



BEA

WebLogic Server

Configuration Reference

BEA WebLogic Server 6.0
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BEA WebLogic Server Configuration Reference

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About This Document

This document describes the WebLogic Server configuration file (`config.xml`).

The document is organized as follows:

- Chapter 1, “Overview of `config.xml`,” describes the `config.xml` file and `config.dtd` files, and provides guidelines for editing the configuration file.
- Chapter 2, “WebLogic Server Configuration DTD,” contains the `config.dtd` Document Type Definition (DTD).
- Chapter 3, “`config.xml` Elements and Attributes,” describes the `config.xml` elements and attributes.
- Chapter 4, “WebLogic Properties Mapping,” contains a table that maps Administration Console attribute names to `config.xml` attribute names and `weblogic.properties` property names.
- The Index provides links to all element and attribute names.

What You Need to Know

This document is intended for application developers. It is assumed that readers know the WebLogic Server platform, XML, and Java programming.

e-docs Web Site

BEA product documentation is available on the BEA corporate Web site. From the BEA Home page, click on Product Documentation or go directly to the WebLogic Server Product Documentation page at <http://e-docs.bea.com/wls/docs60>.

How to Print the Document

You can print a copy of this document from a Web browser, one main topic at a time, by using the File→Print option on your Web browser.

A PDF version of this document is available on the WebLogic Server documentation Home page on the e-docs Web site (and also on the documentation CD). You can open the PDF in Adobe Acrobat Reader and print the entire document (or a portion of it) in book format. To access the PDFs, open the WebLogic Server documentation Home page, click Download Documentation, and select the document you want to print.

Adobe Acrobat Reader is available at no charge from the Adobe Web site at <http://www.adobe.com>.

Related Information

The BEA corporate Web site provides all documentation for WebLogic Server.

Contact Us!

Your feedback on BEA documentation is important to us. Send us e-mail at docsupport@bea.com if you have questions or comments. Your comments will be reviewed directly by the BEA professionals who create and update the documentation.

In your e-mail message, please indicate the software name and version your are using, as well as the title and document date of your documentation. If you have any questions about this version of BEA WebLogic Server, or if you have problems installing and running BEA WebLogic Server, contact BEA Customer Support through BEA WebSupport at <http://www.bea.com>. You can also contact Customer Support by using the contact information provided on the Customer Support Card, which is included in the product package.

When contacting Customer Support, be prepared to provide the following information:

- Your name, e-mail address, phone number, and fax number
- Your company name and company address
- Your machine type and authorization codes
- The name and version of the product you are using
- A description of the problem and the content of pertinent error messages

Documentation Conventions

The following documentation conventions are used throughout this document.

Convention	Usage
Ctrl+Tab	Keys you press simultaneously.
<i>italics</i>	Emphasis and book titles.

Convention	Usage
monospace text	Code samples, commands and their options, Java classes, data types, directories, and file names and their extensions. Monospace text also indicates text that you enter from the keyboard. <i>Examples:</i> import java.util.Enumeration; chmod u+w * config/examples/applications .java config.xml float
<i>monospace</i> <i>italic</i> text	Variables in code. <i>Example:</i> String <i>CustomerName</i> ;
UPPERCASE TEXT	Device names, environment variables, and logical operators. <i>Examples:</i> LPT1 BEA_HOME OR
{ }	A set of choices in a syntax line.
[]	Optional items in a syntax line. <i>Example:</i> java utils.MulticastTest -n name -a address [-p portnumber] [-t timeout] [-s send]
	Separates mutually exclusive choices in a syntax line. <i>Example:</i> java weblogic.deploy [list deploy undeploy update] password {application} {source}
...	Indicates one of the following in a command line: <ul style="list-style-type: none"> ■ An argument can be repeated several times in the command line. ■ The statement omits additional optional arguments. ■ You can enter additional parameters, values, or other information

Convention	Usage
-------------------	--------------

- | | |
|---|--|
| . | Indicates the omission of items from a code example or from a syntax line. |
| . | |
| . | |
-



1 Overview of config.xml

The following sections provide an overview of the WebLogic Server™ configuration file (`config.xml`):

- “What Is the config.xml File?” on page 1-1
- “Editing the config.xml File” on page 1-2

What Is the config.xml File?

The `config.xml` file is an XML document that describes the configuration of an entire Weblogic Server domain. The `config.dtd` Document Type Definition (DTD) describes the content and structure of the `config.xml` file. The DTD describes the valid XML tags, the tag order, whether the tags are optional, the type of data contained within the tags, the tag attributes, the attribute values, and so on.

The `config.xml` file consists of a series of XML elements. The Domain element is the top-level element, and all elements in the Domain are children of the Domain element. The Domain element includes child elements, such as the Server, Cluster, and Application elements. These child elements may have children themselves.

For example, the Server element includes the child elements WebServer, SSL and Log. The Application element includes the child elements EJBComponent and WebAppComponent. The WebAppComponent element includes the child element WebServer. To see a list of all parent and children elements, see “config.xml Element Hierarchy Diagram” on page 3-2.

Each element has one or more configurable attributes. An attribute defined in `config.dtd` has a corresponding attribute in the configuration API. For example, the Server element has a ListenPort attribute, and likewise, the

`weblogic.management.configuration.ServerMBean` has a `ListenPort` attribute. Configurable attributes are readable and writable, that is, `ServerMBean` has a `getListenPort` and a `setListenPort` method.

When an attribute is another element (such as the `SSL` attribute of `Server`), the reference is defined by name. All elements have a `Name` attribute.

To view the complete `config.dtd` file, see “`config.dtd` File” on page 2-1.

Editing the config.xml File

BEA recommends that you use the Administration Console to modify or monitor a domain configuration. You can also modify the `config.xml` file in the following ways:

- The WebLogic Server Application Programmatic Interface (API) allows other programs to modify configuration attributes of resources in the domain.
- You can access the attributes of a domain with the WebLogic Server command-line utility. This utility allows you to create scripts to automate domain management.

Warning: Consider the following issues before you edit the configuration file manually:

Always save your `config.xml` file before editing it.

Do not edit the `config.xml` file for a domain when a domain is active. If you manually edit the configuration file while the domain is active, any changes you make are likely to be overwritten by the system. Furthermore, all manual changes you make while the domain is active are ignored by the system at run time.

Because no validation or value checking occur while or after you edit `config.xml` with the command-line utility, type-checking occurs when you load the edited configuration file for the first time, that is, when you restart the domain `Server`. At that point, any invalid XML or attribute value is detected and the domain fails to boot.

2 WebLogic Server Configuration DTD

This config.dtd file reads as follows.

config.dtd File

```
<!ELEMENT Domain (JTA?), (Security?), (Log?), (Server*), (Cluster*), (Machine*),
(UnixMachine*), (Application*), (FileRealm*), (NTRealm*), (UnixRealm*),
(JMSServer*), (JMSCConnectionFactory*), (JMSFileStore*), (JMSTemplate*),
(JMSJDBCStore*), (JDBCTxDataSource*), (XMLRegistry*), (StartupClass*),
(ShutdownClass*), (DomainLogFilter*), (VirtualHost*), (CachingRealm*),
(CustomRealm*), (LDAPRealm*), (RDBMSRealm*), (WLECConnectionPool*),
(JoltConnectionPool*), (XMLRegistryEntry*), (JMSFileStore*),
(JDBCConnectionPool*), (JDBCDataSource*), (JDBCMultiPool*), (FileT3*),
(MailSession*)>

<!ATTLIST Domain
  Active                (true|false)  'false'
  LastModificationTime CDATA          '0'
  Name                  CDATA          #REQUIRED
  Notes                 CDATA          #IMPLIED
  RootDirectory        CDATA          #IMPLIED
>

<!ELEMENT JTA >
<!ATTLIST JTA
  AbandonTimeoutSeconds CDATA          '86400'
  BeforeCompletionIterationLimit CDATA      '10'
```

```

ForgetHeuristics          (true|false) 'true'
MaxTransactions           CDATA          '10000'
MaxUniqueNameStatistics   CDATA          '1000'
Name                     CDATA          #REQUIRED
Notes                    CDATA          #IMPLIED
TimeoutSeconds           CDATA          '30'
>

<!ELEMENT Security (PasswordPolicy?)>
<!ATTLIST Security
  AuditProviderClassName CDATA          #IMPLIED
  GuestDisabled          (true|false) 'true'
  Name                   CDATA          #REQUIRED
  Notes                  CDATA          #IMPLIED
  Realm                  CDATA          #IMPLIED
  SystemUser             CDATA          'system'
>

<!ELEMENT PasswordPolicy >
<!ATTLIST PasswordPolicy
  LockoutCacheSize       CDATA          '5'
  LockoutDuration        CDATA          '30'
  LockoutEnabled         (true|false) 'true'
  LockoutGCThreshold     CDATA          '400'
  LockoutResetDuration   CDATA          '5'
  LockoutThreshold       CDATA          '5'
  MinimumPasswordLength CDATA          '8'
  Name                   CDATA          #REQUIRED
  Notes                  CDATA          #IMPLIED
>

<!ELEMENT Log >
<!ATTLIST Log
  FileCount              CDATA          '7'
  FileMinSize            CDATA          '500'
  FileName               CDATA          'weblogic.log'
  FileTimeSpan           CDATA          '24'
  Name                   CDATA          #REQUIRED
  Notes                  CDATA          #IMPLIED
  NumberOfFilesLimited   (true|false) 'false'
  RotationType           (bySize|byTime|none) 'none'
>

<!ELEMENT Server (Log?), (SSL?), (WebServer?)>
<!ATTLIST Server
  AdministrationPort     CDATA          '0'

```


Cluster	CDATA	#IMPLIED
ClusterRuntime	CDATA	#IMPLIED
ClusterWeight	CDATA	'100'
DefaultIIOPPassword	CDATA	'guest'
DefaultIIOPUser	CDATA	'guest'
DefaultProtocol	(t3 t3s http https iioop)	't3'
DefaultSecureProtocol	(t3s https)	't3s'
DomainLogFilter	CDATA	#IMPLIED
EnabledForDomainLog	(true false)	'true'
ExpectedToRun	(true false)	'true'
ExtraRmicOptions	CDATA	#IMPLIED
HelpPageURL	CDATA	'/docs/adminhelp/'
HttpdEnabled	(true false)	'true'
IIOPEnabled	(true false)	'true'
InstrumentStackTraceEnabled	(true false)	'false'
JDBCLogFileNames	CDATA	#IMPLIED
JDBCLoggingEnabled	(true false)	'false'
JMSDefaultConnectionFactoryEnabled	(true false)	'true'
JNDITransportableObjectFactoryList	CDATA	#IMPLIED
JavaCompiler	CDATA	'javac'
JavaCompilerPostClassPath	CDATA	#IMPLIED
JavaCompilerPreClassPath	CDATA	#IMPLIED
ListenAddress	CDATA	#IMPLIED
ListenPort	CDATA	'7001'
LogRemoteExceptionsEnabled	(true false)	'false'
LoginTimeout	CDATA	'1000'
LoginTimeoutMillis	CDATA	'5000'
Machine	CDATA	#IMPLIED
Name	CDATA	#REQUIRED
NativeIOEnabled	(true false)	'true'
Notes	CDATA	#IMPLIED
PreferredSecondaryGroup	CDATA	#IMPLIED
ReplicationGroup	CDATA	#IMPLIED
ReverseDNSAllowed	(true false)	'false'
RootDirectory	CDATA	'.'
StdoutDebugEnabled	(true false)	'false'
StdoutEnabled	(true false)	'true'
StdoutSeverityLevel	(64 32 16 8 4 2 1)	'16'
ThreadPoolPercentSocketReaders	CDATA	'33'
ThreadPoolSize	CDATA	'15'
TransactionLogFilePrefix	CDATA	'./'
TunnelingClientPingSecs	CDATA	'45'
TunnelingClientTimeoutSecs	CDATA	'40'
TunnelingEnabled	(true false)	'false'
ValidProtocols	CDATA	#IMPLIED
WorkspaceShowUserKeysOnly	(true false)	'false'
XMLRegistry	CDATA	#IMPLIED
ZACEnabled	(true false)	'true'
ZACPublishRoot	CDATA	'exports'

```

>

<!ELEMENT SSL >
<!ATTLIST SSL
  CertAuthenticator          CDATA          #IMPLIED
  CertificateCacheSize       CDATA          '3'
  Ciphersuites               CDATA          #IMPLIED
  ClientCertificateEnforced (true|false) 'false'
  Enabled                    (true|false) 'false'
  ExportKeyLifespan          CDATA          '500'
  HandlerEnabled             (true|false) 'true'
  KeyEncrypted               (true|false) 'false'
  ListenPort                 CDATA          '7002'
  LoginTimeoutMillis         CDATA          '25000'
  Name                       CDATA          #REQUIRED
  Notes                      CDATA          #IMPLIED
  PeerValidationEnforced    CDATA          '0'
  ServerCertificateChainFileName CDATA          'server-certchain.pem'
  ServerCertificateFileName  CDATA          'server-cert.der'
  ServerKeyFileName          CDATA          'server-key.der'
  TrustedCAFileName         CDATA          'trusted-ca.pem'
  UseJava                    (true|false) 'true'

```

```

>

<!ELEMENT WebServer >
<!ATTLIST WebServer
  Charsets                   CDATA          #IMPLIED
  ClusteringEnabled          (true|false) 'false'
  DefaultWebApp              CDATA          #IMPLIED
  HttpsKeepAliveSecs         CDATA          '60'
  KeepAliveEnabled           (true|false) 'true'
  KeepAliveSecs              CDATA          '30'
  LogFileBufferKBytes        CDATA          '8'
  LogFileFlushSecs          CDATA          '60'
  LogFileFormat              (common|extended) 'common'
  LogFileName                CDATA          'access.log'
  LogRotationPeriodMins      CDATA          '2147483647'
  LogRotationTimeBegin       CDATA          #IMPLIED
  LogRotationType            (size|date)     'size'
  LoggingEnabled             (true|false)  'true'
  MaxLogFileSizeKBytes       CDATA          '0'
  MaxPostSize                CDATA          '-1'
  MaxPostTimeSecs           CDATA          '-1'
  Name                       CDATA          #REQUIRED
  Notes                      CDATA          #IMPLIED
  PostTimeoutSecs           CDATA          '0'
  Targets                    CDATA          #IMPLIED

```

```

URLResource          CDATA          #IMPLIED
WAPEnabled           (true|false)    'false'
>

<!ELEMENT Cluster >
<!ATTLIST Cluster
  ClusterAddress      CDATA          #IMPLIED
  DefaultLoadAlgorithm (round-robin|weight-based|random) 'round-robin'
  MulticastAddress    CDATA          #IMPLIED
  MulticastSendDelay  CDATA          '12'
  MulticastTTL        CDATA          '1'
  Name                CDATA          #REQUIRED
  Notes               CDATA          #IMPLIED
  Servers             CDATA          #IMPLIED
>

<!ELEMENT Machine >
<!ATTLIST Machine
  Addresses CDATA #IMPLIED
  Name      CDATA #REQUIRED
  Notes     CDATA #IMPLIED
  StartdPort CDATA '0'
>

<!ELEMENT UnixMachine >
<!ATTLIST UnixMachine
  Addresses CDATA #IMPLIED
  Name      CDATA #REQUIRED
  Notes     CDATA #IMPLIED
  PostBindGID CDATA 'nobody'
  PostBindGIDEnabled (true|false) 'false'
  PostBindUID CDATA 'nobody'
  PostBindUIDEnabled (true|false) 'false'
  StartdPort CDATA '0'
>

<!ELEMENT Application (EJBComponent*), (WebAppComponent*)>
<!ATTLIST Application
  Deployed (true|false) 'true'
  Name     CDATA #REQUIRED
  Notes    CDATA #IMPLIED
  Path     CDATA #IMPLIED
>

```

```

<!ELEMENT EJBComponent >
<!ATTLIST EJBComponent
  Application          CDATA          #IMPLIED
  ExtraRmicOptions    CDATA          #IMPLIED
  JavaCompiler        CDATA          #IMPLIED
  JavaCompilerPostClassPath CDATA          #IMPLIED
  JavaCompilerPreClassPath CDATA          #IMPLIED
  KeepGenerated       (true|false)  'true'
  Name                CDATA          #REQUIRED
  Notes               CDATA          #IMPLIED
  Targets             CDATA          #IMPLIED
  TmpPath             CDATA          'tmp_ejb'
>

<!ELEMENT WebAppComponent (WebServer*)>
<!ATTLIST WebAppComponent
  Application          CDATA          #IMPLIED
  AuthRealmName       CDATA          'weblogic'
  IndexDirectoryEnabled (true|false) 'true'
  Name                CDATA          #REQUIRED
  Notes               CDATA          #IMPLIED
  ServletExtensionCaseSensitive (true|false) 'false'
  ServletReloadCheckSecs CDATA          '1'
  SessionMonitoringEnabled (true|false) 'false'
  SingleThreadedServletPoolSize CDATA          '5'
  Targets             CDATA          #IMPLIED
>

<!ELEMENT FileRealm >
<!ATTLIST FileRealm
  MaxACLs    CDATA  '1000'
  MaxGroups  CDATA  '1000'
  MaxUsers   CDATA  '1000'
  Name       CDATA  #REQUIRED
  Notes     CDATA  #IMPLIED
>

<!ELEMENT NTRealm >
<!ATTLIST NTRealm
  Name       CDATA  #REQUIRED
  Notes     CDATA  #IMPLIED
  PrimaryDomain CDATA  #IMPLIED
  RealmClassName CDATA  #IMPLIED
>

```

```

<!ELEMENT UnixRealm >
<!ATTLIST UnixRealm
  AuthProgram    CDATA    'wlauth'
  Name           CDATA    #REQUIRED
  Notes         CDATA    #IMPLIED
  RealmClassName CDATA    #IMPLIED
>

<!ELEMENT JMSSEServer (JMSSessionPool*), (JMSTopic*), (JMSQueue*)>
<!ATTLIST JMSSEServer
  BytesMaximum      CDATA    '-1'
  BytesThresholdHigh CDATA    '-1'
  BytesThresholdLow  CDATA    '-1'
  MessagesMaximum   CDATA    '-1'
  MessagesThresholdHigh CDATA    '-1'
  MessagesThresholdLow CDATA    '-1'
  Name              CDATA    #REQUIRED
  Notes            CDATA    #IMPLIED
  Store            CDATA    #IMPLIED
  Targets          CDATA    #IMPLIED
  TemporaryTemplate CDATA    #IMPLIED
>

<!ELEMENT JMSSessionPool (JMSConnectionConsumer*)>
<!ATTLIST JMSSessionPool
  AcknowledgeMode (Auto|Client|Dups Ok|None) 'Auto'
  ConnectionFactory CDATA                    #IMPLIED
  ListenerClass    CDATA                    #REQUIRED
  Name             CDATA                    #REQUIRED
  Notes           CDATA                    #IMPLIED
  SessionsMaximum CDATA                    '-1'
  Transacted      (true|false)             'false'
>

<!ELEMENT JMSConnectionConsumer >
<!ATTLIST JMSConnectionConsumer
  Destination    CDATA    #REQUIRED
  MessagesMaximum CDATA    '-1'
  Name           CDATA    #REQUIRED
  Notes         CDATA    #IMPLIED
  Selector      CDATA    #IMPLIED
>

<!ELEMENT JMSTopic (JMSDestinationKey*)>
<!ATTLIST JMSTopic
  BytesMaximum      CDATA    '-1'

```

```

BytesThresholdHigh    CDATA                '-1'
BytesThresholdLow     CDATA                '-1'
DeliveryModeOverride  ( | Persistent | Non-Persistent) #IMPLIED
Destinations          CDATA                #IMPLIED
JNDIName              CDATA                #IMPLIED
MessagesMaximum       CDATA                '-1'
MessagesThresholdHigh CDATA                '-1'
MessagesThresholdLow  CDATA                '-1'
MulticastAddress      CDATA                #REQUIRED
MulticastPort         CDATA                '6001'
MulticastTTL          CDATA                '1'
Name                  CDATA                #REQUIRED
Notes                 CDATA                #IMPLIED
PriorityOverride       CDATA                '-1'
StoreEnabled          ( false | true | default) 'default'
Template              CDATA                #IMPLIED
TimeToLiveOverride    CDATA                '-1'
>

<!ELEMENT JMSDestinationKey >
<!ATTLIST JMSDestinationKey
  Direction (Ascending|Descending)      'Ascending'
  KeyType   (Boolean|Byte|Short|Int|Long|Float|Double|String) 'String'
  Name      CDATA                #REQUIRED
  Notes     CDATA                #IMPLIED
  Property  CDATA                #REQUIRED
>

<!ELEMENT JMSQueue (JMSDestinationKey*)>
<!ATTLIST JMSQueue
  BytesMaximum       CDATA                '-1'
  BytesThresholdHigh CDATA                '-1'
  BytesThresholdLow  CDATA                '-1'
  DeliveryModeOverride  ( | Persistent | Non-Persistent) #IMPLIED
  Destinations        CDATA                #IMPLIED
  JNDIName            CDATA                #IMPLIED
  MessagesMaximum     CDATA                '-1'
  MessagesThresholdHigh CDATA                '-1'
  MessagesThresholdLow  CDATA                '-1'
  Name                CDATA                #REQUIRED
  Notes               CDATA                #IMPLIED
  PriorityOverride     CDATA                '-1'
  StoreEnabled        ( false | true | default) 'default'
  Template            CDATA                #IMPLIED
  TimeToLiveOverride  CDATA                '-1'
>

```

```

<!ELEMENT JMSConnectionFactory >
<!ATTLIST JMSConnectionFactory
  AllowCloseInOnMessage (true|false)          'false'
  ClientId                CDATA                #IMPLIED
  DefaultDeliveryMode     (Persistent|Non-Persistent) 'Persistent'
  DefaultPriority          CDATA                '4'
  DefaultTimeToLive       CDATA                '0'
  JNDIName                CDATA                #REQUIRED
  MessagesMaximum         CDATA                '10'
  Name                    CDATA                #REQUIRED
  Notes                   CDATA                #IMPLIED
  OverrunPolicy           (KeepOld|KeepNew)     'KeepOld'
  Targets                 CDATA                #IMPLIED
  TransactionTimeout      CDATA                '3600'
  UserTransactionsEnabled (true|false)         'false'
>

<!ELEMENT JMSFileStore >
<!ATTLIST JMSFileStore
  Directory CDATA #REQUIRED
  Name      CDATA #REQUIRED
  Notes     CDATA #IMPLIED
>

<!ELEMENT JMSTemplate (JMSDestinationKey*), (JMSTopic*), (JMSQueue*)>
<!ATTLIST JMSTemplate
  BytesMaximum          CDATA          '-1'
  BytesThresholdHigh   CDATA          '-1'
  BytesThresholdLow    CDATA          '-1'
  DeliveryModeOverride (|Persistent|Non-Persistent) #IMPLIED
  MessagesMaximum      CDATA          '-1'
  MessagesThresholdHigh CDATA          '-1'
  MessagesThresholdLow CDATA          '-1'
  Name                 CDATA          #REQUIRED
  Notes                CDATA          #IMPLIED
  PriorityOverride      CDATA          '-1'
  TimeToLiveOverride   CDATA          '-1'
>

<!ELEMENT JMSJDBCStore >
<!ATTLIST JMSJDBCStore
  ConnectionPool CDATA #REQUIRED
  Name           CDATA #REQUIRED
  Notes          CDATA #IMPLIED
  PrefixName     CDATA #IMPLIED

```

```

>

<!ELEMENT JDBCTxDataSource >
<!ATTLIST JDBCTxDataSource
  EnableTwoPhaseCommit (true|false) 'false'
  JNDIName              CDATA          #IMPLIED
  Name                  CDATA          #REQUIRED
  Notes                 CDATA          #IMPLIED
  PoolName              CDATA          #IMPLIED
  Targets               CDATA          #IMPLIED
>

<!ELEMENT XMLRegistry (XMLRegistryEntry*)>
<!ATTLIST XMLRegistry
  DocumentBuilderFactory CDATA
  'weblogic.apache.xerces.jaxp.DocumentBuilderFactoryImpl'
  Name                  CDATA          #REQUIRED
  Notes                 CDATA          #IMPLIED
  SAXParserFactory     CDATA          'weblogic.apache.xerces.jaxp.SAXParserFactoryImpl'
>

<!ELEMENT XMLRegistryEntry >
<!ATTLIST XMLRegistryEntry
  DocumentBuilderFactory CDATA          #IMPLIED
  EntityPath            CDATA          #IMPLIED
  Name                  CDATA          #REQUIRED
  Notes                 CDATA          #IMPLIED
  ParserClassName       CDATA          #IMPLIED
  PublicId              CDATA          #IMPLIED
  RootElementTag        CDATA          #IMPLIED
  SAXParserFactory      CDATA          #IMPLIED
  SystemId              CDATA          #IMPLIED
>

<!ELEMENT StartupClass >
<!ATTLIST StartupClass
  Arguments             CDATA          #IMPLIED
  ClassName             CDATA          #REQUIRED
  FailureIsFatal       (true|false) 'false'
  Name                  CDATA          #REQUIRED
  Notes                 CDATA          #IMPLIED
  Targets              CDATA          #IMPLIED
>

```



```

<!ELEMENT ShutdownClass >
<!ATTLIST ShutdownClass
  Arguments CDATA #IMPLIED
  ClassName CDATA #REQUIRED
  Name      CDATA #REQUIRED
  Notes     CDATA #IMPLIED
  Targets   CDATA #IMPLIED
>

<!ELEMENT DomainLogFilter >
<!ATTLIST DomainLogFilter
  Name          CDATA #REQUIRED
  Notes         CDATA #IMPLIED
  SeverityLevel (64|32|16|8|4|2|1) '16'
  SubsystemNames CDATA #IMPLIED
  UserIds       CDATA #IMPLIED
>

<!ELEMENT VirtualHost >
<!ATTLIST VirtualHost
  Charsets          CDATA #IMPLIED
  ClusteringEnabled (true|false) 'false'
  DefaultWebApp     CDATA #IMPLIED
  HttpsKeepAliveSecs CDATA '60'
  KeepAliveEnabled  (true|false) 'true'
  KeepAliveSecs     CDATA '30'
  LogFileBufferKBytes CDATA '8'
  LogFileFlushSecs CDATA '60'
  LogFileFormat     (common|extended) 'common'
  LogFileName       CDATA 'access.log'
  LogRotationPeriodMins CDATA '2147483647'
  LogRotationTimeBegin CDATA #IMPLIED
  LogRotationType   (size|date) 'size'
  LoggingEnabled    (true|false) 'true'
  MaxLogFileSizeKBytes CDATA '0'
  MaxPostSize       CDATA '-1'
  MaxPostTimeSecs   CDATA '-1'
  Name              CDATA #REQUIRED
  Notes             CDATA #IMPLIED
  PostTimeoutSecs   CDATA '0'
  Targets           CDATA #IMPLIED
  URLResource       CDATA #IMPLIED
  VirtualHostNames  CDATA #IMPLIED
  WAPEnabled        (true|false) 'false'
>

```

```

<!ELEMENT CachingRealm >
<!ATTLIST CachingRealm
  ACLCacheEnable      (true|false) 'true'
  ACLCacheSize        CDATA         '211'
  ACLCacheTTLNegative CDATA         '10'
  ACLCacheTTLPositive CDATA         '60'
  AuthenticationCacheEnable (true|false) 'true'
  AuthenticationCacheSize CDATA         '211'
  AuthenticationCacheTTLNegative CDATA         '10'
  AuthenticationCacheTTLPositive CDATA         '60'
  BasicRealm          CDATA         #REQUIRED
  CacheCaseSensitive  (true|false) 'true'
  GroupCacheEnable    (true|false) 'true'
  GroupCacheSize      CDATA         '211'
  GroupCacheTTLNegative CDATA         '10'
  GroupCacheTTLPositive CDATA         '60'
  GroupMembershipCacheTTL CDATA         '300'
  Name                CDATA         #REQUIRED
  Notes               CDATA         #IMPLIED
  PermissionCacheEnable (true|false) 'true'
  PermissionCacheSize CDATA         '211'
  PermissionCacheTTLNegative CDATA         '10'
  PermissionCacheTTLPositive CDATA         '60'
  UserCacheEnable      (true|false) 'true'
  UserCacheSize        CDATA         '211'
  UserCacheTTLNegative CDATA         '10'
  UserCacheTTLPositive CDATA         '60'
>

<!ELEMENT CustomRealm >
<!ATTLIST CustomRealm
  ConfigurationData CDATA #IMPLIED
  Name              CDATA #REQUIRED
  Notes             CDATA #IMPLIED
  RealmClassName    CDATA #IMPLIED
>

<!ELEMENT LDAPRealm >
<!ATTLIST LDAPRealm
  AuthProtocol      (none|simple|CRAM-MD5) 'none'
  Credential        CDATA                 #IMPLIED
  GroupDN           CDATA                 #IMPLIED
  GroupIsContext    (true|false)         'true'
  GroupNameAttribute CDATA                 'cn'
  GroupUsernameAttribute CDATA             'member'
  LDAPURL           CDATA                 'ldap://ldapserver:389'
  LdapProvider      CDATA                 'com.sun.jndi.ldap.LdapCtxFactory'

```

```

Name                CDATA                #REQUIRED
Notes               CDATA                #IMPLIED
Principal           CDATA                #IMPLIED
RealmClassName      CDATA                #IMPLIED
SSLEnable           ( true|false)       'false'
UserAuthentication  ( bind|external|local) 'bind'
UserDN              CDATA                #IMPLIED
UserNameAttribute   CDATA                #IMPLIED
UserPasswordAttribute CDATA                'userpassword'
>

<!ELEMENT RDBMSRealm >
<!ATTLIST RDBMSRealm
  DatabaseDriver    CDATA    'COM.cloudscape.core.JDBCdriver'
  DatabasePassword  CDATA    #IMPLIED
  DatabaseURL        CDATA    jdbc:cloudscape:demo;create<CharHardReturn
DatabaseUserName   CDATA    #IMPLIED
  Name              CDATA    #REQUIRED
  Notes             CDATA    #IMPLIED
  RealmClassName    CDATA    'examples.security.rdbmsrealm.RDBMSRealm'
  SchemaProperties  CDATA    #IMPLIED
>

<!ELEMENT WLECCConnectionPool >
<!ATTLIST WLECCConnectionPool
  ApplicationPassword    CDATA    #IMPLIED
  CertificateAuthenticationEnabled ( true|false) 'false'
  FailoverAddresses      CDATA    #IMPLIED
  MaximumEncryptionLevel CDATA    '0'
  MaximumPoolSize        CDATA    '1'
  MinimumEncryptionLevel CDATA    '0'
  MinimumPoolSize        CDATA    '1'
  Name                   CDATA    #REQUIRED
  Notes                  CDATA    #IMPLIED
  PrimaryAddresses       CDATA    #IMPLIED
  SecurityContextEnabled ( true|false) 'false'
  Targets                 CDATA    #IMPLIED
  UserName                CDATA    #IMPLIED
  UserPassword            CDATA    #IMPLIED
  UserRole                 CDATA    #IMPLIED
  WLEDomain               CDATA    #IMPLIED
>

<!ELEMENT JoltConnectionPool >
<!ATTLIST JoltConnectionPool
  ApplicationPassword    CDATA    #IMPLIED

```

```

FailoverAddresses      CDATA      #IMPLIED
MaximumPoolSize       CDATA      '1'
MinimumPoolSize       CDATA      '0'
Name                   CDATA      #REQUIRED
Notes                  CDATA      #IMPLIED
PrimaryAddresses      CDATA      #IMPLIED
RecvTimeout           CDATA      '0'
SecurityContextEnabled (true|false) 'false'
Targets                CDATA      #IMPLIED
UserName               CDATA      #IMPLIED
UserPassword           CDATA      #IMPLIED
UserRole               CDATA      #IMPLIED
>

<!ELEMENT JDBCConnectionPool >
<!ATTLIST JDBCConnectionPool
  ACLName      CDATA      #IMPLIED
  CapacityIncrement CDATA      '0'
  DriverName   CDATA      #IMPLIED
  InitialCapacity CDATA      '0'
  LoginDelaySeconds CDATA      '0'
  MaxCapacity  CDATA      '1'
  Name         CDATA      #REQUIRED
  Notes        CDATA      #IMPLIED
  Properties   CDATA      #IMPLIED
  RefreshMinutes CDATA      '0'
  ShrinkPeriodMinutes CDATA      '15'
  ShrinkingEnabled (true|false) 'true'
  SupportsLocalTransaction (true|false) 'false'
  Targets        CDATA      #IMPLIED
  TestConnectionsOnRelease (true|false) 'false'
  TestConnectionsOnReserve (true|false) 'false'
  TestTableName  CDATA      #IMPLIED
  URL            CDATA      #IMPLIED
>

<!ELEMENT JDBCDataSource >
<!ATTLIST JDBCDataSource
  JNDIName CDATA #IMPLIED
  Name     CDATA #REQUIRED
  Notes    CDATA #IMPLIED
  PoolName CDATA #IMPLIED
  Targets  CDATA #IMPLIED
>

```

```
<!ELEMENT JDBCMultiPool >
<!ATTLIST JDBCMultiPool
  ACLName      CDATA      #IMPLIED
  HighAvail    (true|false) 'false'
  LoadBalance  (true|false) 'false'
  Name         CDATA      #REQUIRED
  Notes        CDATA      #IMPLIED
  PoolList     CDATA      #IMPLIED
  Targets      CDATA      #IMPLIED
>
```

```
<!ELEMENT FileT3 >
<!ATTLIST FileT3
  Name      CDATA #REQUIRED
  Notes     CDATA #IMPLIED
  Path      CDATA #IMPLIED
  Targets   CDATA #IMPLIED
>
```

```
<!ELEMENT MailSession >
<!ATTLIST MailSession
  JNDIName    CDATA #IMPLIED
  Name        CDATA #REQUIRED
  Notes       CDATA #IMPLIED
  Properties  CDATA #IMPLIED
  Targets     CDATA #IMPLIED
>
```

3 config.xml Elements and Attributes

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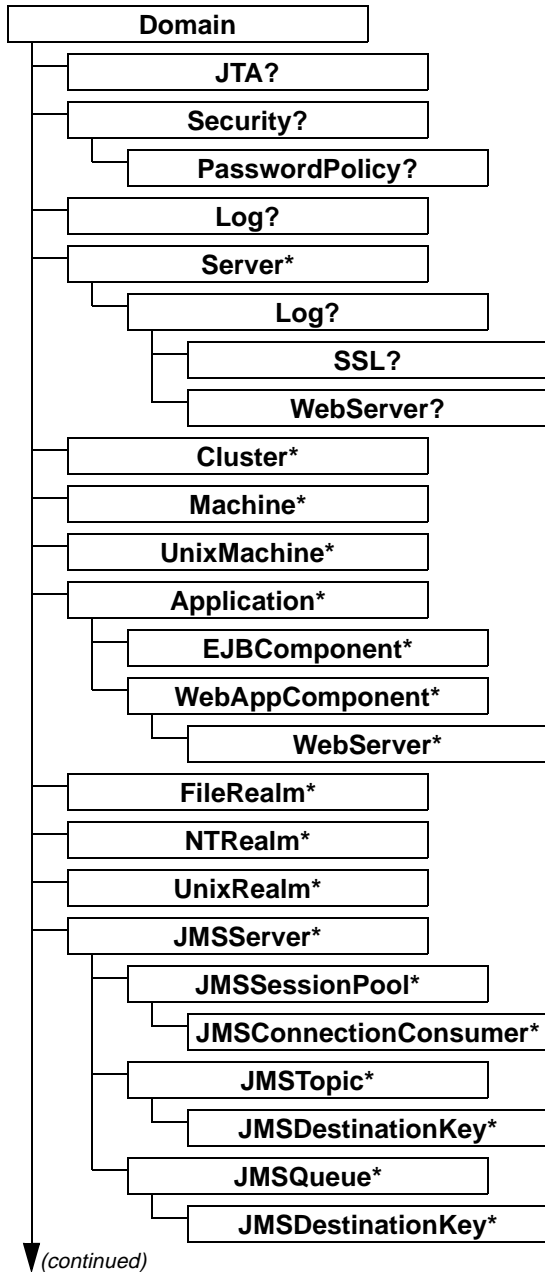
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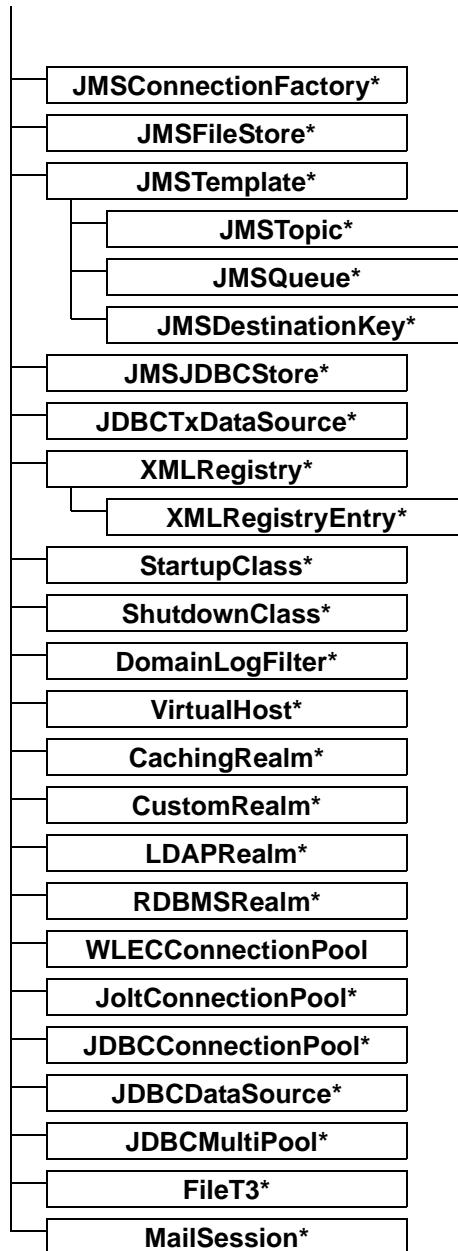
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config.xml Element Hierarchy Diagram

The `config.xml` file consists of a series of XML elements. The `Domain` element is the top-level element, and all elements in the `Domain` are children of the `Domain` element. Child elements may have children themselves. For example, the `Security` element contains the `PasswordPolicy` child element, and the `Server` element contains the `Log`, `SSL`, and `WebServer` child elements, as shown in the following diagram.

The characters following the element names in the diagram indicate the possible occurrence of the children elements in the `Domain` element: + (one or more), * (zero or more), or ? (zero or one time).





Element Attribute Descriptions

The following sections describe the attributes that you can configure for each element shown in the preceding diagram.

Domain

Attribute	Description	weblogic.properties Property Name
Active	Is this domain active? Range of values: Default value:	
LastModificationTime	The last time this domain was updated. Guaranteed to be unique for a given transactional modification. Range of values: Default value:	
Name	The name of the MBean. Range of values: String The name can be up to 256 alphanumeric characters, but may not contain commas or spaces. Default value: mydomain	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
RootDirectory	The root directory for the domain, relative to the administration server. Range of values: Default value:	

JTA

Attribute	Description	weblogic.properties Property Name
AbandonTimeoutSeconds	The transaction abandon timeout in seconds. Range of values: Integer Default value: 86400	
BeforeCompletionIteration Limit	The maximum number of cycles the transaction manager will perform the beforeCompletion synchronization callback among registered objects. Range of values: Integer Default value: 10	
ForgetHeuristics	Indicates whether the transaction manager will automatically perform an XAResource forget operation for transaction heuristic completions. Range of values: True, selected; False, not selected. Default value: True	
MaxTransactions	The maximum number of simultaneous in progress transactions allowed on a server. Range of values: Integer Default value: 10000	
MaxUniqueNameStatistics	The maximum number of unique transaction names for which statistics will be maintained. Range of values: Integer Default value: 1000	
Name	The name of the MBean. Range of values: String Default value: N/A	

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
TimeoutSeconds	The transaction timeout in seconds. Range of values: Integer Default value:	

Security

Attribute	Description	weblogic.properties Property Name:
AuditProviderClassName	Range of values: Default value:	weblogic.security.audit.provider
GuestDisabled	Sets whether or not guest logins are disabled. Range of values: Default value:	weblogic.security.disableGuest
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
Realm	Range of values: Default value:	
SystemUser	The name of the system user. Range of values: Default value:	weblogic.system.user

PasswordPolicy

Attribute	Description	weblogic.properties Property Name
LockoutCacheSize	Range of values: Default value:	
LockoutDuration	Number of minutes that a user's account will be locked after Lockout threshold number of invalid login attempts have taken place within the LockoutRestDuration time period. Range of values: Default value:	
LockoutEnabled	Range of values: Default value:	
LockoutGCThreshold	Range of values: Default value:	
LockoutResetDuration	Number of minutes within which the invalid login attempts must happen in order for the user's account to be locked. Range of values: Default value:	
LockoutThreshold	Range of values: Default value:	
MinimumPasswordLength	The minimum length of any password, domain-wide. Range of values: Default value:	

Attribute	Description	weblogic.properties Property Name
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	

Log

Attribute	Description	weblogic.properties Property Name
FileCount	Range of values: Default value:	
FileMinSize	Range of values: Default value:	<code>weblogic.system.maxLog FileSize</code>
FileName	The log file name. If the file path is not absolute, the path is assumed to be relative to the root directory of the machine on which the server is running. Range of values: String Default value:	<code>weblogic.system.logFile</code>
FileTimeSpan	Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
NumberOfFilesLimited	Range of values: Boolean Enabled=selected; Not enabled=not selected. Default value: Not selected	

Attribute	Description	weblogic.properties Property Name
RotationType	The rotation type for this log file. Range of values: Integer Default value: 7	

Server

Attribute	Description	weblogic.properties Property Name
AdministrationPort	Range of values: Valid administration port. Default value:	weblogic.system.Admini- strationPort
Cluster	The cluster to which this server belongs. Range of values: Default value:	
ClusterRuntime	Returns an Mbean containing runtime information about the cluster that was started from this configuration Mbean. Returns null if no such cluster exists. Range of values: Default value:	
ClusterWeight	The cluster weight (percent) for this server. Range of values: Integer Default value: 100	
DefaultIIOPPassword	The password for the default IIOP user. Range of values: Default value:	weblogic.iiop.password
DefaultIIOPUser	The default IIOP user. Range of values: Default value:	weblogic.iiop.user
DefaultProtocol	The protocol to be used for connections when none is specified. Range of values: Default value:	weblogic.system.defaul- tProtocol

Attribute	Description	weblogic.properties Property Name
DefaultSecureProtocol	The protocol to be used for secure connections when none is specified. Range of values: Default value:	weblogic.system.defaultSecureProtocol
DomainLogFilter	Range of values: Default value:	
EnabledForDomainLog	Range of values: Default value:	
ExpectedToRun	Is this server expected to run if the domain is started? Range of values: Default value:	
ExtraRmicOptions	The extra options passed to RMIC during server-side generation. Range of values: Default value:	
HelpPageURL	Range of values: Default value:	weblogic.system.helpPageURL
HttpdEnabled	Range of values: Default value:	weblogic.httpd.enable
IIOPEnabled	Sets whether or not IIOP support is enabled. Range of values: Default value:	weblogic.system.enableIIOP

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
InstrumentStackTraceEnabled	Range of values: Default value:	
JDBCLogFileName	Range of values: Default value:	weblogic.jdbc.logFileName
JDBCLoggingEnabled	Sets whether or not logging of JDBC log stream is enabled. Range of values: Default value:	weblogic.jdbc.enableLogFile
JMSDefaultConnectionFactoryEnabled	Range of values: Default value:	
JNDITransportableObjectFactoryList	Range of values: Default value:	weblogic.jndi.transportableObjectFactories
JavaCompiler	Range of values: Default value:	
JavaCompilerPostClassPath	Range of values: Default value:	
JavaCompilerPreClassPath	Range of values: Default value:	
ListenAddress	Range of values: Default value:	weblogic.system.bindAddr

Attribute	Description	weblogic.properties Property Name
ListenPort	The server's listen port. Range of values: Default value:	
LogRemoteExceptionsEnabled	Sets whether remote exceptions are to be reported to the log. Range of values: Default value:	
LoginTimeout	The login timeout for the server. Range of values: Default value:	
LoginTimeoutMillis	The interval to wait for a read to fail on login; 0 to disable. Range of values: Default value:	weblogic.system.readTimeOutMillis
Machine	The machine on which this server is meant to run. If the server is already running, this will migrate the server to a different machine. If the machine is the same as the machine is the server is already running on, this is a no-op. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
NativeIOEnabled	Sets whether or not native I/O should be enabled. See also "Using WebLogic Server Performance Packs" at http://e-docs.bea.com/wls/docs60/perform/WLSTuning.html#wlstuning-PerformPacks .	weblogic.system.nativeIO.enable

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PreferredSecondaryGroup	The preferred replication group for the server's secondaries. Range of values: Default value:	
ReplicationGroup	The server's replication group. Range of values: Default value:	
ReverseDNSAllowed	Returns whether or not the kernel is allowed to perform reverse DNS lookups. Range of values: Default value:	<code>weblogic.system.enableReverseDNSLookups</code>
RootDirectory	The root directory for the weblogic installation for this server. Range of values: Default value:	<code>weblogic.system.home</code>
StdoutDebugEnabled	Allows verbose display of server activity. If <code>StdoutDebugEnabled="true"</code> , <code>StdoutEnabled="true"</code> , and <code>StdoutSeverityLevel="64"</code> (INFO), all messages that would normally go to <code>weblogic.log</code> go to the screen where you started up WebLogic Server. Range of values: true or false Default: false	

Attribute	Description	weblogic.properties Property Name
StdoutEnabled	<p>Determines if log messages should be logged to the standard out stream. Overrides StdoutSeverityLevel and StdoutDebugEnabled.</p> <p>Range of values: true or false</p> <p>Default: true</p>	weblogic.system.enable Console
StdoutSeverityLevel	<p>The minimum severity of a message that should be logged to the stand output device stream. All messages with given severity and higher, qualify.</p> <ul style="list-style-type: none"> ■ 64 (INFO) ■ 32 (WARNING) ■ 16 (ERROR) ■ 8 (NOTICE) ■ 4 (CRITICAL) ■ 2 (ALERT) ■ 1 (EMERGENCY) <p>Note: The lower the number, the higher the severity.</p> <p>See also StdoutDebugEnabled and StdoutEnabled.</p> <p>Range of values: 64, 32, 16, 8, 4, 2, 1</p> <p>Default: 16</p>	
ThreadPoolPercentSocket Readers	<p>The percentage (1-99) of execute threads that may be used as socket readers.</p> <p>Represents a negative int.</p> <p>Range of values:</p> <p>Default value:</p>	weblogic.system.percen tSocketReaders
ThreadPoolSize	<p>The size of the execute thread pool size.</p> <p>Represents a negative int.</p> <p>Range of values:</p> <p>Default value:</p>	weblogic.system.execut eThreadCount

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
TransactionLogFilePrefix	Range of values: Default value:	
TunnelingClientPingSecs	Interval (in seconds) at which to ping an http-tunneled client to see if it is still alive. Range of values: Default value:	<code>weblogic.httpd.tunneling.clientPingSecs</code>
TunnelingClientTimeoutSecs	Duration (in seconds) after which a missing http-tunneled client is considered dead. Range of values: Default value:	<code>weblogic.httpd.tunneling.clientTimeoutSecs</code>
TunnelingEnabled	Enables tunneling via http. Range of values: Default value:	<code>weblogic.httpd.tunnelingenabled</code>
ValidProtocols	The collections of protocols supported by this kernel. The result is a map that maps strings to strings. The key is the protocol name and the value is the protocol description. This collection includes both secure and insecure protocols. Range of values: Default value:	
WorkspaceShowUserKeysOnly	Controls whether user-inserted items are shown in the WebLogic console. Range of values: Default value:	<code>weblogic.workspace.showUserKeysOnly</code>
XMLRegistry	Return the XML Registry for the server. Range of values: Default value:	

Attribute	Description	weblogic.properties Property Name
ZACEnabled	Sets whether or not the Zero Admin Client (ZAC) feature is enabled. Range of values: Default value:	weblogic.zac.enable
ZACPublishRoot	The root (storage) directory on WebLogic for ZAC packages. Range of values: Default value:	weblogic.zac.publishRo otProp

SSL

Attribute	Description	weblogic.properties Property Name
CertAuthenticator	Range of values: Default value:	weblogic.security.realm.certAuthenticator
CertificateCacheSize	The number of certificates held that have not been redeemed by tokens. Range of values: Default value:	weblogic.security.certificateCacheSize
Ciphersuites	String. List of possible values: <ul style="list-style-type: none">■ SSL_NULL_WITH_NULL_NULL■ SSL_RSA_WITH_NULL_SHA■ SSL_RSA_EXPORT_WITH_RC4_40_MD5■ SSL_RSA_WITH_RC4_128_MD5■ SSL_RSA_WITH_RC4_128_SHA■ SSL_RSA_EXPORT_WITH_DES_40_CBC_SHA■ SSL_RSA_WITH_DES_CBC_SHA■ SSL_RSA_WITH_3DES_EDE_CBC_SHA■ SSL_DH_anon_EXPORT_WITH_RC4_40_MD5■ SSL_DH_anon_WITH_RC4_128_MD5■ SSL_DH_anon_EXPORT_WITH_DES_40_CBC_SHA■ SSL_DH_anon_WITH_DES_CBC_SHA■ SSL_DH_anon_WITH_3DES_EDE_CBC_SHA If not specified, the default is SSL_RSA_EXPORT_WITH_RC4_40_MD5 Range of values: Default value:	

Attribute	Description	weblogic.properties Property Name
ClientCertificateEnforced	Range of values: Default value:	weblogic.security.enforceClientCert
Enabled	Sets whether or not SSL usage is enabled for the server. Range of values: Default value:	weblogic.security.ssl.enable
ExportKeyLifespan	Range of values: Default value:	weblogic.security.key.export.lifespan
HandlerEnabled	Sets whether or not to enable server-to-server SSL connections. Range of values: Default value:	weblogic.security.SSLHandler.enable
KeyEncrypted	If true, the key is PKCS8 encrypted and requires a pass phrase to be supplied to use the key. If false, the key is an unencrypted private key and may be used without providing a pass phrase. Range of values: Default value:	
ListenPort	The TCP port at which the WebLogic Server listens for SSL connection requests. Range of values: Default value:	weblogic.system.SSLListenPort
LoginTimeoutMillis	Duration allowed for a login sequence. If the duration is exceeded, the login is timed out. 0 to disable. Range of values: Default value:	weblogic.login.readTimeoutMillisSSL

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PeerValidationEnforced	Range of values: Default value:	
ServerCertificateChainFileName	Range of values: String Default value:	weblogic.httpd.logFile FlushSecs
ServerCertificateFileName	Range of values: String Default value:	weblogic.security.cert ificate.server
ServerKeyFileName	File containing SSL server encryption key. Range of values: String Default value:	weblogic.security.key. server
TrustedCAFileName	The name of the file containing the SSL certificate authority for clients. Range of values: String Default value:	weblogic.security.clie ntRootCA
UseJava	Range of values: Default value:	weblogic.system.SSL.us eJava

WebServer

Attribute	Description	weblogic.properties Property Name
Charsets	User-defined mapping between internet and Java charset names. Range of values: Default value:	weblogic.httpd.charset s
ClusteringEnabled	Enables HTTP clustering. Range of values: Default value:	weblogic.httpd.cluster ing.enable
DefaultWebApp	Range of values: Default value:	weblogic.httpd.default WebApp
HttpsKeepAliveSecs	Number of seconds to maintain HTTPS keep-alive before timing out the request. Range of values: Default value:	weblogic.httpd.https.k eepAliveSecs
KeepAliveEnabled	Range of values: Default value:	weblogic.httpd.keepAli ve.enable
KeepAliveSecs	Number of seconds to maintain HTTP keep-alive before timing out the request. Range of values: Default value:	weblogic.httpd.http.ke epAliveSecs
LogFileBufferKBytes	Range of values: Default value:	weblogic.httpd.logFile BufferKBytes

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
LogFileFlushSecs	Frequency (seconds) with which the log file should be flushed. Range of values: Default value:	weblogic.httpd.logFileFlushSecs
LogFileFormat	The format of the HTTP log file, common or extended. Range of values: Default value:	weblogic.httpd.logFileFormat
LogFileName	The HTTP request log file. Range of values: Default value:	weblogic.httpd.logFileName
LogRotationPeriodMins	Range of values: Default value:	weblogic.httpd.logRotationPeriodMins
LogRotationTimeBegin	Range of values: Default value:	weblogic.httpd.logRotationPeriodMins */
LogRotationType	Range of values: Default value:	weblogic.httpd.logRotationType
LoggingEnabled	Range of values: Default value:	weblogic.httpd.enableLogFile
MaxLogFileSizeKBytes	Range of values: Default value:	weblogic.httpd.maxLogFileSizeKBytes
MaxPostSize	Range of values: Default value:	

Attribute	Description	weblogic.properties Property Name
MaxPostTimeSecs	Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PostTimeoutSecs	Timeout (in seconds) for reading HTTP POST data in a servlet request. Range of values: Default value:	weblogic.httpd.postTime outSecs
Targets	Returns targets on which this deployment is deployed. Range of values: Default value:	
URLResource	Range of values: Default value:	weblogic.httpd.URLReso urce
WAPEnabled	Range of values: Default value:	

Cluster

Attribute	Description	weblogic.properties Property Name
ClusterAddress	<p>The address to be used by clients to connect to this cluster. This address may be either a DNS host name that maps to multiple IP addresses or a comma separated list of single address host names or IP addresses.</p> <p>Range of values: This address may be either a DNS host name that maps to multiple IP addresses or a comma separated list of single address host names or IP addresses.</p> <p>Default value: Null</p>	
DefaultLoadAlgorithm	<p>The algorithm by which the load is distributed. When the last server has been assigned a transaction, the load comes back to the starting server.</p> <p>Range of values: Round Robin, Weight-based Round Robin, Random, and Parameter-based Routing</p> <p>Default value: Round Robin</p>	<code>weblogic.cluster.defaultLoadAlgorithm</code>
MulticastAddress	<p>The multicast address used by cluster members to communicate with each other. Well-formed IP address.</p> <p>Range of values:</p> <p>Default value:</p>	<code>weblogic.cluster.multicastAddress</code>
MulticastSendDelay	<p>The number of milliseconds to delay sending message fragments over multicast.</p> <p>Range of values: Integer</p> <p>Default value: 12</p>	

Attribute	Description	weblogic.properties Property Name
MulticastTTL	The number of network hops that a cluster multicast message is allowed to travel. Range of values: Integer. Minimum value is 1 and the maximum value is 255, inclusive. 1 restricts the cluster to one subnet. Default value: 1	weblogic.cluster.multicastTTL
Name	The name of the MBean. Range of values: String The cluster name can be up to 256 alphanumeric characters, but may not contain commas or spaces. Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
Servers	The servers that have declared membership in this cluster. Range of values: List Default value: Null	

Machine

Attribute	Description	weblogic.properties Property Name
Addresses	The addresses by which the machine is known. Range of values: Default value:	

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
StartdPort	The port number that the <code>startd</code> is configured to run on this machine. Range of values: Default value:	

UnixMachine

This element represents a machine that is running the UNIX operating system. It extends MachineMBean with properties specific to the UNIX platform.

For more information about how to use the Administration Console to set the attributes for configuring and managing machines, see the [UnixMachine Console help at http://e-docs.bea.com/wls/docs60/ConsoleHelp/unixmachine.html](http://e-docs.bea.com/wls/docs60/ConsoleHelp/unixmachine.html).

Attribute	Description	weblogic.properties Property Name
Addresses	The addresses by which the machine is known. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PostBindGID	The UNIX GID a server running on this machine will run under after it has carried out all privileged startup actions. Range of values: Unix GID or null Default value: null	weblogic.system.nonPri vGroup

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
PostBindGIDEnabled	This attribute allows the user to enable or disable the post-bind GID. Range of values: Boolean True = Selected False = Not Selected Default value: Not Selected	weblogic.system.enableSetGID
PostBindUID	The UNIX UID a server running on this machine will run under after it has carried out all privileged startup actions. Range of values: Unix UID or null Default value: null	weblogic.system.nonPrivUser
PostBindUIDEnabled	This attribute allows the user to enable or disable the post-bind UID. Range of values: Boolean True = Selected False = Not Selected Default value: Not Selected	weblogic.system.enableSetUID
StartdPort	The port number that the <code>startd</code> is configured to run on this machine. Range of values: Default value:	

Application

Attribute	Description	weblogic.properties Property Name
Deployed	Deploy or undeploy the entire application. All of the application's components will be deployed or undeployed on their respective roles. Setting deployed to be true on an application that is already deployed is a no-op. Likewise, setting deployed to be false on an application that is not deployed is a no-op. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
Path	The path pointing to the application's EAR file, relative to the Administration Server's file system. Range of values: Default value:	

EJBComponent

Attribute	Description	weblogic.properties Property Name
Application	The name of the application this component is a part of. This is guaranteed to never be null. Range of values: Default value:	
ExtraRmicOptions	The extra options passed to rmic during server-side generation. The default value for this attribute must be null. If no ExtraRmicOptions are specified on the EJBComponent, the default will be pulled from Server.ExtraRmicOptions. Range of values: Default value:	
JavaCompiler	The path to the Java compiler (such as “sj” or “javac”) to use to compile EJBs. If no Java Compiler is specified on the EJBComponent, the default will be pulled from Server.JavaCompiler. Range of values: Default value: Null	
JavaCompilerPostClassPath	Range of values: Default value:	
JavaCompilerPreClassPath	The options to prepend to the Java compiler classpath when compiling Java code. Range of values: Default value:	

Attribute	Description	weblogic.properties Property Name
KeepGenerated	Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
Targets	The targets on which this deployment is deployed. Range of values: Default value:	
TmpPath	The temporary directory where generated files are stored by ejbc. Range of values: Default value:	

WebAppComponent

Attribute	Description	weblogic.properties Property Name
Application	The application this component is a part of. This is guaranteed to never be null. Range of values: Default value:	
AuthRealmName	Range of values: Default value:	weblogic.httpd.authRealmName
IndexDirectoryEnabled	Return whether or not to automatically generate an HTML directory listing if no suitable index file is found. Range of values: Default value:	weblogic.httpd.indexDirectories
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
ServletExtensionCaseSensitive	Range of values: Default value:	weblogic.httpd.servlet.extensionCaseSensitive
ServletReloadCheckSecs	Range of values: Default value:	weblogic.httpd.servlet.reloadCheckSecs

Attribute	Description	weblogic.properties Property Name
SessionMonitoringEnabled	If true, runtime Mbeans will be created for sessions, otherwise, they will not. Range of values: Default value:	
SingleThreadedServletPoolSize	Range of values: Default value:	weblogic.httpd.servlet. .SingleThreadedModelPoolSize */
Targets	The targets on which this deployment is deployed. Range of values: Default value:	

FileRealm

Attribute	Description	weblogic.properties Property Name
MaxACLs	The maximum number of (positive) ACLs that the file-based provider supports. Range of values: Default value:	
MaxGroups	The maximum number of groups that the file-based provider supports. Range of values: Default value:	
MaxUsers	The maximum number of users that the file-based provider supports. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	

NTRealm

Attribute	Description	weblogic.properties Property Name
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PrimaryDomain	The Windows NT Primary Domain Controller where users and groups are defined for the domain. You can set the property to "." if the local computer (where the WebLogic Server executes) is the Primary Domain Controller. Range of values: Default value:	weblogic.security.ntrealm.domain
RealmClassName	The realm's java class name. Typically, this class name is hard-coded in a custom Mbean implementation of a specific realm's Mbean interface that extends this interface. Range of values: Default value:	

UnixRealm

Attribute	Description	weblogic.properties Property Name
AuthProgram	The Authentication program path. The authentication program must run setuid root. If the program name is <code>wlauth</code> and is in the path of weblogic server, leave this property blank. If the program name is different than <code>wlauth</code> , or if it is not in the path, specify this property. Range of values: Default value: Null	<code>weblogic.security.unixrealm.authProgram</code>
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
RealmClassName	The realm's java class name. Typically, this class name is hard-coded in a custom Mbean implementation of a specific realm's Mbean interface which extends this interface. Range of values: Default value:	

JMSServer

Attribute	Description	weblogic.properties Property Name
BytesMaximum	<p>The maximum number of bytes that can be stored in the JMS Server at any one time. A value of zero means there is no limit.</p> <p>Range of values:</p> <p>Default value:</p>	
BytesThresholdHigh	<p>Range of values:</p> <p>Default value:</p>	
BytesThresholdLow	<p>If there is a threshold condition and the number of bytes stored in the JMS Server drops below this value, then the condition is cleared and an event is generated.</p> <p>Range of values:</p> <p>Default value:</p>	
MessagesMaximum	<p>Range of values:</p> <p>Default value:</p>	
MessagesThresholdHigh	<p>The value of MessagesThresholdHigh. If there is no threshold condition and the number of messages stored in the JMS Server exceeds this value, then the condition is set and an event is generated.</p> <p>Range of values:</p> <p>Default value:</p>	

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
MessagesThresholdLow	<p>The value of MessagesThresholdLow. If there is a threshold condition and the number of messages stored in the JMS Server drops below this value, then the condition is cleared and an event is generated.</p> <p>Range of values: Default value:</p>	
Name	<p>The name of the MBean.</p> <p>Range of values: String Default value: N/A</p>	
Notes	<p>Optional user-supplied information about this configuration MBean.</p> <p>Range of values: alphanumeric string Default value: Null</p>	
Store	<p>The backing store for the JMS server. A backing store may only be used by one JMS server.</p> <p>Range of values: Default value:</p>	
Targets	<p>Returns targets on which this deployment is deployed.</p> <p>Range of values: Default value:</p>	
TemporaryTemplate	<p>The temporary template that is used to create all temporary destinations on this JMS Server. The attributes for the temporary destinations are derived from the template. If no temporary template is defined for the JMS server, then temporary destinations receive the default values for destinations.</p> <p>Range of values: Default value:</p>	

JMSSessionPool

Attribute	Description	weblogic.properties Property Name
AcknowledgeMode		
ConnectionFactory	The JNDI name of the connection factory for the session pool. Range of values: Default value:	
ListenerClass	The listener class of the SessionPool. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
SessionsMaximum	The maximum number of sessions allowed for the SessionPool. Range of values: Default value:	
Transacted	The SessionPool to be transacted or non-transacted. Range of values: Default value:	

JMSConnectionConsumer

Attribute	Description	weblogic.properties Property Name
Destination	The JNDI name of the destination for this connection consumer. Range of values: Default value:	
MessagesMaximum	The maximum number of messages that the connection consumer may load at one time into a ServerSessions session. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
Selector	The defined selector of the connection consumer. Range of values: Default value:	

JMSTopic

Attribute	Description	weblogic.properties Property Name
BytesMaximum	Range of values: Default value:	
BytesThresholdHigh	The value of bytesThresholdHigh. If there is no threshold condition and the number of bytes stored in the destination exceeds this value, then the condition is set and an event is generated. Range of values: Default value:	
BytesThresholdLow	The value of BytesThresholdLow. If there is a threshold condition and the number of bytes stored in the destination drops below this value, then the condition is cleared and an event is generated. Range of values: Default value:	
DeliveryModeOverride	Range of values: Default value:	
Destinations	A read-only array of the Destinations for the template. Range of values: Default value:	
JNDIName	The JNDI name of a destination. Range of values: Default value:	

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
MessagesMaximum	<p>The value of MessagesMaximum. This is the maximum number of messages that can be stored in the destination at any one time. A value of zero means there is no limit.</p> <p>Range of values:</p> <p>Default value:</p>	
MessagesThresholdHigh	<p>Range of values:</p> <p>Default value:</p>	
MessagesThresholdLow	<p>The value of messagesThresholdLow. If there is a threshold condition and the number of messages stored in the destination drops below this value, then the condition is cleared and an event is generated.</p> <p>Range of values:</p> <p>Default value:</p>	
MulticastAddress	<p>The multicast address used by the destination well-formed IP address.</p> <p>Range of values: The valid range of multicast addresses is from 224.0.0.1 to 239.255.255.255</p> <p>Default value:</p>	
MulticastPort	<p>The multicast port for the destination.</p> <p>Range of values:</p> <p>Default value:</p>	
MulticastTTL	<p>The number of network hops that a multicast message is allowed to travel.</p> <p>Range of values: The minimum value is 1 and the maximum value is 255, inclusive. 1 restricts the message to one subnet.</p> <p>Default value:</p>	

Attribute	Description	weblogic.properties Property Name
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PriorityOverride	Range of values: Default value:	
StoreEnabled	Range of values: Default value:	
Template	The template for this destination. Range of values: Default value:	
TimeToLiveOverride	Range of values: Default value:	

JMSDestinationKey

Attribute	Description	weblogic.properties Property Name
Direction	Range of values: Default value:	
KeyType	Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
Property	The property name for this key. Range of values: Default value:	

JMSQueue

Attribute	Description	weblogic.properties Property Name
BytesMaximum	Range of values: Default value:	
BytesThresholdHigh	The value of bytesThresholdHigh. If there is no threshold condition and the number of bytes stored in the destination exceeds this value, then the condition is set and an event is generated. Range of values: Default value:	
BytesThresholdLow	The value of bytesThresholdLow. If there is a threshold condition and the number of bytes stored in the destination drops below this value, then the condition is cleared and an event is generated. Range of values: Default value:	
DeliveryModeOverride	Range of values: Default value:	
Destinations	A read-only array of the Destinations for the template. Range of values: Default value:	
JNDIName	The JNDI name of a destination. Range of values: Default value:	

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
MessagesMaximum	The maximum number of messages that can be stored in the destination at any one time. A value of zero means there is no limit. Range of values: Default value:	
MessagesThresholdHigh	 Range of values: Default value:	
MessagesThresholdLow	If there is a threshold condition and the number of messages stored in the destination drops below this value, then the condition is cleared and an event is generated. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PriorityOverride	 Range of values: Default value:	
StoreEnabled	 Range of values: Default value:	
Template	The template for this destination. Range of values: Default value:	

Attribute	Description	weblogic.properties Property Name
TimeToLiveOverride	Range of values: Default value:	

JMSConnectionFactory

Attribute	Description	weblogic.properties Property Name
AllowCloseInOnMessage	Range of values: Default value:	weblogic.jms.ConnectionFactoryArgs
ClientId	The client ID for a durable subscriber. Range of values: Default value:	weblogic.jms.ConnectionFactoryArgs
DefaultDeliveryMode	Range of values: Default value:	weblogic.jms.ConnectionFactoryArgs
DefaultPriority	Range of values: Default value:	
DefaultTimeToLive	Range of values: Default value:	
JNDIName	The JNDI name of the JMS ConnectionFactory. Range of values: Default value:	weblogic.jms.ConnectionFactoryName
MessagesMaximum	Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	

Attribute	Description	weblogic.properties Property Name
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
OverrunPolicy	Range of values: Default value:	
Targets	Returns targets on which this deployment is deployed. Range of values: Default value:	
TransactionTimeout	Range of values: Default value:	weblogic.jms.ConnectionFactoryArgs
UserTransactionsEnabled	Range of values: Default value:	weblogic.jms.ConnectionFactoryArgs

JMSFileStore

Attribute	Description	weblogic.properties Property Name
Directory	Sets directory for file-based store. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	

JMSTemplate

Attribute	Description	weblogic.properties Property Name
BytesMaximum	Range of values: Default value:	
BytesThresholdHigh	The value of bytesThresholdHigh. If there is no threshold condition and the number of bytes stored in the destination exceeds this value, then the condition is set and an event is generated. Range of values: Default value:	

Attribute	Description	weblogic.properties Property Name
BytesThresholdLow	<p>The value of bytesThresholdLow. If there is a threshold condition and the number of bytes stored in the destination drops below this value, then the condition is cleared and an event is generated.</p> <p>Range of values:</p> <p>Default value:</p>	
DeliveryModeOverride	<p>Range of values:</p> <p>Default value:</p>	
MessagesMaximum	<p>The value of messagesMaximum. This is the maximum number of messages that can be stored in the destination at any one time. A value of zero means there is no limit.</p> <p>Range of values:</p> <p>Default value:</p>	
MessagesThresholdHigh	<p>Range of values:</p> <p>Default value:</p>	
MessagesThresholdLow	<p>The value of messagesThresholdLow. If there is a threshold condition and the number of messages stored in the destination drops below this value, then the condition is cleared and an event is generated.</p> <p>Range of values:</p> <p>Default value:</p>	
Name	<p>The name of the MBean.</p> <p>Range of values: String</p> <p>Default value: N/A</p>	

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PriorityOverride	Range of values: Default value:	
TimeToLiveOverride	Range of values: Default value:	

JMSJDBCStore

Attribute	Description	weblogic.properties Property Name
ConnectionPool	The JDBC Connection Pool for this backing store. Range of values: Default value:	weblogic.jms.connectionPool
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PrefixName	The prefix name of JMS tables in this backing store. Range of values: Default value:	weblogic.jms.tableNamePrefix

JDBCTxDataSource

Attribute	Description	weblogic.properties Property Name
EnableTwoPhaseCommit	Range of values: Default value:	

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
JNDIName	Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PoolName	Range of values: Default value:	
Targets	Returns targets on which this deployment is deployed. Range of values: Default value:	

XMLRegistry

Attribute	Description	weblogic.properties Property Name
DocumentBuilderFactory	The class name of the default Document Builder Factory. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
SAXParserFactory	The class name of the default SAX Parser Factory. Range of values: Default value:	

XMLRegistryEntry

Attribute	Description	weblogic.properties Property Name
DocumentBuilderFactory	The class name of the DocumentBuilderFactory that is associated with the registry entry. Range of values: Default value:	

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
EntityPath	The path name to a local copy of an external entity (such as, a DTD) that is associated with this registry entry. This pathname is relative to one of the XML registry directories of the installation. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
ParserClassName	The class name of any custom XML parser that is associated with the registry entry. Range of values: Default value:	
PublicId	The public ID of the document type represented by this registry entry. Range of values: Default value:	
RootElementTag	The tag name of the document root element of the document type represented by this registry entry. Range of values: Default value:	
SAXParserFactory	Sets a SAXParserFactory that is associated with the registry entry. Range of values: Default value:	

Attribute	Description	weblogic.properties Property Name
SystemId	The system ID of the document type represented by this registry entry. Range of values: Default value:	

StartupClass

Attribute	Description	weblogic.properties Property Name
Arguments	Range of values: Default value:	
ClassName	Range of values: Default value:	
FailureIsFatal	Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
Targets	Returns targets on which this deployment is deployed. Range of values: Default value:	

ShutdownClass

Attribute	Description	weblogic.properties Property Name
Arguments	Range of values: Default value:	
ClassName	Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
Targets	Returns targets on which this deployment is deployed. Range of values: Default value:	

DomainLogFilter

Attribute	Description	weblogic.properties Property Name
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
SeverityLevel	The minimum severity of a message which qualifies this filter. All messages with given severity and higher, qualify. The ascending order of severities is: <ol style="list-style-type: none">1. INFO2. WARNING3. ERROR4. NOTICE5. CRITICAL6. ALERT7. EMERGENCY For numeric values refer to weblogic.logging.Severities. Range of values: Default value:	
SubsystemNames	If none are specified, messages from all subsystems qualify. Range of values: Default value:	

Attribute	Description	weblogic.properties Property Name
UserIds	If no IDs are specified, messages from all user IDs qualify. Range of values: Default value:	

VirtualHost

Attribute	Description	weblogic.properties Property Name
Charsets	Range of values: Default value:	weblogic.httpd.charsets
ClusteringEnabled	Range of values: Default value:	weblogic.httpd.clustering.enable
DefaultWebApp	Range of values: Default value:	weblogic.httpd.defaultWebApp
HttpsKeepAliveSecs	Range of values: Default value:	weblogic.httpd.https.keepAliveSecs
KeepAliveEnabled	Returns whether or not HTTP keep-alive is enabled. Range of values: Default value:	weblogic.httpd.keepAlive.enable
KeepAliveSecs	Range of values: Default value:	weblogic.httpd.http.keepAliveSecs
LogFileBufferKBytes	Sets HTTP request log buffer size. Range of values: Default value:	weblogic.httpd.logFileBufferKBytes
LogFileFlushSecs	Frequency (seconds) with which the log file should be flushed. Range of values: Integer Default value:	weblogic.httpd.logFileFlushSecs

Attribute	Description	weblogic.properties Property Name
LogFileFormat	The format of the HTTP log file, common or extended. Range of values: Default value:	weblogic.httpd.logFile Format
LogFileName	The HTTP request log file Range of values: Default value:.	weblogic.httpd.logFile Name
LogRotationPeriodMins	Range of values: Default value:	weblogic.httpd.logRota tionPeriodMins
LogRotationTimeBegin	Range of values: Default value:	weblogic.httpd.logRota tionPeriodMins */
LogRotationType	Range of values: Default value:	weblogic.httpd.logRota tionType
LoggingEnabled	Range of values: Default value:	weblogic.httpd.enableL ogFile
MaxLogFileSizeKBytes	Range of values: Default value:	weblogic.httpd.maxLogF ileSizeKBytes
MaxPostSize	Range of values: Default value:	
MaxPostTimeSecs	Range of values: Default value:	

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
Name	The name of the MBean. Range of values: String Default value: Null	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PostTimeoutSecs	Timeout (in seconds) for reading HTTP POST data in a servlet request. Range of values: Integer Default value:	weblogic.httpd.postTimeoutSecs
Targets	The targets on which this deployment is deployed. Range of values: Default value:	
URLResource	Range of values: Default value:	weblogic.httpd.URLResource
VirtualHostNames	The host name for which this web server will serve requests. Range of values: Default value:	
WAPEnabled	Range of values: Default value:	

CachingRealm

Attribute	Description	weblogic.properties Property Name
ACLCacheEnable	Range of values: Default value:	weblogic.security.realm.cache.acl.enable
ACLCacheSize	Range of values: Default value:	weblogic.security.realm.cache.acl.size
ACLCacheTTLNegative	Range of values: Default value:	weblogic.security.realm.cache.acl.ttl.negative
ACLCacheTTLPositive	ACL positive time-to-live in seconds. Range of values: Default value:	weblogic.security.realm.cache.acl.ttl.positive
AuthenticationCacheEnable	Range of values: Default value:	weblogic.security.realm.cache.auth.enable
AuthenticationCacheSize	Range of values: Default value:	weblogic.security.realm.cache.auth.size
AuthenticationCacheTTLNegative	Authentication negative time-to-live in seconds. Range of values: Default value:	weblogic.security.realm.cache.auth.ttl.negative
AuthenticationCacheTTLPositive	Range of values: Default value:	weblogic.security.realm.cache.auth.ttl.positive

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Attribute	Description	weblogic.properties Property Name
BasicRealm	Range of values: Default value:	
CacheCaseSensitive	Range of values: Default value:	weblogic.security.realm.cache.caseSensitive
GroupCacheEnable	Range of values: Default value:	weblogic.security.realm.cache.group.enable
GroupCacheSize	Range of values: Default value:	weblogic.security.realm.cache.group.size
GroupCacheTTLNegative	Range of values: Default value:	weblogic.security.realm.cache.group.ttl.negative
GroupCacheTTLPositive	Range of values: Default value:	weblogic.security.realm.cache.group.ttl.positive
GroupMembershipCacheTTL	Group membership cache time-to-live in seconds. Range of values: Default value:	weblogic.security.groupCacheTTL
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	

Attribute	Description	weblogic.properties Property Name
PermissionCacheEnable	Set to true if permission cache is enabled. Range of values: Default value:	weblogic.security.realm.cache.perm.enable
PermissionCacheSize	Range of values: Default value:	weblogic.security.realm.cache.perm.size
PermissionCacheTTLNegative	Range of values: Default value:	weblogic.security.realm.cache.perm.ttl.negative
PermissionCacheTTLPositive	Range of values: Default value:	weblogic.security.realm.cache.perm.ttl.positive
UserCacheEnable	Set to true if user cache is enabled. Range of values: Default value:	weblogic.security.realm.cache.user.enable
UserCacheSize	Range of values: Default value:	weblogic.security.realm.cache.user.size
UserCacheTTLNegative	Range of values: Default value:	weblogic.security.realm.cache.user.ttl.negative
UserCacheTTLPositive	Range of values: Default value:	weblogic.security.realm.cache.user.ttl.positive

CustomRealm

Attribute	Description	weblogic.properties Property Name
ConfigurationData	Generic placeholder for the custom realm's configuration data. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A Range of values: Default value:	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
RealmClassName	Range of values: Default value:	

LDAPRealm

Attribute	Description	weblogic.properties Property Name
AuthProtocol	Set the authentication protocol to simple for simple password authentication, CRAM-MD5 for a secure handshake authentication protocol, or none for no authentication. Netscape Directory Server supports CRAM-MD5. Microsoft Site Server and Novell NDS support simple. Range of values: Default value:	weblogic.security.ldap realm.authentication
Credential	Range of values: Default value:	weblogic.security.ldap realm.credential
GroupDN	Set this property to the list of attributes that, when combined with the attribute named in the GroupNameAttribute property, uniquely identifies an individual. Range of values: Default value:	weblogic.security.ldap realm.groupDN
GroupIsContext	Specifies how group membership is recorded in the LDAP server. Set to true if each group entry contains one user. Set to false if there is one group entry containing an attribute for each group member. Range of values: Default value:	weblogic.security.ldap realm.groupIsContext
GroupNameAttribute	Set this property to the attribute that identifies the name of a group. It is usually the common name. Range of values: Default value:	weblogic.security.ldap realm.groupNameAttribute

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
GroupUsernameAttribute	Set this property to the name of the attribute that contains a group member in a group entry. Range of values: Default value:	weblogic.security.ldap realm.groupUsernameAtt ribute
LDAPURL	The URL for the LDAP server. Range of values: Default value:	weblogic.security.ldap realm.url
LdapProvider	Range of values: Default value:	weblogic.security.ldap realm.factory
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
Principal	Range of values: Default value:	weblogic.security.ldap realm.principal
RealmClassName	The realm's java class name. Typically, this class name is hard-coded in a custom Mbean implementation of a specific realm's Mbean interface which extends this interface. Range of values: Default value:	
SSLEnable	Range of values: Default value:	weblogic.security.ldap realm.ssl

Attribute	Description	weblogic.properties Property Name
UserAuthentication	Range of values: Default value:	weblogic.security.ldap realm.userAuthenticati on
UserDN	Range of values: Default value:	weblogic.security.ldap realm.userDN
UserNameAttribute	Range of values: Default value:	weblogic.security.ldap realm.userNameAttribut e
UserPasswordAttribute	If the userAuthenitcationProperty is set to “local”, then this property is used to find out which property in the LDAP user objects contains the user’s password. Range of values: Default value:	weblogic.security.ldap realm.userPasswordAttr ibute

RDBMSRealm

Attribute	Description	weblogic.properties Property Name
DatabaseDriver	Range of values: Default value:	
DatabasePassword	The database password required for login. Range of values: Default value:	
DatabaseURL	Range of values: Default value:	
DatabaseUserName	Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
RealmClassName	The realm's java class name. Range of values: Default value:	
SchemaProperties	Specifies the schema properties for manipulating the database. Range of values: Default value:	

WLECConnectionPool

Attribute	Description	weblogic.properties Property Name
ApplicationPassword	Range of values: Default value:	
CertificateAuthenticationEnabled	Set to true to enable certificate-based authentication. Range of values: Default value:	
FailoverAddresses	The list of failover ISL addresses. Range of values: Default value:	
MaximumEncryptionLevel	Maximum encryption level. Range of values: Default value:	
MaximumPoolSize	Range of values: Default value:	
MinimumEncryptionLevel	Minimum encryption level. Range of values: Default value:	
MinimumPoolSize	Initial number of IIOP connections. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PrimaryAddresses	The list of primary ISL addresses. Range of values: Default value:	
SecurityContextEnabled	Range of values: Default value:	
Targets	The targets on which this deployment is deployed. Range of values: Default value:	
UserName	Range of values: Default value:	
UserPassword	Password for the username user. Range of values: Default value:	
UserRole	WebLogic Enterprise user role. Range of values: Default value:	
WLEDomain	Range of values: Default value:	

JoltConnectionPool

Attribute	Description	weblogic.properties Property Name
ApplicationPassword	Range of values: Default value:	
FailoverAddresses	The list of failover JSL addresses. Range of values: Default value:	
MaximumPoolSize	Range of values: Default value:	
MinimumPoolSize	Initial number of JCP connections. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PrimaryAddresses	The list of primary JSL addresses. Range of values: Default value:	
RecvTimeout	Range of values: Default value:	

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
SecurityContextEnabled	Range of values: Default value:	
Targets	The targets on which this deployment is deployed. Range of values: Default value:	
UserName	Range of values: Default value:	
UserPassword	Password for the username user. Range of values: Default value:	
UserRole	Range of values: Default value:	

JDBCConnectionPool

Attribute	Description	weblogic.properties Property Name
ACLName	Range of values: Default value:	
CapacityIncrement	Range of values: Default value:	
DriverName	Range of values: Default value:	
InitialCapacity	Range of values: Default value:	
LoginDelaySeconds	The number of second to delay between logins when creating the pool. Range of values: Default value:	
MaxCapacity	The maximum number of connections. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	

3 *config.xml Elements and Attributes*

Attribute	Description	weblogic.properties Property Name
Properties	The list of properties passed to the driver. Range of values: Default value:	
RefreshMinutes	Range of values: Default value:	
ShrinkPeriodMinutes	Range of values: Default value:	
ShrinkingEnabled	Range of values: Default value:	
SupportsLocalTransaction	Applies to XA connection pools only, and is ignored for non-XA driver. Whether the XA driver supports SQL with no global transaction. Range of values: Default value:	
Targets	The targets on which this deployment is deployed. Range of values: Default value:	
TestConnectionsOnRelease	Range of values: Default value:	
TestConnectionsOnReserve	Range of values: Default value:	

Attribute	Description	weblogic.properties Property Name
TestTableName	Range of values: Default value:	
URL	The database connection URL. Range of values: Default value:	

JDBCDataSource

Attribute	Description	weblogic.properties Property Name
JNDIName	Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PoolName	Range of values: Default value:	
Targets	The targets on which this deployment is deployed. Range of values: Default value:	

JDBCMultiPool

Attribute	Description	weblogic.properties Property Name
ACLName	The ACL list for this meta pool. Range of values: Default value:	
HighAvail	Whether high availability is used in this meta pool. Range of values: Default value:	
LoadBalance	Sets load balancing for this meta pool. Range of values: Default value:	
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
PoolList	Defines the connection pools in the meta pool. Range of values: Default value:	
Targets	The targets on which this deployment is deployed. Range of values: Default value:	

FileT3

Attribute	Description	weblogic.properties Property Name
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
Path	The File T3 path. Range of values: Default value:	
Targets	The targets on which this deployment is deployed. Range of values: Default value:	

MailSession

Attribute	Description	weblogic.properties Property Name
JNDIName	Range of values: Default value:	

Attribute	Description	weblogic.properties Property Name
Name	The name of the MBean. Range of values: String Default value: N/A	
Notes	Optional user-supplied information about this configuration MBean. Range of values: alphanumeric string Default value: Null	
Properties	Range of values: Default value:	
Targets	The targets on which this deployment is deployed. Range of values: Default value:	

4 WebLogic Properties Mapping

The `weblogic.properties` file is no longer supported. Earlier releases of WebLogic Server provided a `weblogic.properties` file for configuring applications. In WebLogic Server 6.0, configuration of applications is handled through XML descriptor files and the Administration Console.

For details about converting a `weblogic.properties` file from an earlier version of WebLogic Server to the appropriate XML descriptor files, see the *Release Notes* at <http://e-docs.bea.com/wls/docs60/notes/migrate.html>.

The [weblogic.properties Mapping Table](http://e-docs.bea.com/wls/docs60/notes/migrate.html#PropertiesMapping) in the *Release Notes* at <http://e-docs.bea.com/wls/docs60/notes/migrate.html#PropertiesMapping> shows which WebLogic Server 6.0 attribute handles the function formerly performed by which `weblogic.properties` property, and the associated Administration Console label.

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