min-cgistubs=10 cgistub-idle-timeout=60 cgistub-path=../../lib/Cgistub`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [get-cgi-prop\(1\)](#), [create-cgi-dir\(1\)](#), [delete-cgi-dir\(1\)](#), [list-cgi-dirs\(1\)](#)

**Name** set-config-file – sets the configuration file details

**Synopsis** set-config-file <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --upload-file|-o *localfile* (*filename*)

**Description** Use this command to edit any configuration file present in the config directory under server-root.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--upload-file -o	Specify the name of the local file to be uploaded to the configuration directory.

**Operands** *filename* Specify the name of the configuration file.

**Examples** wadm set-config-file --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --upload-file=magnus.conf magnus.conf

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-config-file\(1\)](#), [list-config-files\(1\)](#)

- Name** set-config-prop – edits the config properties
- Synopsis** set-config-prop <connect\_options> [-echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*propertyname=value*)+
- Description** Use this command to edit the configuration file properties. The properties that you can edit are as follows:
- `default-auth-db-name` — The name of the default authentication database.
  - `user` — The name of the Web Server user.
  - `audit-accesses` — Indicates whether the authentication and authorization events are logged. The default value is `false`.
  - `acl-file` (read-only) — The name of the ACL file that controls access to the server.
  - `mime-file` (read-only) — The name of the `mime.types` file that configures the MIME mappings for the server.
  - `platform` — Indicates whether the server runs as a 32-bit or 64-bit process. The value can be 32 or 64.
  - `temp-path` — The path where the server stores its temporary files.
- Options** For `connect_options` description, see [help\(1\)](#).
- |                             |  |
|-----------------------------|--|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.   |
| <code>--config -c</code>    | Specify the name of the configuration.   |
- Operands** *propertyname=value* Specify the name and value of the configuration property that you want to edit.
- Examples** `wadm set-config-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 platform=32 audit-accesses=true`
- Exit Status** The following exit values are returned:
- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |

**See Also** [help\(1\)](#), [get-config-prop\(1\)](#)

- Name** set-custom-resource-prop – edits the custom resource properties
- Synopsis** set-custom-resource-prop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --jndi-name|-j *name* (*propertyname=value*)+
- Description** Use this command to edit custom resource properties. The properties that you can edit are as follows:
- **enabled** - Indicates whether the custom resource is enabled at runtime. The default value is true.
  - **res-type** - The type of custom resource.
  - **factory-class** - The class that instantiates a naming context which is used to look up the external resource. The value is a fully qualified class name that implements `javax.naming.spi.ObjectFactory`.
  - **description** - The description of the resource.
- Options** For connect\_options description, see [help\(1\)](#).
- |                |  |
|----------------|--|
| --echo -e      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.                                 |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v   | Specify this option to display a verbose output.   |
| --config -c    | Specify the name of the configuration.   |
| --jndi-name -j | Specify the JNDI name of the custom resource.  |
- Operands** *propertyname=value* Specify the name and value of the custom resource property that you want to edit.
- Examples** wadm set-custom-resource-prop --user=admin  
 --password-file=./admin.passwd --host=serverhost --port=8989  
 --ssl=true--no-prompt --rcfile=null --config=config1  
 --jndi-name=custom enabled=true  
 res-type=samples.jndi.cust-Resource.MyBean  
 factory-class=samples.jndi.cust-Resource.MyCustomConnectionFactory
- Exit Status** The following exit values are returned:
- |   |                               |
|---|-------------------------------|
| 0 | command executed successfully |
|---|-------------------------------|

>0 error in executing the command

**See Also** [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [delete-custom-resource-userprop\(1\)](#),  
[list-custom-resource-userprops\(1\)](#), [create-custom-resource\(1\)](#), [delete-custom-resource\(1\)](#),  
[list-custom-resources\(1\)](#), [get-custom-resource-prop\(1\)](#)

**Name** set-dav-collection-prop – edits the DAV collection properties

**Synopsis** set-dav-collection-prop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --vs|-s *vs-name* -uri|-r *uri* (*propertyname=value*)+

**Description** Use this command to edit the DAV collection properties. You can edit the following properties:

- **enabled** - Indicates whether WebDAV is enabled for the collection at runtime. The default value is `true`.
- **provider** — The name of the provider that manages this collection.
- **default-owner** - The name of the default owner of the resources.
- **uri** - The existing root URI on which WebDAV should be enabled.
- **source-uri** - The new URI that the clients can use to access the source code of content.
- **min-lock-timeout** - The minimum time (in seconds) for WebDAV locks to expire. The range of values is 0.001 - 3600, or -1 to not enforce a minimum.
- **max-xml-request-body-size** - The maximum size (in bytes) allowed for WebDAV XML request bodies. The range of values is 0 - 2147483647, or -1 for no limit.
- **max-propfind-depth** - The maximum depth of PROPFIND requests sent to the collections. The values can be 0, 1, or infinity.
- **max-expand-property-depth** - The maximum depth allowed for WebDAV expand-property REPORT responses. The range of values is 0 - 100.
- **max-report-response-elements** - The upper limit of the number of response elements a REPORT response body can have. The range of values is 0 - 2147483647. The default value is 1000.
- **auth-auth-db-name** - The ACL authentication database to use. The default value is `default`.
- **auth-method** - The authentication method to use. The values can be `basic`, `digest`, or `ssl`. The default value is `basic`.
- **auth-prompt** - The prompt that will be displayed to clients during authentication. The default value is `Sun Java System Web Server WebDAV`.
- **acl-db-max-size** - The maximum size (in bytes) of the memory representation of the WebDAV ACL database for a collection. If this memory limit is exceeded, the server will not cache the WebDAV ACL lists. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-max-entries** - The maximum number of ACEs to allow on a single resource. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-update-interval** - The interval (in seconds) at which WebDAV ACL databases are synchronized to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV ACL lists.

- `property-db-max-size` - The maximum size (in bytes) of WebDAV property database files. The range of values is 0 - 2147483647, or -1 for no limit.
- `property-db-update-interval` - The interval (in seconds) at which WebDAV property databases are synchronized to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV properties.
- `lock-db-path` - The path of the WebDAV lock database.
- `lock-db-update-interval` - The interval (in seconds) at which the WebDAV lock databases are synchronized to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV lock information.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration where this DAV collection exists.
- `--vs|-s` Specify the name of the virtual server.
- `--uri|-r` Specify the URI through which the content is accessed.

**Operands** `propertyname=value` Specify the name and value of the DAV collection property that you want to edit.

**Examples** `wadm set-dav-collection-prop --user=admin`  
`--password-file=../admin.passwd --host=serverhost --port=8989`  
`--ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs`  
`--uri=/dav_config1 min-lock-timeout=1`

**Exit Status** The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

**See Also** [help\(1\)](#), [create-dav-collection\(1\)](#), [delete-dav-collection\(1\)](#), [list-dav-collections\(1\)](#), [get-dav-collection-prop\(1\)](#), [enable-dav-collection\(1\)](#), [disable-dav-collection\(1\)](#)

- Name** set-default-content-type – edits the default content type details
- Synopsis** set-default-content-type <*connect\_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] [--charset|-r *text*] [--config|-c *config-name* --vs|-s *vs-name* *content-type*]
- Description** Use this command to edit the default content type details.
- Options** For *connect\_options* description, see [help\(1\)](#).
- echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
  - no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file *connect\_option*.
  - verbose|-v Specify this option to display a verbose output.
  - uri-pattern|-t Specify the URI wildcard pattern.
  - config|-c Specify the name of the configuration.
  - vs|-s Specify the name of the virtual server.
  - charset|-r Specify the default character set to be used.
- Operands** *content-type* Specify the type of the default content that you want to edit.
- Examples** wadm set-default-content-type --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs text/pdf
- Exit Status** The following exit values are returned:
- 0 command executed successfully
  - >0 error in executing the command
- See Also** [help\(1\)](#), [get-directory-listing-prop\(1\)](#), [get-default-content-type\(1\)](#), [get-home-page\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

**Name** set-dns-cache-prop – edits the DNS cache properties

**Synopsis** set-dns-cache-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*propertyname=value*)+

**Description** Use this command to edit the Domain Name Server (DNS) cache properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server caches the DNS lookup results. The default value is `true`.
- **max-age** - The maximum amount of time (in seconds) to cache a DNS lookup result. The range of values is 1–31536000.
- **max-entries** - The maximum number of DNS lookup results to cache. The range of values is 32–32768.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

**Operands** *propertyname=value* Specify the name and value of the DNS cache property that you want to edit.

**Examples** `wadm set-dns-cache-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 enabled=false max-entries=2048 max-age=240`

**Exit Status** The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

**See Also** [help\(1\)](#), [get-dns-cache-prop\(1\)](#)

**Name** set-dns-prop – edits the DNS properties

**Synopsis** set-dns-prop <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] --config|-c *config-name* (*property-name=value*)<sup>+</sup>

**Description** Use this command to edit the Domain Name Server (DNS) properties. The properties that you can edit are as follows:

- `enabled` - Indicates whether the server does the DNS lookups. The default value is `false`.
- `async` - Indicates whether the server uses its own asynchronous DNS resolver instead of the operating system's synchronous resolver. The default value is `true`.
- `timeout` - The timeout (in seconds) for asynchronous DNS lookups. The range of values is 0.001–3600.

**Options** For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--config|-c` Specify the name of the configuration.

**Operands** *property-name=value* Specify the name and value of the DNS property that you want to edit.

**Examples** `wadm set-dns-prop --user=admin --host=serverhost  
 --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 enabled=true async=true timeout=24`

**Exit Status** The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

**See Also** [help\(1\)](#), [set-dns-prop\(1\)](#)

**Name** set-error-page – edits the error page

**Synopsis** set-error-page <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] [--uri-pattern|-t *pattern*] [--is-path|-a *false*]  
--vs|-s *vs-name* --config|-c *config-name* --error-page|-g *errorpage*  
  
--code|-d *errorcode*

**Description** Use this command to edit the error page.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--is-path -a	If you specify this option, error page is treated as a file and not as an URI.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration.
--error-page -g	Specify the page that will be displayed when an error occurs. This page can point either to a file or URI.
--code -d	Enter the error code.

**Examples** wadm set-error-page --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs --code=500  
--error-page=/server-error-uri-new

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-error-page\(1\)](#), [delete-error-page\(1\)](#)

- Name** set-external-jndi-resource-prop – edits the external JNDI resource property
- Synopsis** set-external-jndi-resource-prop <connect\_options> --echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --jndi-name|-j *name* (*propertyname=value*)+
- Description** Use this command to edit the external Java Naming and Directory Interface (JNDI) resource properties. The properties that you can edit are as follows:
- *enabled* - Indicates whether the JNDI resource is enabled at runtime.
  - *jndi-lookup-name* — The JNDI lookup name of the resource.
  - *res-type* - The resource type.
  - *factory-class* - The class that instantiates resources.
  - *description* - The description of the resource.
- Options** For connect\_options description, see [help\(1\)](#).
- |                |  |
|----------------|--|
| --echo -e      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.                                 |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v   | Specify this option to display a verbose output.   |
| --config -c    | Specify the name of the configuration.   |
| --jndi-name -j | Specify the name of the external JNDI resource.  |
- Operands** *propertyname=value* Specify the name and value of the external JNDI resource property that you want to edit.
- Examples** wadm set-external-jndi-resource-prop --user=admin  
 --password-file=./admin.passwd --host=serverhost --port=8989  
 --ssl=true--no-prompt --rcfile=null --config=config1 --jndi-name=  
 external-jndi enabled=true res-type=org.apache.naming.Res  
 factory-class=samples.jndi.externalRes.MyExternalConnectionFactory  
 description=JndiExternalResource
- Exit Status** The following exit values are returned:
- |    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** [help\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#),  
[delete-external-jndi-resource-userprop\(1\)](#), [list-external-jndi-resource-userprops\(1\)](#),  
[create-external-jndi-resource\(1\)](#), [delete-external-jndi-resource\(1\)](#),  
[get-external-jndi-resource-prop\(1\)](#), [list-external-jndi-resources\(1\)](#)

**Name** set-fastcgi-handler-prop – edits the FastCGI handler properties

**Synopsis** set-fastcgi-handler-prop <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--mime-type|-m type]  
 [--uri-pattern|-t pattern] [--role|-o authorizer|responder  
 |filter|error] --config|-c config-name --vs|-s vs-name  
 (propertyname=value)+

**Description** Use this command to edit FastCGI handler properties. The properties that you can edit are as follows:

- **app-path** — Indicates the FastCGI application path that processes the request.
- **bind-path** — Indicates the name of the UNIX domain socket on the UNIX platform. On the Windows platform, **bind-path** must be specified as `host:port`. The value can also be a named pipe on both UNIX and Windows platforms
- **app-args** — The name-value pairs that are passed as arguments to the FastCGI application process.
- **app-env** — The environment variables of the FastCGI application process.
- **max-procs** — The maximum number of FastCGI application processes that can be created. The default value is 1.
- **min-procs** — The minimum number of FastCGI application processes that can be created. The default value is 1.
- **listen-queue-size** — Indicates the size, in bytes, of the operating system listen queue back log. The default value is 256 bytes.
- **connection-timeout** — Applicable if the **reuse-connection** option is set to `true`. Indicates the time-out value, in seconds, for the pooled connections. If a connection is idle for the specified amount period of time, then the connection is closed. The default value is 5 seconds.
- **reuse-connection** — Indicates whether the connections to the FastCGI applications are reused. The value `false` indicates that the connections to FastCGI applications are closed after each request and `true` indicates that existing connections are reused for new requests. The default value is `false`.
- **response-timeout** — Indicate the FastCGI server response time-out in seconds. If there is no response from the FastCGI application within the specified period of time, the request is discarded. The default value is 5 seconds.
- **request-retry** — Indicates the number of times the request should be re-send when the FastCGI application rejects the request. The default value is 0 (zero).
- **restart-interval** — The time interval, in minutes, after which the FastCGI application restarts. If the value for this option is 0 (zero), the FastCGI application is not forced to restart. The default value is 60 minutes.

- `chroot` — (UNIX only). The additional root directory that you create where the FastCGI server application runs in. The default value is the web server's root directory. This property is displayed only if the value of the `role` option is `authorizer`, `responder`, or `filter`.
- `server-user` — (UNIX only). Indicates the user ID of a server user, for example, `root`. The default value is the web server's user ID. This property is displayed only if the value of the `role` option is `authorizer`, `responder`, or `filter`.
- `nice` — (UNIX only). The nice value of FastCGI server application processes. Typically, the server is run with a nice value of 0 and the nice increment would be between 0 (the FastCGI program runs at same priority as server) and 19 (the FastCGI program runs at much lower priority than server). Do not increase the priority of the FastCGI program above that of the server by specifying a nice increment of -1. This property is displayed only if the value of the `role` option is `authorizer`, `responder`, or `filter`.
- `group` — (UNIX only). Indicates the name of the group that execute the FastCGI programs. This property is displayed only if the value of the `role` option is `authorizer`, `responder`, or `filter`.
- `error-url` — The web page, URI, or URL that FastCGI should display if an error occurs. The value of this parameter is an absolute path, a path relative to document root, an URL, or a URI. This property is displayed only if the value of the `role` option is `error`.
- `error-reason` — Indicates any FastCGI protocol error. This property is displayed only if the value of the `role` option is `error`.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                               |   |
|-------------------------------|---|
| <code>--echo -e</code>        | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code>   | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| <code>--verbose -v</code>     | Specify this option to display a verbose output.  |
| <code>--mime-type -m</code>   | Specify the MIME type of the FastCGI handler.   |
| <code>--uri-pattern -t</code> | Specify the URI pattern.  |
| <code>--role -o</code>        | Specify the role of the FastCGI Server Application Functions (SAFs). The role can be <code>authorizer</code> , <code>responder</code> , <code>filter</code> or <code>error</code> .   |

- In the `responder` role, the FastCGI application receives all information associated with an HTTP request and generates a response.
- In the `authorizer` role, the FastCGI application receives all information associated with an HTTP request and generates an authorized or unauthorized decision.
- In the `filter` role, the FastCGI application receives all information associated with an HTTP request and additional data from a file stored on the web server, and generates a filtered version of the data stream as an HTTP response.
- In the `error` role, the FastCGI application terminates if an error occurs. You can configure the application to display a specific page or redirect the request to a URL if an error occurs.

`--config|-c`

Specify the name of the configuration for which you want to edit the FastCGI handler property.

`--vs|-s`

Specify the name of the virtual server.

**Operands** *propertyname=value*

Specify the name and value of the FastCGI property that you want to edit.

**Examples** `wadm set-fastcgi-handler-prop --user=admin  
--password-file=./admin.passwd --host=serverhost --port=8989  
--ssl=true--no-prompt --rcfile=null --mime-type=magnus-internal/fcgi  
--uri-pattern=/fcgi/* --role=filter --config=config1 --vs=vs  
--bind-path=localhost:2222 app-path=/new-app-path`

**Exit Status** The following exit values are returned:

0            command executed successfully

>0          error in executing the command

**See Also** [help\(1\)](#), [create-fastcgi-handler\(1\)](#), [delete-fastcgi-handler\(1\)](#), [get-fastcgi-handler-prop\(1\)](#), [list-fastcgi-handlers\(1\)](#)

**Name** set-file-cache-prop – edits the file cache properties

**Synopsis** set-file-cache-prop <connect\_options> [--echo|-e][--no-prompt|-Q]  
[--verbose|-v] --config|-c config-name (property-name=value)+

**Description** Use this command to edit the file cache properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server caches the file content and meta information. The default value is `true`.
- **max-age** - The maximum amount of time (in seconds) to cache the file content and/or meta information. The range of values is 0.001–3600.
- **max-entries** - The maximum number of paths for which the file content and/or meta information should be cached. The range of values is 1–1048576.
- **max-open-files** - The maximum number of file descriptors the file cache will keep open. The range of values is 1–1048576. The default value is `default`.
- **sendfile** - Indicates whether the server will attempt to use the operating system's `sendfile`, `sendfilev`, `send_file`, or `TransmitFile` system call. The default value is `true` on Windows and `false` on other platforms.
- **copy-files** - Indicates whether the server copies the cached files to a temporary directory. The default value is `true` on Windows and `false` on other platforms.
- **copy-path** - The name of the temporary directory that the server uses when `copy-files` is `true`.
- **replacement** - The cache entry replacement algorithm. The values can be `false`, `lru`, or `lfu`.
- **cache-content** - Indicates whether the server caches the file content. The default value is `true`.
- **max-heap-file-size** - The maximum size (in bytes) of files to cache on the heap. The range of values is 0–2147483647.
- **max-heap-space** - The maximum amount (in bytes) of heap to use for caching files. The range of values is between 0–9223372036854775807.
- **max-mmap-file-size** - The maximum size (in bytes) of files to mmap. The range of values is 0–2147483647.
- **max-mmap-space** - The maximum amount (in bytes) of mmap address space to use for caching files. The range of value is 0–9223372036854775807.

**Options** For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

---

<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<b>Operands</b> <i>property-name=value</i>	Specify the name and value of the file cache property that you want to edit.

**Examples** `wadm set-file-cache-prop --user=admin  
--password-file=./admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1  
max-entries=10240 max-mmap-file-size=10 cache-content=true  
max-age=300 max-open-files=10 copy-files=false enabled=true  
max-heap-file-size=5242880 replacement=false  
copy-path=/tmp/file-cache sendfile=false max-mmap-space=10  
max-heap-space=104857600`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-file-cache-prop\(1\)](#)

**Name** set-home-page – edits the home page

**Synopsis** set-home-page <*connect\_options*> [--echo|-e][--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name* --vs|-s *vs-name*  
*home-page-url*

**Description** Use this command to edit the home page. Home page is a document that exists on the server and acts as a catalog or entry point for the server's contents. The location of this document is defined within the server's configuration files.

**Options** For *connect\_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Operands** *home-page-url* Specify the URL of the home page.

**Examples** wadm set-home-page --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --vs=vs /index.html

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#), [get-directory-listing-prop\(1\)](#), [set-default-content-type\(1\)](#), [get-default-content-type\(1\)](#), [get-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

**Name** set-http-listener-prop – edits the HTTP listener properties

**Synopsis** set-http-listener-prop <connect\_options> [-echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --http-listener|-l *name* (*propertyname=value*)<sup>+</sup>

**Description** Use this command to edit the HTTP listener properties. The properties that you can set are as follows:

- **enabled** - Indicates whether the listener is enabled at runtime.
- **name** - The name that uniquely identifies the HTTP listener.
- **ip** - The IP address on which to listen.
- **port** - The port on which to listen.
- **acceptor-threads** - The number of threads dedicated to accept connections received by this listener. The range of values is 1–128. The default value is `default`.
- **server-name** - The name of the default server. Can include a scheme (for example, `http://`) as prefix and port (for example, `80`) as suffix.
- **blocking-io** - Indicates whether the server uses blocking IO. The default value is `false`.
- **family** - The name of the protocol family.
- **listen-queue-size** - The maximum size of the operating system listen queue. The range of values is 1 - 65536.
- **receive-buffer-size** - The size (in bytes) of the operating system socket *receive* buffer. The range of values is 1 - 1048576.
- **send-buffer-size** - The size (in bytes) of the operating system socket *send* buffer. The range of values is 1 - 1048576.
- **default-virtual-server-name** - The name of the virtual server that processes requests which did not match a host.
- **description** - The description of the HTTP listener.
- **handle-protocol-mismatch** - Indicates whether the server responds to SSL or non-SSL protocol mismatches in client requests. The default is `true`, meaning the server will attempt to detect SSL or non-SSL protocol mismatches and send an HTTP redirect or SSL alert when a mismatch is detected.

**Options** For `connect_options` description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- no-prompt|-Q** If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if

you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.

`--verbose|-v`

Specify this option to display a verbose output.

`--config|-c`

Specify the name of the configuration on which the HTTP listener socket exists.

`--http-listener|-l`

Specify the name of the HTTP listener.

**Operands** *propertyname=value*

Specify the name and value of the property that you want to edit.

**Examples** `wadm set-http-listener-prop --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --http-listener=ls1 family=default  
send-buffer-size=5000 receive-buffer-size=5000 blocking-io=false  
enabled=true acceptor-threads=10 listen-queue-size=512`

**Exit Status** The following exit values are returned:

0            command executed successfully

>0          error in executing the command

**See Also** [help\(1\)](#), [create-http-listener\(1\)](#), [delete-http-listener\(1\)](#), [list-http-listeners\(1\)](#), [get-http-listener-prop\(1\)](#)

**Name** set-http-prop – edits the HTTP properties

**Synopsis** set-http-prop <connect\_options> [--echo|-e][--no-prompt|-Q]  
 [--verbose|-v] --config|-c *config-name* (*propertyname=value*)+

**Description** Use this command to edit the HTTP properties. The properties that you can edit are as follows:

- `version` - The highest HTTP protocol version that the server supports.
- `server-header` - The server header that contains the name of the server software and version. The default value is Sun Java System Web Server 7.0.
- `request-header-buffer-size` - The size (in bytes) of the buffer that is used to read HTTP request header. The range of values is 0-2147483647.
- `strict-request-headers` - Indicates whether the server rejects certain malformed HTTP request headers. The default value is `false`.
- `max-request-headers` - The maximum number of header fields that can be allowed in an HTTP request header. The range of values is 1-512.
- `output-buffer-size` - The size (in bytes) of buffer used to read the HTTP responses. The range of values is 0-2147483647.
- `max-unchunk-size` - The maximum size (in bytes) of a chunked HTTP request body the server will unchunk. The range of values is 0-2147483647.
- `unchunk-timeout` - The maximum time (in seconds) that the server will spend waiting for a chunked HTTP request body to arrive. The range of values can be between 0 - 3600 or -1 for no timeout.
- `io-timeout` - The maximum time (in seconds) that the server will wait for an individual packet. The range of values is 0-3600 or -1 for no timeout.
- `request-header-timeout` - The maximum time (in seconds) that the server will wait for the complete HTTP request header. The range of values is 0-604800 or -1 for no timeout.
- `request-body-timeout` - The maximum time (in seconds) that the server will wait for the complete HTTP request body. The range of values is 0-604800 or -1 for no timeout.
- `favicon` - Indicates whether the server replies to requests for `favicon.ico` with its own built-in icon file. The default value is `true`.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if

you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose|-v`

Specify this option to display a verbose output.

`--config|-c`

Specify the name of the configuration.

**Operands** `propertyname=value`

Specify the name and value of the HTTP property that you want to edit.

**Examples** `wadm set-http-prop --user=admin --host=serverhost  
--password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 request-header-buffer-size=16384  
max-unchunk-size=16384 max-request-headers=50 io-timeout=120  
favicon=true unchunk-timeout=120 strict-request-headers=false  
request-body-timeout=3600 output-buffer-size=16384  
request-header-timeout=3600 version=HTTP/1.1  
server-header=Sun-Java-System-Web-Server/7.0`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [get-http-prop\(1\)](#)

**Name** set-index-files – edits the index files

**Synopsis** `set-index-files <connect_options> [--echo|-e][--no-prompt|-Q]  
 [--verbose|-v]--config|-c config-name --vs|-s vs-name  
index-file-names`

**Description** Use this command to edit the index files.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

**Operands** *index-file-names* Specify the name of the index file that you want to edit.

**Examples** `wadm set-index-files --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 --vs=vs index.xml,home.html,index.jsp`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#), [get-directory-listing-prop\(1\)](#), [set-default-content-type\(1\)](#), [get-default-content-type\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-home-page\(1\)](#), [get-index-files\(1\)](#)

**Name** set-jdbc-resource-prop – edits the JDBC resource properties

**Synopsis** set-jdbc-resource-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --jndi-name|-j *jname* (*propertyname=value*)+

**Description** Use this command to edit the JDBC resource properties. The properties that you can edit are as follows:

- `enabled` - Indicates whether the JDBC resource is enabled at runtime.
- `datasource-class` - The JDBC driver class.
- `min-connections` - The minimum number of concurrent connections to maintain to the database server.
- `max-connections` - The maximum number of concurrent connections to maintain to the database server.
- `idle-timeout` - The timeout (in seconds) after which an idle connection to the database server will close.
- `wait-timeout` - The timeout (in seconds) after which a caller waiting for an available connection to the database server will receive an error.
- `isolation-level` - The level of transaction isolation.
- `isolation-level-guaranteed` - Indicates whether the server sets the isolation level each time a connection is leased to an application.
- `connection-validation` - Specifies how the server validates a connection before "leasing" it to an application.
- `connection-validation-table-name` - The name of the table if the connection-validation is a database table.
- `fail-all-connections` - Indicates whether all connections are immediately closed and reestablished when there is an error while validating a connection.
- `description` - The description of JDBC resource.

**Options** For connect\_options description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

`--no-prompt|-Q` If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.

- 
- |   |   |
|---|---|
| <code>--verbose -v</code>                       | Specify this option to display a verbose output.  |
| <code>--config -c</code>                        | Specify the name of the configuration.  |
| <code>--jndi-name -j</code>                     | Specify the JNDI name of the JDBC resource.   |
| <b>Operands</b> <code>propertyname=value</code> | Specify the name and value of the JDBC resource property that you want to edit.   |
| <b>Examples</b>                                 | <pre>wadm set-jdbc-resource-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --jndi-name=jdbc enabled=true min-connections=1 max-connections=5 idle-timeout=3600 wait-timeout=3600 isolation-level=serializable isolation-level-guaranteed=false connection-validation-table-name=false connection-validation=false fail-all-connections=true</pre> |
| <b>Exit Status</b>                              | The following exit values are returned:   |
| <code>0</code>                                  | command executed successfully   |
| <code>&gt;0</code>                              | error in executing the command  |
| <b>See Also</b>                                 | <a href="#">help(1)</a> , <a href="#">create-jdbc-resource-userprop(1)</a> , <a href="#">delete-jdbc-resource-userprop(1)</a> , <a href="#">list-jdbc-resource-userprops(1)</a> , <a href="#">create-jdbc-resource(1)</a> , <a href="#">delete-jdbc-resource(1)</a> , <a href="#">list-jdbc-resources(1)</a> , <a href="#">get-jdbc-resource-prop(1)</a>  |

**Name** set-jvm-profiler-prop – edits the JVM profiler properties

**Synopsis** set-jvm-profiler-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --profiler|-r *name* (*propertyname=value*)

**Description** Use this command to edit the Java Virtual Machine (JVM) profiler properties. The properties that you can edit are as follows:

- `enabled` - Indicates whether the profiler is enabled at runtime.
- `class-path` - The class path for the profiler.
- `native-library-path` - The native library path for the profiler.
- `jvm-options` - The JVM options for the profiler.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--profiler -r</code>	Specify the name of the JVM profiler.

**Operands** *propertyname* Specify the name and value of JVM profiler property that you want to edit.

**Examples**

```
wadm set-jvm-profiler-prop --user=admin
--password-file=./admin.passwd--host=serverhost --port=8989
--ssl=true --no-prompt --rcfile=null --config=config1
--profiler=JVMprofiler class-path=/tmp/SUN
native-library-path=/tmp
```

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-jvm-profiler\(1\)](#), [get-jvm-profiler-prop\(1\)](#), [delete-jvm-profiler\(1\)](#), [create-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#), [list-jvm-options\(1\)](#), [get-jvm-prop\(1\)](#), [set-jvm-prop\(1\)](#)

**Name** set-jvm-prop – edits the JVM properties

**Synopsis** set-jvm-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*propertyname=value*)

**Description** Use this command to edit the Java Virtual Machine (JVM) properties. The properties that you can edit are as follows:

- `enabled` - Indicates whether the server creates a JVM.
- `java-home` - The location of the JDK. The directory must be owned by the account the server runs as.
- `class-path-prefix` - The prefix for the system class path. You should only prefix the system class path if you wish to override system classes, such as the XML parser classes. Use this attribute with caution.
- `server-class-path` - The class path containing the server classes.
- `class-path-suffix` - The suffix for the system class path.
- `env-class-path-ignored` - Indicates whether the server ignores the CLASSPATH environment variable.
- `native-library-path-prefix` - The prefix for the operating system native library path.
- `sticky-attach` - Indicates whether the server attaches each HTTP request processing thread to the JVM only once instead of attaching and detaching on each request.
- `debug` - Indicates whether the JVM is started in debug mode, ready for attachment with a JPDA (Java Platform Debugger Architecture) debugger.
- `debug-jvm-options` — List of JPDA options.
- `jvm-options` — List of server-wide JVM options.
- `bytecode-preprocessor-class` - The bytecode preprocessor class.
- `profiler` - The name of the JVM profiler.

**Options** For connect\_options description, see [help\(1\)](#).

- |                |  |
|----------------|--|
| --echo -e      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.                                 |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v   | Specify this option to display a verbose output.   |

`--config|-c` Specify the name of the configuration.

**Operands** *propertyname=value* Specify the name and value of the JVM property that you want to edit.

**Examples** `wadm set-jvm-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null--config=config1 sticky-attach=false debug=true  
class-path-suffix=cli.jar`

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [get-jvm-prop\(1\)](#), [create-jvm-profiler\(1\)](#), [get-jvm-profiler-prop\(1\)](#), [delete-jvm-profiler\(1\)](#)

**Name** set-keep-alive-prop – edits the keep-alive properties

**Synopsis** set-keep-alive-prop <*connect\_options*> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] --config|-c *config-name* (*property-name=**value*)\*

**Description** Use this command to edit the keep-alive properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server supports keep-alive connections. The default value is `true`.
- **threads** - The number of keep-alive subsystem threads. The range of values is 1–128. The default value is `default`.
- **max-connections** - The maximum number of concurrent keep-alive connections the server will support. The range of values is 1–1048576. The default value is `default`.
- **timeout** - The timeout (in seconds) after which an inactive keep-alive connection will be closed. The range of values is 0.001–3600.
- **poll-interval** - The interval (in seconds) between polls. The range of values is 0.001–1.

**Options** For *connect\_options* description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- no-prompt|-Q If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` *connect\_option*.
- verbose|-v Specify this option to display a verbose output.
- config|-c Specify the name of the configuration.

**Operands** *property-name=**value* Specify the name and value of the keep-alive property that you want to edit.

**Examples** `wadm set-keep-alive-prop --user=admin --host=serverhost  
 --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --config=config1 enabled=false poll-interval=0.002  
 threads=2 timeout=60 max-connections=400`

**Exit Status** The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

**See Also** [help\(1\)](#), [get-keep-alive-prop\(1\)](#)

<b>Name</b>	set-lifecycle-module-prop – edits a lifecycle module											
<b>Synopsis</b>	<pre>set-lifecycle-module-prop &lt;connect_options&gt; --echo -e] [--no-prompt -Q] [--verbose -v]--config -c config-name --module -m name (propertyname=value)+</pre>											
<b>Description</b>	<p>Use this command to edit the lifecycle module properties. The properties that you can edit are as follows:</p> <ul style="list-style-type: none"> <li>▪ <code>enabled</code> - Indicates whether the lifecycle module is enabled at runtime.</li> <li>▪ <code>name</code> - The name that uniquely identifies the lifecycle module.</li> <li>▪ <code>class</code> - The class that implements the lifecycle module.</li> <li>▪ <code>load-order</code> - The order in which the lifecycle module is loaded. It is recommended that you choose a load-order value that is greater than or equal to 100 to avoid conflicts with the internal lifecycle modules.</li> <li>▪ <code>is-failure-fatal</code> - Indicates whether the server should treat exceptions thrown during the initialization of lifecycle module as fatal.</li> <li>▪ <code>class-path</code> - The class path for the lifecycle module.</li> <li>▪ <code>description</code> - The description of the lifecycle module.</li> </ul>											
<b>Options</b>	<p>For <code>connect_options</code> description, see <a href="#">help(1)</a>.</p> <table border="0"> <tr> <td style="vertical-align: top;"><code>--echo -e</code></td> <td>Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.</td> </tr> <tr> <td style="vertical-align: top;"><code>--no-prompt -Q</code></td> <td>If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code>.</td> </tr> <tr> <td style="vertical-align: top;"><code>--verbose -v</code></td> <td>Specify this option to display a verbose output.</td> </tr> <tr> <td style="vertical-align: top;"><code>--config -c</code></td> <td>Specify the name of the configuration.</td> </tr> <tr> <td style="vertical-align: top;"><code>--module -m</code></td> <td>Specify the name of the life cycle module.</td> </tr> </table>		<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.	<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .	<code>--verbose -v</code>	Specify this option to display a verbose output.	<code>--config -c</code>	Specify the name of the configuration.	<code>--module -m</code>	Specify the name of the life cycle module.
<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.											
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .											
<code>--verbose -v</code>	Specify this option to display a verbose output.											
<code>--config -c</code>	Specify the name of the configuration.											
<code>--module -m</code>	Specify the name of the life cycle module.											
<b>Operands</b>	<code>propertyname=value</code>	Specify the name and value of the lifecycle module that you want to edit.										
<b>Examples</b>	<pre>wadm set-lifecycle-module-prop --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --module=LifecycleProp class-path=/tmp enabled=false class=LifecycleClass is-failure-fatal=true</pre>											

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [create-lifecycle-module\(1\)](#), [delete-lifecycle-module\(1\)](#), [get-lifecycle-module-prop\(1\)](#), [list-lifecycle-modules\(1\)](#), [create-lifecycle-module-userprop\(1\)](#), [delete-lifecycle-module-userprop\(1\)](#), [list-lifecycle-module-userprops\(1\)](#)

**Name** `set-localization-prop` – edits the localization properties

**Synopsis** `set-localization-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s vs-name] [--config|-c config-name (property-name=value)+`

**Description** Use this command to edit the localization properties. The properties that you can edit are as follows:

- `default-language` - The default language for messages displayed to administrators and content served to clients.
- `negotiate-client-language` - Indicates whether the server attempts to use the `Accept-language` HTTP header to negotiate the content language with clients. The default value is `false`.

**Options** For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--vs|-s` Specify the name of the virtual server.

`--config|-c` Specify the name of the configuration.

**Operands** `property-name=value` Specify the name and value of the localization property that you want to edit.

**Examples** `wadm set-localization-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 default-language=de-1901 negotiate-client-language=true`

**Exit Status** The following exit values are returned:

0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [get-localization-prop\(1\)](#)

**Name** set-log-prop – sets the log properties

**Synopsis** set-log-prop <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] --config|-c config-name (propertyname=value)+

**Description** Use this command to edit the log properties. The properties that you can edit are as follows:

- `log-stdout` - Indicates whether the server logs the data that applications write to `stdout`. The default value is `true`.
- `log-stderr` - Indicates whether the server logs the data that applications write to `stderr`. The default value is `true`.
- `log-virtual-server-name` - Indicates whether the server includes the virtual server name in log messages. The default value is `false`.
- `create-console` - (Windows only) Indicates whether the server creates a console window. The default value is `false`.
- `log-to-console` - Indicates whether the server writes the log messages to the console. The default value is `true`.
- `log-to-syslog` - Indicates whether the server writes log messages to `syslog` (UNIX) or Event Viewer (Windows). The default value is `false`.
- `date-format` - The date format for the log message timestamps. The default value is [%d/%b/%Y:%H:%M:%S].
- `archive-suffix` - The suffix to be appended to file name of the rotated log. The default value is `m%d05/21/08M`.
- `archive-command` - The command to be executed after the server rotates a log file. The value is a program command line, for example, `gzip c:\Program Files\Perl\perl.exe" archive.pl`.
- `log-level` - The log verbosity for the server. The values can be `finest` (most verbose), `finer`, `fine`, `info`, `warning`, `failure`, `config`, `security`, or `catastrophe` (least verbose).
- `log-file` - The log file for the server. For example, `../logs/errors`.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

**Operands** *propertyname=value* Specify the name and value of log property that you want to edit.

**Examples** `wadm set-log-prop --user=admin --password-file=./admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 log-virtual-server-name=true`

**Exit Status** The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

**See Also** [help\(1\)](#), [get-log-prop\(1\)](#)

**Name** set-mail-resource-prop – edits the mail resource properties

**Synopsis** set-mail-resource-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --jndi-name|-j *name* (*propertyname=value*)+

**Description** Use this command to edit the mail resource properties. The properties that you can edit are as follows:

- `enabled` - Indicates whether the resource is enabled at runtime.
- `description` - The description of the mail resource.

**Options** For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--jndi-name -j</code>	Specify the JNDI name of the mail resource.

**Operands** *propertyname=value* Specify the name and value of mail resource property that you want to edit.

**Examples** `wadm set-mail-resource-prop --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --jndi-name=MailReso description=MailReso`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [create-mail-resource\(1\)](#), [delete-mail-resource\(1\)](#), [list-mail-resources\(1\)](#), [get-mail-resource-prop\(1\)](#), [create-mail-resource-userprop\(1\)](#), [delete-mail-resource-userprop\(1\)](#), [list-mail-resource-userprops\(1\)](#)

---

**Name** set-pkcs11-prop – edits the PKCS#11 properties

**Synopsis** set-pkcs11-prop <connect\_options> [-echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*propertyname=value*)+

**Description** Use this command to edit the PKCS#11 properties. The properties that you can edit are as follows:

- `enabled` - Indicates whether the server initializes PKCS #11 tokens, prompting for PINs as necessary. The default value is `true` if SSL is enabled and `false` if SSL is not enabled.
- `crl-path` - The path of the directory that contains the dynamically updated CRL files.
- `token` - Configures a PKCS #11 token.

**Options** For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--config|-c` Specify the name of the configuration.

**Operands** *propertyname=value* Specify the name and value of the PKCS#11 property that you want to edit.

**Examples** `wadm set-pkcs11-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 enabled=true`

**Exit Status** The following exit values are returned:

`0` command executed successfully

`>0` error in executing the command

**See Also** [help\(1\)](#), [get-pkcs11-prop\(1\)](#)

**Name** set-qos-limits-prop – edits the QOS limit properties

**Synopsis** set-qos-limits-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s vs-name] --config|-c config-name (property-name=value)

**Description** Use this command to edit the Quality of Service (QOS) limit properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the QOS limits are enforced at runtime. The default value is true.
- **max-bps** - The maximum transfer rate (bytes/second). The range of values is 1–2147483647.
- **max-connections** - The maximum number of concurrent connections. The range of values is 1–1048576.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration.

**Operands** *property-name=value* Specify the name and value of the QOS limits property that you want to edit.

**Examples** wadm set-qos-limits-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 enabled=true max-bps=100 max-connections=100

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-qos-limits-prop\(1\)](#), [get-qos-prop\(1\)](#), [set-qos-prop\(1\)](#)

**Name** set-qos-prop – edits the QOS properties

**Synopsis** set-qos-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*propertyname=value*)+

**Description** Use this command to edit the Quality of Service (QOS) settings. Quality of Service refers to the performance limits you set for a server instance or virtual server. For example, if you are an internet service provider you might want to charge different amounts of money for virtual servers depending on how much bandwidth you allow them. You can limit two areas: the amount of bandwidth and the number of connections. The properties that you can edit are as follows:

- `enabled` - Indicates whether the system tracks QOS information. The default value is `true` if qos-limits are enabled and `false` if qos-limits are disabled.
- `interval` - The interval, in seconds, over which QOS information is averaged. The range of values is 0.001 – 3600.

**Options** For connect\_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.

**Operands** *propertyname=value* Specify the name and value of the QOS property that you want to edit.

**Examples** `wadm set-qos-prop --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 enabled=true interval=60`

**Exit Status** The following exit values are returned:

<code>0</code>	command executed successfully
<code>&gt;0</code>	error in executing the command

**See Also** [help\(1\)](#), [get-qos-prop\(1\)](#), [get-qos-limits-prop\(1\)](#), [set-qos-limits-prop\(1\)](#)

**Name** set-request-limits-prop – sets the request limits properties

**Synopsis** set-request-limits-prop <connect\_options> [--echo|-e]  
[--no-prompt|-Q] [--verbose|-v] [-vs|-s vs-name ]  
[--uri-pattern|-t pattern] --config|-c config-name  
(propertyname=value)

**Description** Use this command to edit the request limits properties. The properties that you can edit are as follows:

- `timeout` — The time limit after which a request will be timed out.
- `rps-compute-interval` - The time interval (in seconds) in which the average (request per second) RPS is computed.
- `continue-condition` — The condition that must be met for a blocked request type to be available again for servicing. The values can be `silence` or `threshold`.
- `max-rps` - The threshold value for RPS. If this value is exceeded, subsequent connections will not be serviced. There is no default value because an acceptable RPS threshold can vary widely between sites.
- `monitor-attribute` - The optional request attribute that has to be monitored.
- `error-code` - The HTTP status code to use for blocked requests. The default is 503, "Service Unavailable".
- `max-connections` - The maximum number of concurrent connections.

**Note** – If you specify the `--config` option, this command will enable you to edit only the `timeout` property. If you specify both the `--config` and `--vs` options, you can edit the `rps-compute-interval`, `max-rps`, `enabled`, `continue-condition`, `error-code`, and `monitor-attribute` properties.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                               |   |
|-------------------------------|---|
| <code>--echo -e</code>        | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code>   | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| <code>--verbose -v</code>     | Specify this option to display a verbose output.  |
| <code>--uri-pattern -t</code> | Specify the URI wildcard pattern.   |
| <code>--vs -s</code>          | Specify the name of the virtual server.   |

---

`--config|-c` Specify the name of the configuration.

**Operands** *propertyname=value* Specify the name and value of the request limits property that you want to edit.

**Examples** `wadm set-request-limits-prop --user=admin  
--password-file=./admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs  
--uri-pattern=/foo* max-connections=100 rps-compute-interval=10  
continue-condition=silence error-code=500`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-request-limits-prop\(1\)](#), [disable-request-limits\(1\)](#), [enable-request-limits\(1\)](#)

**Name** set-reverse-proxy-prop – sets the reverse proxy properties

**Synopsis** set-reverse-proxy-prop <connect\_options> [--echo|-e] --no-prompt|-Q  
[--verbose|-v] --config|-c *config-name* --vs|-s *vs-name*  
--uri-prefix|-r *uri-prefix* (*propertyname=value*)+

**Description** Use this command to set the reverse proxy properties. The properties that you can edit are as follows:

- **sticky-cookie** - The name of a cookie that, when present in a response, will cause subsequent requests to stick to that origin server.
- **sticky-param** - The name of a URI parameter to inspect for route information. If a URI parameter is present in a request URI and its value contains a colon (:) followed by a route ID, the request will stick to the origin server identified by that route ID.
- **route-header** - The name of the HTTP request header used to communicate the route IDs to origin servers.
- **route-cookie** - The name of the cookie generated by the server when it encounters a sticky-cookie cookie in a response. The **route-cookie** cookie stores a route ID that enables the server to direct subsequent requests back to the same origin server.
- **rewrite-headers** - A list of HTTP request headers. The value can be **host**, **location**, or **content-location** where,
  - **host**: Indicates whether the host HTTP request header is rewritten to match the host specified by the server parameter. The default is **false**, which means that the host header is not rewritten.
  - **location**: Indicates whether the location HTTP response headers that match the server parameter should be rewritten. The default is **true**, which means that the matching location headers are rewritten.
  - **content-location**: Indicates whether the content-location HTTP response headers that match the server parameter should be rewritten. The default is **true**, which means that the content-location headers are rewritten.
- **auth-user** — The user to authenticate as.
- **auth-password** — The password that is needed for authentication.
- **auth-header** — The name of the HTTP request header that is used to communicate the credentials. The default value is **Authorization**. When authenticating to a proxy server, you can specify the value as **Proxy-authorization**.
- **client-cert-nickname** — The nickname of the client certificate to present to the remote server. The default is not to present a client certificate.
- **validate-server-cert** — Indicates whether the proxy server validates the certificate presented by the remote server. The default value is **true**, indicating that the proxy server will accept any certificate.

- `use-keep-alive` — Indicates whether the HTTP client should attempt to use persistent connections. The default value is `true`.
- `keep-alive-timeout` — The maximum number of seconds to keep a persistent connection open. The default value is 29.
- `always-use-keep-alive` — Indicates whether the HTTP client can reuse the existing persistent connections for all types of requests. The default value is `false`, indicating that persistent connections will not be reused for non-GET requests or for requests with a body.
- `protocol` — The HTTP protocol version string. By default, the HTTP client uses either HTTP/1.0 or HTTP/1.1 based on the contents of the HTTP request. In general, you should not use the protocol parameter unless you encounter specific protocol interoperability problems.
- `proxy-agent` — The value of the Proxy-agent HTTP request header. The default is a string that contains the proxy server product name and version.
- `timeout` — The maximum number of seconds a connection can be idle. The default value is 300.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--uri-prefix|-r` Specify the URI prefix of the reverse proxy.
- `--config|-c` Specify the name of the configuration.
- `--vs|-s` Specify the name of the virtual server.

**Operands** *propertyname=value* Specify the name and value of the reverse proxy property that you want to edit.

**Examples** `wadm set-reverse-proxy-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs --uri-prefix=/simple/ auth-header=Authorization always-use-keep-alive=true sticky-cookie=JSESSIONID validate-server-cert=false use-keep-alive=true`

```
route-header=Proxy-jroute rewrite-headers=loconfiglion,  
content-loconfiglion sticky-param=jsessionId  
route-cookie=JROUTE server=http://sun.com:8080  
keep-alive-timeout=30
```

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-reverse-proxy\(1\)](#), [delete-reverse-proxy\(1\)](#), [list-reverse-proxy-uris\(1\)](#), [get-reverse-proxy-prop\(1\)](#), [block-reverse-proxy-header\(1\)](#), [forward-reverse-proxy-header\(1\)](#), [list-reverse-proxy-headers\(1\)](#)

**Name** set-search-collection-prop – sets the search collection properties

**Synopsis** set-search-collection-prop <*connect\_options*> [-echo|-e]  
 --no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --vs|-s *vs-name* --collection-name|-O *name*  
 (*propertyname=value*)+

**Description** Use this command to edit the search collection properties. The properties that you can edit are as follows:

- **enabled** — Indicates whether the collection can be searched at runtime. The default value is `true`.
- **name** — The name that uniquely identifies the search collection.
- **display-name** — The description of the search collection that is displayed to end users.
- **uri** — The root URI for the searchable documents.
- **document-root** — The file system root for the searchable documents.
- **path** — The path of the file system that stores the search collection metadata.
- **index-meta-tag** — The document fields that are used for indexing.
- **include-extension** — The types of document that is included. The values can be `html`, `htm`, `txt`, and `pdf`.
- **description** — The description of the search collection.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                                   |  |
|-----------------------------------|--|
| <code>--echo -e</code>            | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.   |
| <code>--no-prompt -Q</code>       | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code>         | Specify this option to display a verbose output.   |
| <code>--config -c</code>          | Specify the name of the configuration.   |
| <code>--vs -s</code>              | Specify the name of the virtual server.  |
| <code>--collection-name -O</code> | Specify the name of the search collection.   |

**Operands** *propertyname=value* Specify the name and value of the search collection property that you want to edit.

**Examples** `wadm set-search-collection-prop --user=admin  
--password-file=./admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs  
--collection=searchcoll enabled=false include-extension=pdf  
index-meta-tag=author`

**Exit Status** The following exit values are returned:

0           command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [create-search-collection\(1\)](#), [delete-search-collection\(1\)](#), [list-search-collections\(1\)](#),  
[get-search-collection-prop\(1\)](#), [reindex-search-collection\(1\)](#), [get-search-prop\(1\)](#),  
[set-search-prop\(1\)](#)

**Name** set-search-prop – sets the search properties

**Synopsis** set-search-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --vs|-s vs-name --config|-c config-name (propertyname=value)+

**Description** Use this command to edit the search properties. The properties that you can edit are as follows:

- **enabled** — Indicates whether the search application is enabled at runtime. The default value is `true`.
- **max-hits** — The maximum number of search results to return in response to a single search query. The range of values is 0 - 10000.
- **uri** — The root URI for the search web application.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

**Operands** *propertyname=value* Specify the name and value of the search properties that you want to edit.

**Examples** `wadm set-search-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs enabled=false max-hits=1200`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [add-documents\(1\)](#), [remove-documents\(1\)](#), [get-search-prop\(1\)](#), [get-search-collection-prop\(1\)](#), [set-search-collection-prop\(1\)](#)

**Name** set-servlet-container-prop – edits the servlet container properties

**Synopsis** set-servlet-container-prop <connect\_options> [-echo|-e]  
--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
(*property-name=value*)<sup>+</sup>

**Description** Use this command to edit the Servlet container properties. The properties that you can edit are as follows:

- `dynamic-reload-interval` - The interval when the server checks the deployed web applications for modifications. The range of values is 1–60, or –1 if dynamic reloading should be disabled. The default value is –1.
- `log-level` - The log verbosity for the Servlet container. The values can be `finest` (most verbose), `finer`, `fine`, `info`, `warning`, `failure`, `config`, `security`, or `catastrophe` (least verbose).
- `anonymous-role` - The name of the default or anonymous, role assigned to all principals. The default role is `ANYONE`.
- `single-threaded-servlet-pool-size` - The number of Servlet instances to instantiate per `SingleThreadedServlet`. The range of values is 1–4096.
- `cross-context-allowed` - Indicates whether the request dispatchers are allowed to dispatch to another context. The default value is `true`.
- `reuse-session-id` - Indicates whether any existing session ID number is reused when creating a new session for that client. The default value is `false`.
- `encode-cookies` - Indicates whether the Servlet container encodes the cookie values. The default value is `true`.
- `dispatcher-max-depth` - The maximum depth for the Servlet container allowing nested request dispatches. The range of values is 0–2147483647. The default value is 20.
- `secure-session-cookie` — Controls the conditions under which the `JSESSIONID` cookie is marked secure. The values can be as follows:
  - `dynamic` — marks the cookie secure only when the request is received on a secure connection.
  - `true` — always marks the cookie secure.
  - `false` — never marks the cookie secure.

The default value is `dynamic`.

**Options** `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if

you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose` | `-v`

Specify this option to display a verbose output.

`--config` | `-c`

Specify the name of the configuration.

**Operands** *property-name=value*

Specify the name and value of the Servlet container property that you want to edit.

**Examples** `wadm set-servlet-container-prop --user=admin`  
`--password-file=./admin.passwd --host=serverhost --port=8989`  
`--ssl=true --no-prompt --rcfile=null --config=config1`  
`cross-context-allowed=false dispatcher-max-depth=15`  
`dynamic-reload-interval=5 encode-cookies=false log-level=finer`  
`reuse-session-id=true secure-session-cookie=false`  
`single-threaded-servlet-pool-size=2`

**Exit Status** The following exit values are returned:

0            command executed successfully

>0          error in executing the command

**See Also** [help\(1\)](#), [get-servlet-container-prop\(1\)](#)

**Name** set-session-replication-prop – edits the session replication properties

**Synopsis** set-session-replication-prop <connect\_options> --echo|-e]  
[--no-prompt|-Q] [--verbose|-v] [--node|-n *node-name* ]  
--config|-c *config-name* (*propertyname=value*)+

**Description** Use this command to edit the session replication properties. The properties that you can edit are as follows:

- **key** - The secret key that members of the cluster use to authenticate each other. Only applicable at the *cluster* level.
- **encrypted** - Indicates whether the session data is encrypted prior to replication. The default value is `false`. Only applicable at the *cluster* level.
- **protocol** - The protocol used for session replication. The values can be `http` or `jmp`. Only applicable at the *cluster* level.
- **async** - Indicates whether session replication is allowed to occur asynchronously from HTTP request/response processing. The default value is `true`. Only applicable at the *cluster* level.
- **getAttribute-triggers-replication** - Indicates whether a call to the `HttpSession.getAttribute` method should cause a session to be backed up. The default value is `true`. Only applicable at the *cluster* level.
- **replica-discovery-max-hops** - The maximum number of instances that should be contacted while attempting to find the backup of a session. The range of values is 1–2147483647, or -1 for no limit. Only applicable at the *cluster* level.
- **startup-discovery-timeout** - The maximum time (in seconds) that an instance will spend trying to contact its designated backup instance. The range of values is 0.001–3600. Only applicable at the *cluster* level.
- **cookie-name** - The name of the cookie that tracks which instance owns a session. Only applicable at the *cluster* level.

**Options** For `connect_options` description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- no-prompt|-Q** If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- verbose|-v** Specify this option to display a verbose output.

`--node|-n` Specify the name of the node.

`--config|-c` Specify the name of the configuration.

**Operands** *propertyname=value* Specify the name and value of the session replication property that you want to edit.

**Examples** `wadm set-session-replication-prop --user=admin  
--password-file=./admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1 enabled=true`

**Exit Status** The following exit values are returned:

`0` command executed successfully

`>0` error in executing the command

**See Also** [help\(1\)](#), [get-session-replication-prop\(1\)](#)

**Name** set-soap-auth-provider-prop – edits the SOAP authentication provider properties

**Synopsis** set-soap-auth-provider-prop <connect\_options> --echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --provider|-o *name* (*propertyname=value*)+

**Description** Use this command to edit the SOAP (Simple Object Access Protocol) authentication provider properties. The properties that you can edit are as follows:

- **name** — The name that uniquely identifies the SOAP message-level authentication provider for use in `default-soap-auth-provider-name` and `sun-web.xml`.
- **class** — The class that implements the provider realm (`com.sun.enterprise.security.jauth.ServerAuthModule`).
- **request-policy** — Configures the authentication policy requirements for requests.
- **response-policy** — Configures the authentication policy requirements for responses.
- **property** — Configures the optional provider-specific properties.

**Options** For `connect_options` description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

--no-prompt|-Q If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

--provider|-o Specify the name of the SOAP authentication provider.

**Operands** *propertyname=value* Specify the name and value of the SOAP authentication property that you want to edit.

**Examples** `wadm set-soap-auth-provider-prop --user=admin`  
`--password-file=../admin.passwd --host=serverhost --port=8989`  
`--ssl=true --no-prompt --rcfile=null --config=config1`  
`--provider=soap-auth request-policy-auth-source=sender`  
`request-policy-auth-recipient=after-content`  
`response-policy-auth-source=sender`  
`response-policy-auth-recipient=after-content`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [create-soap-auth-provider\(1\)](#), [delete-soap-auth-provider\(1\)](#),  
[get-soap-auth-provider-prop\(1\)](#), [list-soap-auth-providers\(1\)](#),  
[create-soap-auth-provider-userprop\(1\)](#), [delete-soap-auth-provider-userprop\(1\)](#),  
[list-soap-auth-provider-userprops\(1\)](#)

**Name** set-ssl-prop – edits the SSL properties

**Synopsis** set-ssl-prop <connect\_options> [--echo|-e]  
 --no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 --http-listener|-l *name* (*propertyname=value*)+

**Description** Use this command to edit the SSL properties. SSL is a software library establishing a secure connection between the client and server. SSL is used to implement HTTPS, the secure version of HTTP. The properties that you can edit are as follows:

- **enabled** — Indicates whether SSL/TLS is enabled at runtime. The default value is `true`.
- **server-cert-nickname** — The nickname of a server certificate.
- **ssl2** — Indicates whether SSL2 connections are accepted. The default value is `false`.
- **ssl3** — Indicates whether SSL3 connections are accepted. The default value is `true`.
- **tls** — Indicates whether TLS connections are accepted. The default value is `true`.
- **tls-rollback-detection** — Indicates whether the server detects and blocks TLS version rollback attacks. The default value is `true`.
- **client-auth** — The client certificate authentication method. The value can be `required`, `optional`, or `false`.
- **client-auth-timeout** — The timeout (in seconds) after which client authentication handshake fails. The range of values is 0.001 - 3600.
- **max-client-auth-data** — The maximum amount of application-level data to buffer during a client authentication handshake. The range of values is 0 - 2147483647.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                    |   |
|--------------------|---|
| --echo -e          | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| --no-prompt -Q     | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| --verbose -v       | Specify this option to display a verbose output.  |
| --config -c        | Specify the name of the configuration.  |
| --http-listener -l | Specify the name of the HTTP listener.  |

**Operands** *propertyname=value* Specify the name and value of the SSL property that you want to edit.

---

**Examples** `wadm set-ssl-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 --http-listener=config1_ls tls=true  
server-cert-nickname=Server-Cert client-auth-timeout=65  
client-auth=false enabled=true ssl2=false  
max-client-auth-data=1048575 tls-rollback-detection=true  
ssl3=true`

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-ssl-prop\(1\)](#), [disable-ciphers\(1\)](#), [enable-ciphers\(1\)](#)

**Name** set-ssl-session-cache-prop – edits the SSL session cache properties

**Synopsis** set-ssl-session-cache-prop <connect\_options> --echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name*  
 (*propertyname=value*)+

**Description** Use this command to edit the SSL session cache properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server caches SSL/TLS sessions. The default value is `true`.
- **max-entries** - The maximum number of SSL/TLS sessions the server will cache. The range of values is 1–524288.
- **max-ssl2-session-age** - The maximum amount of time to cache an SSL2 session. The range of values is 5–100.
- **max-ssl3-tls-session-age** - The maximum amount of time to cache an SSL3/TLS session. The range of values is 5–86400.

**Options** For `connect_options` description, see [help\(1\)](#).

- |                             |   |
|-----------------------------|---|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.  |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.  |
| <code>--config -c</code>    | Specify the name of the configuration.  |

**Operands** *propertyname=value* Specify the name and value of the SSL session cache property that want edit.

**Examples** `wadm set-ssl-session-cache-prop --user=admin  
 --password-file=../admin.passwd --host=serverhost --port=8989  
 --ssl=true --no-prompt --rcfile=null --config=config1  
 enabled=false max-entries=20000 max-ssl2-session-age=5  
 max-ssl3-tls-session-age=5`

**Exit Status** The following exit values are returned:

- |                    |                                |
|--------------------|--------------------------------|
| <code>0</code>     | command executed successfully  |
| <code>&gt;0</code> | error in executing the command |

**See Also** [help\(1\)](#), [get-ssl-session-cache-prop\(1\)](#)

**Name** set-stats-prop – edits the statistics properties

**Synopsis** set-stats-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*propertyname=value*)+

**Description** Use this command to edit properties of the statistics collection subsystem. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server collects statistics at runtime. The default value is `true`.
- **interval** - The interval (in seconds) at which statistics are updated. The range of values is 0.001 - 3600.
- **profiling** - Indicates whether the performance buckets that are used to track NSAPI function execution time are enabled. The default value is `true`.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

**Operands** *propertyname=value* Specify the name and value of statistics property that you want to edit.

**Examples** `wadm set-stats-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 enabled=true profiling=true interval=10`

**Exit Status** The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

**See Also** [help\(1\)](#), [get-stats-prop\(1\)](#)

**Name** set-symlinks-prop – edits the symbolic link properties

**Synopsis** set-symlinks-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] --vs|-s *vs-name* --config|-c *config-name* (*propertyname=value*)+

**Description** Use this command to edit the symbolic link properties. A symbolic link consists of two files, an original file that contains the data, and another that points to the original file. Symbolic links can be used across different file systems and can be linked to directories. The properties that you can edit are as follows:

- `allow-soft-links` — allows soft file system links. The values can be:
  - `true` - always allow soft file system links
  - `false` - never allow soft file system links
  - `on-owner-match` - only allow when owners match
- `allow-hard-links` — allows hard file system links. The values can be:
  - `true` - always allow hard file system links
  - `false` - never allow hard file system links
- `directory` — Name of the directory from which links will be searched.

**Options** For connect\_options description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` connect\_option.
- `--verbose|-v` Specify this option to display a verbose output.
- `--uri-pattern|-t` Specify the URI wildcard pattern.
- `--config|-c` Specify the name of the configuration.
- `--vs|-s` Specify the name of the virtual server.

**Operands** *propertyname=value* Specify the name and value of the symbolic link property.

**Examples** `wadm set-symlinks-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs allow-soft-links=false allow-hard-links=false directory=../`

**Exit Status** The following exit values are returned:

- 0            command executed successfully
- >0          error in executing the command

**See Also** [help\(1\)](#), [get-symlinks-prop\(1\)](#)

**Name** set-thread-pool-prop – edits the thread pool properties

**Synopsis** set-thread-pool-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*propertyname=value*)+

**Description** Use this command to edit the thread pool properties. The properties that you can edit are as follows:

- `enabled` - Indicates whether the thread pool is enabled at runtime.
- `min-threads` - The minimum number of HTTP request processing threads. The range of values is 1–4096. The default value is `default`.
- `max-threads` - The maximum number of HTTP request processing threads. The range of values is 1–4096. The default value is `default`.
- `stack-size` - The stack size (in bytes) for HTTP request processing threads. The range of values is 8192–67108864.
- `queue-size` - The maximum number of concurrent HTTP connections that can be queued waiting for processing. The range of values is 1–1048576. The default value is `default`.

**Options** For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--config|-c` Specify the name of the configuration.

**Operands** *propertyname=value* Specify the name and value of the thread pool property that you want to edit.

**Examples** `wadm set-thread-pool-prop --user=admin --host=serverhost --password-file=./admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 enabled=false queue-size=2048 min-threads=32 stack-size=100000 max-threads=256`

**Exit Status** The following exit values are returned:

0            command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [set-thread-pool-prop\(1\)](#)

**Name** set-token-pin – sets the PKCS #11 token pin

**Synopsis** set-token-pin <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--token-pin|-P name]  
 [--new-token-pin|-o name] [--save-pin|-a (true|false)]  
 --token|-t name --config|-c config-name

**Description** Use this command to set or reset the SSL token pin for the server.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--token-pin -P	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the token-pin in the password file.
--new-token-pin -o	Specify a new token pin when changing the token password. You can also define the new-token-pin in the password file.
--save-pin -a	If you specify this option, token element is added in configuration's server.xml file with the given pin (password).
--token -t	Specify the name of the PKCS #11 token.
--config -c	Specify the name of the configuration.

**Examples** wadm set-token-pin --user=admin --password-file=../admin.passwd  
 --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
 --config=config1 --token=internal

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-pkcs11-prop\(1\)](#), [set-pkcs11-prop\(1\)](#), [list-tokens\(1\)](#), [set-token-prop\(1\)](#)

**Name** set-token-prop – sets the PKCS #11 token properties

**Synopsis** set-token-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--set-password|-r] [--token-pin|-P name] [--config|-c config-name --token|-t name (propertyname=value)\*

**Description** Use this command to enable or disable the SSL tokens for the server. You can also use this command to save the token-pin in the server.xml file, which will facilitate unsupervised server startup. The property that you can edit is as follows:

- enabled - Indicates whether the SSL token is enabled at runtime.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--set-password -r	If you specify this option, you are prompted for the SSL token pin that can be set or reset and saved in the server.xml file.
--token-pin -P	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the token-pin in the password file.
--config -c	Specify the name of the configuration.
--token -t	Specify the name of the PKCS #11 token that contains the certificates.

**Operands** *propertyname=value* Specify the name and value of the PKCS#11 token property that you want to edit.

**Examples** wadm set-token-prop --user=admin --password-file=../admin.pwd --host=serverhost --port=8989 --config=config1 --token=internal

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [get-pkcs11-prop\(1\)](#), [set-pkcs11-prop\(1\)](#), [list-tokens\(1\)](#), [set-token-pin\(1\)](#)

**Name** set-user-prop – edits user information

**Synopsis** set-user-prop <*connect\_options*> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v][--vs|-s *vs-name*] [--org-unit|-o *org-unit*]  
 [--realm|-L *realm*] [--set-password|-r] [--user-password|-W]  
 --config|-c *config-name* --authdb|-a *name*  
 --uid|-U *userid* (*propertyname=value*)

**Description** Use this command to edit the user information. The properties that you can edit are surname, full name, email ID, phone number, realm, org-unit, and user title.

**Options** For *connect\_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
--verbose -v	Specify this option to display a verbose output.
--realm -L	Specify the realm that authenticates the user.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--org-unit -o	Enter a description of an organizational unit within your company to which this user belongs.
--set-password -r	Specify this option to change the administration server user password.
--user-password -W	Specify the user password. You can also define the <code>user-password</code> in the password file.
--config -c	Specify the name of the configuration.
--authdb -a	Specify the authentication database that stores the user information.
--uid -U	Specify the ID of the user whose property information you want to edit.

**Operands** *propertyname=value* Specify the user property that you want edit.

**Examples** wadm set-user-prop --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true

```
--no-prompt --rcfile=null --config=config1 --realm=rlm1  
--authdb=DIGESTFILE1 -uid=digest-config1-u1 groups=group1
```

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-user\(1\)](#), [delete-user\(1\)](#), [get-user-prop\(1\)](#), [list-users\(1\)](#)

**Name** set-virtual-server-prop – edits the virtual server properties

**Synopsis** set-virtual-server-prop <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* --vs|-s *vs-name* (*propertyname=value*)+

**Description** Use this command to edit the virtual server properties. The properties that you can edit are as follows:

- **object-file** - The `obj.conf` file that controls the request handling process for the virtual server.
- **canonical-server-name** - The canonical host name of the virtual server. Requests using a different host name will be redirected to this host name.
- **enabled** - Indicates whether the virtual server is enabled at runtime.
- **host** - The hostname the virtual server services.
- **default-object-name** - The name of the root `obj.conf` object.
- **name** - The name that uniquely identifies the virtual server.
- **document-root** - The document root for the virtual server.
- **mime-file** - The `mime.types` file that configures MIME mappings for the virtual server.
- **log-file** - The log file for the virtual server.
- **http-listener-name** - The name of an HTTP listener associated with one or more of the virtual server's hostnames.
- **acl-file** - The Access Control List (ACL) file that controls access to the virtual server.

**Options** For `connect_options` description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- no-prompt|-Q** If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- verbose|-v** Specify this option to display a verbose output.
- config|-c** Specify the name of the configuration.
- vs|-s** Specify the name of the virtual server.

**Operands** *propertyname=value* Specify the name and value of the property that you want to edit.

**Examples** `wadm set-virtual-server-prop --user=admin  
--password-file=./admin.passwd --host=serverhost --port=8989  
--ssl=true --no-prompt --rcfile=null --config=config1 --vs=vs  
enabled=true host=serverhost default-object-name=default  
document-root=./docs http-listener-name=config1_ls`

**Exit Status** The following exit values are returned:

0            command executed successfully  
>0          error in executing the command

**See Also** [help\(1\)](#), [create-virtual-server\(1\)](#), [delete-virtual-server\(1\)](#), [get-virtual-server-prop\(1\)](#),  
[list-virtual-servers\(1\)](#), [copy-virtual-server\(1\)](#)

**Name** set-webdav-prop – edits the WebDAV properties

**Synopsis** set-webdav-prop <connect\_options> [-echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c *config-name* (*propertyname=value*)+

**Description** Use this command to edit the WebDAV properties. You can edit the following properties:

- **enabled** - Indicates whether WebDAV is enabled for the collection at runtime. The default value is `true`.
- **default-owner** - The default owner for the resources.
- **min-lock-timeout** - The minimum expiration time (in seconds) for WebDAV locks. The range of values is 0.001 - 3600, or 0 to not enforce a minimum expiration time.
- **max-xml-request-body-size** - The maximum size (in bytes) allowed for WebDAV XML request bodies. The range of values is 0 - 2147483647, or -1 for no limit.
- **max-propfind-depth** - The maximum depth of PROPFIND requests sent to collections. The values are 0, 1, or infinity.
- **max-expand-property-depth** - The maximum depth allowed for WebDAV expand-property REPORT responses. The range of values is 0 - 100.
- **max-report-response-elements** - The upper limit of the number of response elements a REPORT response body can have. The range of values is 0 - 2147483647, default 1000.
- **auth-auth-db-name** - The ACL authentication database to use. The default value is `default`.
- **auth-method** - The authentication method to use. The values can be `basic`, `digest`, or `ssl`. The default value is `basic`.
- **auth-prompt** - The prompt to display to the client requests for authentication. The default value is `Sun Java System Web Server WebDAV`.
- **acl-db-max-size** - The maximum size (in bytes) of memory representation of the WebDAV ACL database for a collection. If this memory limit is exceeded, the server will not cache WebDAV ACL lists. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-max-entries** - The maximum number of ACEs to allow on a single resource. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-update-interval** - The interval (in seconds) at which WebDAV ACL databases are synced to disk. The value range is 0.001 - 3600, or 0 to disable caching of WebDAV ACL lists.
- **property-db-max-size** - The maximum size (in bytes) of WebDAV property database files. The range of values is 0 - 2147483647, or -1 for no limit.
- **property-db-update-interval** - The interval (in seconds) at which WebDAV property databases are synced to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV properties.

- `lock-db-path` - The filename of the WebDAV lock database is stored. The path can be the absolute path or path relative to the server's config directory.
- `lock-db-update-interval` - The interval (in seconds) at which WebDAV lock databases are synced to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV lock information.

**Options** For `connect_options` description, see [help\(1\)](#).

- `--echo` | `-e` Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
- `--no-prompt` | `-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose` | `-v` Specify this option to display a verbose output.
- `--config` | `-c` Specify the name of the configuration.

**Operands** `propertyname=value` Specify the name and value of the WebDAV property that you want to edit.

**Examples** `wadm set-webdav-prop --user=admin --host=serverhost  
--password-file=./admin.passwd --port=8989 --ssl=true --no-prompt  
--rcfile=null --config=config1 acl-db-max-entries=12  
property-db-update-interval=1`

**Exit Status** The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

**See Also** [help\(1\)](#), [enable-webdav\(1\)](#), [disable-webdav\(1\)](#), [get-webdav-prop\(1\)](#)

**Name** start-instance – starts an instance

**Synopsis** start-instance <connect\_options> [--echo|-e] [--no-prompt|-Q]  
[--verbose|-v] --config|-c config-name (nodehost)\*

**Description** Use this command to start instance(s) running on the specified configuration and on the specified nodes. If you do not specify any nodes, all instances running on the specified configuration are started. If you run this command when instance(s) is already running, an error is displayed.

**Options** For connect\_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration that the instance points to.

**Operands** nodehost Specify the name of the node.

**Examples** wadm start-instance --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null  
--config=config1 serverhost

**Exit Status** The following exit values are returned:

0	command executed successfully
>0	error in executing the command

**See Also** [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [delete-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

- Name** start-snmp-master-agent – starts the SNMP master agent
- Synopsis** start-snmp-master-agent <connect\_options> [--echo|-e]  
 [--no-prompt|-Q] [--verbose|-v] [--snmp-port|-m  
 snmp-master-agent-port] (nodehost)
- Description** Use this command to start the SNMP master agent. In general, to use SNMP you must have a master agent and at least one subagent installed and running on your system. You need to install the master agent before you can enable a subagent.
- Note** – You cannot start the SNMP master agent through the administration interfaces when the Administration server is installed as a non-root user. To allow a non-root Administration server user to start master agent through administration interfaces, the non-root user must be given the privileges to bind to the privileged ports using RBAC, which the SNMP master agent runs on. The default SMUX port is 199 and default SNMP port is 161.
- Another workaround is to manually start the master agent as root using the following command:
- ```
magt CONFIG INIT
```
- The magt command is located under *server-root/lib/snmp/magt/*.
- Options** For connect\_options description, see [help\(1\)](#).
- echo|-e Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.
  - no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect\_option.
  - verbose|-v Specify this option to display a verbose output.
  - snmp-port|-m Specify the port number of the SNMP master agent.
- Operands** nodehost Specify the name of the node.
- Examples** wadm start-snmp-master-agent --user=admin --host=serverhost  
 --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt  
 --rcfile=null --snmp-port=161 node1
- Exit Status** The following exit values are returned:
- 0 command executed successfully

>0 error in executing the command

**See Also** [help\(1\)](#), [stop-snmp-master-agent\(1\)](#)

- 
- Name** start-snmp-subagent – starts the SNMP subagent
- Synopsis** start-snmp-subagent <*connect\_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] (*nodehost*)+
- Description** Use this command to start the SNMP subagent. The subagent gathers information about the server and passes the information to the server's master agent. Before starting the SNMP subagent, verify that the master agent is installed and running.
- Options** For *connect\_options* description, see [help\(1\)](#).
- |                |                                                                                                                                                                                                                                                             |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.                                                      |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <i>connect_option</i> . |
| --verbose -v   | Specify this option to display a verbose output.                                                                                                                                                                                                            |
- Operands** *nodehost* Specify the name of the node.
- Examples** wadm start-snmp-subagent --user=admin --host=serverhost --password-file=../admin.passwd --port=8989 --ssl=true --no-prompt --rcfile=null node1
- Exit Status** The following exit values are returned:
- |    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |
- See Also** [help\(1\)](#), [stop-snmp-subagent\(1\)](#)

**Name** stop-admin – stops the administration server or node

**Synopsis** stop-admin <connect\_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] *nodehost*

**Description** Use this command to stop the administration server or node. To restart the administration server, you can use the restart-admin command.

**Options**

|                |                                                                                                                                                                                                                                        |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.                                 |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v   | Specify this option to display a verbose output.                                                                                                                                                                                       |

**Operands** *nodehost* Specify the name of the node.

**Examples** wadm stop-admin --user=admin --password-file=./admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null serverhost

**Exit Status** The following exit values are returned:

|    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** help(1), restart-admin(1), set-admin-prop(1), get-admin-prop(1)

**Name** stop-instance – stops instances

**Synopsis** stop-instance <*connect\_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *config-name* (*nodehost*)\*

**Description** Use this command to stop the instance running on the specified configuration and on the specified nodes. If you do not specify any nodes, all instances running on the specified configuration are stopped. If an instance on any node is not running, this command will result in an error.

**Options** For *connect\_options* description, see [help\(1\)](#).

|                |                                                                                                                                                                                                                                                |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.                                         |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> . |
| --verbose -v   | Specify this option to display a verbose output.                                                                                                                                                                                               |
| --config -c    | Specify the name of the configuration that the instance points to.                                                                                                                                                                             |

**Operands** *nodehost* Specify the name of the node.

**Examples** wadm stop-instance --user=admin --password-file=../admin.passwd --host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null --config=config1 serverhost

**Exit Status** The following exit values are returned:

|    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [start-instance\(1\)](#), [delete-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

**Name** stop-snmp-master-agent – stops the SNMP master agent

**Synopsis** stop-snmp-master-agent <connect\_options> [-echo|-e]  
[-no-prompt|-Q] [--verbose|-v] (nodehost)+

**Description** Use this command to stop the SNMP master agent.

**Options** For connect\_options description, see [help\(1\)](#).

|                             |                                                                                                                                                                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>--echo -e</code>      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.                                              |
| <code>--no-prompt -Q</code> | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option. |
| <code>--verbose -v</code>   | Specify this option to display a verbose output.                                                                                                                                                                                                    |

**Operands** *nodehost* Specify the name of the node.

**Examples** wadm stop-snmp-master-agent --user=admin --password-file=../admin.passwd  
--host=serverhost --port=8989 --ssl=true --no-prompt --rcfile=null node1

**Exit Status** The following exit values are returned:

|    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** [help\(1\)](#), [start-snmp-master-agent\(1\)](#)

**Name** stop-snmp-subagent – stops the SNMP subagent

**Synopsis** stop-snmp-subagent <connect\_options> [--echo|-e] [--no-prompt|-Q]  
 [--verbose|-v] (nodehost)\*

**Description** Use this command to stop the SNMP subagent.

**Options** For connect\_options description, see [help\(1\)](#).

|                |                                                                                                                                                                                                                                        |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e      | Specify this option to print this command on the standard output before executing. This option also prints the default value for all the non-mandatory options that you do not provide in the command.                                 |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v   | Specify this option to display a verbose output.                                                                                                                                                                                       |

**Operands** nodehost Specify the name of the node.

**Examples** wadm stop-snmp-subagent --user=admin --host=serverhost  
 --password-file=./admin.passwd --port=8989 --ssl=true  
 --no-prompt --rcfile=null node1

**Exit Status** The following exit values are returned:

|    |                                |
|----|--------------------------------|
| 0  | command executed successfully  |
| >0 | error in executing the command |

**See Also** [help\(1\)](#), [start-snmp-subagent\(1\)](#)



# Index

---

## A

add documents, 22  
add webapp, 24

## B

block reverse proxy header, 26

## C

copy config, 27  
copy virtual server, 28  
create auth realm, 33  
create auth realm userprop, 35  
create authdb, 29  
create authdb userprop, 31  
create cert request, 36  
create cgi dir, 39  
create cgi envvar, 41  
create config, 42  
create custom resource, 44  
create custom resource userprop, 46  
create dav collection, 47  
create document dir, 50  
create event, 51  
create external jndi resource, 53  
create external jndi resource userprop, 55  
create fastcgi handler, 56  
create file authdb, 61  
create group, 63

create group member, 65  
create http listener, 66  
create instance, 68  
create jdbc resource, 69  
create jdbc resource userprop, 71  
create jvm options, 73  
create jvm profiler, 75  
create ldap authdb, 76  
create lifecycle module, 78  
create lifecycle module userprop, 80  
create mail resource, 81  
create mail resource userprop, 83  
create mime type, 84  
create pam authdb, 86  
create reverse proxy, 87  
create search collection, 89  
create search event, 91  
create selfsigned cert, 93  
create soap auth provider, 95  
create soap auth provider userprop, 98  
create url redirect, 99  
create user, 101  
create variable, 103  
create virtual server, 104

## D

delete acl, 106  
delete auth realm, 109  
delete auth realm userprop, 110  
delete authdb, 107

- delete authdb userprop, 108
- delete cert, 111
- delete cgi dir, 112
- delete cgi envvar, 113
- delete config, 114
- delete curl, 115
- delete custom resource, 116
- delete custom resource userprop, 117
- delete dav collection, 118
- delete document dir, 119
- delete error page, 120
- delete event, 121
- delete external jndi resource, 123
- delete external jndi resource userprop, 124
- delete fastcgi handler, 125
- delete group, 127
- delete group member, 128
- delete home page, 129
- delete http listener, 130
- delete instance, 131
- delete jdbc resource, 132
- delete jdbc resource userprop, 133
- delete jvm options, 134
- delete jvm profiler, 136
- delete lifecycle module, 137
- delete lifecycle module userprop, 138
- delete mail resource, 139
- delete mail resource userprop, 140
- delete mime type, 141
- delete reverse proxy, 142
- delete search collection, 143
- delete search event, 144
- delete soap auth provider, 146
- delete soap auth provider userprop, 147
- delete url redirect, 148
- delete user, 149
- delete variable, 150
- delete virtual server, 151
- deploy config, 152
- disable access log, 154
- disable-admin-ldap-auth, 155
- disable cgi file type, 156
- disable ciphers, 157
- disable dav collection, 158

- disable directory listing, 159
- disable document footer, 160
- disable event, 161
- disable htaccess, 163
- disable-java, 164
- disable on demand compressed, 165
- disable p3p, 166
- disable parsed html, 167
- disable perfdump, 168
- disable precompressed content, 169
- disable request limits, 170
- disable search event, 171
- disable secretkey restriction, 173
- disable single signon, 174
- disable snmp, 175
- disable stats xml, 176
- disable unix homedir, 177
- disable webapp, 178
- disable webdav, 179

## E

- enable access log, 180
- enable-admin-ldap-auth, 181
- enable cgi file type, 183
- enable ciphers, 185
- enable dav collection, 186
- enable directory listing, 187
- enable document footer, 189
- enable event, 191
- enable htaccess, 193
- enable java, 194
- enable on demand compression, 195
- enable p3p, 197
- enable parsed html, 198
- enable perfdump, 200
- enable precompressed content, 201
- enable request limits, 203
- enable search event, 205
- enable secretkey restriction, 207
- enable single signon, 208
- enable snmp, 209
- enable stats xml, 210
- enable unix homedir, 211

enable webapp, 213  
enable webdav, 214  
expire lock, 215

## F

forward reverse proxy header, 216

## G

get access log, 218  
get access log buffer prop, 220  
get access log prop, 222  
get acl, 224  
get acl cache prop, 225  
get-admin-ldap-auth-prop, 226  
get admin prop, 228  
get auth realm prop, 232  
get authdb prop, 230  
get cache control directives, 233  
get cert prop, 235  
get cgi file type prop, 237  
get cgi prop, 238  
get config file, 240  
get config prop, 241  
get config stats, 243  
get curl prop, 244  
get custom resource prop, 245  
get dav collection prop, 247  
get default content type, 249  
get directory listing prop, 250  
get dns cache prop, 251  
get dns prop, 252  
get document footer prop, 253  
get error page, 254  
get external jndi resource prop, 255  
get fastcgi handler prop, 257  
get file cache prop, 260  
get home page, 262  
get htaccess prop, 263  
get http listener prop, 264  
get http prop, 266  
get index files, 268  
get jdbc resource prop, 269  
get jvm profiler prop, 271  
get jvm prop, 272  
get keep alive prop, 274  
get lifecycle module prop, 276  
get localization prop, 278  
get log, 279  
get log prop, 281  
get mail resource prop, 283  
get on demand compression prop, 284  
get p3p prop, 286  
get parsed html prop, 287  
get perfdump, 288  
get perfdump prop, 289  
get pkcs11 prop, 290  
get precompressed content prop, 291  
get qos limits prop, 293  
get qos prop, 294  
get request limits prop, 295  
get reverse proxy prop, 297  
get search collection prop, 300  
get search prop, 302  
get secretkey restriction userprop, 303  
get servlet container prop, 304  
get servlet stats, 306  
get session replication prop, 307  
get single signon prop, 309  
get snmp prop, 310  
get soap auth provider prop, 312  
get ssl prop, 314  
get ssl session cache prop, 316  
get stats prop, 317  
get stats xml, 318  
get stats xml prop, 319  
get symlinks prop, 320  
get thread pool prop, 322  
get unix homedir prop, 324  
get url redirect prop, 325  
get user prop, 327  
get virtual server prop, 329  
get virtual server stats, 331  
get webapp stats, 332  
get webdav prop, 333

**H**

help, 335

**I**

install cert, 340

install curl, 342

**L**

list acls, 343

list auth realm userprops, 347

list auth realms, 346

list authdb userprops, 345

list authdbs, 344

list certs, 348

list cgi dirs, 349

list cgi envvars, 350

list ciphers, 351

list config files, 353

list configs, 354

list crls, 355

list custom resource userprops, 357

list custom resources, 356

list dav collections, 358

list document dirs, 359

list error pages, 360

list events, 361

list external jndi resource userprops, 363

list external jndi resources, 362

list fastcgi handlers, 364

list group members, 365

list groups, 366

list http listeners, 367

list instances, 368

list jdbc resource userprops, 370

list jdbc resources, 369

list jvm options, 371

list jvm profilers, 372

list lifecycle module userprops, 374

list lifecycle modules, 373

list locks, 375

list mail resource userprops, 377

list mail resources, 376

list mime types, 378

list nodes, 379

list org units, 380

list reverse proxy headers, 381

list reverse proxy uris, 382

list search collections, 383

list search events, 384

list soap auth provider userprops, 386

list soap auth providers, 385

list tokens, 387

list uri patterns, 388

list url redirects, 389

list users, 390

list variables, 391

list virtual servers, 392

list webapps, 393

**M**

migrate jks keycert, 394

migrate server, 396

**P**

pull config, 398

**R**

reconfig instance, 399

register node, 400

reindex search collection, 401

remove documents, 402

remove node, 403

remove webapp, 404

renew admin certs, 405

restart admin, 406

restart instance, 407

rotate log, 408

**S**

- set access log buffer prop, 409
- set acl, 411
- set acl cache prop, 412
- set admin prop, 413
- set auth realm prop, 417
- set authdb prop, 415
- set cache control directives, 418
- set cert trust prop, 420
- set cgi prop, 422
- set config file, 424
- set config prop, 425
- set custom resource prop, 427
- set dav collection prop, 429
- set default content type, 431
- set dns cache prop, 432
- set dns prop, 433
- set error page, 434
- set external jndi resource prop, 435
- set fastcgi handler prop, 437
- set file cache prop, 440
- set home page, 442
- set http listener prop, 443
- set http prop, 445
- set index files, 447
- set jdbc resource prop, 448
- set jvm profiler prop, 450
- set jvm prop, 451
- set keep alive prop, 453
- set lifecycle module prop, 455
- set localization prop, 457
- set log prop, 458
- set mail resource prop, 460
- set pkcs11 prop, 461
- set qos limits prop, 462
- set qos prop, 463
- set request limits prop, 464
- set reverse proxy prop, 466
- set search collection prop, 469
- set search prop, 471
- set servlet container prop, 472
- set session replication prop, 474
- set soap auth provider prop, 476
- set ssl prop, 478
- set ssl session cache prop, 480
- set stats prop, 482
- set symlinks prop, 483
- set thread pool prop, 485
- set token pin, 487
- set token prop, 488
- set user prop, 490
- set-virtual-server-prop, 492
- set webdav prop, 494
- start instance, 496
- start snmp master agent, 497
- start snmp subagent, 499
- stop admin, 500
- stop instance, 501
- stop snmp master agent, 502
- stop snmp subagent, 503

