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ConfigNOW

Properties Reference

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1 Core Configuration Properties

The following core configuration properties define a core WebLogic domain and its associated capabilities.

1.1 Built in Properties and Reserved Properties

ConfigNOW automatically creates a number of built in properties that start with the name ConfigNOW. The ConfigNOW name is considered a reserved name and as such you should not create any of your own properties that start with the word ConfigNOW.

The properties created automatically by ConfigNOW are:

Property name	What it's used for
ConfigNOW.config_file_location	Provides the full file name of the configuration file that is being run, i.e. `config\environments\local\simple_inherit`
ConfigNOW.configuration	The configuration file as passed in on the command line as an argument, i.e. `Simple_inherit`
ConfigNOW.environment	The environment as passed in on the command line as an argument, i.e. `local`
ConfigNOW.home	The location of the ConfigNOW instance being run, i.e. `D:\Work\ConfigNOW\trunk\ConfigNOW`

1.2 Domain properties

Property name	What it's used for
wls.bea.home	BEA home for installed WebLogic software
wls.name	Relative path underneath BEA home where WebLogic Server can be found, which is typically related to the installed version (eg 'weblogic92' or 'wlserver_10.3')
osb.name	Relative path underneath BEA home where Oracle Service Bus can be found (if applicable), which is typically related to the installed version (eg 'osb_10.3')

workshop.name	Relative path underneath BEA home where Workshop IDE can be found (if applicable), which is typically related to the installed version (eg 'workshop_10.3')
wls.domain.config.archive.count	Number of historical copies of configuration to keep. Setting this property enables configuration archiving for the domain.
wls.domain.config.audit.type	Type of configuration auditing to perform. Valid values are: audit – Generate auditing events within domain only log – Write WebLogic Server log entries only logaudit – Perform both actions
wls.domain.dir	Parent directory WebLogic Server will create domains under
wls.domain.javahome	Location of WebLogic Server JDK that will be used for domain
wls.domain.mode	'dev' for development mode, or 'prod' for production mode
wls.domain.adminPort	Administrator port when running domain in production mode. Optional
wls.domain.preclasspath	RedBack-specific JAR files to add to WebLogic Server's classpath (these will be loaded before WebLogic's standard classes)
wls.domain.postclasspath	RedBack-specific JAR files to add to the end of WebLogic Server's classpath
wls.domain.vmarguments	JVM arguments for the domain
wls.domain.extraprops	System properties for the domain. For example, if a HTTP proxy server was present the following system properties would need to be added: -Dhttp.proxyHost=HOST -Dhttp.proxyPort=PORT
wls.domain.trustKeyStore	WebLogic domain trust key store
wls.domain.trustKeyStoreFile	WebLogic domain trust key store file
wls.domain.jta.timeout	Weblogic domain jta timeout value

1.3 Machines Properties

Property name	What it's used for
wls.domain.machines	Comma-separated list of machines
wls.domain.machine.<id>.name	Machine name
wls.domain.machine.<id>.type	Type of machine operation system ("Unix" or "Other")
wls.domain.machine.<id>.postBindGID	The UNIX group ID (GID) that a server running on this machine will run under. Default GID is 'nobody'.
wls.domain.machine.<id>.postBindGIDEnabled	Whether or not post bind GID is enabled
wls.domain.machine.<id>.postBindUID	The UNIX user ID (UID) that a server running on this machine will run under. Default UID is 'nobody'.
wls.domain.machine.<id>.postBindUIDEnabled	Whether or not post bind UID is enabled
wls.domain.machine.<id>.nodemanager.type	Node manager type ("SSL" or "SSH" or "RSH" or "Plain"). Default is "SSL".
wls.domain.machine.<id>.nodemanager.address	Node manager address (default is localhost)
wls.domain.machine.<id>.nodemanager.port wls.domain.machine.<id>.nodemanager.nodeManagerHome	Node manager port (default is 5556) The node manager home directory that will be used to substitute for the shell command template
wls.domain.machine.<id>.nodemanager.shellCommand	The local command line to use when invoking SSH or RSH node manager function
wls.domain.machine.<id>.nodemanager.debugEnabled	Specifies whether communication with this Node Manager needs to be debugged.

1.4 Cluster properties

Property name	What it's used for
wls.clusters	Comma-separated list of clusters
wls.cluster.<id>.name	Cluster name
wls.cluster.<id>.address	Address(es) where the cluster will listen for incoming connections

wls.cluster.<id>.multicast.address	Cluster multicast address
wls.cluster.<id>.multicast.port	Cluster multicast port
wls.cluster.<id>.defaultLoadAlgorithm	Default load algorithm for the cluster (e.g. round-robin)

1.5 Application properties

Property name	What it's used for
Applications	Comma-separated list of applications to deploy
applications.default.deploy.path	Default path to locate application files
application.<app>.name	Logical identifier for individual application
application.<app>.path	Directory files for application are located in
application.<app>.targets	Comma-separated list of targets to deploy application to

1.6 Sub Application properties

Property name	What it's used for
wls.subapplications	Comma-separated list of applications to deploy
wls.subapplication.<id>.subdeployments	Comma-separated list of sub deployments for the application defined by id
wls.subapplication.<id>.subdeployment.<id2>.targets	Targets for the individual components of the application identified by id2. Where id2 is an application defined in wls.subapplication.<id>.subdeployments

1.7 Startup Class Properties

Property name	What it's used for
wls.startupclasses	Comma-separated list of start up classes
wls.startupclass.<id>.name	Name of the class that you wish to deploy
wls.startupclass.<id>.targets	Targets that you wish to deploy the class to

1.8 Admin Server properties

Property name	What it's used for
wls.admin.listener.address	Host address that your WebLogic Server domain will use to listen for connections (eg. localhost, server01)
wls.admin.listener.port	Port used by new domain to listen for non-secure connections
wls.admin.listener.enableSSL	Whether or not to enable SSL connections for the admin server
wls.admin.listener.sslport	Port used by new domain to listen for SSL connections
wls.admin.username / wls.admin.password	Administration user credentials for domain
wls.admin.name	Name of administration server in domain
wls.admin.startup.timeout	The amount of time RECT scripts will wait (in minutes) while booting the domain
wls.admin.channel.name	The admin server channel name
wls.admin.channel.protocol	The admin server protocol (e.g. http)
wls.admin.channel.listener.address	The admin server channel listener address
wls.admin.channel.listener.port	The admin server channel listener port
wls.admin.channel.listener.publicAddress	The admin server channel listener public address
wls.admin.channel.listener.publicPort	The admin server channel listener public port
wls.admin.channel.httpEnable	Whether or not to enable http for the admin server channel
wls.admin.enableTunneling	Whether or not to enable tunnelling for the admin server

1.9 Admin Server log properties

Property name	What it's used for
wls.admin.log.custom	Whether or not to set custom logging (true or false)
wls.admin.log.filename	Log filename
wls.admin.log.limitNumOfFile	Whether or not to limit number of files (true or false)
wls.admin.log.fileToRetain	Number of log files to retain
wls.admin.log.rotateLogOnStartup	Whether to rotate the log on startup (true or false)

wls.admin.log.rotationType	Log rotation type (bySize or byTime)
wls.admin.log.fileMinSize	Log file minimum size if rotationType is 'bySize'
wls.admin.log.rotationTime	Log file rotation time if rotationType is 'byTime'
wls.admin.log.fileTimeSpan	Log file time span if rotationType is 'byTime'
wls.admin.log.rotationDir	Log file rotation directory
wls.admin.log.logFileSeverity	Log message severity
wls.admin.httplog.enable	Whether or not to enable the http log for the admin server
wls.admin.httplog.filename	The filename of the http log for the admin server
wls.admin.httplog.limitNumOfFile	Whether or not to limit number of http log files for the admin server
wls.admin.httplog.fileToRetain	Number of http log files to retain for the admin server
wls.admin.httplog.rotateLogOnStartup	Whether to rotate the http log on startup for the admin server
wls.admin.httplog.rotationType	Http log rotation type (bySize or byTime) for the admin server
wls.admin.httplog.fileMinSize	Http log file minimum size if rotationType is 'bySize'
wls.admin.httplog.rotationTime	Http log file rotation time if rotationType is 'byTime'
wls.admin.httplog.fileTimeSpan	Http log file time span if rotationType is 'byTime
wls.admin.httplog.rotationDir	Http log file rotation directory for the admin server
wls.admin.httplog.format	The format for the admin server http log

1.10 Managed servers

Property name	What it's used for
wls.servers	Comma-separated list of managed servers
wls.server.<id>.name	The managed server name
wls.server.<id>.listener.address	The managed server listener address
wls.server.<id>.listener.port	The managed server listener port
wls.server.<id>.listener.enableSSL	Whether or not to enable SSL for the managed server
wls.server.<id>.listener.sslPort	The managed server SSL listener port
wls.server.<id>.cluster	The cluster that the managed server belongs to

wls.server.<id>.channel.name	The managed server channel name
wls.server.<id>.channel.protocol	The managed server protocol (e.g. http)</
wls.server.<id>.channel.listener.address	The managed server channel listener address
wls.server.<id>.channel.listener.port	The managed server channel listener port
wls.server.<id>.channel.listener.publicAddress	The managed server channel listener public address
wls.server.<id>.channel.listener.publicPort	The managed server channel listener public port
wls.server.<id>.channel.httpEnable	Whether or not to enable http for the managed server channel
wls.server.<id>.enableTunneling	Whether or not to enable tunnelling for the managed server
wls.server.<id>.machine	The machine that the managed server belongs to
wls.server.<id>.log.custom	Whether or not to set custom logging for the managed server
wls.server.<id>.log.filename	Managed server log filename
wls.server.<id>.log.limitNumOfFile	Whether or not to limit number of files for the managed server
wls.server.<id>.log.fileToRetain	Number of log files to retain for the managed server
wls.server.<id>.log.rotateLogOnStartup	Whether to rotate the log on startup for the managed server
wls.server.<id>.log.logFileSeverity	Log message severity for the managed server
wls.server.<id>.log.broadcastSeverity	Log broadcast severity for the managed server
wls.server.<id>.log.memoryBufferSeverity	Log memory buffer severity for the managed server
wls.server.<id>.log.rotationType	Log rotation type (bySize or byTime) for the managed server
wls.server.<id>.log.fileMinSize	Log file minimum size if rotationType is 'bySize'
wls.server.<id>.log.rotationTime	Log file rotation time if rotationType is 'byTime'
wls.server.<id>.log.fileTimeSpan	Log file time span if rotationType is 'byTime
wls.server.<id>.log.rotationDir	Log file rotation directory for the managed server
wls.server.<id>.httplog.enable	Whether or not to enable the http log for the managed server
wls.server.<id>.httplog.filename	The filename of the http log for the managed server
wls.server.<id>.httplog.limitNumOfFile	Whether or not to limit number of http log files for the managed server
wls.server.<id>.httplog.fileToRetain	Number of http log files to retain for the managed server

wls.server.<id>.httplog.rotateLogOnStartup	Whether to rotate the http log on startup for the managed server
wls.server.<id>.httplog.rotationType	Http log rotation type (bySize or byTime) for the managed server
wls.server.<id>.httplog.fileMinSize	Http log file minimum size if rotationType is 'bySize'
wls.server.<id>.httplog.rotationTime	Http log file rotation time if rotationType is 'byTime'
wls.server.<id>.httplog.fileTimeSpan	Http log file time span if rotationType is 'byTime
wls.server.<id>.httplog.rotationDir	Http log file rotation directory for the managed server
wls.server.<id>.httplog.format	The format for the managed server http log

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1.11 Work Managers

Property Name	What it's used for
wls.workManagers	Comma-separated list of work managers
wls.workManager.<id>.name	Name of work manager
wls.workManager.<id>.ignoreStuckThreads	Whether or not to ignore stuck threads
wls.workManager.<id>.targets	Comma-separated list of the work manager targets. These values should correlate to the ids of the servers or clusters in domain.properties file
wls.workManager.<id>.targetType	Whether the work manager is targeted to a cluster ("Cluster") or an individual server
wls.workManager.<id>.minThreadConstraint.name	The minimum thread constraint name
wls.workManager.<id>.minThreadConstraint.counts	The minimum number of threads to allocate for resolving deadlocks
wls.workManager.<id>.minThreadConstraint.targets	The targets of the minimum thread constraint
wls.workManager.<id>.minThreadConstraint.targetType	Type of target of the minimum thread constraint
wls.workManager.<id>.fairShareRequestClass.name	The fair share request class name
wls.workManager.<id>.fairShareRequestClass.fairShare	The fair share value determines how much time will be allocated to service requests from this class. The fair share value is a relative value (from 1 to 1000), not a percentage.
wls.workManager.<id>.fairShareRequestClass.targets	The targets of the fair share request class
wls.workManager.<id>.fairShareRequestClass.targetType	The type of target of the fair share request class
wls.workManager.<id>.responseTimeRequestClass.name	The response time request class name
wls.workManager.<id>.responseTimeRequestClass.goalMs	The response time goal in milliseconds
wls.workManager.<id>.responseTimeRequestClass.targets	The targets of the response time request class

wls.workManager.<id>.responseTimeRequestClass.targetType	The type of target of the response time request class
wls.workManager.<id>.contextRequestClass.name	The context request class name
wls.workManager.<id>.contextRequestClass.targets	The targets of the context request class
wls.workManager.<id>.contextRequestClass.targetType	The type of target of the context request class
wls.workManager.<id>.capacityConstraint.name	The capacity constraint name
wls.workManager.<id>.capacityConstraint.count	The number of requests that should be queued or running before WebLogic Server begins rejecting requests
wls.workManager.<id>.capacityConstraint.targets	The targets of the capacity constraint

1.12 SNMP Configuration

Property Name	What it's used for
snmp.community	The password (community name) that you want this SNMP agent to use to secure SNMPv1 or v2 communication with SNMP managers. Requires you to enable community based access for this agent.
snmp.port	The port on which you want this SNMP agent to listen for incoming requests from SNMP managers that use the UDP protocol.
snmp.trapdest	The SNMP trap destination host.
snmp.agentx	The port that this SNMP agent uses to communicate with its subagents.

1.13 Node Manager Properties

Property Name	What it's used for
nodemanager.arguments	Any arguments that should be passed to the node manager during startup
nodemanager.crashrecovery	Enable node manager crash recovery (true or false)
nodemanager.logcount	How many log files should the node manager keep
nodemanager.loglimit	Maximum size of the log file
nodemanager.password	Password for the node manager
nodemanager.username	What is the username for the node manager?
nodemanager.startscriptenabled	Is the start script enabled for the node manager

The full list of node manager properties also includes those references in Machines Properties

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1.14 Domain Templates Properties

Property name	What it's used for
wls.templates	Extension templates to apply to the new domain (if any).
wls.template.<id>.file	The file name of the template that you wish to install.

Example templates for some of the Oracle Fusion environments include:

SOA Suite 11g and 12c

```
wls.templates=soa,em,bam
wls.template.soa.file=${wls.bea.home}/${soa.name}/common/templates/app
lications/oracle.soa_template_11.1.1.jar
wls.template.em.file=${wls.bea.home}/oracle_common/common/templates/ap
plications/oracle.em_11_1_1_0_0_template.jar
wls.template.bam.file=${wls.bea.home}/${soa.name}/common/templates/app
lications/oracle.bam_template_11.1.1.jar
```

Oracle Service Bus (10.3 onwards)

```
wls.templates=webservices,beehive,osb
wls.template.webservices.file=${wls.bea.home}/wlserver_10.3/common/tem
plates/applications/wls_webservice.jar
wls.template.beehive.file=${wls.bea.home}/workshop_10.3/common/templat
es/applications/workshop_wl.ar
wls.template.osb.file=${wls.bea.home}/osb_10.3/common/templates/applic
ations/wlsb.jar
```

WebLogic Integration (10.3)

```
wls.templates=webservices,workshop,wli,p13n,worklist,worklist81
wls.template.webservices.file=${wls.bea.home}/wlserver_10.3/common/tem
plates/applications/wls_webservice.jar
wls.template.workshop.file=${wls.bea.home}/workshop_10.3/common/templa
tes/applications/workshop_wl.jar
wls.template.wli.file=${wls.bea.home}/wli_10.3/common/templates/applic
ations/wli_jpd.jar
wls.template.p13n.file=${wls.bea.home}/wlportal_10.3/common/templates/
applications/p13n.jar
wls.template.worklist.file=${wls.bea.home}/wli_10.3/common/templates/a
pplications/wli_worklist.jar
wls.template.worklist81.file=${wls.bea.home}/wli_10.3/common/templates
/applications/wli_worklist81x.jar
```

WebLogic Integration (9.2)

```
wls.templates=webservices,workshop,wli,p13n,worklist,worklist81
wls.template.webservices.file=${wls.bea.home}/${wls.name}/common/templ
ates/applications/wls_webservice.jar
wls.template.workshop.file=${wls.bea.home}/${wls.name}/common/template
s/applications/workshop_wl.jar
wls.template.wli.file=${wls.bea.home}/${wls.name}/common/templates/app
lications/wli_jpd.jar
wls.template.p13n.file=${wls.bea.home}/${wls.name}/common/templates/ap
plications/p13n.jar
wls.template.worklist.file=${wls.bea.home}/${wls.name}/common/template
s/applications/wli_worklist.jar
wls.template.worklist81.file=${wls.bea.home}/${wls.name}/common/templa
tes/applications/wli_worklist81x.jar
```

2 JDBC Properties

2.1 JDBC Datasources

Property Name	What it's used for
jdbc.datasources	Comma separated list of identifiers for JDBC datasources
jdbc.datasource.<id>.Name	Unique name for JDBC datasource
jdbc.datasource.<id>JNDI	JNDI location to use for new datasource
jdbc.datasource.<id>.URL	JDBC URL for new datasource driver
jdbc.datasource.<id>Driver	Class name for JDBC driver used by datasource
jdbc.datasource.<id>.Username jdbc.datasource.<id>.Password	Credentials used to connect to database
jdbc.datasource.<id>.TestTableName	Table WebLogic Server will use to run a test select query in, in order to validate connections
jdbc.datasource.<id>.DriverProperties	Specifies a comma-separated list of property identifiers for setting name/value properties
jdbc.datasource.<id>.Capacity.Max	Maximum number of connections allowed to database by datasource
jdbc.datasource.<id>.InitialCapacity	Initial number of connections to create to the database on initialisation
jdbc.datasource.<id>.CapacityIncrement	Number of connections to create in a batch
jdbc.datasource.<id>.ShrinkPeriod	Number of minutes to wait before shrinking down towards InitialCapacity
jdbc.datasource.<id>.LoginDelaySeconds	Number of seconds to wait between the creation of each connection to the database
jdbc.datasource.<id>.DebugLevel	Debug level to set for XA operations
jdbc.datasource.<id>.TestOnReserve	Whether to test connections from the Datasource on reserve by a client
jdbc.datasource.<id>.scripts	Comma separated list of the names of DB scripts to be run on domain creation. These scripts must exist within the `wls.server.config`directory located at REDBACK_HOME/config/server

2.2 JDBC Datasource Driver Properties

Property Name	What it's used for
jdbc.datasource.<id>.DriverProperty.<propertyId>.Name	Name for datasource property being configured
jdbc.datasource.<id>.DriverProperty.<propertyId>.Value	Value to set for property

2.3 JDBC Multi-Datasources

Property Name	What it's used for
jdbc.multidatasources	Comma separated list of identifiers for JDBC multi-datasources
jdbc.multidatasource.<id>.Name	Unique name for JDBC multi-datasource.
jdbc.multidatasource.<id>.DataSources	Comma-separated list of the datasources associated with the multi-datasource. These values should correlate to ids in the jdbc.datasource configuration.
jdbc.multidatasource.<id>JNDI	JNDI location for multi-datasource
jdbc.multidatasource.<id>.AlgorithmType	Algorithm used to create a new connection. Either "Failover" to use a primary datasource by default, or "Load-Balancing" to split requests amongst datasources.
jdbc.multidatasource.<id>.FailoverRequestIfBusy	Whether to fail over to a secondary datasource when using "Failover" as the algorithm type if the primary datasource is in use, rather than increase the primary datasource's number of connections.
jdbc.multidatasource.<id>.TestFrequencySeconds	Number of seconds between checks on unused connections
jdbc.multidatasource.<id>.Targets	Comma-separated list of the multi-datasource targets. These values should correlate to the ids of the servers or clusters in domain.properties file.
jdbc.multidatasource.<id>.TargetType	Indicates the type of target for the multi-datasource (e.g. Cluster).

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3 JMS Properties

3.1 JMS Servers

Property Name	What it's used for
jmsServers	Comma separated list of identifiers for JMS servers
jmsServer.<id>.Name	Unique name for JMS server
jmsServer.<id>.Target	WebLogic Server instance JMS server is targeted to
jmsServer.<id>.PersistentStore	Name of persistent store used by JMS server
jmsServer.<id>.PersistentStoreType	Type of persistent store used by JMS server. (currently only 'File' is allowed)
jmsServer.<id>.MessageBufferSize	The amount of memory (in bytes) that this JMS server can use to store message bodies before it writes them to disk. When the JMS server writes the message bodies to disk, it clears them from memory.
jmsServer.<id>.PagingDirectory	Specifies where message bodies are written when the size of the message bodies in the JMS server exceeds the message buffer size.
jmsServer.<id>.BytesMaximum	The maximum number of bytes that can be stored in this JMS server. A value of -1 removes any WebLogic Server limits.
jmsServer.<id>.MessagesMaximum	The maximum number of messages that can be stored in this JMS server. A value of -1 removes any WebLogic Server limits.

3.2 Persistent Stores

Property Name	What it's used for
persistent.filestores	Comma separated list of identifiers for filestores to create
persistent.filestore.<id>.Name	Unique name for filestore
persistent.filestore.<id>.Location	Path used by persistent store to keep temporary files
persistent.filestore.<id>.Target	Server that persistent filestore is targeted to
persistent.filestore.<id>.Migrateable	Whether the persistent file store is migrateable if in a clustered environment.

3.3 JMS Modules

Property Name	What it's used for
jmsModules	Comma separated list of identifiers for JMS modules
jmsModule.<id>.Name	Unique name for JMS module
jmsModule.<id>.TargetType	Whether JMS module is targeted to a cluster ("Cluster") or an individual server
jmsModule.<id>.Targets	Comma separated list of identifiers for targets for JMS module

3.4 JMS Sub-deployments

Property Name	What it's used for
jmsModule.<moduleId>.SubDeployments	Comma separated list of identifiers for subdeployments for a particular JMS module
jmsModule.<moduleId>.SubDeployment	Unique name for JMS module

3.5 JMS Sub-deployment

Property Name	What it's used for
<subdeploymentPrefix>.Name	Unique name for a particular subdeployment for a particular JMS module
<subdeploymentPrefix>.Targets	Comma separated list of targets for subdeployment
<subdeploymentPrefix>.TargetType	Type of target subdeployment is deployed to - either a cluster ("Cluster") or a JMS server
<subdeploymentPrefix>.ConnectionFactories	Comma separated list of connection factories to create as part of subdeployment
<subdeploymentPrefix>.Queues	Comma separated list of queues to create as part of subdeployment
<subdeploymentPrefix>.Topics <subdeploymentPrefix>.UniformDistributedQueues <subdeploymentPrefix>.UniformDistributedTopics	Comma separated list of topics to create as part of subdeployment. Comma separated list of uniform distributed queues to create as part of subdeployment. Comma separated list of uniform distributed topics to create as part of subdeployment

3.6 JMS Sub-deployment Queues

Property Name	What it's used for
<queuePrefix>.Name	Unique name for queue
<queuePrefix>.JNDI	JNDI location for queue
<queuePrefix>.RedeliveryLimit	The number of redelivery tries a message can have before it is moved to the error destination. This setting overrides any redelivery limit set by the message sender. If the redelivery limit is configured but no error destination is configured, then persistent and non-persistent messages are simply dropped (deleted) when they reach their redelivery limit.
<queuePrefix>.ErrorDestination	The name of the target error destination for messages that have expired or reached their redelivery limit. If no error destination is configured, then such messages are simply dropped. If a message has expired or reached its redelivery limit and the Expiration Policy is set to Redirect, then the message is moved to the specified Error Destination.
<queuePrefix>.RedeliveryDelay	The delay in milliseconds, before rolled back or recovered messages are redelivered, regardless of the RedeliveryDelay specified by the consumer and/or connection factory. Redelivered queue messages are put back into their originating destination; redelivered topic messages are put back into their originating subscription. The default value (-1) specifies that the destination will not override the RedeliveryDelay setting specified by the consumer and/or connection factory.
<queuePrefix>.DefaultTimeToLive	The time-to-live assigned to all messages that arrive at this destination, regardless of the TimeToLive value specified by the message producer. The default value (-1) specifies that this setting will not override the TimeToLive setting specified by the message producer.
<queuePrefix>.DefaultDeliveryMode	The delivery mode assigned to all messages that arrive at the destination regardless of the DeliveryMode specified by the message producer.

3.7 JMS Subdeployment Topics

Property Name	What it's used for
<topicPrefix>.Name	Unique name for topic
<topicPrefix>.JNDI	JNDI location for topic

3.8 JMS Sub-deployment Connection Factory

Property Name	What it's used for
<connFactoryPrefix>.Name	Unique name for connection factory
<connFactoryPrefix>.JNDI	JNDI location for connection factory
<connFactoryPrefix>.DefaultTimeToLive	The maximum length of time in milliseconds, that a message will exist. This value is used for messages when a priority is not explicitly defined. A value of 0 indicates that the message has an infinite amount of time to live.

3.9 JMS Sub-deployment Uniform Distributed Queues

Property Name	What it's used for
<uniformDistQueuePrefix>.Name	Unique name for distributed queue
<uniformDistQueuePrefix>.JNDI	JNDI location for logical distributed queue
<uniformDistQueuePrefix>.LoadBalancingPolicy	Load balancing policy to use for distributed queue. Either "Round-Robin" or "Random".
<uniformDistQueuePrefix>.LocalJNDIName	JNDI location for local distributed queue member.
<uniformDistQueuePrefix>.ForwardDelay	Delay time in seconds before forwarding a message on to a distributed queue member with consumers
<uniformDistQueuePrefix>.MaximumMessageSize	Largest message size supported by distributed queue
<uniformDistQueuePrefix>.MessagingPerformancePreference	How long the distributed queue will wait before sending on a non-full batch of messages
<uniformDistQueuePrefix>.IncompleteWorkExpirationTime	Amount of time in milliseconds before undelivered messages in an incomplete unit of work are expired.
<uniformDistQueuePrefix>.UnitOfWorkHandlingPolicy	How to handle unit of work messages. Can be set to "PassThrough" or "SingleMessageDelivery"
<uniformDistQueuePrefix>.DefaultUnitOfOrder	Whether WebLogic Server should auto-generate a unit of order for the destination

<uniformDistQueuePrefix>.UnitOfOrderRouting	How the distributed queue handles routing based on unit of order. Can be set either to "Hash" or "PathService".
<uniformDistQueuePrefix>.AttachSender	Whether to attach the credential of the sending user. Can be set either to "Supports" or "Never" or "Always".
<uniformDistQueuePrefix>.DestinationKeys	List of potential keys for sorting messages for the JMS destination

3.10 JMS Sub-deployment Uniform Distributed Topic

Property Name	What it's used for
<uniformDistTopicPrefix>.Name	Unique name for topic
<uniformDistTopicPrefix>.JNDI	JNDI location for topic
<uniformDistTopicPrefix>.LoadBalancingPolicy	Load balancing policy to use for distributed topic. Either "Round-Robin" or "Random".
<uniformDistTopicPrefix>.LocalJNDIName	JNDI location for local distributed topic member.
<uniformDistTopicPrefix>.MaximumMessageSize <uniformDistTopicPrefix>.MessagingPerformancePreference	Largest message size supported by distributed topic How long the distributed topic will wait before sending on a non-full batch of messages
<uniformDistTopicPrefix>.IncompleteWorkExpirationTime	Amount of time in milliseconds before undelivered messages in an incomplete unit of work are expired.
<uniformDistTopicPrefix>.UnitOfWorkHandlingPolicy	How to handle unit of work messages. Can be set to "Pass-Through" or "Single Message Delivery"
<uniformDistTopicPrefix>.DefaultUnitOfOrder	Whether WebLogic Server should auto-generate a unit of order for the destination
<uniformDistTopicPrefix>.UnitOfOrderRouting	How the distributed topic handles routing based on unit of order. Can be set either to "Hash" or "PathService".
<uniformDistTopicPrefix>.AttachSender	Whether to attach the credential of the sending user
<uniformDistTopicPrefix>.DestinationKeys	List of potential keys for sorting messages for the JMS destination

4 Security Properties

4.1 Security Groups

Property Name	What it's used for
security.groups	Comma separated list of security groups
security.<groupId>.name	Name of security group
security.<groupId>.description	Description of security group
security.<groupId>.authenticator	Authenticator of the security group (e.g. DefaultAuthenticator, SQLAuthenticator)
security.<groupId>.users	Comma-separated list of users that are assigned to the group. All users must exist. Users can be added as per the table below.

4.2 Users

Property Name	What it's used for
security.users	Comma separated list of users
security.user.<userId>.username	Username of user
security.user.<userId>.password	Password of user
security.user.<userId>.description	Description of user
security.user.<userId>.authenticator	Authenticator of user. If this property is missing the default value is 'DefaultAuthenticator'.

4.3 Security Authentication Providers

Property Name	What it's used for
security.providers	Comma separated list of security providers
security.provider.<providerId>.name	Name of security authentication provider
security.provider.<providerId>.type	Type of security authentication provider. At the time of writing, the only supported types are 'ActiveDirectoryAuthenticator' and 'NovellAuthenticator'

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4.4 Security Authentication Provider

Property Name	What it's used for
<authPrefix>.controlFlag	Specifies how this Realm Adapter Authentication provider fits into the login sequence. Valid values are REQUIRED, REQUISITE, OPTIONAL and SUFFICIENT
<authPrefix>.userBaseDN	The base Distinguished Name (DN) of the tree in the LDAP directory that contains users.
<authPrefix>.groupBaseDN	The base Distinguished Name (DN) of the tree in the LDAP directory that contains groups.
<authPrefix>.principal	The Distinguished Name (DN) of the Active Directory LDAP user that WebLogic Server should use when connecting to the Active Directory LDAP server.
<authPrefixx>.host	The host name or IP address of the Active Directory LDAP server.
<authPrefix>.credential	The credential (usually a password) used to connect to the Active Directory LDAP server
<authPrefix>.groupFromNameFilter	LDAP search filter for finding a group given the name of the group. If the attribute is not specified (that is, if the attribute is null or empty), a default search filter is created based on the group schema.
<authPrefix>.staticGroupDNsfromMemberDNFilter	An LDAP search filter that, given the distinguished name (DN) of a member of a group, returns the DNs of the static LDAP groups that contain that member.
<authPrefix>.staticGroupObjectClass	The name of the LDAP object class that stores static groups.
<authPrefix>.staticMemberDNAttribute	The attribute of the LDAP static group object that specifies the distinguished names (DNs) of the members of the group.
<authPrefix>.userFromNameFilter	If the attribute (user name attribute and user object class) is not specified (that is, if the attribute is null or empty), a default search filter is created based on the user schema.
<authPrefix>.userNameAttribute	The attribute of the LDAP User object that specifies the name of the user. The default value is "cn".
<authPrefix>.userObjectClass	The LDAP object class that stores users.
<authPrefix>.port	The port number on which the Active Directory LDAP server is listening.

4.5 Active Directory Authentication Provider

Property Name	What it's used for
<adPrefix>.useTokenGroupsForGroupMembershipLookup	Indicates whether to use the Active Directory TokenGroups attribute lookup algorithm instead of the standard recursive group membership lookup algorithm

5 Product Specific Properties

5.1 RedBack Datasource properties

Property name	What it's used for
redback.db.type	Type of database used by RedBack. Currently only 'Oracle' is supported for RedBack.
redback.db.driver	Class of JDBC driver used to connect to database
redback.db.username / wls.db.password	Credentials used to connect to database
redback.db.url	JDBC URL used to connect to RedBack database

5.2 RedBack Metadata Datasource properties

Property name	What it's used for
metadata.db.type	Type of database used by RedBack metadata. Currently only 'Oracle' is supported for RedBack metadata.
metadata.db.driver	Class of JDBC driver used to connect to database
metadata.db.username / wls.db.password	Credentials used to connect to database
metadata.db.url	JDBC URL used to connect to RedBack metadata database

5.3 Oracle Repository Creation Utility (RCU) Properties

Property name	What it's used for
rcu.db.components	Comma separated list of components to be installed by the Repository Creation Utility
rcu.db.component.<id>.password	Database passwords for that component
rcu.db.sys.password	SYS password used to connect to database as an administrative user. If this is not set, run_rcu will prompt the user for the SYS password.

5.4 Oracle Universal Inventory (OUI) Properties

Property name	What it's used for
oui.install.group	What unix group do we use for the install
oui.inventory.directory	Directory of the OUI inventory
oui.inventory.loc	Location of the oraInst.loc file

5.5 Oracle Service Bus (OSB) data sources Properties

These properties are deprecated. Use the "JDBC Properties" instead (e.g. jdbc.datasources)

Property name	What it's used for
osb.db.dataSources	Comma-separated list of datasources used by Oracle Service Bus. For version 10.3, these data sources should be identical to cgDataSource,cgDataSource-nonXA,wlsbjmsrpDataSource
osb.db.<id>.name	Unique name for JDBC datasource
osb.db.<id>.type	Type of database. Currently only 'Oracle' is supported.
osb.db.<id>.url	JDBC URL for new datasource driver
osb.db.<id>driver	Class name for JDBC driver used by datasource
osb.db.<id>.username / osb.db.<id>.password	Credentials used to connect to RedBack database
osb.db.<id>.capacity.max	Maximum number of connections allowed to database by datasource
osb.db.<id>.capacity.initial	Initial number of connections to create to the database on initialisation
osb.db.<id>.capicity.increment	Number of connections to create in a batch
osb.db.<id>.testOnReserve	Whether to test connections from the Datasource on reserve by a client
osb.db.<id>.scripts	Comma separated list of the names of DB scripts to be ran on domain creation.

5.6 SOA Suite11g(applicable also to FMW121.3 version) - data sources Properties

These properties are deprecated. Use the "JDBC Properties" instead (e.g. jdbc.datasources)

Property name	What it's used for
soa.db.dataSources	Comma-separated list of datasources used by SOA Suite 11g.
soa.db.<id>.name	Unique name for JDBC datasource
soa.db.<id>.type	Type of database. Currently only 'oracle' is supported.
soa.db.<id>.url	JDBC URL for new datasource driver
soa.db.<id>driver	Class name for JDBC driver used by datasource
soa.db.<id>.username / soa.db.<id>.password	Credentials used to connect to RedBack database
soa.db.<id>.capacity.max	Maximum number of connections allowed to database by datasource
soa.db.<id>.capacity.initial	Initial number of connections to create to the database on initialisation
soa.db.<id>.capicity.increment	Number of connections to create in a batch
soa.db.<id>.testOnReserve	Whether to test connections from the Datasource on reserve by a client

5.7 Oracle BAM Properties

Property name	What it's used for
wls.server.<id>.bam.active.data.cache.server.name	Oracle Business Activity Monitor (BAM) active data cache server
wls.server.<id>.bam.active.data.cache.server.port	Oracle Business Activity Monitor (BAM) active data cache server port
wls.server.<id>.bam.application.url	The BAM application URL
wls.server.<id>.bam.primary	Is this server the primary BAM server (true or false)
wls.server.<id>.bam.server.name	The BAM server name
wls.server.<id>.bam.server.port	The BAM server port

5.8 WebLogic Integration (WLI) datasources Properties

These properties are deprecated. Use the "JDBC Properties" instead (e.g. jdbc.datasources)

Property name	What it's used for
wli.db.dataSources	Comma-separated list of datasources used by WebLogic Integration.
wli.db.<id>.name	Unique name for JDBC datasource
wli.db.<id>.type	Type of database. Currently only 'oracle' is supported.
wli.db.<id>.url	JDBC URL for new datasource driver
wli.db.<id>driver	Class name for JDBC driver used by datasource
wli.db.<id>.username / wli.db.<id>.password	Credentials used to connect to RedBack database
wli.db.<id>.capacity.max	Maximum number of connections allowed to database by datasource
wli.db.<id>.capacity.initial	Initial number of connections to create to the database on initialisation
wli.db.<id>.capicity.increment	Number of connections to create in a batch
wli.db.<id>.testOnReserve	Whether to test connections from the Datasource on reserve by a client