BEA WebLogic Server

Configuration Reference

BEA WebLogic Server 6.1
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BEA WebLogic Server Configuration Reference Guide

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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 provides guidelines for editing the configuration file.
- Chapter 2, “config.xml Elements and Attributes,” describes the `config.xml` elements and attributes.
- The Index provides links to all element and attribute names.

Audience

This document is written for Server administrators and application developers. It is assumed that readers know the WebLogic Server platform, XML, and Java programming. Administrators may wish to configure some aspect of the operation of the WebLogic Server in their production environment. A GUI interface, known as the Server Console, also allows for configuration tasks. However, in some instances, it might be expedient to modify the configuration file, `config.xml`, directly in order to achieve a desired impact. This document describes the XML elements and their associated attributes which exist or could exist in a production instance of the config.xml file.

Note: Modification of the `config.xml` file impacts the operation of the WebLogic Server in the customer’s environment.

e-docs Web Site

BEA product documentation, including all documentation for the WebLogic Server, is available on the BEA corporate Web site. From the BEA Home page, click on Product Documentation.

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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.

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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.
italics	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.
	Examples:
	`import java.util.Enumeration;`
	`chmod u+w *`
	`config/examples/applications`
	`.java`
	`config.xml`
	`float`

`monospace italic text`	Variables in code. *Example*: `String CustomerName;`
UPPERCASE TEXT	Device names, environment variables, and logical operators. *Examples*: LPT1 BEA_HOME OR
`{ }`	A set of choices in a syntax line.
`[ ]`	Optional items in a syntax line. *Example*: `java utils.MulticastTest -n name -a address [-p portnumber] [-t timeout] [-s send]`
`|`	Separates mutually exclusive choices in a syntax line. *Example*: `java weblogic.deploy [list|deploy|undeploy|update] password {application} {source}`
`...`	Indicates one of the following in a command line: ■ 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`):

- "About WebLogic Server Management and the config.xml File" on page 1-1
- "Editing the config.xml File" on page 1-2
- "BEA XML Editor" on page 1-3

About WebLogic Server Management and the config.xml File

WebLogic Server management and configuration services are based on the Java Management Extensions (JMX) API from Sun Microsystems. The `config.xml` file is a persistent store for the managed objects that WebLogic Server creates and modifies during its execution using the BEA implementation of the JMX API. The purpose of `config.xml` is to store changes to managed objects so that they are available when WebLogic Server is restarted.

You should normally use the Administration Console to configure WebLogic Server's manageable objects and services and allow WebLogic Server to maintain the `config.xml` file.

Although `config.xml` is a well-formed XML document that you can modify using a text editor, you should think of it as a database that you would only directly update under unusual circumstances.

The `config.xml` file is not a formal XML document with a document type definition (DTD) that can be used to validate its contents. Is is truly a repository, where each XML element contains data saved at the request of an in-memory instance of a management object in WebLogic Server. However, the objects that store their data in `config.xml` are defined within the WebLogic Server Management API and so it is possible to substantially document the contents of the `config.xml` file. In fact, the reference information in this document is extracted from Javadocs for the `weblogic.management.configuration` package which contains the WebLogic Server management MBeans. You can see a different view of the same information in the Javadocs and in the Administration Console online help system.

There are cases where `config.xml` can contain data that is not described in this document:

- Some MBean attributes are intentionally not documented because they concern internal mechanisms that are not intended to be exposed and may not be supported in future releases.
- MBeans and attributes may be created dynamically by applications executing in WebLogic Server. These applications may include the Administration Console, other BEA products that work with WebLogic Server, and applications supplied by users or third-party vendors.

If you are using other BEA products with WebLogic Server or third-party applications, see the documentation accompanying the other product for additional information about `config.xml` elements and attributes.

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.

BEA XML Editor

The BEA XML Editor is a simple, user-friendly tool for creating and editing XML files. It can validate XML code according to a specified DTD or XML Schema. See the BEA XML Editor on BEA dev2dev at http://dev2dev.bea.com/resourcelibrary/utilitiestools/index.jsp.

2 config.xml Elements and Attributes

The following sections describe the elements defined in the WebLogic Server `config.xml` file, the configuration file for the WebLogic Server.

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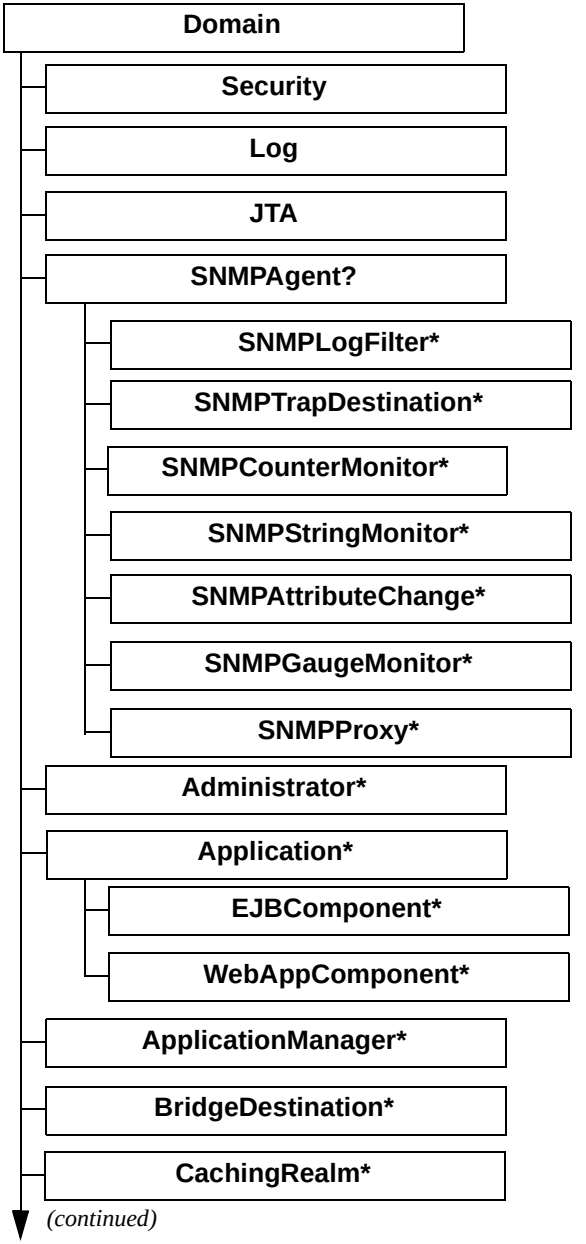
Element Hierarchy

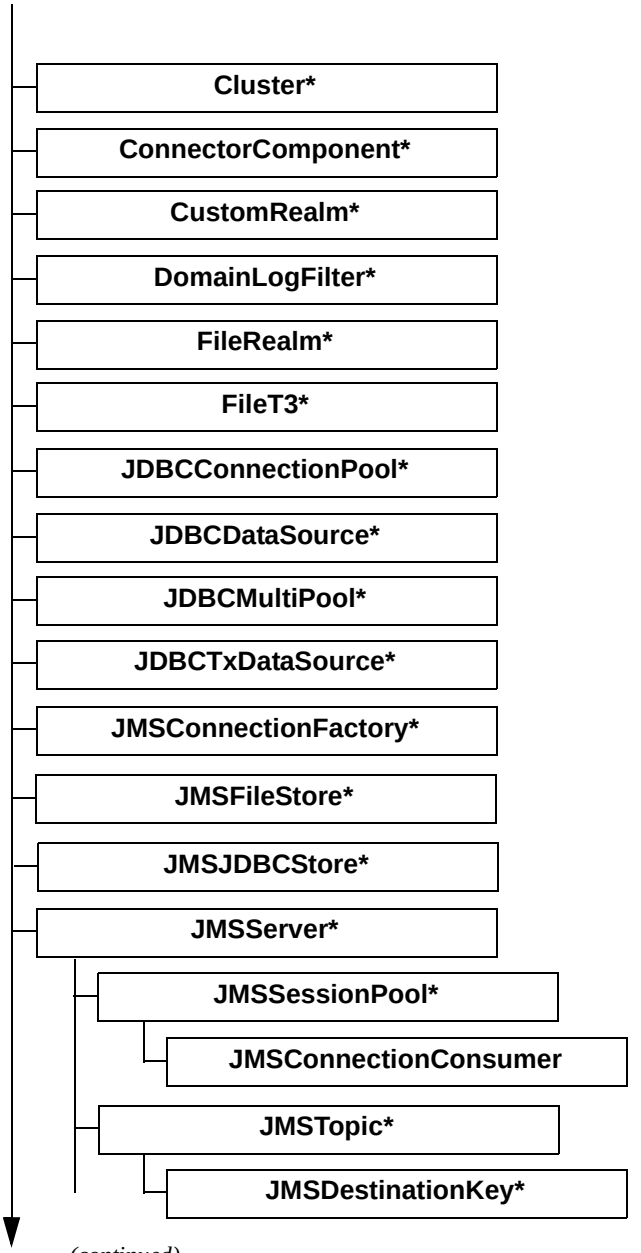
The `config.xml` file consists of a series of XML elements. The `Domain` element is the top-level element, and all elements in the `Domain` are children of the `Domain` element. Child elements may have children themselves. For example, the `Server` element contains the `SSL`, `ServerStart`, `Log`, `WebServer`,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

The characters following the element names in the diagram indicate the possible occurrence of the children elements in the `Domain` element:

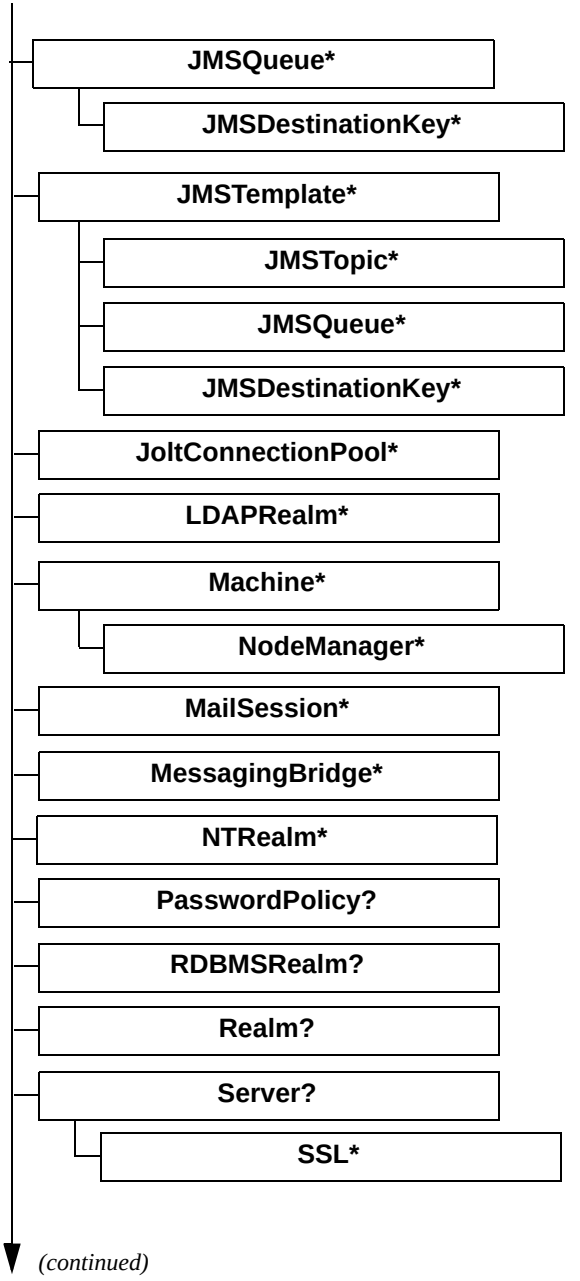
- A plus sign (+) indicates that one or more of these elements may occur.
- An asterisk (*) indicates that zero or more of these elements may occur.
- A question mark (?) indicates that zero or one of these elements may occur.

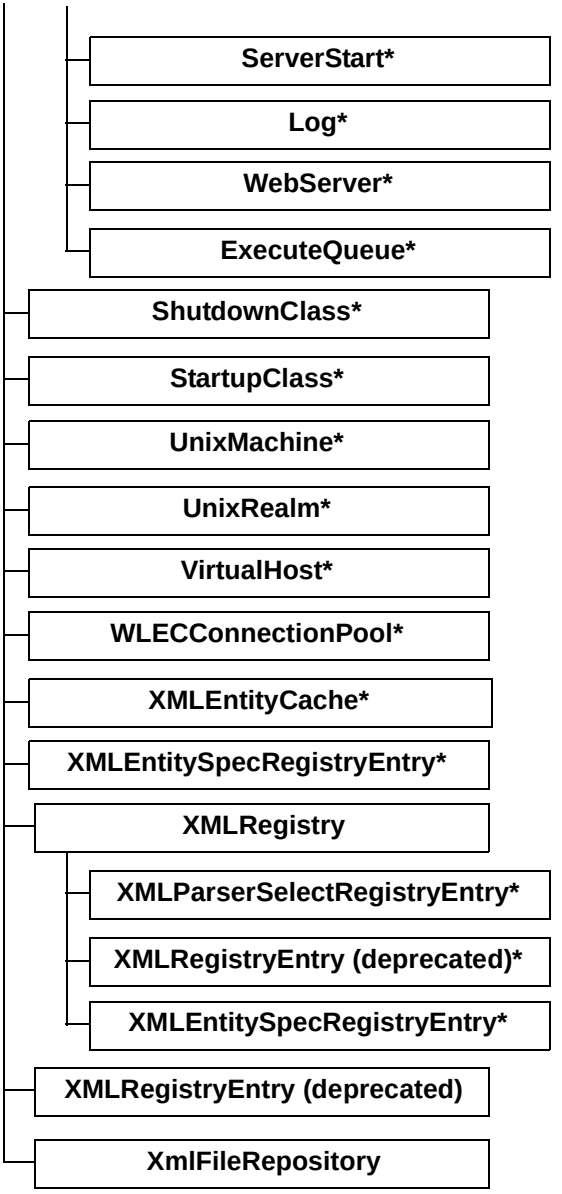
Figure 2-1 Order of Elements in "config.xml" file




Cluster*
ConnectorComponent*
CustomRealm*
DomainLogFilter*
FileRealm*
FileT3*
JDBCConnectionPool*
JDBCDataSource*
JDBCMultiPool*
JDBCTxDataSource*
JMSConnectionFactory*
JMSFileStore*
JMSJDBCStore*
JMSServer*
JMSSessionPool*
JMSConnectionConsumer
JMSTopic*
JMSDestinationKey*

(continued)


JMSQueue*
JMSDestinationKey*
JMSTemplate*
JMSTopic*
JMSQueue*
JMSDestinationKey*
JoltConnectionPool*
LDAPRealm*
Machine*
NodeManager*
MailSession*
MessagingBridge*
NTRealm*
PasswordPolicy?
RDBMSRealm?
Realm?
Server?
SSL*
(continued)


ServerStart*
Log*
WebServer*
ExecuteQueue*
ShutdownClass*
StartupClass*
UnixMachine*
UnixRealm*
VirtualHost*
WLECConnectionPool*
XMLEntityCache*
XMLEntitySpecRegistryEntry*
XMLRegistry
XMLParserSelectRegistryEntry*
XMLRegistryEntry (deprecated)*
XMLEntitySpecRegistryEntry*
XMLRegistryEntry (deprecated)
XmlFileRepository

Element Attribute Descriptions

The following sections describe the attributes that you can configure for each element in the `config.xml` file.

Administrator

This element provides contact information for a system administrator. A domain may have one or more administrators.

Attribute	Description	Range of Values and Default	Console Navigation
EmailAddress	The administrator's well-formed email address.	*`userid`*, *`userid@domain`*, or null Default: `root`	
Name	Name of this MBean. (Required.)	String Default: AdministratorMBean	
Notes	Optional user-supplied information about this configuration Administrator.	String Default: Null	
PhoneNumber	Returns this administrator's phone number, or null if none has been specified.	String Default: Null	
WriteAuthorized	Indicates whether this administrator has write access to the configuration.	true or false Default: false	

Application

An application represents a J2EE application contained in a EAR file or EAR directory.

Attribute	Description	Range of Values and Default	Console Navigation
ApplicationDescriptor			
Deployed	Deploy or undeploy the entire application. Setting deployed to be true on an application, or setting deployed to be false on an application that is not deployed is an error.	true or false Default: true	Deployments: Applications: Deployed
Name	The name of the MBean. (Required.)	String Default: ApplicationMBean	Deployments: Applications: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
Path	The path pointing to the application's EAR file, relative to the administration server's file system.	Pathname (absolute paths allowed)	Deployments: Applications: Path

ApplicationManager

This Mbean manages an application across a Domain. It is an AdminServer-only MBean that is configurable as a singleton child of Domain.

Attribute	Description	Range of Values and Default	Console Navigation

AutoDeployedEnabled	Enables the Auto Deployment feature of the Admin Server, in which applications that reside in a particular directory are automatically deployed by the Admin Server, regardless of whether or not they are configured. The server polls the directory throughout the session, so even if the server is running at the time, placing an application (for example, EAR, JAR, or WAR files) in that directory causes it to be deployed; deleting an application from the directory causes it to become undeployed.
	The directory is located at:
	`(root)\config\<domain>\applications`
	For example:
	`c:\bea61\config\mydomain\applications`
	This attribute only takes effect if the server is running in “development mode”. It is ignored if the server is in “production mode”.
	In development mode, the default value for this attribute is “true”.
		true or false
		Default: true	

Attribute	Description	Range of Values and Default	Console Navigation
AutoUpdateInterval	The auto-update interval for the application manager. The application manager regularly polls the application directories for new applications. This interval is the length of time, in milliseconds, between these checks. A check may be forced by directly calling for an update.	Integer, in milliseconds Default: 3000	
Name	The name of the MBean. (Required.)	String Default: ApplicationManagerMBean	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	

BridgeDestination

Defines a Bridge destination.

Attribute	Description	Range of Values and Default	Console Navigation
AdapterJNDIName	The string defined in the adapter's description and used to bind the adapter in WebLogic Server JNDI.	String	
Name	The name of the MBean. (Required.)	String Default: BridgeDestinationMBean	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
Properties	Set of properties defined for destination. The properties are separated by a semicolon (";").		

CachingRealm

This element represents CachingRealm's configuration properties. It allows the user to specify an alternate realm to the `FileRealm`. It is associated with the RealmMBean. If this MBean is not created, then only the `FileRealm` is used.

Attribute	Description	Range of Values and Default	Console Navigation
ACLCacheEnable	Enables the caching of Access Control Lists (ACL).	true or false Default: true	
ACLCacheSize	The maximum number of ACL lookups to cache. This attribute should be a prime number for best lookup performance.	17-65537 Default: 211	
ACLCacheTTLNegative	The number of seconds to retain the results of an unsuccessful ACL lookup. TTL means “Time to Live”.	1-*n* *n*=`java.lang.Integer.MAX_VALUE`. In Seconds. Default: 10	
ACLCacheTTLPositive	The number of seconds to retain the results of a successful ACL lookup. TTL means “Time to Live.”	1-*n* *n*=`java.lang.Integer.MAX_VALUE`. In seconds. Default: 60	
AuthenticationCacheEnable	Enables the caching of authentication requests.	true or false Default: true	

Attribute	Description	Range of Values and Default	Console Navigation
AuthenticationCacheSize	The maximum number of authentication requests to cache. This attribute should be a prime number, for best lookup performance.	17-65537 Default: 211	
AuthenticationCacheTTLNegative	The number of seconds to retain the results of an unsuccessful authentication request. TTL means "Time to Live."	1-*n* *n*=`java.lang.Integer.MAX_VALUE`. In seconds. Default: 10	
AuthenticationCacheTTLPositive	The number of seconds to retain the results of a successful authentication request. TTL means "Time to Live."	1-*n* *n*=`java.lang.Integer.MAX_VALUE`. In seconds. Default: 60	
BasicRealm	The name of the class of the security realm being used with the Caching realm. Required. To use an alternate security realm follow these steps: 1. Create an RealmMBean for the alternate security realm. For example: NTRealm. 2. Create a CachingRealm MBean and set the BasicRealm attribute to the name of the MBean for the alternate security realm. 3. Set the CachingRealm MBean to the Caching Realm.		

Attribute	Description	Range of Values and Default	Console Navigation
CacheCaseSensitive	Defines whether or not the specified security realm is case-sensitive. By default, this attribute is enabled. To use a security realm that is not case-sensitive (such as the Windows NT and LDAP security realms), disable this attribute.	true or false Default: true	
GroupCacheEnable	Enables the caching of Group lookups.	true or false Default: true	
GroupCacheSize	The maximum number of Group lookups to cache. This attribute should be a prime number for best lookup performance.	17-65537 Default: 211	
GroupCacheTTLNegative	The number of seconds to retain the results of an unsuccessful Group lookup. TTL means "Time to Live."	1-*n* *n*=`java.lang.Integer.MAX_VALUE`. In seconds. Default: 10	
GroupCacheTTLPositive	The number of seconds to retain the results of a successful Group lookup. TTL means "Time to Live."	1-*n* *n*=`java.lang.Integer.MAX_VALUE`. In seconds. Default: 60	
GroupMembershipCacheTTL	The number of seconds to store the members of the Group before updating the members. TTL means "Time to Live."	1-*n* *n*=`java.lang.Integer.MAX_VALUE`. In seconds. Default: 300	

Attribute	Description	Range of Values and Default	Console Navigation
Name	The name of the MBean for the Caching realm attributes. (Required.)	String Default: CachingRealmMBean	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
PermissionCacheEnable	Enables the caching of permission lookups.	true or false Default: true	
PermissionCacheSize	The maximum number of permission lookups to cache. This attribute should be a prime number for best lookup performance.	17-65537 Default: 211	
PermissionCacheTTLNegative	The number of seconds to retain the results of an unsuccessful permission lookup. TTL means "Time to Live."	1-*n* *n*=`java.lang.Integer.MAX_VALUE`. In seconds. Default: 10	
PermissionCacheTTLPositive	The number of seconds to retain the results of successful permission lookup. TTL means "Time to Live."	1-*n* *n*=`java.lang.Integer.MAX_VALUE`. In seconds. Default: 60	
UserCacheEnable	Enables caching of User lookups.	true or false Default: true	
UserCacheSize	The maximum number of User lookups to cache. This attribute should be a prime number for best lookup performance.	17-65537 Default: 211	

Attribute	Description	Range of Values and Default	Console Navigation
UserCacheTTLNegative	The number of seconds to retain the results of unsuccessful User lookup. TTL means "Time to Live."	1-*n* *n*=`java.lang.Integer.MAX_VALUE`. In seconds. Default: 10	
UserCacheTTLPositive	The number of seconds to retain the results of successful User lookup.	1-*n* *n*=`java.lang.Integer.MAX_VALUE`. In seconds. Default: 60	

Cluster

This element represents a cluster in the domain. A configuration may define zero or more clusters. Servers join a configured cluster by calling `ServerMBean.setCluster` with the logical name of the cluster. A configuration may define zero or more clusters. They may be looked up by logical name. The name of a cluster denotes its logical cluster name.

Attribute	Description	Range of Values and Default	Console Navigation
ClusterAddress	The address to be used by clients to connect to this cluster. Must be either a DNS host name that maps to multiple IP addresses or, for development or testing purposes, a comma-separated list of single address host names or IP addresses.	Valid IP address or hostname Default: Null	Clusters: *`clustername`*: Configuration: General: Cluster Address
DefaultLoadAlgorithm	The algorithm used to distribute requests among instances in a cluster.	round-robin weight-based random Default: round-robin	Clusters: *`clustername`*: Configuration: General: Default Load Algorithm
MulticastAddress	The multicast address used by cluster members to communicate with each other.	IP multicast address	Clusters: *`clustername`*: Configuration: Multicast: Multicast Address
MulticastSendDelay	The number of milliseconds to delay sending message fragments over multicast.	Integer Default: 12	Clusters: *`clustername`*: Configuration: Multicast: Multicast Send Delay

Attribute	Description	Range of Values and Default	Console Navigation
MulticastTTL	The maximum number of network hops that a cluster multicast message is allowed to travel. A value of 1 restricts the cluster to one subnet. TTL means "Time to Live"	1 to 255 inclusive. Default: 1	Clusters: *clustername*: Configuration: Multicast: Multicast TTL
Name	The name of the MBean. (Required.) The cluster name can be up to 256 alphanumeric characters, but may not contain commas or spaces.	String. Default: N/A	Clusters: *clustername*: Configuration: General: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	Clusters: *clustername*: Notes
Servers	The servers that have declared membership in this cluster.	List Default: Null	Clusters: *clustername*: Servers
WeblogicPluginEnabled	Set to true if the cluster will receive requests from a proxy plug-in or HttpClusterServlet. When WeblogicPluginEnabled is true, a call to getRemoteAddr will return the address of the browser client from the proprietary WL-Proxy-Client-IP header, instead of from the web server. WeblogicPluginEnabled is present in ClusterMBean and ServerMBean. The ClusterMBean value overrides the ServerMBean value.	true or false Default: false	WebLogic Plug-in Enabled

ConnectorComponent

Defines a resource adapter.

Attribute	Description	Range of Values and Default	Console Navigation
Application			Deployments: Connectors: Application
AuthenticationMechanisms	The authentication mechanism. Non-configurable.		
CapacityIncrement	Resource Adapter Connector Pool's properties: the increment by which the pool capacity is expanded. Non-configurable.	1-*n* Default: 1	
ClassLoader	The classloader. Non-configurable.		
ConfigProperties	The configuration properties. Non-configurable.		
ConnectionCleanupFrequency	Frequency at which connection times are checked. Connections are cleaned up if they have exceeded their duration time. Non-configurable.	Default: -1	
ConnectionDurationTime	Duration of time in which connections are allowed to be active. Non-configurable.	Default: -1	
ConnectionFactoryDescription	The connection factory description. Non-configurable.		

Attribute	Description	Range of Values and Default	Console Navigation
ConnectionFactoryImpl	One of the Resource Adapter Component's properties. Non-configurable.		
ConnectionFactoryInterface	One of the Resource Adapter Component's properties. Non-configurable.		
ConnectionFactoryName	The connection factory name. Non-configurable.		
ConnectionImpl	One of the Resource Adapter Component's properties. Non-configurable.		
ConnectionInterface	One of the Resource Adapter Component's properties. Non-configurable.		
DelayedBinding	Non-configurable.	true or false Default: false	
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	
Description			
DisplayName	Resource Adapter Component's display name. Non-configurable.		
EisType	EIS Type of the Resource Adapter Component. Non-configurable.		

Attribute	Description	Range of Values and Default	Console Navigation
InitialCapacity	Resource Adapter Connector Pool's properties: initial number of connections. Non-configurable.	0-*n* Default: 1	
JNDIName	The JNDI name for the `ManagedConnectionFactory` reference. Non-configurable.		
LargeIcon	The large icon name for the Resource Adapter Component. Non-configurable.		
LicenseDescription	The license description for the Resource Adapter Component. Non-configurable.		
LicenseRequired	A flag that indicates whether or not a license is required. Non-configurable.	true or false Default: false	
LogFileName	`ManagedConnectionFactory` log file. Non-configurable.		
LoggingEnabled	`ManagedConnectionFactory` logger flag. Non-configurable.	true or false Default: false	
ManagedConnectionFactoryClass	One of the Resource Adapter Component's properties. Non-configurable.		
MapConfigProperties	The mapped configuration properties (those that are overridden from the default configuration properties). Non-configurable.		
MaxCapacity	Resource Adapter Connector Pool's properties: the maximum number of connections. Non-configurable.	1-*n* Default: 10	

Attribute	Description	Range of Values and Default	Console Navigation
Name	The name of the MBean. (Required.)	String Default: N/A	Deployments: Connectors: Name
NativeLibDir	The native library directory. Non-configurable.		
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	Null
RALinkRef	Resource Adapter Link reference. Non-configurable.		
reauthenticationSupport	Flag that indicates whether or not reauthorization is supported. Non-configurable.	true or false Default: false	
SecurityPermissions	The security permissions. Non-configurable.		
SecurityPrincipalMaps	The security principal maps. Non-configurable.		
ShrinkingEnabled	Set to true to enable pool shrinking. Non-configurable.	true or false Default: true	
ShrinkPeriodMinutes	Non-configurable.	0-*n* Default: 15	
SmallIcon	small icon name for the Resource Adapter Component Non-configurable.		
SpecVersion	The version of the specification for the Resource Adapter Component Non-configurable.		
Targets			

Attribute	Description	Range of Values and Default	Console Navigation
TransactionSupport	Transaction support. Non-configurable.	none, local, XA	
URI	A Uniform Resource Identifier (URI) pointing to the application component, usually found on the Admin server. (Required.)	Valid string	Deployments: Connectors: URI
VendorName	The name of the vendor for the Resource Adapter Component Non-configurable.		
Version	The version for the Resource Adapter Component Non-configurable.		

CustomRealm

This element holds configuration properties for a custom realm. A custom realm is a realm entirely written by the customer vs. a tweak of the RDBMSRealm. Since we cannot possibly know what the custom realm's configuration properties will be, we just add a attribute that contains a properties list. The custom realm can define which properties should be in the list.

Attribute	Description	Range of Values and Default	Console Navigation
ConfigurationData	A list of the configuration properties for the custom security realm. These properties could be database schema.		
Name	The name of the MBean. (Required.)	String Default: CustomRealmMBean	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
Password	The password for the Custom Security realm. If a password is supplied, WebLogic Server encrypts it.		
RealmClassName	The name of the Java class that implements the Custom Security realm. This class should be included in the `CLASSPATH` of the WebLogic Server.		Security: Realms: Realm Class Name

Domain

A WebLogic Domain. A WebLogic Domain is a special target, the “Domain” target. Usually this equates to an instance of the WebLogic server.

Attribute	Description	Range of Values and Default	Console Navigation
Active	Is this domain active?	true or false Default: false	
LastModificationTime	The last time this domain was updated. Guaranteed to be unique for a given transactional modification.	Default: 0	
Name	The name of the MBean. (Required.) May contain up to 256 alphanumeric characters, but not commas or spaces.	String. Default: mydomain	
Notes	Optional user-supplied information about this configuration MBean.	alphanumeric string Default: Null	
RootDirectory	The highest directory in which the administrative server is installed.	None specified.	

DomainLogFilter

This element represents a filter to qualify log messages which are logged to the domain log file. A message must qualify all criteria specified to qualify the filter. Multiple instances of this MBean can be defined, if needed. If there are multiple instances, a message must qualify at least one filter to qualify for the domain log file.

Attribute	Description	Range of Values and Default	Console Navigation
Name	The name of the MBean. (Required.)	String Default: DomainLogFilterMBean	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: 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 ■ 64 (INFO) ■ 32 (WARNING) ■ 16 (ERROR) ■ 8 (NOTICE) ■ 4 (CRITICAL) ■ 2 (ALERT) ■ 1 (EMERGENCY)	64, 32, 16, 8, 4, 2, 1 Default: 16	
SubsystemNames	If none are specified, messages from all subsystems qualify.		
UserIds	If no IDs are specified, messages from all user IDs qualify.		

EJBComponent

An Enterprise Java Bean or EJB performs business transactions between the client and the database.This element in the configuration file lets you modify settings that affect EJBs.

Attribute	Description	Range of Values and Default	Console Navigation
Application	The name of the application this component is a part of. This is guaranteed to never be null.		Deployments: Application: Name
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. This attribute is especially useful for EJBs, in which one EJB may depend on another to be deployed first. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	
ExtraRmicOptions	The extra options passed to RMIC during server-side generation. The default value for this attribute must be null. If no instances of `ExtraRmicOption` are specified on the EJB Component, the default from `Server.ExtraRmicOptions` is used.	Default: Null	Servers: *`servername`*: Configuration: Compilers: Extra rmic Options

Attribute	Description	Range of Values and Default	Console Navigation
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 from `Server.JavaCompiler` is used.	Pathname (absolute paths allowed) Default: Null	Servers: *`servername`*: Configuration: Compilers: Java Compiler
JavaCompilerPostClassPath	The options to be appended to the Java compiler classpath for when compiling Java code.	Pathname (absolute paths allowed) Default: Null	Servers: *`servername`*: Configuration: Compilers: Append to classpath
JavaCompilerPreClassPath	The options to be prepend to the Java compiler classpath when compiling Java code.	Pathname (absolute paths allowed) Default: Null	Servers: *`servername`*: Configuration: Compilers: Prepend to classpath
KeepGenerated	Returns true if the EJBC should keep its generated source files; returns false if EJBC should delete the source files after compiling them.	true or false Default: true	
Name	The name of the MBean. (Required.)	String Default: N/A	Deployments: EJB: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
Targets	The targets on which this deployment is deployed.		

Attribute	Description	Range of Values and Default	Console Navigation
TmpPath	The temporary directory where generated files are stored by EJBC.	Pathname (absolute paths allowed) Default: `tmp_ejb`	
URI	A Uniform Resource Identifier (URI) pointing to the application component, usually found on the Admin server. (Required.)	Valid string	Deployments: EJB: URI
VerboseEJBDeploymentEnabled	If true, verbose deployment of EJBs is enabled which will print out error messages with a stack trace.	true or false Default: false	

EJBContainer

Specifies EJB container-wide settings. These settings also exist in EJBComponentMBean and Server MBean; the order of precedence is

1. this specific EJBComponentMBean,
2. EJBContainerMBean, then
3. Server MBean.

Thus, if an attribute is specified in more than one element, the setting of the attribute in the element with the highest order of precedence will be effective.

Attribute	Description	Range of Values	Default Value
ExtraRmicOptions	Extra options passed to rmic during server-side generation. If no value for this attribute is specified on this specific EJBComponent, default is pulled from this attribute in the Server element.	String	Null.
JavaCompiler	Path to the Java compiler to use to compile EJB's (e.g. "sj" or "javac"). If no JavaCompiler is specified on this specific EJBComponent, default is pulled in order: first EJBContainer, then Server elements.	String	Null
JavaCompilerPostClassPath	Options to append to the Java compiler classpath when compiling Java code.	String	Null
JavaCompilerPreClassPath	Options to pre-pend to the Java compiler classpath when compiling Java code.	String	Null

Attribute	Description	Range of Values	Default Value
KeepGenerated	True if EJBContainer should keep its generated source files; false if it should delete them after compiling them.	true or false	true
TmpPath	Temporary directory where generated files are stored by EJBContainer.	Valid directory name	tmp_ejb
VerboseEJBDeploymentEnabled	Retrieves status of this value; if true, verbose feature of EJB's is enabled; otherwise returns "false".	true or false	false

ExecuteQueue

This MBean is used to configure an execute queue and its associated thread pool.

Attribute	Description	Range of Values and Default	Console Navigation
Name	The name of the default execute queue.		
Notes	Optional user-supplied information about this configuration MBean.	String	
ThreadCount	Returns the number of threads assigned to this queue.	Integer Default: 15	

FileRealm

This element holds the `FileRealm`'s configuration properties. This MBean is associated with a RealmMBean.

Attribute	Description	Range of Value and Default	Console Navigation
MaxACLs	The maximum number of (positive) ACLs supported by the `FileRealm`. The maximum is not enforced, by a warning is issued when you reach it.	1-10000 Default: 1000	Security: Filerealm: Max ACLs
MaxGroups	The maximum number of groups supported by the `FileRealm`.	Default: 1000	Security: Filerealm: Max Groups
MaxUsers	The maximum number of users supported by the `FileRealm`.	Default: 1000	Security: Filerealm: Max Users
Name	The name of the MBean. (Required.)	String Default: FileRealmMBean	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	

FileT3

A File T3 configuration entry.

Attribute	Description	Range of Values and Default	Console Navigation
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	
Name	The name of the MBean. (Required.)	String Default: N/A	Services: FileT3: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
Path	The File T3 path.	Pathname (absolute paths allowed)	Services: FileT3: Path
Targets	The targets on which this deployment is deployed.		

JDBCConnectionPool

This element defines a JDBC connection pool.

Attribute	Description	Range of Values and Default	Console Navigation
ACLName	Sets the ACL used to control access to this Connection Pool. Permissions available to this ACL are `reserve` and `admin`. ■ "Reserve" allows users to get logical connections from this Connection Pool. ■ "Admin" allows all other operations on this Connection Pool, including: reset, shrink, shutdown, disable, and enable. Lack of an ACL allows any user open access (provided that user passes other WebLogic Server security controls).		
CapacityIncrement	The increment by which the pool capacity is expanded. When there are no more available physical connections to service requests, the pool will create this number of additional physical database connections and add them to the pool. The pool will ensure that it does not exceed the maximum number of physical connections as set by `MaxCapacity`.	0 to *n* Default: 1	Services: JDBC: Connection Pools: Capacity Increment

Attribute	Description	Range of Values and Default	Console Navigation
ConnLeakProfilingEnabled	This property enables JDBC Connection leak profiling. A Connection leak occurs when a connection from the pool is not closed explicitly by calling `close()` on that connection. When connection leak profiling is active, the pool will store the stack trace at the time the Connection object is allocated from the pool and given to the client. When a connection leak is detected (when the Connection object is garbage collected), this stack trace is reported. **Note:** This feature uses extra resources and will likely slow down Connection Pool operations, so it is not recommended for production use.	true or false Default: false	
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	

Attribute	Description	Range of Values and Default	Console Navigation
DriverName	The string containing the name of the JDBC driver class. This is the full package name of the JDBC two-tier driver class used to create the physical connections between the WebLogic Server and the DMBS for this connection pool. It must be the name of a c lass that implements the `java.sql.Driver` interface. Check the documentation for the JDBC driver to find the full path name.		Services: JDBC: Connection Pools: Driver Name
InitialCapacity	The number of physical database connections to create when configuring the pool. If unable to create this number of connections, creation of this Connection Pool will fail. This is also the minimum number of physical connections that the pool keeps available.	0 to *n* Default: 1	Services: JDBC: Connection Pools: Initial Capacity
LoginDelaySeconds	The number of seconds to delay before creating each physical database connection, both during initial pool creation and during the lifetime of the pool. Some database servers cannot handle multiple requests for connections in rapid succession; therefore, this property allows you to build in a small delay to let the database server catch up.	Integer in seconds Default: 0	

Attribute	Description	Range of Values and Default	Console Navigation
MaxCapacity	This attribute sets maximum number of physical database connections that this connection pool can contain. Different JDBC drivers and database servers will likely limit the number of possible physical connections.	1 to *n* Default: 1	Services: JDBC: Connection Pools: Max Capacity
Name	The name of the connection pool. (Required.)	Alphanumeric string, up to 256 characters, but may not contain commas or spaces. Default: Null	Services: JDBC: Connection Pools: Name
Notes	A space for optional, user-supplied information.	Alphanumeric string. Default: Null	
Password	This value overrides any password defined in Properties (as a name/value pair). This attribute is passed to the two-tier JDBC driver when creating physical database connections. It is stored in an encrypted form in the `config.xml` file and can be used to avoid storing cleartext passwords in that file.		
Properties	The list of the properties passed to this JDBC driver.		

Attribute	Description	Range of Values and Default	Console Navigation
RefreshMinutes	This attribute sets the connection refresh interval. Every unused connection is tested using `TestTableName`. Connections that do not pass the test are closed and reopened in an attempt to reestablish a valid physical database connection. If `TestTableName` is not set then the test is not performed.	0-35791394, in minutes. Default: 0	
ShrinkingEnabled	Set to true to enable pool shrinking. Indicates whether or not the pool can shrink back to the value of InitialCapacity when connections are detected to not be in use.	true or false Default: true	
ShrinkPeriodMinutes	This attribute sets the number of minutes to wait before shrinking a connection pool that has incrementally increased to meet demand. `ShrinkingEnabled` must be true for shrinking to take place.	1-*n*, in minutes. Default: 15	
SupportsLocalTransaction	This attribute applies to XA connection pools only, and is ignored for non-XA driver. It is true if XA driver supports SQL with no global transaction.	true or false Default: false	
Targets	This attribute sets the target servers for this deployment	String Default: `[Lweblogic.management.configuration.TargetMBean;@2c84d9`	

Attribute	Description	Range of Values and Default	Console Navigation
TestConnectionsOnRelease	This attribute is used to determine if connections that are being released are tested. If true, the WebLogic Server tests a connection before returning it to the connection pool. If all connections in the pool are already in use and a client is waiting for a connection, the client's wait is slightly longer while the connection is tested.	true or false Default: false	
TestConnectionsOnReserve	This is attribute is used to determines if the connections on reserve are to be tested. When set to true, the WebLogic Server tests a connection before giving it to the client. The test adds a small delay in serving the client's request for a connection from the pool, but ensures that the client receives a working connection (assuming that the DBMS is available and accessible).	true or false Default: false	

Attribute	Description	Range of Values and Default	Console Navigation
TestTableName	This attribute sets the name of the table used when testing a physical database connection. The default SQL used to test a connection is "select count" from `TestTableName`. `TestTableName` must exist and be accessible to the database user for the connection. Most database servers optimize this SQL to avoid a table scan, but it is still a good idea to set `TestTableName` to the name of a table that is known to have few rows, or even no rows. If `TestTableName` begins with "SQL", the rest of the string, after that leading token, is taken as a literal SQL statement used to test a connection.	String Default: Null	
URL	The URL for the database, as specified in the JDBC driver documentation. The URL is passed to the driver to create the physical database connections.		Services: JDBC: Connection Pools: URL

JDBCDataSource

Defines attributes for a data source.

Attribute	Description	Range of Values and Default	Console Navigation
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	
JNDIName	Sets the JNDI name associated with the data source. Sets the JNDI path to where this DataSource is bound.	String Default: Null	Services: JDBC: Data Sources: JNDI Name
Name	The name of the data source. (Required.) May be up to 256 characters, but may not contain commas or spaces.	Alphanumeric string Default: Null	Services: JDBC: Data Sources: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
PoolName	Name of the JDBC connection pool that is associated with this DataSource. DataSource returns a connection from the associated connection pool.	String Default: Null	Services: JDBC: Data Sources: Pool Name

Attribute	Description	Range of Values and Default	Console Navigation
Row Prefetch Enabled	Set to true to enable row prefetching between client and WebLogic Server for each ResultSet. When an external client does JDBC access through Weblogic Server, row prefetching improves performance by fetching multiple rows from the server to the client in one server access. The WebLogic Server ignores this setting and does not use row prefetching when the client and WebLogic Server are in the same JVM.	true or false Default: false	Services: JDBC: Data Sources: Row Fetch Enabled
RowPrefetchSize	The number of rows that are prefetched between client and WebLogic Server for each ResultSet. The optimal value is very dependent on the particulars of the query. Generally, increasing this number increases performance, until a particular value is reached. At that point further increases do not result in any significant performance increase. Very rarely will increased performance result from exceeding 100 rows. The default value should be reasonable for most situations.	2-65536 Default: 48	
StreamChunkSize	The number of rows that will be prefetched between client and WebLogic Server for each ResultSet. The optimal value is very dependent on the particulars of the query. Generally, increasing this number will increase performance, until a particular value is reached. At that point further increases do not result in any significant performance increase. Very rarely will increased performance result from exceeding 100 rows. The default value should be reasonable for most situations.	1 to 65,536 Default: 256	Services: JDBC: Data Sources: Stream Chunk Size

Attribute	Description	Range of Values and Default	Console Navigation
Targets	Targets for this datasource.	List Default: Null	

JDBCMultiPool

A MultiPool is a “pool of pools” that allows a configurable algorithm (either high-availability or load-balancing) for choosing among its list of pools, the pool that will be selected to provide the connection. MultiPools do not apply to multiple-server configurations.

Attribute	Description	Range of Values and Default	Console Navigation
ACLName	The ACL list for this meta-pool.		

Attribute	Description	Range of Values and Default	Console Navigation
AlgorithmType	Select one of these two algorithms: ■ High Availability ■ Load Balancing In "High-Availability", the connection pools are set up as an ordered list used in order. Every time the Multipool is asked for a connection, it tries to get a connection from the first pool in its list. If unable to get a valid connection, it tries the next pool in its list. The process is repeated until a valid connection is obtained, or until the end of the list is reached, in which case an exception occurs. Note that the Multipool will only move to the next pool in the list when there is a real problem with the pool, for example the database is down or the pool disabled. For the cases where all connections are busy, the Multipool behaves as a single pool and an exception occurs. In "Load-Balancing," the MultiPool distributes the connection requests evenly to its member pools.	High-Availability Load-Balancing Default: High-Availability	Services: JDBC: Multi Pools: Load Balance *also*: Services: JDBC: Multi Pools: High Availability
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	

Attribute	Description	Range of Values and Default	Console Navigation
Name	The name of the JDBCMultipool.The name can be up to 256 alphanumeric characters, but may not contain commas or spaces	Alphanumeric string. Default: Null	Services: JDBC: Multi Pools: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
Pool List	The list of connection pools in the multi pool	List	Services: JDBC: Multi Pools: Pool List
Targets	The targets on which this deployment is deployed.		

JDBCTxDataSource

Defines attributes for a TX data source.

Attribute	Description	Range of Values and Default	Console Navigation
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	
EnableTwoPhaseCommit	This attribute allows the user to enable or disable the two phase commitment of transactions. `EnableTwoPhaseCommit` allows non-XA JDBC drivers to pretend to participate in the JDBC connection as the only participant in the transaction, but it is asking for trouble to have more than one resource participating in a transaction where one of them (the JDBC driver) is pretending to be an XA resource. There is a possibility of heuristic failures in such a situation. `EnableTwoPhaseCommit` should be set to true only if you have no option (for example, no decent XA driver available for a particular database). If this TxDataSource is associated with an XA connection pool, or if there is only one resource participating in the distributed transaction, then this setting is ignored.	true or false Default: false	Services: JDBC: Tx Data Sources: Enable Two Phase Commit

Attribute	Description	Range of Values and Default	Console Navigation
JNDIName	Sets the JNDI path to where this TxDataSource is bound. Applications that look up the JNDI path get a `javax.sql.DataSource` instance that corresponds to this TxDataSource. Note that the old style usage of `DriverManager.getConnection()` or `Driver.Connect()` has been deprecated in favor of looking up a datasource to obtain a connection.	Valid JNDI name Default Null	Services: JDBC: Tx Data Sources: JNDI Name
Name	The name of this data source.	String	Services: JDBC: Tx Data Sources: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
PoolName	This attribute allows the user to set the name of the connection pool that is associated with this TxDataSource. Calls to `getConnection()` on this TxDataSource return a connection from the associated connection pool.	Valid connection pool name Default: Null	Services: JDBC: Tx Data Sources: Pool Name
RowPrefetchEnabled	Set to True to enable row prefetching between client and WebLogic Server for each ResultSet. When an external client does JDBC access through WebLogic Server, row prefetching improves performance by fetching multiple rows from the server to the client in one server access. The WebLogic Server ignores this setting and does not use row prefetching when the client and WebLogic Server are in the same JVM.	true or false Default: false	Services: JDBC: Tx Data Sources: Row Prefetch Enabled

Attribute	Description	Range of Values and Default	Console Navigation
RowPrefetchSize	The number of rows that are prefetched between client and WebLogic Server for each ResultSet. The optimal value is very dependent on the particulars of the query. Generally, increasing this number increases performance, until a particular value is reached. At that point further increases do not result in any significant performance increase. Very rarely will increased performance result from exceeding 100 rows. The default value should be reasonable for most situations.	2-65536 Default: 48	
StreamChunkSize	Determines the data chunk size for streaming data types. Streaming data types (for example, resulting from a call to `getBinaryStream()`) are pulled in Stream Chunk Size-sized chunks from the WebLogic Server to the client as needed.	1-65,536 Default: 256	Stream Chunk Size
Targets	This attribute allows the user to select the servers (or clusters) to be used as targets for this datasource.	List Default Null	

JMSConnectionConsumer

The MBean defines a connection consumer.

Attribute	Description	Range of Values and Default	Console Navigation
Destination	The JNDI name of the destination for this connection consumer.	String	
MessagesMaximum	The maximum number of messages that the connection consumer may load at one time into a ServerSession's session.	-1, *n* *n* = 1 through 2^{63} -1 Default: -1	
Name	The name of the MBean. (Required.)	String Default: JMSConnectionConsumerMBean	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
Selector	The defined selector of the connection consumer.	String Default: Null	

JMSConnectionFactory

This element represents a JMS Connection Factory.

Attribute	Description	Range of Values and Default	Console Navigation
AcknowledgePolicy	The value of the Acknowledge Policy attribute for the connection factory. This attribute works around a change in the JMS specification. The value of: ■ All—causes all messages to be acknowledged. ■ Previous—causes previously received messages to be acknowledged. **Note:** Defaulting to "All" represents a change from all versions of JMS prior to release 6.1 of WebLogic Server. The former default was "Previous". For more information about this feature, refer to "Migrating WebLogic JMS Applications" in *Programming WebLogic JMS*.	Previous All Default: All	

Attribute	Description	Range of Values and Default	Console Navigation
AllowCloseInOnMessage	The `allowCloseInOnMessage` attribute for the connection factory. Setting the value to *true* allows you to issue a `stop()` method and a `close()` method from within its `onMessage()` method call, without hanging.	true or false. Default: false	
ClientId	The client ID for a durable subscriber that uses this connection factory.	String Default: N/A	Services: JMS: Connection Factories: Client ID
DefaultDeliveryMode	Defines the default delivery mode for the connection factory. All messages with a deliveryMode of null that are produced on a connection created with this factory receive this value.	Persistent Non-Persistent Default: Persistent	
DefaultPriority	Defines the default priority value for the connection factory. All messages with a priority of -1 that are produced on a connection created with this factory receive this value.	0-9 Default: 4	Services: JMS: Connection Factories: Default Priority
DefaultRedeliveryDelay	Defines the default delay, in milliseconds, before rolled-back or recovered messages are redelivered.	0-*n* *n*=2^{63} -1 Default: 0	Services: JMS: Connection Factories: Default Redelivery Delay
DefaultTime to Deliver	Defines the default delay, in milliseconds, between when a message is produced and when it is made visible on its destination.	0-*n* *n*=2^{63} -1 Default: 0	

Attribute	Description	Range of Values and Default	Console Navigation
DefaultTimeToLive	Defines the default delay, in milliseconds, between when a message is produced and when it is made visible on its destination. All messages with a time-to-live value of -1 that are produced on a connection created with this factory receive this value.	0-*n* $n=2^{63}-1$ Default: 0	Services: JMS: Connection Factories: Default Time to Live
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	
JNDIName	The JNDI name of the JMS ConnectionFactory. This is the name that is assigned to and used to look up the connection factory within the JNDI namespace.	String or null	Services: JMS: Connection Factories: JNDI Name
MessagesMaximum	The maximum number of messages that may exist for an asynchronous session and that have not yet been passed to the message listener. A value of -1 means that there is no limit.	-1, 0- *n* $n=2^{31}-1$ Default: 10	
Name	The name of the MBean and of the JMSConnectionFactory. (Required.)	String Default: N/A	Services: JMS: Connection Factories: Name

Attribute	Description	Range of Values and Default	Console Navigation
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
OverrunPolicy	The value of the message overrun policy for the connection factory. This applies to multicast messages. When the number of outstanding messages reaches the Messages Maximum attribute value, messages are discarded based on the specified policy. If set to KeepNew, the most recent messages are given priority over the oldest messages, and the oldest messages are discarded, as needed. If set to KeepOld, the oldest messages are given priority over the most recent messages, and the most recent messages are discarded, as needed. Message age is defined by the order of receipt, not by the JMSTimestamp value.	KeepNew KeepOld Default: KeepOld	
Targets	Provides a list of potential targets. When a JMS client creates a connection, it will connect to one of these targets, using this factory.	TargetMBean[] Default: No targets are chosen	
TransactionTimeout	The value of the transaction timeout for the connection factory, as expressed in seconds.	0-*n* $n=2^{31}-1$ Default: 3600	

Attribute	Description	Range of Values and Default	Console Navigation
UserTransactionsEnabled	Indicates whether or not a connection factory creates sessions that are JTA aware. If set to "true", the associated message producers and message consumers look into the running thread for a transaction context. However, if the `XAConnectionFactoryEnabled` attribute is enabled, the UserTransactionsEnabled attribute is ignored (since it is always considered true). **Note:** Transacted sessions ignore the current threads transaction context in favor of their own internal transaction, regardless of the setting. This setting only affects non-transacted sessions.	true or false Default: false	
XAConnectionFactoryEnabled	The `XAConnectionFactoryEnabled` attribute for the connection factory. If true, an XAConnection Factory is returned instead of a ConnectionFactory.	true or false Default: false	

JMSDestCommon

This element does not actually appear in the `config.xml` file. The user cannot modify it. However, it is a store for attributes for other JMS elements. The attributes in this element are common to the following other JMS elements: JMSDestination, JMSQueue, JMSTemplate and JMSTopic. They inherit the following attributes from JMSDestCommon element.

Attribute	Description	Range of Values and Default	Console Navigation
BytesMaximum	This is the maximum number of bytes that may be stored in the destination at any one time. A value of -1 specifies that there is no limit.	-1, or *n* *n* = 0 through 2^{63} -1 ≥ BytesThresholdHigh Default: -1	Services: JMS Template: Bytes Maximum
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 a log message is generated. A value of -1 specifies that threshold log messages are disabled.	-1, or *n* *n* = 0 through 2^{63} -1 ≤ BytesMaximum and > BytesThresholdLow Default: -1	Services: JMS Template: Bytes Threshold High
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 a log message is generated. A value of -1 specifies that threshold log messages are disabled.	-1, or *n* *n* = 0 through 2^{63} -1 <BytesThresholdHigh Default: -1	Services: JMS Template: Bytes Threshold Low

Attribute	Description	Range of Values and Default	Console Navigation
DeliveryModeOverride	Defines the delivery mode assigned to all messages that arrive at the destination regardless of the delivery mode specified by the producer. The default value of "No-Delivery" means that there is no override. The default value of "No-delivery", means that there is no override.	Persistent Non-Persistent No-Delivery Default: No-Delivery	Services: JMS Template: Delivery Mode Override
DestinationKey	An array of the destination keys for sorting the destination, ordered from most significant to least significant. A key that is based on JMSMessageID can only be the last key. **Note:** If JMSMessageID is not defined in the key, it is implicitly assumed to be the last key and set as "Ascending" (First In, First Out [FIFO]) for the sort order.	JMSDestinationKeyMBean[] values Default: N/A	
ErrorDestination	A JMSDestinationMBean for the error destination for messages that have reached their redelivery limit. If the error destination is null, such messages are simply deleted.	JMSDestinationMBean[] Default: Null	
MessagesMaximum	The maximum number of messages that can be stored in the destination at any one time. A value of -1 means that there is no limit.	-1 or *n* *n*=0 through 2^{63} -1 $\geq$ MessagesThresholdHigh Default: -1	Services: JMS Template: Messages Maximum

Attribute	Description	Range of Values and Default	Console Navigation
MessagesThresholdHigh	The upper threshold that triggers log messages based on the number of messages stored in the destination. A value of -1 specifies that threshold log messages are disabled.	-1 or *n* *n*=0 through 2^{63} -1 ≤ MessagesMaximum >MessagesThresholdLow Default: -1	Services: JMS Template: Messages Threshold High
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 a log message is generated. A value of -1 specifies that threshold log messages are disabled.	-1 or *n* *n*=0 through 2^{63} -1 <MessagesThresholdHigh	Services: JMS Template: Messages Threshold Low
Name	The name of the MBean. (Required.)	String Default: N/A	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
PriorityOverride	The priority assigned to all messages that arrive at the destination regardless of the priority specified by the message producer. The default value of -1 means that there is no override.	-1 or *n* *n* = 0 through 9 Default: -1	Services: JMS Template: Priority Override
RedeliveryDelayOverride	Defines the delay, in milliseconds, before rolled back or recovered messages are redelivered, regardless of the redelivery-delay specified by the consumer and/or connection factory. The default value of -1 means that there is no override.	-1 or *n* *n*=0 through 2^{63} -1 Default: -1	

Attribute	Description	Range of Values and Default	Console Navigation
RedeliveryLimit	The number of redelivery tries a message can have before it is placed in the error destination. If this limit is reached and no error destination is configured, or the quota for the error destination would be exceeded, then the message is simply deleted. A value of -1 means that there is no limit.	-1 or *n* *n*=0 through 2^{31} -1 Default: -1	
TimeToDeliverOverride	The delay, in milliseconds, before a produced message is made visible on its target destination, regardless of the time-to-deliver specified by the producer and/or connection factory. The default value of -1 means that there is no override. For more information about implementing time-to-deliver values, see *Programming WebLogic JMS.*	A long integer $\geq$ -1. Default: -1	
TimeToLiveOverride	The time-to-live assigned to all messages that arrive at the destination, regardless of the time-to-live specified by the producer. The default value of -1 means that there is no override.	-1 or *n* *n*=0 through 2^{63} -1 Default: -1	Services: JMS Template: Time To Live Override

JMSDestination

This element does not actually appear in the file "config.xml". The user cannot modify it. However, it is a store for attributes for other JMS elements. This element represents a JMS destination, which can be either a queue or a topic. JMSDestination inherits attributes from JMSDestCommon. The JMSQueue and JMSTopic elements inherit attributes from JMSDestination.

Attribute	Description	Range of Values	Default Value
JNDIName	The JNDI name of the destination. This value is the name used to look up the destination within the JNDI namespace. If not specified, the destination name is not advertised through the JNDI namespace.	String	Null
Name	The name of the MBean. (Required.)	String	N/A
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string	Null
StoreEnabled	A string specifying whether or not the destination uses the backing store specified by the JMS server. If the value is: ■ true, but no backing store is defined—the configuration fails to boot. ■ false—the destination does not support persistent messages (i.e. they are downgraded to non-persistent). ■ default—the destination uses the backing store, if one is defined.	true false default	default

Attribute	Description	Range of Values	Default Value
Template	The template from which the destination is derived. If this attribute is not defined, the attributes for the destination must be specified as part of the destination. **Note:** Attributes that are set to their default values inherit their destination values from the template at runtime.	JMSTemplateMBean[]	N/A

JMSDestinationKey

This element represents a key that is used for sorting a destination.

Attribute	Description	Range of Values and Default	Console Navigation
Direction	The direction in which to sort for this key. Choosing "Ascending" for JMSMessageID implies a first-in, first-out (FIFO) sort order (the default for destinations). To use a last-in, first-out (LIFO) sort order, set the value to "Descending".	Ascending Descending Default: Ascending	Services: JMS: Destination Keys: Direction
KeyType	The expected property type for this key.	Boolean Byte Short Int Long Float Double String Default: String	Services: JMS: Destination Keys: Key Type
Name	The name of the MBean and of the key. (Required.)	String Default: N/A	Services: JMS: Destination Keys: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	

Attribute	Description	Range of Values and Default	Console Navigation
Property	The property name for this key. This value indicates a message property name on which to sort. Message header fields that can be sorted on are: ■ JMSCorrelationID ■ JMSDeliveryTime ■ JMSExpiration ■ JMSMessageID ■ JMSPriority ■ JMSRedelivered ■ JMSTimestamp ■ JMSType Message header field keys ignore the key type *and* reference message header fields rather than message properties. To improve performance, it is recommended to use message header fields as sorting keys, rather than message properties.	String Default: N/A	Services: JMS: Destination Keys: Property

JMSFileStore

This element represents a JMS file-based backing store. It extends JMSStoreMBean. A store may be associated with only one JMS server.

Attribute	Description	Range of Values	Default Value
Directory	The directory within which the file-based backing store exists.	String	N/A
Name	The name of the MBean and of the file store (or stores). This name is used as a prefix for names of the store files.	String	N/A
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string	Null

JMSJDBCStore

This element represents a JMS JDBC-based backing store. It extends the JMStore MBean. A store may be associated with only one JMS server. A store may be associated with only one JMS server

Attribute	Description	Range of Values	Default Value
ConnectionPool	The JDBC Connection Pool for this backing store.	JDBCConnectionPoolMBean[]	N/A
Name	The name of the MBean and of the store.	String	N/A
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string	Null
PrefixName	The prefix name of JMS tables in this backing store. Specifying unique prefixes allows multiple stores to exist in the same database. The format of this string is as follows: `[schema.[catalog.]]prefix` **Note:** No two JMS stores should be allowed to use the same database tables, as this results in corruption.	String	N/A

JMSQueue

The element represents a JMS queue. Refer to “JMSDestCommon” on page 2-60 to view these inherited element attributes: BytesMaximum, BytesThesholdLow, DeliveryModeOverride, Destinations, ErrorDestination, JNDIName, MessagesMaximum, MessagesThresholdHigh, MessagesThresholdLow, RedeliveryDelayOverride, StoreEnabled, Template, and TimeToLiveOverride.

JMSServer

This element represents a JMS server.

Attribute	Description	Range of Values and Default	Console Navigation
BytesMaximum	The maximum number of bytes that can be stored in the JMS Server at any one time. A value of -1 means that there is no limit.	Range of values: -1 or *n* *n*= 0 through $2^{63} - 1$ ≤ Bytes Threshold High Default: -1	Services: JMS: Servers: Bytes Maximum
BytesThresholdHigh	The upper threshold that triggers log messages based on the number of bytes stored in the JMS server. A value of -1 specifies that threshold log messages are disabled.	Range of values: -1 or *n* *n*= 0 through $2^{63} - 1$ ≤ Bytes Maximum > Bytes Threshold Low Default: -1	
BytesThresholdLow	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 a log message is generated. A value of -1 specifies that threshold log messages are disabled.	Range of values: -1 or *n* *n*= 0 through $2^{63} - 1$ < Bytes Threshold High Default: -1	
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	

Attribute	Description	Range of Values and Default	Console Navigation
Destinations	An array of destinations that are targeted to the JMS server.	JMSDestinationMBean[] Default: N/A	
MessagesMaximum	The maximum number of messages that may be stored in the JMS server at any one time. A value of -1 means that there is no limit.	Range of values: -1 or *n* *n*= 0 through $2^{63} - 1$ ≥ Messages Threshold High Default: -1	Services: JMS: Servers: Messages Maximum
MessagesThresholdHigh	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 a log message is generated. A value of -1 specifies that threshold log messages are disabled.	-1 or *n* *n*= 0 through $2^{63} - 1$ ≤ Messages Maximum > Messages Threshold Low Default: -1	
MessagesThresholdLow	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 a log message is generated. A value of -1 specifies that threshold log messages are disabled.	-1or *n* *n*= 0 through $2^{63} - 1$ < Messages Threshold High Default: -1	
Name	The name of the MBean and of the JMS server.	String Default: N/A	Services: JMS: Servers: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
SessionPools	An array of session pools defined for the JMS server.	JMSSesssionPoolMBean[] Default: N/A	

Attribute	Description	Range of Values and Default	Console Navigation
Store	The MBean for an existing backing store for the JMS server. A persistent store may only be used by one JMS server. If no store is set, then the JMS server cannot support persistent messages or durable subscribers.	JMSStoreMBean or null Default: Null	Services: JMS: Servers: Store
Targets	Provides a list of potential targets. Currently, a JMS server can have a maximum of one target.	TargetMBean[] Default: No targets are chosen	
TemporaryTemplate	The MBean for an existing 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 cannot be created on the JMS server.	JMSTemplateMBean[] or null Default: Null	Services: JMS: Servers: Temporary Template

JMSSessionPool

This MBean represents a JMS session pool.

Attribute	Description	Range of Values	Default Value
AcknowledgeMode	The acknowledge mode used by non-transacted sessions within a session pool. For transacted sessions, messages are acknowledged automatically when the session is committed, and this field is ignored.	Auto Client Dups-Ok None	Auto
ConnectionConsumers	An array of connection consumers for the session pool.	JMSConnectionConsumerMBean[]	N/A
ConnectionFactory	The JNDI name of the connection factory used by the session pool.	String	Null
ListenerClass	The listener class of the SessionPool.	String	
Name	The name of the MBean. (Required.)	String	N/A
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string	Null
SessionsMaximum	The maximum number of sessions allowed for the SessionPool. This value is the number of concurrent sessions in the session pool. A value of -1 indicates that there is no maximum. This attribute is dynamic.	-1 or *n* *n*=1 through 2^{63} -1	-1
Transacted	Whether or not the session pool creates transacted sessions.	true or false	false

JMSStore

This element does not actually appear in the file “config.xml”. The user cannot modify it. However, it is a store for attributes for other JMS elements. This element represents a JMS backing store, which is a physical repository for storing persistent data. JMSFileStore and JMSJDBCStore elements are dependent on JMSStoreMBean.

Attribute	Description	Range of Values	Default Value
JMSServer	The JMS Server for this store.	JMSServerMBean[]	N/A
Name	The name of the MBean and of the JMSStore.	String	N/A
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string	Null

JMSTemplate

Represents a list of JMS templates. Refer to JMSDestCommon element to view the inherited element attributes: BytesMaximum, BytesThesholdLow, DeliveryModeOverride, Destinations, ErrorDestination, JNDIName, MessagesMaximum, MessagesThresholdHigh, MessagesThresholdLow, RedeliveryDelayOverride, StoreEnabled, Template, and TimeToLiveOverride.

Attribute	Description	Range of Values	Default Value
Destinations	An array of JMSDestinationMBean values for destinations that depend on this template.	JMSDestination MBean[]	N/A

JMSTopic

A type of JMS Destination.This MBean also inherits these attributes from JMSDestCommon: BytesMaximum, BytesThesholdLow, DeliveryModeOverride, Destinations, ErrorDestination, JNDIName, MessagesMaximum, MessagesThresholdHigh, MessagesThresholdLow, RedeliveryDelayOverride, StoreEnabled, Template, and TimeToLiveOverride.

Attribute	Description	Range of Values	Default Value
MulticastAddress	The multicast address used by the destination. A well-formed IP address used to transmit messages to multicast consumers.	A well-formed IP address.	
MulticastPort	The multicast port for the destination. This value is the IP port used to transmit messages to multicast consumers.	1-65535	6001
MulticastTTL	The number of network hops that a multicast message is allowed to travel. The value is the "Time-to-Live" value used for multicasting, specifying the number of routers that the message can traverse en route to the consumers. A value of 1 indicates that the message will not traverse any routers, and is limited to one subnet. This value is independent of the `JMSExpirationTime` value. This attribute is not dynamically configurable.	0-255 inclusive.	1
Name	The name of the MBean. (Required.)	String	N/A
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string	Null

JoltConnectionPool

This element defines a Jolt connection pool.

Attribute	Description	Range of Values and Default	Console Navigation
ApplicationPassword			
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	
FailoverAddresses	The list of failover JSL addresses.		Services: Jolt: Failover Addresses
MaximumPoolSize		Default: 1	
MinimumPoolSize	Initial number of JCP connections.	Default: 0	
Name	The name of the MBean. (Required.)	String Default: N/A	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
PrimaryAddresses	The list of primary JSL addresses.		Services: Jolt: Primary Addresses

Attribute	Description	Range of Values and Default	Console Navigation
RecvTimeout		Default: 0	
SecurityContextEnabled		true or false Default: false	Services: Jolt: Security Context Enabled
Targets	The targets on which this deployment is deployed.		
UserName			
UserPassword	Password for the username user.		
UserRole			

JTA

This element provides access to the JTA configuration attributes. The attributes defined herein are applicable for JTA configuration at the domain level.

Attribute	Description	Range of Values and Default	Console Navigation
AbandonTimeoutSeconds	The transaction abandon timeout in seconds.	Integer, in seconds Default: 86400	Services: JTA: Abandon Timeout Seconds
BeforeCompletionIterationLimit	The maximum number of cycles the transaction manager will perform the beforeCompletion synchronization callback among registered objects.	Integer Default: 10	Services: JTA: Before Completion Iteration Limit
ForgetHeuristics	Indicates whether the transaction manager will automatically perform an XAResource forget operation for transaction heuristic completions.	true or false Default: true	Services: JTA: Forget Heuristics
MaxTransactions	The maximum number of simultaneous in progress transactions allowed on a server.	Integer Default: 10000	Services: JTA: Max Transactions
MaxUniqueNameStatistics	The maximum number of unique transaction names for which statistics will be maintained.	Integer Default: 1000	Services: JTA: Max Unique Name Statistics
Name	The name of the MBean. (Required.)	String Default: N/A	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	

Attribute	Description	Range of Values and Default	Console Navigation
TimeoutSeconds	The transaction timeout in seconds.	Integer Default: 30	Services: JTA: Timeout Seconds

LDAPRealm

This MBean holds the LDAPRealm's configuration properties. It is associated with a CachingRealmMBean.

Attribute	Description	Range of Values	Console Navigation
AuthProtocol	Defines the type of authentication used to authenticate the LDAP server. Set this attribute to one of the following: ■ None for no authentication ■ Simple for password authentication ■ CRAM-MD5 for certificate authentication	none simple CRAM-MD5 Default: none	
Credential	The password that authenticates the LDAP user defined in the Principal attribute. This password is encrypted automatically.	`Default: Null`	
GroupDN	The list of attributes that, when combined with the GroupNameAttribute attribute, uniquely identifies a Group in the LDAP directory. When specifying this attribute, use the following format: `ou=Group, u=acme.com`		
GroupIsContext	Specifies how group membership is recorded in the LDAP directory. 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.	true or false Default: true	
GroupNameAttribute	The name of a group in the LDAP directory. It is usually the common name.	`Default: cn`	

Attribute	Description	Range of Values	Console Navigation
GroupUsernameAttribute	Set this property to the name of the attribute that contains a group member in a group entry.		member
LdapProvider	The name of the class that implements an LDAP directory server. This attribute allows you to use an LDAP directory server other than the one supplied by Sun Microsystems. WebLogic Server supports the following LDAP directory servers: ■ Open LDAP ■ Netscape iPlanet ■ Microsoft Site Server ■ Novell NDS		`com.sun.jndi.ldap.LdapCtxFactory`
LDAPURL	The location of the LDAP server. Change the URL to the name of the computer on which the LDAP server is running and the number of the port at which the LDAP server is listening. If you want WebLogic Server to connect to the LDAP server using the SSL protocol, use the LDAP server's SSL port in the URL.		`ldap://ldapserver:389`
Name	The name of the MBean for the LDAP security realm attributes. (Required.)	String	LDAPRealmMBean
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string	Null
Principal	The distinguished name of the LDAP user that WebLogic Server uses to connect to the LDAP server. This user must be able to list LDAP users and groups.		Null
RealmClassName	The name of the Java class that implements the LDAP Security realm. This class should be included in the `CLASSPATH` of WebLogic Server.		Security: Realms: Realm Class Name

Attribute	Description	Range of Values	Console Navigation
SSLEnable	Enables the use of the SSL protocol to protect communications between the LDAP server and WebLogic Server. Keep in mind the following guidelines: ■ Disable this attribute if the LDAP server is not configured to use the SSL protocol. ■ If you set the UserAuthentication attribute to external, this field must be enabled.	true or false	false
UserAuthentication	Determines the method for allowing or denying a user the right to communicate. Set this attribute to one of the following values: ■ Bind— specifies that the LDAP Security realm retrieves user data, including the password for the LDAP server, and checks the password in WebLogic Server. ■ External—specifies that the LDAP Security realm authenticates a User by attempting to bind to the LDAP server with the username and password supplied by the WebLogic Server client. If you choose the External value, you must also use the SSL protocol. ■ Local—specifies that the LDAP Security realm authenticates a User by looking up the UserPassword property in LDAP directory and checking its value against a set of passwords in WebLogic Server.	bind external local	bind

Attribute	Description	Range of Values	Console Navigation
UserDN	A list of attributes that, when combined with the attributes in the UserNameAttribute attribute uniquely identifies a user in the LDAP directory. When specifying this attribute, use the following format: `ou=Barb.Klock, u=acme.com`		
UserNameAttribute	The login name of a user for the LDAP directory. The value of this attribute can be the common name of user in the LDAP directory but usually it is an abbreviated string, such as the User ID.		
UserPasswordAttribute	If the userAuthenticationProperty is set to "local", then this property is used to find out which property in the LDAP user objects contains the user's password.		userpassword

Log

Defines features of the log file.

Attribute	Description	Range of Values and Default	Console Navigation
FileCount		Default: 7	
FileMinSize		Default: 500	Servers: *servername:* Logging: Rotation: File Min Size
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.	Pathname and filename Default: `/config/`*`domainname`*`/logs/weblogic.log`	`Servers:` *`servername:`* `Logging: General:` *`logfilename`*
FileTimeSpan		Default: 24	Servers: *servername:* Logging: Rotation: File Time Span
Name	The name of the MBean. (Required.)	String Default: N/A	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	

Attribute	Description	Range of Values and Default	Console Navigation
NumberOfFilesLimited		true or false Default: false	Servers: *servername:* Logging: Rotation: Number of Files Limited
RotationType	The rotation type for this log file.	bySize, byTime, or none Default: none	Servers: *servername:* Logging: Rotation: Rotation Type

Machine

This MBean represents a machine on which servers may be booted. A server is bound to a machine by calling to `ServerMBean.setMachine()`. Although it is typical that one MachineMBean refers to one physical machine and vice versa, it is possible to have a multi-homed machine represented by multiple MachineMBeans. The only restriction is that each MachineMBean be configured with non-overlapping addresses.

A configuration may contain one or more of MachineMBeans which may be looked up by their logical names.

Attribute	Description	Range of Values:	Default Value
Addresses	The addresses by which the machine is known.		
Name	The name of the MBean.	String	N/A
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string	Null
StartdPort	The port number that the `startd` is configured to run on this machine.		

MailSession

The MBean for a MailSession resource manager connection factory.

Attribute	Description	Range of Values and Default	Console Navigation
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Default: 1000	
JNDIName			
Name	The name of the MBean. (Required.)	String Default: MailSessionMBean	Services: Mail: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
Properties			Services: Mail: Properties
Targets	The targets on which this deployment is deployed.		

MessagingBridge

This Mbean defines a Messaging Bridge.

Attribute	Description	Range of Values	Default Value
AsyncDisabled		true or false	false
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER	1000
DurabilityDisabled		true or false	false
ForwardingPolicy		Automatic Manual Scheduled	Automatic
MaximumIdleTime Milliseconds			60
Name	The name of the MBean.	String	N/A
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string	Null
QOSDegradationAllowed		true or false	false

Attribute	Description	Range of Values	Default Value
QualityOfService		Exactly-once Atmost-once Duplicate-okay	Exactly-once
ReconnectDelayIncrement			10000
ReconnectDelayInitialMilliseconds			50000
ReconnectDelayMaximumMilliseconds			500000
ScheduleTime			
Selector			
SourceDestination			
TargetDestination			
Targets			
TransactionTimeoutSeconds			30

NodeManager

This MBean is used to represent a NodeManager that is associated with a machine.

Attribute	Description	Range of Values and Default	Console Navigation
Certificate		Default: `config/mydomain/sslrsa.crt`	
CertificatePassword		Default: password	
CertificateType		Default: RSA	
ListenAddress		Default: `localhost`	
ListenPort		Default: 5555	
Logs			
Name	The name of the MBean. (Required.)	String Default: N/A	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	Null
TrustedCertsFile		Default: `config/mydomain/trusted.crt`	

NTRealm

This MBean holds the NT realm's configuration properties. This MBean is associated with CachingRealmMBean.

Attribute	Description	Range of Values	Default Value
Name	The name of the MBean for the WindowsNT SecurityRealm attributes. (Required.)	String	NTRealmMBean
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string	Null
PrimaryDomain	The host and port number of the Windows NT Primary Domain Controller where users and groups are defined for the domain. If entering multiple sets of host and port numbers, delimit them with commas. If the local computer (where the WebLogic Server executes) is the Primary Domain Controller, you can set the property to period (“.”).		Null
RealmClassName	The name of the Java class that implements the WindowsNT Security realm. This attribute is read-only.		Security: Realm: Realm Class Name

PasswordPolicy

Attribute	Description	Range of Values	Default Value
LockoutCacheSize	Specifies the intended cache size of unused, invalid login attempts.	1-99999 In bytes Default: 5	Security: Passwords: Lockout Cache Size
LockoutDuration	Number of minutes that a user's account remains inaccessible after being locked in response to several invalid login attempts within the amount of time specified by `LockoutRestDuration` attribute. In order to unlock a user account, you must have the `unlockuser` permission for `PasswordPolicy`.	0-999999 In minutes Default: 30	Security: Passwords: Lockout Duration
LockoutEnabled	Controls whether or not WebLogic Server tracks invalid login attempts and takes appropriate action.	true or false Default: true	Security: Passwords: Lockout Enabled
LockoutGCThreshold	If the number of current invalid login attempts is equal to or greater than the value of this attribute, WebLogic Server deletes any expired records from the cache. The lower the value of this attribute, the more often WebLogic Server clears the cache which may impact the performance of WebLogic Server. Set the attribute accordingly.	0-99999 Default: 400	

Attribute	Description	Range of Values	Default Value
LockoutResetDuration	Number of minutes within which invalid login attempts must happen in order for the user's account to be locked. An account is locked if the number of invalid login attempts defined in the Lockout Threshold attribute happens within the amount of time defined by this field. For example, if the value in this field is five minutes and three invalid login attempts are made within a six-minute interval, the account is not locked. However, if five invalid login attempts are made within a five-minute period, the account is locked.	1-99999 (minutes) Default: 5	Security: Passwords: Lockout Reset Duration
LockoutThreshold	The number of failed logins for a user that can be tried before that account is locked. Any subsequent attempts to access the account (even if the username/password combination is correct) cause a Security exception, in which case, the account remains locked until it is explicitly unlocked by the system administrator or another login attempt is made after the lockout duration period ends. Note that invalid login attempts must be made within a span defined by the `Lockout Reset Duration` attribute to count toward the value of the `LockoutThreshold` attribute.	1-99999 (attempts) Default: 5	Security: Passwords: Lockout Threshold
MinimumPasswordLength	The minimum number of characters in a password, domain-wide. Passwords must contain at least eight characters.	Integer $\geq$ 8 (characters) Default: 8	Security: Passwords: Minimum Password Length
Name	The name of the MBean for the password policy attributes. (Required.)	String Default: PasswordPolicy MBean	

Attribute	Description	Range of Values	Default Value
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	

RDBMSRealm

This MBean holds the RDBMS realm's configuration properties. This MBean is associated with a CachingRealmMBean. The RDBMSRealms MBean is hard-coded and is part of the product while the rest of the RDBMSRealm is an example which customers are free to change. However, they must live within the configuration parameters of this MBean.

Attribute	Description	Range of Values	Default Value
DatabaseDriver	The Java class name for the database driver used with the RDBMS Security realm.	`Default: COM.cloudscape.core.JDBCDriver`	
DatabasePassword	The password used to login into the database. The password is automatically encrypted.		
DatabaseURL	The location of the database. Change the URL to the name of the computer on which the database is running and the number of the port at which the database is listening.	`Default: jdbc:cloudscape`	
DatabaseUserName	Specifies a username used to login into the database.		
Name	The name of the MBean for the RDBMS Security realm. (Required.)	String Default: RDBMSRealmMBean	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	

Attribute	Description	Range of Values	Default Value
RealmClassName	The name of the Java class that implements the RDBMS Security realm. This class should be included in the CLASSPATH of WebLogic Server.	Default: `examples.security.rdbmsrealm.RDBMSRealm`	Security: Realm: Realm Class Name
SchemaProperties	Specifies the schema properties for manipulating the database.		

Realm

This MBean represents the SecurityMBean's realm properties. It includes the following:

- The configuration parameters for the mandatory `FileRealm`
- The configuration parameters for the optional `CachingRealm`
- Methods to manage Users**,** Groups**,** Acls**,** and Permissions.

RealmMBean extends ConfigurationMBean. If any realm other than the `FileRealm` is used, it is specified by attaching it to a CachingRealmMBean, then attaching the CachingRealmMBean to the RealmMBean. If non-null, an alternate realm is to be used; if null, only the `FileRealm` is to be used.

Attribute	Description	Range of Values	Default Value
Name	The name of the MBean. (Required.)	String Default: N/A	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
ResultsBatchSize	Specifies the batch size (number of `users/groups/acls` per rpc) for returning users/groups/acls. The purpose is to avoid having either have one rpc per `user/group/acl` or one very large rpc that causes overfill of memory.	0-*n* Default: 200	Security: Advanced: Results Batch Size

Security

This MBean represents the security properties of an entire Domain.

Attribute	Description	Range of Value and Default	Console Navigation
AuditProviderClassName	The name of a Java class that implements an audit provider. The audit provider is an implementation of the `weblogic.security.audit.AuditProvider` interface.	Default: Null	Security: General: Audit Provider Class
GuestDisabled	Sets whether or not guest logins can be used to access WebLogic Server resources and services.	true or false Default: true	Security: General: Guest Disabled
Name	The name of the MBean for the security properties. (Required.)	String Default: SecurityMBean	
Notes	Optional user-supplied information about the SecurityMBean.	Alphanumeric string Default: Null	
PasswordPolicy			
Realm			
SystemUser	The name of the system user. You must specify this attribute.	String Default: system	

Server

This class represents a WebLogic Server. A WebLogic Server is a Java process that is a container for J2EE applications.

Attribute	Description	Range of Values and Default	Console Navigation
AdministrationPort		Valid administration port Default: 0	Servers: *servername:* Configuration: General: Administration Port
Cluster	The cluster to which this server belongs.		Servers: *servername:* Configuration: Cluster: Cluster
ClusterRuntime	Returns an Mbean containing runtime information about the cluster that was started from this configuration Mbean. Returns null if no such cluster exists.		Servers: *servername:*
ClusterWeight	The cluster weight (percent) for this server.	Integer Default: 100	Servers: *servername:* Configuration: Cluster: Cluster Weight
DefaultIIOPPassword	The password for the default IIOP user.	Default: guest	Servers: *servername:* Configuration: Protocols: Default IIOP Password

Attribute	Description	Range of Values and Default	Console Navigation
DefaultIIOPUser	The default IIOP user.	Default: guest	Servers: *servername:* Configuration: Protocols: Default IIOP User
DefaultProtocol	The protocol to be used for connections when none is specified.	t3, t3s, http, https, or iiop Default: t3	Servers: *servername:* Configuration: Protocols: Default Protocol
DefaultSecureProtocol	The protocol to be used for secure connections when none is specified.	t3s or https Default: t3s	Servers: *servername:* Configuration: Protocols: Default Secure Protocol
DefaultTGIOPPassword		Default: guest	Servers: *servername:*
DefaultTGIOPUser		Default: guest	Servers: *servername:*
DomainLogFilter		Default: none	Servers: *servername:* Logging: Domain: Domain Log Filter
EnabledForDomainLog		true or false Default: true	Servers: *servername:* Logging: Domain: Log to Domain Logfile
ExpectedToRun	Is this server expected to run if the domain is started?	true or false Default: true	Servers: *servername:*

Attribute	Description	Range of Values and Default	Console Navigation
ExtraRmicOptions	The extra options passed to RMIC during server-side generation.		Servers: *servername:*
HelpPageURL		Default: /docs/admin/help	Servers: *servername:*
HttpdEnabled		true or false Default: true	Servers: *servername:*
IIOPEnabled	Sets whether or not IIOP support is enabled.	true or false Default: true	Servers: *servername:* Configuration: Protocols: Enable IIOP
IdleIIOPConnectionTimeout	Specify the maximum number of seconds an IIOP connection is allowed to be idle before it is closed by the server. This attribute helps guard against server deadlock through too many open connections.	Minimum: 0 Default: 60	Servers: *servername:* Configuration: Protocols: Enable IIOP
InstrumentStackTraceEnabled	If set to true, exception messages include the server-side stack trace.	true or false Default: true	Servers: *servername:* Instrument Stack Traces
InterfaceAddress			Servers: *servername:* Configuration: Cluster: Interface Address
JavaCompiler		Default: javac	Servers: *servername:*
JavaCompilerPostClassPath			Servers: *servername:*

Attribute	Description	Range of Values and Default	Console Navigation
JavaCompilerPreClassPath			Servers: *servername:*
JDBCLogFileName			Servers: *servername:*
JDBCLoggingEnabled	Turns on or off Java Database Connectivity (JDBC) logging. This is very helpful if you want to know what kind of JDBC statements that the WebLogic Server is issuing. The log file, `jdbcxxxx.log`, generally gets placed in the weblogic.Root Directory (make sure there is write permissions in that directory).	true or false Default: false	Servers: *servername:*
JMSDefaultConnectionFactoriesEnabled		true or false Default: true	Servers: *servername:* Services: JMS: Enable Default JMS Connection Factories
JMSThreadPoolSize		Default:15	Servers: *servername:* Services: JMS: JMS Thread Pool Size
JNDITransportableObjectFactoryList			Servers: *servername:*
ListenAddress			Servers: *servername:* Configuration: General: Listen Address
ListenDelaySecs		Default:0	Servers: *servername:*

Attribute	Description	Range of Values and Default	Console Navigation
ListenPort	The server's listen port.	Default:7001	Servers: *servername:* Configuration: General: Listen Port
LoginTimeout	The login timeout for the server.	In milliseconds. Default:1000	Servers: *servername:* Configuration: Tuning: Login Timeout
LoginTimeoutMillis	The interval to wait for a read to fail on login; 0 to disable.	Default:5000	Servers: *servername:*
LogRemoteExceptionsEnabled	Sets whether remote exceptions are to be reported to the log.	true or false Default: false	Servers: *servername:*
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.		Servers: *servername:* Configuration: General: Machine
Name	The name of the MBean. (Required.)	String Default: N/A	Servers: *servername:* Configuration: General: Name
NativeIOEnabled	Sets whether or not native I/O should be enabled.	true or false Default: true	Servers: *servername:* Configuration: Tuning: Enable Native IO
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	Servers: *servername:* Notes

Attribute	Description	Range of Values and Default	Console Navigation
PreferredSecondaryGroup	The preferred replication group for the server's secondaries.		Servers: *servername:* Configuration: Cluster: Preferred Secondary Group
ReplicationGroup	The server's replication group.		Servers: *servername:* Configuration: Cluster: Replication Group
ReverseDNSAllowed	Returns whether or not the kernel is allowed to perform reverse DNS lookups.	true or false Default: false	Servers: *servername:* Configuration: Tuning: Reverse DNS Allowed
RootDirectory	The root directory for the weblogic installation for this server.		Servers: *servername:*
StdoutDebugEnabled	Allows verbose display of server activity. If `StdoutDebugEnabled`="true", `StdoutEnabled`="true", and `StdoutSeverityLevel`="64" (INFO), all messages that would normally go to `weblogic.log` go to the screen where you started up WebLogic Server.	true or false Default: false	Servers: *servername:* Logging: General: Debug to Stdout
StdoutEnabled	Determines if log messages should be logged to the standard out stream. Overrides `StdoutSeverityLevel` and `StdoutDebugEnabled`.	true or false Default: true	Servers: *servername:* Logging: General: Log to Stdout

Attribute	Description	Range of Values and Default	Console Navigation
StdoutSeverityLevel	The minimum severity of a message that should be logged to the stand output device stream. All messages with given severity and higher, qualify. ■ 64 (INFO) ■ 32 (WARNING) ■ 16 (ERROR) ■ 8 (NOTICE) ■ 4 (CRITICAL) ■ 2 (ALERT) ■ 1 (EMERGENCY) **Note:** The lower the number, the higher the severity. See also `StdoutDebugEnabled` and `StdoutEnabled`.	64, 32, 16, 8, 4, 2, 1 Default:16	Servers: *`servername:`* Logging: General: Stdout Severity Threshold
TGIOPEnabled		true or false Default: true	Servers: *`servername:`*
ThreadPoolPercentSocketReaders	The percentage (1-99) of execute threads that may be used as socket readers.	A percentage value from 1-99. Default:33	Servers: *`servername:`* Configuration: Tuning: Socket Readers
TransactionLogFilePrefix		Default: ./	Servers: *`servername:`*
TunnelingClientPingSecs	Interval (in seconds) at which to ping an http-tunneled client to see if it is still alive	In seconds. Default:45	Servers: *`servername:`* Configuration: Tuning: Tunneling Client Ping

Attribute	Description	Range of Values and Default	Console Navigation
TunnelingClientTimeoutSecs	Duration (in seconds) after which a missing http-tunneled client is considered dead.	In seconds. Default:40	Servers: *servername:* Configuration: Tuning: Tunneling Client Timeout
TunnelingEnabled	Enables tunneling via http.	true or false Default: false	Servers: *servername:* Configuration: Tuning: Enable Tunneling
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.		Servers: *servername:*
VerboseEJBDeploymentEnabled		true or false Default: false	Servers: *servername:*
WeblogicPluginEnabled	Set to true if the server will receive requests from a proxy plug-in or HttpClusterServlet. When WeblogicPluginEnabled is true, a call to getRemoteAddr will return the address of the browser client from the proprietary WL-Proxy-Client-IP header, instead of from the web server. WeblogicPluginEnabled is present in ClusterMBean and ServerMBean. The ClusterMBean value overrides the ServerMBean value.	true or false Default: false	WebLogic Plug-in Enabled

Attribute	Description	Range of Values and Default	Console Navigation
WorkspaceShowUserKeysOnly	Controls whether user-inserted items are shown in the WebLogic console.	true or false Default: false	Servers: *servername:* Configuration: Tuning: Show Only Workspace User Keys
XMLEntityCache			Servers: *servername:*
XMLRegistry	Return the XML Registry for the server.		Servers: *servername:* Services: XML: XML Registry
ZACEnabled	Sets whether or not the Zero Admin Client (ZAC) feature is enabled.	true or false Default: true	Servers: *servername:*
ZACPublishRoot	The root (storage) directory on WebLogic for ZAC packages.	Default: exports	Servers: *servername:*

ServerStart

This element is used to configure the attributes necessary to start up a server on a remote machine.

Attribute	Description	Range of Values and Default	Console Navigation
Arguments			Servers: *servername*: Configuration: Start: Arguments
ClassPath			Servers: *servername*: Configuration: Start: Class Path
DebugFlags			Servers: *servername*: Configuration: Start: Debug Flags
Name			
Notes	The name of the MBean. (Required.)	String Default: N/A	
OutputFile	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
SecurityPolicyFile			Servers: *servername*: Configuration: Start: Security Policy File

ShutdownClass

Extends ClassDeploymentMBean.

Attribute	Description	Range of Values and Default	Console Navigation
Arguments			Deployments: Startup & Shutdown: Arguments
ClassName			
Name	The name of the MBean.	String Default: N/A	Deployments: Startup & Shutdown: Arguments
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
Targets	Returns targets on which this deployment is deployed.		

SNMPAgent

The element representing the SNMP Agent Configuration. The SNMP Agent MBean is a singleton for the SNMP Agent Configuration and does not belong to any configuration.

Attribute	Description	Range of Values and Default	Console Navigation
CommunityPrefix	This string is used to form the SNMPCommunityName, which functions as a textual password to authenticate communication with SNMP managers. The community prefix sent by the SNMP manager must match the value configured in this attribute or the SNMP agent returns an error to the requestor. When an SNMP manager sends a community name string to the WebLogic Server SNMP agent, it can take one of three possible forms: ■ *community_prefix@server_name* — the agent returns data only for the specified Managed Server. ■ *community_prefix@domain_name* —the agent returns data for every server in the domain. ■ *community_prefix* —the agent only retrieves data for the Administration Server.	String Default: public	Services: SNMP: Community Prefix

Attribute	Description	Range of Values and Default	Console Navigation
DebugLevel	An integer value between 0 and 3. If it is zero (0), no debug messages are generated. If it is higher than zero, progressively more detailed debug messages are generated as the number gets higher. ■ 0 = NoDebug ■ 1 = Fatal ■ 2 = Critical ■ 3 = Non-Critical	0, 1, 2, 3 Default: 0	Services: SNMP: Debug Level
Enabled	If true, the SNMP Service is enabled. False is the default. The SNMP Service provides the SNMP agent functionality and is a part of the Administration Server. The agent monitors all WebLogic Server resources for the domain. In this release, the Administration Server must be restarted in order for configuration changes to take effect.	true or false Default: false	Services: SNMP: Enabled
MIBDataRefreshInterval	The SNMP agent does not do a GET to obtain the current value of WebLogic Server attributes in response to requests from SNMP managers. Instead, it maintains a cache of all the attribute values and responds to manager requests by obtaining the attribute value from this cache. The MIBDataRefreshInterval is the interval, in seconds, at which the SNMP agent does a complete refresh of the cache. When it does a refresh, it does a GET on all the WebLogic Server attributes represented in the WebLogic Server SNMP MIB.	30-65535, in seconds Default: 120	Services: SNMP: Mib Data Refresh Interval
Name	Name of the MBean. (Required.)		

Attribute	Description	Range of Values and Default	Console Navigation
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
ServerStatusCheckIntervalFactor	This is an integer value greater than zero. The SNMP agent multiplies this number by the MIBDataRefreshInterval to determine how frequently it should check to determine whether ManagedServers in the domain are up or down. The agent obtains this value from the MIB cache. If the ServerStatusCheckIntervalFactor is 1, the WebLogic Server SNMP agent checks whether ManagedServers are up or down at the interval defined in MIBDataRefreshInterval.	Integer, in range from 1-65535, representing seconds. Default: 1	Services: SNMP: Server Status Check Interval Factor
SNMPPort	The port on which the WebLogic Server SNMP agent listens for incoming requests from SNMP managers.	Integer, in range of 1-65535 Default: 161	Services: SNMP: SNMP Port

SNMPAttributeChange

This class describes the settings to receive MBean-attribute change trap. SNMPAttributeChangeMBean extends SNMPTrapSourceMBean

Attribute	Description	Range of Values	Default Value
AttributeMBeanName		String or null.	Services: SNMP: Traps: Attribute Changes: Attribute MBean Name
AttributeMBeanType		String or null.	Services: SNMP: Traps: Attribute Changes: Attribute MBean Type
AttributeName		String or null.	Services: SNMP: Traps: Attribute Changes: Attribute Name
EnabledServers	A list of WebLogic servers for which traps can be generated. If no server is specified, no trap is generated. The syntax for specifying this attribute in config.xml is: `ServersEnabled="Server1, Server2"`	Names of servers to be enabled.	
Name	The name of the MBean. (Required.)		Services: SNMP: Traps: Attribute Changes: Name

Attribute	Description	Range of Values	Default Value
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	

SNMPCounterMonitor

This class describes the criteria for a Counter-based Monitor. A trap is generated when this criteria is satisfied. SNMPCounterMonitorMBean extends SNMPJMXMonitorMBean

Attribute	Description	Range of Values and Default	Console Navigation
EnabledServers	A list of WebLogic servers, traps can be generated for. If no server is specified, no trap is generated. The syntax for specifying this attribute in config.xml is: `ServersEnabled="Server1, Server2"`		Services: SNMP: Traps: Monitors: Counter Monitors: Enabled Servers
Modulus	The Modulus value. If the counter can wrap around its maximum value, then the modulus must be specified. The modulus is the value at which the counter is reset to zero.	Integer, in range of 0-*n* Default: 0	Services: SNMP: Traps: Monitors: Counter Monitors: Modulus
MonitoredAttributeName	The name of an attribute, for JMX Monitor to monitor.	String or null.	Services: SNMP: Traps: Monitors: Counter Monitors: Monitored Attribute Name
MonitoredMBeanName	The name of the MBean, to set JMX Monitor on.	String or null.	Services: SNMP: Traps: Monitors: Counter Monitors: Monitored Bean Name

Attribute	Description	Range of Values and Default	Console Navigation
MonitoredMBeanType	The type of the MBean, to set JMX Monitor on.	String or null.	Services: SNMP: Traps: Monitors: Counter Monitors: Monitored Bean Type
Name	The name of the MBean. (Required.)		Services: SNMP: Traps: Monitors: Counter Monitors: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
Offset	The Offset value. Whenever the threshold is triggered by the counter value reaching a comparison level, that comparison level is increased by the offset value.	Integer, in range of 0-*n* Default: 0	Services: SNMP: Traps: Monitors: Counter Monitors: Offset
PollingInterval	The time interval for monitoring, in seconds.	Integer in range of 0-65535, representing seconds. Default: 0	Services: SNMP: Traps: Monitors: Counter Monitors: Polling Interval
Threshold	The Threshold value of an attribute which, when crossed, a trap is generated.	Integer, in range of 0-*n* Default: 0	Services: SNMP: Traps: Monitors: Counter Monitors: Threshold

SNMPGaugeMonitor

This class describes the criteria for a Gauge-based Monitor. A trap is generated when this criteria is satisfied.

Attribute	Description	Range of Values and Default	Console Navigation
EnabledServers	A list of WebLogic servers, traps can be generated for. If no server is specified, no trap is generated. The syntax for specifying this attribute in config.xml is: `ServersEnabled="Server1, Server2"`		Services: SNMP: Traps: Monitors: Gauge Monitors: Enabled Servers
MonitoredAttributeName	The name of an attribute, for JMX Monitor to monitor.	String or null.	Services: SNMP: Traps: Monitors: Gauge Monitors: Monitored Attribute Name
MonitoredMBeanName	The name of the MBean, to set JMX Monitor on.	String or null.	Services: SNMP: Traps: Monitors: Gauge Monitors: Monitored Bean Name
MonitoredMBeanType	The type of the MBean, to set JMX Monitor on.	String or null.	Services: SNMP: Traps: Monitors: Gauge Monitors: Monitored Bean Type
Name	Name of the MBean. (Required.)		Services: SNMP: Traps: Monitors: Gauge Monitors: Name

Attribute	Description	Range of Values and Default	Console Navigation
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
PollingInterval		Default: 0	Services: SNMP: Traps: Monitors: Gauge Monitors: Polling Interval
ThresholdHigh	The high threshold value. The Threshold value of an attribute which, when crossed, a trap is generated.	Default: 0	Services: SNMP: Traps: Monitors: Gauge Monitors: Threshold High
ThresholdLow	The low threshold value. The Threshold value of an attribute which, when crossed, a trap is generated.	Default: 0	Services: SNMP: Traps: Monitors: Gauge Monitors: Threshold Low

SNMPLogFilter

This element represents a filter to qualify log messages which are logged to the server log file. A message must qualify criteria specified as a filter in order to generate a trap. Multiple instances of this element can be defined, if needed. If there are multiple instances, a message must qualify at least one filter to qualify for the server log file.

Attribute	Description	Range of Values and Default	Console Navigation
EnabledServers			
MessageIds	The list of message IDs or ID ranges whose messages qualify for this filter. If no IDs are specified, messages from all IDs qualify.	Sample values are 20,50-100,300	Services: SNMP: Traps: Log Filters: Message Ids
MessageSubstring	A substring which qualifying messages must contain. If no substring is specified, all messages qualify.	String	Services: SNMP: Traps: Log Filters: Message Substring
Name	Name of the MBean. (Required.)		Services: SNMP: Traps: Log Filters: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	

Attribute	Description	Range of Values and Default	Console Navigation
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 ■ 64 (INFO) ■ 32 (WARNING) ■ 16 (ERROR) ■ 8 (NOTICE) ■ 4 (CRITICAL) ■ 2 (ALERT) ■ 1 (EMERGENCY)	64, 32, 16, 8, 4, 2, 1 Default: 16	Services: SNMP: Traps: Log Filters: Severity Level
SubsystemNames	The list of subsystems whose messages qualify for this filter. If none are specified, messages from all subsystems qualify.	String	Services: SNMP: Traps: Log Filters: Subsystem Names
UserIds	The list of users whose messages qualify for this filter. If no IDs are specified, messages from all user IDs qualify.	String	Services: SNMP: Traps: Log Filters: User Ids

SNMPProxy

The element representing the SNMP agents to be proxied by the current one.

Attribute	Description	Range of Values and Default	Console Navigation
Community	SNMP community to be passed on for all requests to the proxied agent. This is optional. By default, same as the community contained in the incoming SNMP requests to this Master SNMP agent.	Valid string or null. Default: N/A	Services: SNMP: Proxies: Community
oidRoot	The root OID on which the proxied agent will be responding. This is mandatory.	Valid OID or null.	Services: SNMP: Proxies: Oid Root
Port	The port on which the proxied agent will be listen for SNMP requests. This is mandatory.	0-65535 Default: 0	Services: SNMP: Proxies: Port
Timeout	An interval, in milliseconds, at which the requests made to the proxied agent would time out.	0-*n* milliseconds Default: 5000	Services: SNMP: Proxies: Timeout

SNMPStringMonitor

Describes the criteria for a String-based Monitor. A trap will be generated when this criteria is satisfied. SNMPStringMonitor extends SNMPJMXMonitor.

Attribute	Description	Range of Values and Default	Console Navigation
EnabledServers			Services: SNMP: Traps: Monitors: String Monitors: Enabled Servers
MonitoredAttributeName	The name of an attribute, for JMX Monitor to monitor.	String or null.	Services: SNMP: Traps: Monitors: String Monitors: Monitored Attribute Name
MonitoredMBeanName	The name of the MBean, on which to set JMX Monitor.	String or null.	Services: SNMP: Traps: Monitors: String Monitors: Monitored MBean Name
MonitoredMBeanType	The type of the MBean, on which to set JMX Monitor.	String or null.	Services: SNMP: Traps: Monitors: String Monitors: Monitored Bean Type
Name	Name of the MBean. (Required.)		Services: SNMP: Traps: Monitors: String Monitors: Name

Attribute	Description	Range of Values and Default	Console Navigation
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
NotifyDiffer	If true, then send trap when strings compared mismatch.	true or false. Default:	Services: SNMP: Traps: Monitors: String Monitors: Notify Differ
NotifyMatch		true or false Default: false	Services: SNMP: Traps: Monitors: String Monitors: Notify Match
PollingInterval		Default: 0	Services: SNMP: Traps: Monitors: String Monitors: Polling Interval
StringToCompare	The string which will be compared against the value of the specified element attribute.	String or null.	Services: SNMP: Traps: Monitors: String Monitors: String To Compare

SNMPTrapDestination

This element holds all the destinations to which SNMP traps can be sent.

Attribute	Description	Range of Values	Default Value
Community	The SNMP trap community name. It functions as a password for sending trap notifications to the target SNMP manager.	Valid string or null Default: public	Services: SNMP: Trap Destinations: Community
Host	A string that contains either host name or IP address of the machine of the SNMP manager that is a target for SNMP trap notifications sent by the WebLogic Server SNMP Agent.	Valid hostname or null. Default: `localhost`	Services: SNMP: Trap Destinations: Host
Name	User-provided name for this destination.	String Default: N/A	Services: SNMP: Trap Destinations: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
Port	The port that is used for sending SNMP trap notifications to the target SNMP manager.	1-65535 Default: 162	Services: SNMP: Trap Destinations: Port

SSL

This element represents the configuration of Secure Socket Layer (SSL) for clients.

Attribute	Description	Range of Values and Default	Console Navigation
CertAuthenticator	Specifies the name of the Java class that implements the `weblogic.security.acl.CertAuthenticator` class. The class maps the digital certificate of a client to a WebLogic Server User. The `weblogic.security.acl.CertAuthenticator` class has an `authenticate()` method that WebLogic Server calls after validating the digital certificate presented by the client.		Server: *`servername`*: Configuration: SSL: Cert Authenticator
CertificateCacheSize	The number of certificates held that have not been redeemed by tokens.	1-`java.lang.Integer.MAX_VALUE` Default: 3	Server: *`servername`*: Configuration: SSL: Certificate Cache Size

Attribute	Description	Range of Values and Default	Console Navigation

Ciphersuites	Specifies the cipher suite being used on a particular WebLogic Server.	`SSL_NULL_WITH_NULL_NULL`
		`SSL_RSA_EXPORT_WITH_RC4_40_MD5`
		`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`
		Default: SSL_RSA_EXPORT_WITH_RC4_40_MD5	

ClientCertificateEnforced	Defines whether or not clients must present digital certificates from a trusted certificate authority to WebLogic Server.	true or false Default: false	Server: *`servername`*: Configuration: SSL: Client Certificate Enforced

Attribute	Description	Range of Values and Default	Console Navigation
Enabled	Enables the use of the SSL protocol on a particular WebLogic Server.	true or false Default: false	Server: *servername*: Configuration: SSL: Enabled
ExportKeyLifespan	Specifies the number of times WebLogic Server can use an exportable key between a domestic server and an exportable client before generating a new key. The more secure you want WebLogic Server to be, the fewer times the key should be used before generating a new one.	1-`java.lang.Integer.MAX_VALUE` Default: Use the key 500 times	Server: *servername*: Configuration: SSL: Export Key Lifespan

Attribute	Description	Range of Values and Default	Console Navigation
HandlerEnabled	Specifies whether or not WebLogic Server rejects SSL connections that fail client authentication for one of the following reasons: ■ The requested client digital certificate was not furnished. ■ The client did not submit a digital certificate ■ The digital certificate from the client was not issued by a certificate authority specified by the `Trusted CA Filename` attribute. By default, the SSL Handler allows one WebLogic Server to make outgoing SSL connections to another WebLogic Server. For example, an EJB in WebLogic Server may open an HTTPS stream on another web server. With the `HandlerEnabled` attribute enabled, WebLogic Server acts as a client in an SSL connection.	true or false Default: true	Server: *`servername`*: Configuration: SSL: Handler Enabled

Attribute	Description	Range of Values and Default	Console Navigation
HostnameVerificationIgnored	Disables the installed `HostnameVerifier` when WebLogic Server is acting as a client to another WebLogic Server.	true or false Default: false	
HostnameVerifier	The name of the Java class that implements the Hostname Verifier interface.		Server: *`servername`*: Configuration: SSL: Hostname Verifier
KeyEncrypted	Specifies whether or not the private key for the WebLogic Server has been encrypted with a password. ■ If the attribute is set to true, the private key requires a pass phrase be supplied to use the key. ■ If the attribute is set to false, the private key is unencrypted and may be used without providing a pass phrase.	true or false Default: false	Server: *`servername`*: Configuration: SSL: Key Encrypted
ListenPort	The dedicated port at which the WebLogic Server listens for SSL connection requests.	1-`java.lang.Integer.MAX_VALUE` Default: 7002	Server: *`servername`*: Configuration: SSL: Listen Port

Attribute	Description	Range of Values and Default	Console Navigation
LoginTimeoutMillis	The number of milliseconds that WebLogic Server should wait for an SSL connection before timing out. SSL connections take longer to negotiate than regular connections. If clients are connecting over the Internet, raise the default number to accommodate additional network latency. A value of 0 disables the attribute.	1-`java.lang.Integer.MAX_VALUE`, in milliseconds. Default: 25000	Server: *`servername`*: Configuration: SSL: Login Timeout Millis
Name	The name of the MBean. (Required.)	String Default: SSLMBean	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
ServerCertificateChainFileName	The full directory location and name of the file containing an ordered list of certificate authorities trusted by WebLogic Server. The `PEM` file extension indicates the method that should be used to read the file. Note that the digital certificate for WebLogic Server should not be stored in this file.	Pathname Default: `server-certchain.pem` **Note:** You cannot use absolute pathname for SSL Certificate files. You must use a pathname relative to weblogic.RootDirectory or by default the directory where you started the WebLogic Server	Server: *`servername`*: Configuration: SSL: Server Certificate Chain File Name

Attribute	Description	Range of Values and Default	Console Navigation
ServerCertificateFileName	The full directory location and name of the digital certificate for WebLogic Server. The file extension (`.DER` or `.PEM`) indicates the method that should be used to read the contents of the file.	Pathname Default: `server-cert.der` **Note:** You cannot use absolute pathname for SSL Certificate files. You must use a pathname relative to weblogic.RootDirectory or by default the directory where you started the WebLogic Server	Server: *`servername`*: Configuration: SSL: Server Certificate File Name
ServerKeyFileName	The full directory location and name of the private key file for WebLogic Server. The file extension (.PEM) indicates the method that should be used to read the file.	Pathname Default: `server-key.der` **Note:** You cannot use absolute pathname for SSL Certificate files. You must use a pathname relative to weblogic.RootDirectory or by default the directory where you started the WebLogic Server	Server: *`servername`*: Configuration: SSL: Server Key File Name

Attribute	Description	Range of Values and Default	Console Navigation
TrustedCAFileName	The name of the file that contains the digital certificate(s) for the certificate authority(s) trusted by WebLogic Server. The file specified in this attribute can contain a single digital certificate or multiple digital certificates for certificates. The file extension (`.DER` or `.PEM`) tells WebLogic Server how to read the contents of the file.	String Default: `trusted-ca.pem` **Note:** You cannot use absolute pathname for SSL Certificate files. You must use a pathname relative to weblogic.RootDirectory or by default the directory where you started the WebLogic Server	Server: *`servername`*: Configuration: SSL: Trusted CA File Name
UseJava	Enables the use of native Java libraries. WebLogic Server provides a pure-Java implementation of the SSL protocol. Native libraries enhance the performance for SSL operations on the Solaris, Windows NT, and IBM AIX platforms.	true or false Default: true	Server: *`servername`*: Configuration: SSL: Use Java

StartupClass

Extends ClassDeploymentMBean. Returns true or false if a startup failure is fatal, when starting the server.

Attribute	Description	Range of Values and Default	Console Navigation
Arguments			Deployments: Startup & Shutdown: Arguments
ClassName			
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Default: 1000	Deployments: Startup & Shutdown: Deployment Order
FailureIsFatal		true or false Default: false	
Name			Deployments: Startup & Shutdown: Name
Notes			
Targets			

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/docs61/ConsoleHelp/unixmachine.html`.

Attribute	Description	Range of Values and Default	Console Navigation
Addresses	The addresses by which the machine is known.		
Name	The name of the MBean.	String Default: N/A	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: null	
PostBindGID	The UNIX GID a server running on this machine will run under after it has carried out all privileged startup actions.	Unix GID or null Default: null	
PostBindGIDEnabled	This attribute allows the user to enable or disable the post-bind GID.	Boolean True = Selected False = Not Selected Default value: Not Selected	

Attribute	Description	Range of Values and Default	Console Navigation
PostBindUID	The UNIX UID a server running on this machine will run under after it has carried out all privileged startup actions.	Unix UID or null Default value: null	
PostBindUIDEnabled	This attribute allows the user to enable or disable the post-bind UID.	Boolean True = Selected False = Not Selected Default value: Not Selected	
StartdPort	The port number that the `startd` is configured to run on this machine.		

UnixRealm

This MBean holds the UnixRealm's configuration properties. It is associated with CachingRealmMBean.

Attribute	Description	Range of Values and Default	Console Navigation
AuthProgram	The name of the program used to authenticate users in the UNIX security realm. In most cases, the name of the program is `wlauth`. The authentication program must run `setuid root`. ■ If the program name is `wlauth` and is in the `CLASSPATH`, you need not explicitly set this attribute; leave this property blank. ■ If the program name is different than `wlauth`, or if it is not in the `CLASSPATH` of WebLogic Server, specify this property.	Default: `wlauth`	
Name	The name of the MBean for the UNIX security realm attributes. (Required.)	String Default: UnixRealmMBean	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
RealmClassName	The name of the Java class that implements the UNIX Security Realm. This attribute is read-only.		Security: Realms: Realm Class Name

VirtualHost

This MBean represents the configuration of virtual web server within a WebLogic Server. Note that a server may define multiple web servers to support virtual hosts.

Note: This element represents a virtual host.

Attribute	Description	Range of Values and Default	Console Navigation
AuthCookieEnabled	Enables use of additional secure AuthCookie to make access to https pages with security constraints more secure. The session cookie will not be sufficient to gain access.	Required: no Default: false Secure value: true	
Charsets			
ClusteringEnabled		true or false Default: false	
DefaultServerName			Servers: *servername*: Configuration: HTTP: Default Server Name
DefaultWebApp			Servers: *servername*: Configuration: HTTP: Default Web Application

Attribute	Description	Range of Values and Default	Console Navigation
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	
HttpsKeepAliveSecs		In seconds. Default: 60	Servers: *`servername:`* Configuration: HTTP: HTTPS Duration
KeepAliveEnabled	Returns whether or not HTTP keep-alive is enabled.	true or false Default: true	Servers: *`servername`*: Configuration: HTTP: Enable Keep Alives
KeepAliveSecs		Default: `30`	Servers: *`servername:`* Configuration: HTTP: Duration
LogFileBufferKBytes	Sets HTTP request log buffer size.	Default: `8`	
LogFileFlushSecs	Frequency (seconds) with which the log file should be flushed.	Integer Default: 60	Server: *`servername`*: Logging: HTTP: Flush Every
LogFileFormat	The format of the HTTP log file, common or extended.	common, extended Default: common	Services: Virtual Host: Log File Format

Attribute	Description	Range of Values and Default	Console Navigation
LogFileName	The HTTP request log file	Default: `access.log`	Services: Virtual Host: Log File Name
LoggingEnabled		true or false Default: true	
LogRotationPeriodMins		Default: `1440`	
LogRotationTimeBegin			
LogRotationType	The method by which to rotate the log file.	size or date Default: size	Servers: *`servername:`* Logging: Rotation: Rotation Type
MaxLogFileSizeKBytes		Default: `0`	Servers: *`servername`*: Logging: HTTP: Max Log File Size K Bytes
MaxPostSize		Default: -1	Servers: *`servername:`* Configuration: HTTP: Max Post Size
MaxPostTimeSecs		Default: -1	Servers: *`servername:`* Configuration: HTTP: Max Post Time
Name	The name of the MBean. (Required.)	String Default: Null	

Attribute	Description	Range of Values and Default	Console Navigation
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
PostTimeoutSecs	Timeout (in seconds) for reading HTTP POST data in a servlet request.	Integer Default: 30	Servers: *servername*: Configuration: HTTP: Post Timeout Secs
SendServerHeaderEnabled	When true, WebLogic Server version information is included in the HTTP "Server" header.	true or false Default: true	
Targets	The targets on which this deployment is deployed.		
URLResource			
VirtualHostNames	The host name for which this web server will serve requests.		Services: Virtual Hosts: Virtual Host Names
WAPEnabled		true or false Default: false	Servers: *servername*: Configuration: HTTP: WAP Enabled

WebAppComponent

Extends Component and WebDeployment elements

Attribute	Description	Range of Values and Default	Console Navigation
Application	The application this component is a part of. This is guaranteed to never be null.		
AuthRealmName		Default: `weblogic`	Deployments: Web Applications: *`applicationname`*: Configuration: Other: Auth Realm Name
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	Deployments: Web Applications: *`applicationname`*: Configuration: General: Deployment Order

Attribute	Description	Range of Values and Default	Console Navigation
IndexDirectoryEnabled	Return whether or not to automatically generate an HTML directory listing if no suitable index file is found.	true or false Default: false	Deployments: Web Applications: *applicationname*: Configuration: Files: Index Directories
Name	The name of the MBean. (Required.)	String Default: N/A	Deployments: Web Applications: *applicationname*: Configuration: General: Name
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	Deployments: Web Applications: Notes
PreferWebInfClasses	Set this flag to true to cause classes in `WEB-INF` to be loaded before classes in the system `CLASSPATH`.	true or false Default: false	
ServletExtensionCaseSensitive		true or false Default: false	Deployments: Web Applications: *applicationname*: Configuration: Files: Case Sensitive Extensions

Attribute	Description	Range of Values and Default	Console Navigation
ServletReloadCheckSecs		Default: `1`	Deployments: Web Applications: *`applicationname`*: Configuration: Files: Reload Period
SessionMonitoringEnabled	If true, runtime Mbeans will be created for sessions, otherwise, they will not.		
SingleThreadedServletPoolSize		Default: `5`	Deployments: Web Applications: *`applicationname`*: Configuration: Files: Single Threaded Servlet Pool Size
Targets	The targets on which this deployment is deployed.		
URI	A Uniform Resource Identifier (URI) pointing to the application component, usually found on the Admin server. (Required.)	Valid string	Deployments: Web Applications: *`applicationname`*: Configuration: General: URI
WebDescriptor			
WebServers			

WebServer

This element represents the configuration of a virtual web server within a WebLogic server. Note that a server may define multiple web servers to support virtual hosts.

Note: This element represents a virtual host.

Attribute	Description	Range of Values and Default	Console Navigation
AuthCookieEnabled	Enables use of additional secure AuthCookie to make access to https pages with security constraints more secure. The session cookie will not be sufficient to gain access.	Required: no Default: false Secure value: true	
Charsets	User-defined mapping between internet and Java charset names.		
ClusteringEnabled	Enables HTTP clustering.	true or false Default: false	

Attribute	Description	Range of Values and Default	Console Navigation
DefaultServerName	This attribute allows you to set the HTTP default server name. You can thus specify the servername for any HTTP request/response. Otherwise, the hostname passed in the HTTP header is used. If the hostname is not present in the header it defaults to system name. This feature is especially useful when using proxy servers that might change the HTTP request going to WebLogicServer. If the header is changed or not set, then the client will not be directed back to the proxy, but rather to the actual WebLogicServer instance.	The name of a valid server	Servers: *servername*: Configuration: HTTP: Default Server Name
DefaultWebApp			Servers: *servername*: Configuration: HTTP: Default Web Application
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	
HttpsKeepAliveSecs	Number of seconds to maintain HTTPS keep-alive before timing out the request.	Default: 60	Servers: *servername:* Configuration: HTTP: HTTPS Duration

Attribute	Description	Range of Values and Default	Console Navigation
KeepAliveEnabled		true or false Default: true	Servers: *servername*: Configuration: HTTP: Enable Keep Alives
KeepAliveSecs	Number of seconds to maintain HTTP keep-alive before timing out the request.	Default: 30	
LogFileBufferKBytes		Default: 8	
LogFileFlushSecs	Frequency (seconds) with which the log file should be flushed.	Default: 60	Server: *servername*: Logging: HTTP: Flush Every
LogFileFormat	The format of the HTTP log file, common or extended.	common or extended Default: common	
LogFileName	The HTTP request log file.	Default: `access.log`	
LoggingEnabled		true or false Default: true	
LogRotationPeriodMins		Default: `1440`	
LogRotationTimeBegin			
LogRotationType	The methodology by which the log file is turned over.	size, date Default: size	Servers: *servername:* Logging: HTTP: Rotation Type
MaxLogFileSizeKBytes		Default: 0	Servers: *servername*: Logging: HTTP: Max Log File Size Kbytes

Attribute	Description	Range of Values and Default	Console Navigation
MaxPostSize		Default: -1	Servers: *servername:* Configuration: HTTP: Max Post Size
MaxPostTimeSecs		Default: -1	Servers: *servername:* Configuration: HTTP: Max Post Time
Name	The name of the MBean. (Required.)	String Default: N/A	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	
PostTimeoutSecs	Timeout (in seconds) for reading HTTP POST data in a servlet request.	Default: 30	Servers: *servername*: Configuration: HTTP: Post Timeout Secs
SendServerHeaderEnabled		`true or false` Default: true	
Targets	Returns targets on which this deployment is deployed.		
URLResource			
WAPEnabled		true or false Default: false	

WLECConnectionPool

This MBbean defines a WLEC connection pool.

Attribute	Description	Range of Values and Default	Console Navigation
ApplicationPassword	The password for the WebLogic Enterprise application. This attribute is required when the security level in the WLE domain is `APP_PW`, `USER_AUTH`, `ACL`, or `MANDATORY_ACL`.		
CertificateAuthenticationEnabled	Set to true to enable certificate-based authentication.	true or false Default: false	
DeploymentOrder	The order to be used for deployment. Ordering is with respect to other deployable units within the same class only. A lower deployment order value deploys before a higher one. There is no guarantee of the order of deployments with equal `DeploymentOrder` values. There is no guarantee of ordering deployments across clusters.	Minimum: MIN_ORDER Maximum: MAX_ORDER Default: 1000	
FailoverAddresses	A list of addresses for IIOP Listener/Handlers that are used if connections cannot be established with the addresses defined in the Primary Addresses field. Multiple addresses are separated by semicolons.		Services: WLEC: Failover Addresses
MaximumEncryptionLevel	■ q	0,40,56,128 Default: 40	

Attribute	Description	Range of Values and Default	Console Navigation
MaximumPoolSize	The maximum number of IIOP connections that can be made from the WLEC connection pool when WebLogic Server starts.	Default: 1	Services: WLEC: Maximum Pool Size
MinimumEncryptionLevel	The minimum SSL encryption level used between the WLE domain and WebLogic Server. If this minimum level of encryption is not met, the SSL connection between the WLE domain and WebLogic Server fails. ■ Zero (0) indicates that the data is signed but not sealed. ■ 40, 56, and 128 specify the length, in bits, of the encryption key.	Default: 40	
MinimumPoolSize	The number of IIOP connections to be added to the WLEC connection pool when WebLogic Server starts.	Default: 1	Services: WLEC: Minimum Pool Size
Name	The name of the MBean for WLEC connection pools. (Required.)	String Default: WLECConnectionPoolMBean	
Notes	Optional user-supplied information about the WLECConnectionPoolMBean.	Alphanumeric string Default: Null	

Attribute	Description	Range of Values and Default	Console Navigation
PrimaryAddresses	A list of addresses for IIOP Listener/Handlers that can be used to establish a connection between the WLEC connection pool and the WLE domain. The format of each address is `//hostname:port`. The addresses must be match the ISL addresses defined in the `UBBCONFIG` file. Multiple addresses are separated by commas. For example: `//main1.com:1024, //main2.com:1044`. To configure the WLEC connection pool to use the SSL protocol, use the `corbalocs` prefix with the address of the IIOP Listener/Handler. For example: `corbalocs://hostname:port`.		Services: WLEC: Primary Addresses
SecurityContextEnabled	Enables the passing of the security context of the WebLogic Server User to the WLE domain.	true or false Default: false	
Targets	The targets on which this deployment is deployed.		
UserName	The user name for the BEA Tuxedo CORBA application. Whether or not this attribute is required depends on the security level of the CORBA application. This attribute is required only when the security level in the BEA Tuxedo domain is `USER_AUTH`, `ACL`, or `MANDATORY_ACL`.		
UserPassword	The password for the user defined in the UserName attribute. This attribute is required only when you define the UserName attribute.		
UserRole	The WebLogic Enterprise user role. This attribute is required when the security level in the WebLogic Enterprise domain is `APP_PW`, `USER_AUTH`, `ACL`, or `MANDATORY_ACL`.		

Attribute	Description	Range of Values and Default	Console Navigation
WLEDomain	The name of the WLE domain to which this WLEC connection pool connects. You can have only one WLEC connection pool per WLE domain. The domain name must match the `domainid` parameter in the `RESOURCES` section of the `UBBCONFIG` file for the WLE domain.		

XMLEntityCache

Used to configure WebLogic Server to retrieve and cache external entities from external repositories that support an HTTP interface, such as a URL. You can configure WebLogic Server to cache the external entity in memory or on the disk and specify how long the entity should remain cached before it is considered out of date.

Attribute	Description	Range of Values and Default	Console Navigation
CacheDiskSize	Size, MB, of the persistent disk cache.	Zero (0) to the maximum disk size of your computer. Default: 5	Servers: *servername*: Services: XML: Cache Disk Size
CacheLocation	Pathname of the directory that contains the persistent entity files. If you specify a relative pathname, it is relative to the main WebLogic Server installation directory.	Pathname Default: `xmlcache`	
CacheMemorySize	Size, in KB, of the cache memory.	Zero (0) to the maximum memory size of your computer. Default: 500	Servers: *servername*: Services: XML: Cache Memory Size
CacheTimeoutInterval	Number of seconds after which external entities in the cache become stale after they have been cached by WebLogic Server.	Integer Default: 120	Servers: *servername*: Services: XML: Cache Timeout Interval
Name	Name of the entity cache.	String Default: XMLCacheMbean	

Attribute	Description	Range of Values and Default	Console Navigation
Notes	Optional user-defined comments about this element.	String Default: N/A	

XMLEntitySpecRegistryEntry

This is an entry in the XML registry. An XML registry entry is configuration information associated with a particular XML document type. Entries accessed through this interface are used to specify a local instance for a remote entity reference.

For this type of registry entry the document type is identified by either or both of the following:

- a public ID (e.g, "`-//Sun Microsystems, Inc.//DTD Enterprise JavaBeans 2.0//EN`"
- a system ID (e.g, "`http://java.sun.com/j2ee/dtds/ejb-jar_2_0.dtd`")

Note: This configuration information is used by the WebLogic JAXP implementation to set up SAX EntityResolvers.

Attribute	Description	Range of Values and Default	Console Navigation
CacheTimeoutInterval	Number of seconds after which external entities in the cache become stale after they have been cached by WebLogic Server.	Integer Default: -1 (defer to global caching setting)	
EntityURI	Either the URL of an external entity on the Web or stored in a repository, or the pathname of a copy of the entity file in the Administration Server.	String Default: N/A	
Name	Internal name of the registry entry to configure external entities.	String Default: N/A	
Notes	Optional user-defined comments about this element.	String Default: N/A	

Attribute	Description	Range of Values and Default	Console Navigation
PublicId	The Public ID used to identify the external entity.	String Default: N/A	
SystemId	The System ID used to identify the external entity.	String Default: N/A	
WhenToCache	Specifies whether you want WebLogic Server to cache an external entity referenced by a URL the first time the entity is referenced in an XML document, when WebLogic Server starts, or to use the global caching setting.	`cache-on-reference`, `cache-at-initialization`, `defer-to-registry-setting` Default: `defer-to-registry-setting`	

XmlFileRepository

Extends Repository element. Repository element is defined as an interface implemented by all configuration repository. A repository is an element that knows how to access and store configurations to a type of back-end, such as a file system or a database.

Attributes	Description	Range of Values and Default	Console Navigation
Directory	The directory in which the Domain Configuration (.dom) files are found.	An existing directory.	
Domains			
Name	The name of the MBean. (Required.)	String Default: N/A	
Notes	Optional user-supplied information about this configuration MBean.	Alphanumeric string Default: Null	

XMLParserSelectRegistryEntry

This is an entry in the XML registry. An XML registry entry is configuration information associated with a particular XML document type. Entries accessed through this interface are used to specify a default parser or transformation factory for WebLogic server, or a parser for a particular document type.

The document type is identified by one or more of the following:

- a public ID(e.g, "`-//Sun Microsystems, Inc.//DTD Enterprise JavaBeans 2.0//EN`")
- a system ID (e.g, "`http://java.sun.com/j2ee/dtds/ejb-jar_2_0.dtd`")
- a document root tag name (e.g., "`ejb-jar`")

Note: This configuration information is used by the WebLogic JAXP implementation to choose the appropriate parser and transformation factories.

Attribute	Description	Range of Values and Default	Console Navigation
DocumentBuilderFactory	The DocumentBuilderFactory implementation classes used to do DOM-style parsing for this XML document type.	String Default: N//A	Services: XML Registries: Document Builder Factory
Name	Internal name of the registry entry to configure parsers and transformers.	String Default: N/A	
Notes	Optional user-defined comments about this element.	String Default: N/A	
ParserClassName	**Note:** Do NOT use this attribute. It is deprecated.		

Attribute	Description	Range of Values and Default	Console Navigation
PublicId	Public ID of the XML document type for which the parser is being configured.	String Default: N/A	
RootElementTag	Root element name of the XML document type for which the parser is being configured.	String Default: N/A	
SaxParserFactory	The SaxParserFactory implementation classes used to do SAX-style parsing for this XML document type.	String Default: N/A	Services: XML Registries: Sax Parser Factory
SystemId	System ID of the XML document type for which the parser is being configured.	String Default: N/A	
TransformerFactory	Not used by WebLogic Server.		

XMLRegistry

Used to configure default parsers and transformers for WebLogic Server, the parser used by a particular document type, and external entity resolution for a particular document type.

Attribute	Description	Range of Values and Default	Console Navigation
DocumentBuilderFactory	This attribute allows the user to set the default Document Builder Factory for the server. This attribute determines the default factory for all server applications that use DOM to parse documents. To override the default factory for a particular document type definition (DTD), use the Parser Name Class attribute in the XML Registry Entries element.	String Default: `weblogic.apache.xerces.jaxp.DocumentBuilderFactoryImpl`	Services: XML Registries: Document Builder Factory
Name	Name of the XML Registry.	String Default: N/A	
Notes	Optional user-defined comments about this element.	String Default: N/A	

Attribute	Description	Range of Values and Default	Console Navigation
SaxParserFactory	This attribute allows the user to set the default SAX Parser Factory for the server. This attribute determines the default factory for all server applications that use SAX to parse documents. To override the default factory for a particular document type definition (DTD) or to use a custom-generated SAX parser, use the Parser Name Class attribute on the XML Registry Entries element.	String Default: `weblogic.apache.xerces.jaxp.SAXParserFactoryImpl`	Services: XML Registries: Sax Parser Factory
TransformerFactory	The TransformerFactory classes that implement the JAXP interfaces for transforming XML documents.	String `weblogic.apache.xalan.processor.TransformerFactoryImpl`	
WhenToCache	Specifies whether you want WebLogic Server to cache an external entity referenced by a URL the first time the entity is referenced in an XML document or when WebLogic Server starts.	cache-on-reference, cache-at-initialization `Default: cache-on-reference`	

XMLRegistryEntry (deprecated)

Note: You should not specify this element in your config.xml file.The `XMLRegistryEntry` element of the `config.xml` file is deprecated, which means that although it is still supported in WebLogic Server version 6.1, future versions will not support it.

The `XMLRegistryEntry` element has been replaced by the following two elements:

- `XMLEntityCacheRegistryEntry`
- `XMLParserSelectRegistryEntry`

Attribute	Description	Range of Values Default Value	Console Navigation
DocumentBuilderFactory	The DocumentBuilderFactory implementation classes used to do DOM-style parsing for this XML document type.	q	Services: XML Registries: Document Builder Factory
EntityPath	The pathname of a copy of the entity file in the Administration Server.	Pathname Default: N/A	
Name	Name of the XML Registry entry.	String Default: N/A	
Notes	Optional user-defined comments about this element.	String Default: N/A	
ParserClassName	The class name of the generated custom parser used to parser this XML document type.	String Default: N/A	
PublicId	Public ID of the XML document type for which the parser or external entity is being configured.	String Default: N/A	

Attribute	Description	Range of Values Default Value	Console Navigation
RootElementTag	Root element name of the XML document type for which the parser or external entity is being configured.	String Default: N/A	
SaxParserFactory	The SaxParserFactory implementation classes used to do SAX-style parsing for this XML document type.	String Default: N/A	Services: XML Registries: Sax Parser Factory
SystemId	System ID of the XML document type for which the parser or external entity is being configured.	String Default: N/A	

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