



ConfigNOW

Command Reference

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1 ConfigNOW Command Reference

1.1 Detailed Command Information

Each command is listed in the following section with parameters and properties used, as well as example output.

1.1.1 activate_composite

activate_composite activates a previously retired SCA composite application, allowing it to resume processing requests.

1.1.1.1 Command

```
ConfigNOW activate_composite <env> <config>
```

1.1.1.2 Parameters

Property	Required	Description
env	Yes	Environment to use to locate SOA Suite domain
config	Yes	Configuration file to use to locate SOA Suite domain

1.1.1.3 Properties used

Property	Required	Description
soa.host	Yes	Hostname used to locate SOA Suite server
wls.server.soa_server1.listener.port	Yes	Port SOA Suite server (named 'soa_server1' by default) is listening on
wls.admin.username	Yes	Administration user used to connect to domain
wls.admin.password	Yes	Password for administration user

composite.name	Yes	Name of composite to activate
composite.revision	Yes	Specific revision of composite to activate

1.1.1.4 Example configuration

```
soa.host=localhost
wls.server.soa_server1.listener.port=8001
wls.admin.username=weblogic
wls.admin.password={AES}AHphcSZJOITrczv/9889iw==dw25kxa86GAb9gRukVf2eg
==
composite.name=HelloWorld
composite.revision=1.0
```

1.1.1.5 Example output

```
os_prompt> ./ConfigNOW.sh activate_composite local soa11g -
Dcomposite.name=HelloWorld -Dcomposite.revision=1.0
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/soa11g.properties
INFO   decrypting passwords in base file first:
config/templates/simple/soa11g_template.properties
INFO   decrypting passwords in base file first:
config/templates/soa11g_template.properties
INFO   decrypting passwords in base file first:
config/templates/soa11g_template.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command activate_composite as ant target in build file:
core/commands/ant/composite-mgmt.xml

activate_composite:
    [echo] oracle.home = /opt/wls1035_native/soa/bin/..

activateComposite:
    [input] skipping input as property host has already been set.
    [input] skipping input as property port has already been set.
    [input] skipping input as property user has already been set.
    [secure-input] skipping secure-input as property password has already
been set.
INFO   skipping secure-input as property password has already been set.
```

```
[input] skipping input as property compositeName has already been set.
[input] skipping input as property revision has already been set.
[echo] oracle.home = /opt/wls1035_native/soa/bin/..

compositeMgrTask:
  [java] Connecting to:
service:jmx:t3://localhost:8001/jndi/weblogic.management.mbeanservers.
runtime
  [java] connection initiated
  [java] Composite (default/HelloWorld!1.0) is successfully
activated.
INFO  Command completed.

BUILD SUCCESS
```

1.1.2 Config_diff

Config_diff command is used to dump the configuration to a file and used to compare against a baseline or previous configuration. The output generated is both a HTML or plain .txt file

1.1.2.1 Command

```
ConfigNOW config_diff <env> <config>
```

1.1.2.2 Parameters

Property	Required	Description
Env	Yes	Environment to dump the configuration for
Config	Yes	Configuration file to recognise the environment to read the domain configuration

1.1.2.3 Properties used

Property	Required	Description
config.date_previous	Yes	Previous date to compare the configuration
config.date_diff	Yes	Can be a date or a string constant such as previous

1.1.2.4 Example output

ConfigNOW

```

Configuration Changes from 2016-6-29 to 2016-6-30 in local /
config_diff_example
>>> /Deployments/testDS:CapacityIncrement=1
>>> /Deployments/testDS:ConnLeakProfilingEnabled=0
>>> /Deployments/testDS:ConnProfilingEnabled=0
>>> /Deployments/testDS:ConnectionCreationRetryFrequencySeconds=0
>>> /Deployments/testDS:ConnectionReserveTimeoutSeconds=10
>>> /Deployments/testDS:CountOfRefreshFailuresTillDisable=2
>>> /Deployments/testDS:CountOfTestFailuresTillFlush=2
>>> /Deployments/testDS:CredentialMappingEnabled=0
>>> /Deployments/testDS:DeploymentOrder=1000
>>> /Deployments/testDS:DriverName=oracle.jdbc.OracleXADataSource
>>> /Deployments/testDS:DynamicallyCreated=0
>>> /Deployments/testDS:EnableResourceHealthMonitoring=1
>>> /Deployments/testDS:HighestNumUnavailable=0
>>> /Deployments/testDS:HighestNumWaiters=2147483647
>>> /Deployments/testDS:Id=0
>>> /Deployments/testDS:IgnoreInUseConnectionsEnabled=1
>>> /Deployments/testDS:InactiveConnectionTimeoutSeconds=0
>>> /Deployments/testDS:InitialCapacity=1
>>> /Deployments/testDS:KeepLogicalConnOpenOnRelease=0
>>> /Deployments/testDS:KeepXAConnTillTxComplete=1
>>> /Deployments/testDS:LoginDelaySeconds=0
>>> /Deployments/testDS:MaxCapacity=15
>>> /Deployments/testDS:Name=testDS
>>> /Deployments/testDS:NeedTxCtxOnClose=0
>>> /Deployments/testDS:NewXAConnForCommit=0

```

1.1.3 configure_domain

configure_domain creates any resources defined in the environment and configuration file referenced as part of invocation. The command requires the administration server for the domain.

1.1.3.1 Command

```
ConfigNOW configure_domain <env> <config>
```

1.1.3.2 Parameters

Property	Required	Description
env	Yes	Environment to configure domain for
config	Yes	Configuration file containing domain resources to be configured

1.1.3.3 Properties used

All

1.1.3.4 Example output

```
os_prompt> ./ConfigNOW.sh configure_domain local jms_example
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO  Loading configuration from file:
config/environments/local/jms_example.properties
INFO  setenv file verified.
INFO  WLST support: True
INFO  Running command from jython file:
core/commands/configure_domain.py
INFO  Establishing connection to Admin Server at URL
[t3://localhost:7001], attempt #1
Connecting to t3://localhost:7001 with userid weblogic ...
Successfully connected to Admin Server 'as' that belongs to domain
'jms_example'.

Warning: An insecure protocol was used to connect to the
server. To ensure on-the-wire security, the SSL port or
Admin port should be used instead.

Location changed to edit tree. This is a writable tree with
DomainMBean as the root. To make changes you will need to start
an edit session via startEdit().

For more help, use help(edit)

Starting an edit session ...
Started edit session, please be sure to save and activate your
changes once you are done.
No stack trace available.
INFO  Unable to find filestore [AuditMessageStoreFile], trying to
create new one.
MBean type FileStore with name AuditMessageStoreFile has been created
successfully.
INFO  File store directory
[/opt/wls1034/domains/jms_example/AuditMessageStoreFile] has been
created successfully.
INFO  JDBC DataSource is not specified, skipping
No stack trace available.
INFO  Creating JMS Server [AuditJMSServer]
MBean type JMSServer with name AuditJMSServer has been created
successfully.
INFO  Setting target [ as ].
No stack trace available.
INFO  Unable to lookup JMS resource [AuditJMSModule], trying to create
new one.
```



```
INFO  Creating JMS module [AuditJMSModule]
MBean type JMSSystemResource with name AuditJMSModule has been created
successfully.
INFO  Creating SubDeployment [AuditJMS]
INFO  Configuring resources in SubDeployment [AuditJMS].
INFO  No connection factories specified in SubDeployment [AuditJMS],
skipping.
INFO  Creating queue [AuditRecordQueue].
INFO  Queue [AuditRecordQueue] has been created successfully.
INFO  Setting JNDI [com.integral.supportnow.AuditRecordQueue].
INFO  Setting SubDeployment name [AuditJMS].
INFO  No topics specified in SubDeployment [AuditJMS], skipping.
INFO  No distributed queues specified in SubDeployment [AuditJMS],
skipping.
INFO  No distributed topics specified in SubDeployment [AuditJMS],
skipping.
INFO  No security providers specified, skipping.
INFO  Setting node manager username [ weblogic ] and password [
xxxxxxxxxx ]
INFO  No applications to deploy
Saving all your changes ...
Saved all your changes successfully.
Activating all your changes, this may take a while ...
The edit lock associated with this edit session is released
once the activation is completed.
Activation completed
INFO  Command completed.

BUILD SUCCESS
```

1.1.4 configure_nodemanager

configure_nodemanager configures the node manager home for a WebLogic Server installation, creating all necessary configuration and security files.

1.1.4.1 Command

```
ConfigNOW configure_nodemanager <env> <config>
```

1.1.4.2 Parameters

Property	Required	Description
Env	Yes	Environment to configure node manager for
Config	Yes	Configuration file to use to configure node manager

1.1.4.3 Properties used

Property	Required	Description
wls.oracle.home	Yes	The full path of the existing Fusion Middleware (WebLogic) install home
wls.domain.javahome	Yes	The Java instance used by the installation
wls.name	Yes	The name of the existing WebLogic home directory. For all 10.3.x versions of WebLogic this is typically 'wlserver_10.3'
wls.admin.name	Yes	Name of the admin server for the relevant domain
wls.domain.dir	Yes	Root directory of the relevant domain
wls.domain.name	Yes	Name of the relevant domain
wls.admin.listener.address	Yes	Network address of the admin server for the relevant domain
wls.admin.listener.port	Yes	Port bound to by the admin server for the relevant domain
nodemanager.startscriptenabled	No	Whether node manager will use a start script to

		boot WebLogic Server instances
nodemanager.crashrecovery	No	Whether Node Manager will restart servers that were running at point of server failure after recovery
nodemanager.domain.dir.sharing	No	Whether the domain directory monitored by node manager is shared on network storage
nodemanager.loglimit	No	Number of log files retained by Node Manager
nodemanager.listener.port	No	Port Node Manager will bind to at runtime (defaults to 5556)
nodemanager.listener.address	No	Network address Node Manager will bind to at runtime
nodemanager.secure.listener	No	Whether node manager will use SSL at runtime
nodemanager.arguments	No	Additional arguments passed to the JVM as part of the process of starting node manager

1.1.4.4 Example output

```
os_prompt> ./ConfigNOW.sh configure_nodemanager local wls1035
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO  Loading configuration from file:
config/environments/local/wls1035.properties
INFO  setenv file verified.
INFO  WLST support: True
INFO  Running command configure_nodemanager as ant target in build
file: core/commands/ant/weblogic-common.xml

validate.install.config:
  [echo] Fusion Middleware Home: /opt/wls1035
  [echo] Java Home: /opt/jdk1.6.0_25
  [echo] WebLogic Name: wlserver_10.3

validate.admin.config:
  [echo] WebLogic Domain Name: simple_domain
  [echo] WebLogic Domain Directory: /opt/wls1035/domains
  [echo] WebLogic Admin Server Name: as
  [echo] WebLogic Admin Listener Address: localhost
  [echo] WebLogic Admin Listener Port: 7001

configure_nodemanager:
  [copy] Copying 1 file to
/opt/wls1035/wlserver_10.3/common/nodemanager
  [copy] Copying 1 file to
```

```
/opt/wls1035/wlserver_10.3/common/nodemanager
[copy] Copying 1 file to
/opt/wls1035/wlserver_10.3/common/nodemanager
[copy] Copying 1 file to /opt/wls1035/wlserver_10.3/server/bin
[echo] Setting up nodemanager home
/opt/wls1035/wlserver_10.3/common/nodemanager
[propertyfile] Updating property file:
/opt/wls1035/wlserver_10.3/common/nodemanager/nodemanager.domains
INFO  Command completed.

BUILD SUCCESS
```

1.1.5 configure_obpm

configure_obpm configures the deployable applications and database schema for OBPM 10g prior to deployment to a WebLogic Server environment.

1.1.5.1 Command

```
ConfigNOW configure_obpm <env> <config>
```

1.1.5.2 Parameters

Property	Required	Description
env	Yes	Environment to configure OBPM for
config	Yes	Configuration file to use to configure OBPM

1.1.5.3 Properties used

Property	Required	Description
obpm.home	Yes	Location of OBPM installation
obpm.admin.user	Yes	Username to create for OBPM administration user
obpm.admin.password	Yes	Password to create for OBPM administration user
obpm.db.dir.host	Yes	Database host for the OBPM Directory schema
obpm.db.engine.host	Yes	Database host for the OBPM Engine schema
obpm.db.dir.username	Yes	Username for OBPM Directory database schema
obpm.db.dir.port	Yes	Database port for OBPM Directory database schema
obpm.db.engine.port	Yes	Database port for OBPM Engine database schema
obpm.db.dir.sid	Yes	Database SID for OBPM Directory database schema
obpm.db.engine.sid	Yes	Database SID for OBPM Engine database schema
obpm.db.dir.password	Yes	Database password for OBPM Directory database schema
obpm.organisation.id	Yes	Name of the organization
obpm.sys.password	Yes	Password for system administrator

obpm.db.engine.username	Yes	Username for OBPM Engine schema
obpm.db.engine.password	Yes	Password for OBPM Engine schema
obpm.engines.dir		
obpm.ears.dir		
obpm.engine.id		Identifier to use for OBPM engine

1.1.6 create_domain

create_domain creates a new WebLogic Server domain. The combination of environment and configuration file will determine the domain template and extension templates used to create the new domain.

1.1.6.1 Command

```
ConfigNOW create_domain <env> <config>
```

1.1.6.2 Parameters

Property	Required	Description
env	Yes	Environment to create domain for
config	Yes	Configuration file to use to create domain

1.1.6.3 Properties used

All

1.1.6.4 Example output

```
os_prompt> ./ConfigNOW.sh create_domain local jms_example
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/jms_example.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command from jython file: core/commands/create_domain.py
INFO   Creating domain: /opt/wls1034/domains/jms_example
INFO   Reading template
INFO   Writing domain
INFO   Unable to lookup machine [machine1]. The machine will be
created.
INFO   Node manager does not exist, creating new one.
INFO   Setting node manager type [Plain].
INFO   Setting node manager address [localhost].
INFO   Setting node manager port [5002].
INFO   Setting node manager debug [None].
INFO   Debug Enable is not specified, skipping.
INFO   Lookup server [as]
INFO   Assigning machine [machine1] to admin server [as].
INFO   Server [as] already exists, checking REPLACE flag.
INFO   Setting Auto Restart [None].
INFO   WorkManager(s) is not specified, skipping.
INFO   Command completed.

BUILD SUCCESS
```


1.1.7 db_switchover

db_switchover performs a failover of a RAC database configuration between RAC sites. The current value of the rac.site configuration property in configuration files for the environment determines the RAC site that will be failed over to.

1.1.7.1 Command

```
ConfigNOW db_switchover <env> <config>
```

1.1.7.2 Parameters

Property	Required	Description
env	Yes	Environment to perform database switchover for
config	Yes	Configuration file to use to for database switchover

1.1.7.3 Properties used

Property	Required	Description
rac.site	Yes	RAC site to fail over to
jdbc.multidatasources	Yes	List of JDBC multidatasources to fail over configuration for

1.1.7.4 Example configuration

```
rac.site=rac2
rac1.datasources=AuditDB-rac1
rac2.datasources=AuditDB-rac2
jdbc.datasources=${rac1.datasources},${rac2.datasources}
jdbc.multidatasources=AuditDB

db.host=localhost
db.port=1521
db.service=XE
db.driver=oracle.jdbc.OracleDriver
ds.url=jdbc:oracle:thin:@${db.host}:${db.port}/${db.service}
```

```
jdbc.multidatasource.AuditDB.JNDI=jdbc/multi/Audit
jdbc.multidatasource.AuditDB.Name=AuditDBMultiDS
jdbc.multidatasource.AuditDB.AlgorithmType=Failover
jdbc.multidatasource.AuditDB.DataSources=AuditDB-rac1,AuditDB-rac2
jdbc.multidatasource.AuditDB.Targets=svrCluster
jdbc.multidatasource.AuditDB.svrCluster.TargetType=Cluster
jdbc.multidatasource.AuditDB.rac.site.rac1.DataSources=AuditDB-rac1
jdbc.multidatasource.AuditDB.rac.site.rac2.DataSources=AuditDB-rac2
```

1.1.7.5 Example output

```
os_prompt> ./ConfigNOW.sh db_switchover local rac_example
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/rac_example.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command from jython file: core/commands/db_switchover.py
INFO   Establishing connection to Admin Server at URL
[t3://localhost:7001], attempt #1
Connecting to t3://localhost:7001 with userid weblogic ...
Successfully connected to Admin Server 'AdminServer' that belongs to
domain 'rac_example_domain'.

Warning: An insecure protocol was used to connect to the
server. To ensure on-the-wire security, the SSL port or
Admin port should be used instead.

Location changed to edit tree. This is a writable tree with
DomainMBean as the root. To make changes you will need to start
an edit session via startEdit().

For more help, use help(edit)

Starting an edit session ...
Started edit session, please be sure to save and activate your
changes once you are done.
INFO   Switched [AuditDBMultiDS] from [AuditDB-rac1] to [AuditDB-rac2]
Saving all your changes ...
Saved all your changes successfully.
Activating all your changes, this may take a while ...
The edit lock associated with this edit session is released
once the activation is completed.
Activation completed
Already in Edit Tree
```

```
Starting an edit session ...
Started edit session, please be sure to save and activate your
changes once you are done.
Saving all your changes ...
Saved all your changes successfully.
Activating all your changes, this may take a while ...
The edit lock associated with this edit session is released
once the activation is completed.
Activation completed
Disconnected from weblogic server: AdminServer
INFO  Command completed.

BUILD SUCCESS
```

1.1.8 deploy_apps

deploy_apps deploys applications to configured targets for a WebLogic domain.

1.1.8.1 Command

```
ConfigNOW deploy_apps <env> <config>
```

1.1.8.2 Parameters

Property	Required	Description
env	Yes	Environment to deploy applications for
config	Yes	Configuration file to use to for deploying applications

1.1.8.3 Properties used

Property	Required	Description
applications	Yes	Comma-separated list of applications to deploy
applications.default.deploy.path	No	Default path to locate application files
application.<app>.name	Yes	Logical identifier for individual application
application.<app>.path	Yes	Directory files for application are located in
application.<app>.targets	Yes	Comma-separated list of targets to deploy application to

1.1.8.4 Example configuration

```
applications=helloWorld
application.helloWorld.name=HelloWorldWeb
application.helloWorld.path=custom/resources/examples
application.helloWorld.file=HelloWorldWeb.war
application.helloWorld.targets=as
application.helloWorld.target.as.TargetType=Server
```

1.1.8.5 Example output

```
os_prompt> ./ConfigNOW.sh deploy_apps local deploy_example
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/deploy_example.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command from jython file: core/commands/deploy_apps.py
INFO   Establishing connection to Admin Server at URL
[t3://localhost:7001], attempt #1
Connecting to t3://localhost:7001 with userid weblogic ...
Successfully connected to Admin Server 'as' that belongs to domain
'simple_domain'.

Warning: An insecure protocol was used to connect to the
server. To ensure on-the-wire security, the SSL port or
Admin port should be used instead.

Location changed to edit tree. This is a writable tree with
DomainMBean as the root. To make changes you will need to start
an edit session via startEdit().

For more help, use help(edit)

Starting an edit session ...
Started edit session, please be sure to save and activate your
changes once you are done.
INFO   Deploying application: HelloWorldWeb
Deploying application from
/home/kevinpove/programming/work/RECTBETA2/custom/resources/examples/H
elloWorldWeb.war to targets as (upload=false) ...
<01/07/2011 11:34:47 AM EST> <Info> <J2EE Deployment SPI> <BEA-260121>
<Initiating deploy operation for application, HelloWorldWeb [archive:
/home/kevinpove/programming/work/RECTBETA2/custom/resources/examples/H
elloWorldWeb.war], to as .>
You have an edit session in progress, hence WLST will not
block for your deployment to complete.
Started the Deployment of Application. Please refer to the returned
WLSTProgress object or variable LAST to track the status.
Current Status of your Deployment:
Deployment command type: deploy
Deployment State        : running
Deployment Message      : [Deployer:149140]The task cannot be processed
further until the current edit session is activated. When this occurs,
task processing will continue. The user can exit the deployer tool
without affecting the task.
```

```
Saving all your changes ...  
Saved all your changes successfully.  
Activating all your changes, this may take a while ...  
The edit lock associated with this edit session is released  
once the activation is completed.  
Activation completed  
INFO  Command completed.  
  
BUILD SUCCESS
```

1.1.9 deploy_composite

deploy_composite deploys an SCA composite application to a SOA Suite domain.

1.1.9.1 Command

```
ConfigNOW deploy_composite <env> <config>
```

1.1.9.2 Parameters

Property	Required	Description
env	Yes	Environment to use to locate SOA Suite domain
config	Yes	Configuration file to use to locate SOA Suite domain

1.1.9.3 Properties used

Property	Required	Description
soa.host	Yes	Hostname used to locate SOA Suite server
wls.server.soa_server1.listener.port	Yes	Port SOA Suite server (named 'soa_server1' by default) is listening on
wls.admin.username	Yes	Administration user used to connect to domain
wls.admin.password	Yes	Password for administration user
composite.location	Yes	Relative or absolute path to SAR file for composite to be deployed
composite.override	No	Whether to overwrite any existing composite matching the deployed composite's details
composite.default	No	Whether the composite being deployed is the default version

1.1.9.4 Example configuration

```
soa.host=localhost
wls.server.soa_server1.listener.port=8001
wls.admin.username=weblogic
wls.admin.password={AES}AHphcSZJOITrczv/9889iw==dw25kxa86GAb9gRukVf2eg
==
composite.location=custom/resources/examples/sca_HelloWorld_rev1.0.jar
```

1.1.9.5 Example output

```
os_prompt> ./ConfigNOW.sh deploy_composite local composites_example
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/composites_example.properties
INFO   decrypting passwords in base file first:
config/environments/local/soallg.properties
INFO   decrypting passwords in base file first:
config/templates/simple/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/simple/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command deploy_composite as ant target in build file:
core/commands/ant/composite-mgmt.xml

deploy_composite:
    [echo] oracle.home = /opt/wls1035_native/soa/bin/..

deploy:
    [input] skipping input as property serverURL has already been set.
    [input] skipping input as property sarLocation has already been
set.
setting user/password..., user=weblogic
Processing sar=custom/resources/examples/sca_HelloWorld_rev1.0.jar
Adding sar file -
/home/kevinpove/programming/work/ConfigNOW/custom/resources/examples/s
ca_HelloWorld_rev1.0.jar
INFO: Creating HTTP connection to host:localhost, port:8001
INFO: Received HTTP response from the server, response code=200
```



```
---->Deploying composite success.  
INFO  Command completed.
```

```
BUILD SUCCESS
```

1.1.10 deploy_composite_with_cp

deploy_composite_with_cp deploys an SCA composite application to a SOA Suite domain, using the specified configuration plan.

1.1.10.1 Command

```
ConfigNOW deploy_composite_with_cp <env> <config>
```

1.1.10.2 Parameters

Property	Required	Description
env	Yes	Environment to deploy composite to
config	Yes	Configuration file to use to locate SOA Suite domain to deploy composite to

1.1.10.3 Properties used

Property	Required	Description
soa.host	Yes	Hostname used to locate SOA Suite server
wls.server.soa_server1.listener.port	Yes	Port SOA Suite server (named 'soa_server1' by default) is listening on
wls.admin.username	Yes	Administration user used to connect to domain
wls.admin.password	Yes	Password for administration user
composite.location	Yes	Relative or absolute path to SAR file for composite to be deployed
composite.cp	Yes	Relative or absolute path to configuration plan to use
composite.override	No	Whether to overwrite any existing composite matching the deployed composite's details
composite.default	No	Whether the composite being deployed is the default version

1.1.10.4 Example configuration

```
soa.host=localhost
wls.server.soa_server1.listener.port=8001
wls.admin.username=weblogic
wls.admin.password={AES}AHphcSZJOITrczv/9889iw==dw25kxa86GAb9gRukVf2eg
==
composite.location=custom/resources/examples/sca_HelloWorld_rev1.0.jar
composite.cp=custom/resources/examples/HelloWorld_cfgplan.xml
```

1.1.10.5 Example output

```
os_prompt> ./ConfigNOW.sh deploy_composite_with_cp local soallg -
Dcomposite.cp=custom/resources/examples/HelloWorld_cfgplan.xml
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/soallg.properties
INFO   decrypting passwords in base file first:
config/templates/simple/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command deploy_composite_with_cp as ant target in build
file: core/commands/ant/composite-mgmt.xml

deploy_composite_with_cp:
    [echo] oracle.home = /opt/wls1035_native/soa/bin/..

deploy:
    [input] skipping input as property serverURL has already been set.
    [input] skipping input as property sarLocation has already been
set.
setting user/password..., user=weblogic
Processing sar=custom/resources/examples/sca_HelloWorld_rev1.0.jar
Adding sar file -
/home/kevinpove/programming/work/ConfigNOW/custom/resources/examples/s
ca_HelloWorld_rev1.0.jar
INFO: Creating HTTP connection to host:localhost, port:8001
INFO: Received HTTP response from the server, response code=200
---->Deploying composite success.
```

```
INFO Command completed.
```

```
BUILD SUCCESS
```

1.1.11 deploy_osb_config

deploy_osb_config deploys a JAR file containing OSB configuration to a running domain

1.1.11.1 Command

```
ConfigNOW deploy_osb_config <env> <config>
```

1.1.11.2 Parameters

Property	Required	Description
env	Yes	Environment to use to locate OSB domain
config	Yes	Configuration file to use to locate OSB domain to deploy to

1.1.11.3 Properties used

Property	Required	Description
osb.configs	Yes	Comma-separated list of OSB configuration JARs to deploy
osb.config.<conf>.file	Yes	Full or relative path to OSB configuration file to deploy
osb.config.<conf>.file.custom	No	Optional customization file to use when deploying OSB configuration

1.1.11.4 Example configuration

```
osb.configs=appserver
osb.config.appserver.file=C:/Work/ConfigNOW/sbconfig_appserver.jar
osb.config.appserver.file.custom=C:/Work/ConfigNOW/customization.xml
```

1.1.11.5 Example output

```
os_prompt>ConfigNOW.cmd deploy_osb_config local osb11g

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO
=====
===
INFO  This version of ConfigNOW 4.1 is a Release Candidate and as such
will
INFO  expire on the 3rd of August 2012.  At this time a subsequent
Release
INFO  Candidate or the final release will be available on our website
at:
INFO  http://www.integraltech.com.au
INFO
=====
===
INFO  Loading configuration from file:
config\environments\local\osb11g.properties
INFO  WLST support: True
INFO  Running command from jython file:
core\commands\deploy_osb_config.py
INFO  Establishing connection to Admin Server at URL
[t3://localhost:7001], attempt #1
Connecting to t3://localhost:7001 with userid weblogic ...
Successfully connected to Admin Server 'AdminServer' that belongs to
domain 'osb11115manualdomain'.

Warning: An insecure protocol was used to connect to the
server. To ensure on-the-wire security, the SSL port or
Admin port should be used instead.

INFO  Deploying OSB configuration from file
'C:/Work/ConfigNOW/sbconfig_appserver.jar'
Location changed to domainRuntime tree. This is a read-only tree with
DomainMBean as the root.
For more help, use help(domainRuntime)

<trimmed output>

INFO  Command completed.

BUILD SUCCESS
```

1.1.12 example

example is an example command implemented using a Jython script. It is provided as part of ConfigNOW as a template for creating custom scripted commands. The Jython implementation can be found in a ConfigNOW distribution at `custom\commands\example.py`

1.1.12.1 Command

```
ConfigNOW example <env> <config>
```

1.1.12.2 Parameters

Property	Required	Description
env	Yes	Environment to pass to command
config	Yes	Configuration file to pass to command

1.1.12.3 Properties used

None

1.1.12.4 Example output

```
os_prompt> ./ConfigNOW.sh example local simple
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/simple.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command from jython file: custom/commands/example.py
INFO   wls.oracle.home = /opt/wls1034
INFO   running global post command plugin:
custom/plugins/example_post.py
INFO   wls.oracle.home = /opt/wls1034
INFO   Command completed.

BUILD SUCCESS
```

1.1.13 example_using_ant

example_using_ant is an example command implemented using an Ant build file. It is provided as part of ConfigNOW as a template for creating custom commands implemented using Ant build files. The Ant implementation can be found in a ConfigNOW distribution at custom\commands\ant\example_using_ant.xml

1.1.13.1 Command

```
ConfigNOW example_using_ant <env> <config>
```

1.1.13.2 Parameters

Property	Required	Description
env	Yes	Environment to pass to command
config	Yes	Configuration file to pass to command

1.1.13.3 Properties used

All

1.1.13.4 Example output

```
os_prompt> ./ConfigNOW.sh example_using_ant
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO WLST support: True
INFO running global pre command plugin:
custom/plugins/example_using_ant_pre.py
INFO -- in example_using_ant_pre.py - doing some global custom stuff
```



```
pre ant task...
INFO  Running command example_using_ant as ant target in build file:
custom/commands/ant/example_using_ant.xml

example_using_ant:
    [echo] hello from ant
    [echo] wls.oracle.home=${wls.oracle.home}
INFO  Command completed.

BUILD SUCCESS
```

1.1.14 help

help displays all available ConfigNOW commands, with a brief description of each command.

1.1.14.1 Command

```
ConfigNOW help
```

1.1.14.2 Parameters

None

1.1.14.3 Properties used

None

1.1.14.4 Example output

```
os_prompt> ConfigNOW help
INFO WLST support: False
INFO Running command from jython file: core\commands\help.py

Available commands are:

activate_composite      Activate a composite
configure_domain        Configure existing WebLogic Domain
configure_obpm          Configure Oracle BPM 10g database and
applications
create_domain           Create WebLogic Domain
db_switchover           Database Switchover to Alternate Site
deploy_apps             Deploy JEE applications to WebLogic
deploy_composite        Deploy a composite
deploy_composite_with_cp Deploy a composite specifying a config plan
deploy_eALOC            Deploys eALOC components to target
environment
install_obpm            Install Oracle BPM 10g
install_osb             Install Oracle Service Bus 11g
install_osb10g          Install Oracle Service Bus 10g
install_soa_suite       Install SOA Suite
install_weblogic        Install WebLogic
list_composites         List deployed composites
password_encrypter      Encrypts all the password properties
retire_composite        Retire a composite
run_rcu                 Runs Repository Creation Utility
```

```
set_default_composite      Sets a composite revision as the default
setup_oer_reports          Setup OER reports in BI Publisher
show_config               Display the config as a fully resolved set
of properties
start_composite            Start a composite
start_wls_admin            Start WebLogic admin server
stop_composite             Stop a composite
stop_wls_admin             Stop WebLogic admin server
undeploy_composite         Undeploy a composite

INFO  Command completed.

BUILD SUCCESS
```

1.1.15 install_obpm

install_obpm installs Oracle BPM 10g.

1.1.15.1 Command

```
ConfigNOW install_obpm <env> <config> -Dobpm.install.file=<install  
file location> -Dobpm.home=<obpm home>
```

1.1.15.2 Parameters

Property	Required	Description
env	No	Environment to use to install OBPM
config	No	Configuration file to use to install OBPM

1.1.15.3 Properties used

Property	Required	Description
obpm.install.file	Yes	File to use to install OBPM
obpm.home	Yes	Location to install OBPM to
password.prompt	No	Whether to prompt for database passwords if not supplied
global.jdbc.password.value	Yes	Password to set for OBPM database users

1.1.15.4 Example output

```
os_prompt> ./ConfigNOW.sh install_obpm local soa11g -  
Dobpm.install.file=/media/Work/OracleBPMEnterpriseWL103200_lin_jvm32.b  
in -Dobpm.home=/opt/obpm10g -Dglobal.jdbc.password.value=password  
found setenv.sh
```

```
Initializing WebLogic Scripting Tool (WLST) ...
```

```
Welcome to WebLogic Server Administration Scripting Shell
```

```
Type help() for help on available commands

INFO  Loading configuration from file:
config/environments/local/soallg.properties
INFO  setenv file verified.
INFO  WLST support: True
INFO  Running command install_obpm as ant target in build file:
core/commands/ant/build-obpm.xml

validate.obpm.install:

install_obpm:
    [echo] Installing Oracle BPM with the following settings:
    [echo] =====
    [echo] OBPM Home: /opt/obpm10g
    [echo] =====
    [echo] Please be patient the silent installer may take several
minutes to run.
    [exec] Preparing to install...
    [exec] Extracting the JRE from the installer archive...
    [exec] Unpacking the JRE...
    [exec] Extracting the installation resources from the installer
archive...
    [exec] Configuring the installer for this system's environment...

    [exec] Launching installer...

    [exec] Preparing SILENT Mode Installation...

    [exec]
=====
=====
    [exec] Oracle BPM Enterprise for Oracle WebLogic 10.3(created
with InstallAnywhere by Macrovision)
    [exec] -----
-----

    [exec]
=====
=====
    [exec] Installing...
    [exec] -----

    [exec]
[===== | ===== | ===== | ===== | =====]
=====]
    [exec]  [----- | ----- | -----]
|-----]

    [exec] Installation Complete.
    [echo] =====
    [echo] =====
    [echo] Oracle BPM Install Finished
    [echo] =====
```

```
[echo] =====  
INFO  Command completed.  
  
BUILD SUCCESS
```

1.1.16 install_osb

install_osb creates a new Oracle Service Bus (11g or higher) installation non-interactively.

1.1.16.1 Command

```
ConfigNOW install_osb <env> <config> -Dosb.install.zip=<install file location>
```

1.1.16.2 Parameters

Property	Required	Description
env	Yes	Environment to use while installing OSB
config	Yes	Configuration file to use to guide OSB installation
osb_install_zip	Yes (unless property is specified in configuration properties)	The location of the OSB install file.

1.1.16.3 Properties used

Property	Required	Description
osb.install.zip	Yes (unless osb.install.dir is set)	The location of the OSB install file. Tested install files include: <ul style="list-style-type: none"> ofm_osb_generic_11.1.1.4.0_disk1_1of1.zip ofm_osb_generic_11.1.1.3.0_disk1_1of1.zip
osb.install.dir	Yes (unless osb.install.zip is set)	The location of the Disk1 directory of the extract zip file.
wls.oracle.home	Yes	The full path of the existing Fusion Middleware (WebLogic) install home
wls.name	Yes	The name of the existing WebLogic home directory. For all 10.3.x versions of WebLogic this is typically 'wlserver_10.3'
osb.name	Yes	The desired name of the OSB home directory.
wls.domain.javahome	Yes	The java instance to use for the installation
osb.install.tmp.dir	No	The temporary directory to extract the install files to when osb.install.zip property is set. Use this property to change from the default temp directory.
oui.inventory.directory	Yes (when running on unix)	The directory to create the OUI inventory at
oui.install.group	Yes (when running on unix)	The unix group to use for the install (e.g. oinstall)
oui.inventory.loc	Yes (when running on unix)	The location to create the oraInst.loc file

1.1.16.4 Example output

```
os prompt> ./ConfigNOW.sh install osb local osb11g

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/osb11g.properties
INFO   WLST support: True
INFO   Running command install_osb as ant target in build file:
core/commands/ant/build-osb.xml

validate.osb.install:

populate.osb.rsp:
[copy] Copying 1 file to
/home/kevinpove/programming/ConfigNOW/core/commands/ant/tmp

unzip.osb.install.file:

install_osb:
[echo] Installing OSB with the following settings:
[echo] =====
[echo] Middleware Home: /u02/app/oracle/product/fmw/11.1.1
[echo] OSB Home: /u02/app/oracle/product/fmw/11.1.1/Oracle_OSB1
[echo] WL Home: /u02/app/oracle/product/fmw/11.1.1/wlserver_10.3
[echo] =====

generic.oui.install:
[echo] Please be patient the silent installer may take several
minutes to run.
[exec] Starting Oracle Universal Installer...

[exec] Checking if CPU speed is above 300 MHz.    Actual 2768 MHz
Passed
[exec] Checking Temp space: must be greater than 150 MB.    Actual
7542 MB    Passed
[exec] Checking swap space: must be greater than 512 MB.    Actual
1725 MB    Passed
[exec] Preparing to launch Oracle Universal Installer from
/tmp/OraInstall2011-05-06_04-34-16PM. Please wait ...Log:
/opt/oracle/oraInventory/logs/install2011-05-06_04-34-16PM.log
[exec] Copyright (c) 1999, 2010, Oracle and/or its affiliates.
All rights reserved.
[exec] Reading response file..
[exec] sh: /bin/rpm: not found
[exec] sh: /bin/rpm: not found
[exec] Warning: Check:CertifiedVersions failed.
[exec] Expected result: One of enterprise-5.4,enterprise-
```

```

4,enterprise-5,redhat-5.4,redhat-4,redhat-5,SuSE-10,SuSE-11
[exec] Actual Result: (Unknown OS version)
[exec] Check complete. The overall result of this check is:
Failed <<<<

[exec] Problem: This Oracle software is not certified on the
current operating system.
[exec] Recommendation: Make sure you are installing the software
on the correct platform.
[exec] Check complete. The overall result of this check is:
Failed <<<<

[exec] Problem: Some recommended packages are missing (see
above).
[exec] Recommendation: You may actually have installed packages
which have obsoleted these, in which case you can successfully
continue with the install. If you have not, it is recommended that you
do not continue. Refer to the product release notes to find out how to
get the missing packages and update the system.
[exec] Expected result: 1024MB
[exec] Actual Result: 2012MB
[exec] Check complete. The overall result of this check is:
Passed
[exec] Warning: Check:GLIBC failed.
[exec] TotalMemory Check: Success.
[exec] Verifying data.....
[exec] Copying Files...
[exec] -----20%-----40%-----60%-----80%-----
---100%

[exec] The installation of Oracle AS Common Toplevel Component,
Oracle Service Bus completed successfully.
[delete] Deleting:
/home/kevinpove/programming/ConfigNOW/core/commands/ant/tmp/osb_Oracle
_OSB1.rsp
[echo] =====
[echo] =====
[echo] OSB Install Finished
[echo] =====
[echo] =====
INFO Command completed.

BUILD SUCCESS

```

1.1.17 install_osb10g

install_osb10g creates a new Oracle Service Bus installation non-interactively.

1.1.17.1 Command

```
ConfigNOW install_osb10g <env> <config> -Dosb.install.file=<install
file location>
```

1.1.17.2 Parameters

Property	Required	Description
env	Yes	Environment to use while installing OSB
config	Yes	Configuration file to use to guide OSB installation
osb_install_file	Yes (unless property is specified in configuration properties)	The location of the OSB install binary.

1.1.17.3 Properties used

Property	Required	Description
osb.install.file	Yes	The location of the OSB install binary.
wls.bea.home	Yes	The full path of the existing Fusion Middleware (WebLogic) install home
wls.name	Yes	The name of the existing WebLogic home directory. For all 10.3.x versions of WebLogic this is typically 'wlserver_10.3'
osb.name	Yes	The desired name of the OSB home directory.
wls.nodemanager.port	Yes	Port to be used by default nodemanager configuration created on install

1.1.17.4 Example output

```
os_prompt> ConfigNOW install_osb10g dev osb10g
INFO  Loading configuration from file:
config\environments\dev\osb10g.properties
INFO  WLST support: False
INFO  Running command install_osb10g as ant target in build file:
core\commands\ant\build-osb10g.xml

validate.osb.install:

populate.silent.xml:
    [copy] Copying 1 file to
C:\programming\projects\work\ConfigNOW\core\commands\ant\tmp

install_osb10g:
    [echo] Temporary folder location:
C:\Users\kpowe\AppData\Local\Temp\
    [echo] Please be patient the silent installer may take several
minutes to run.
    [exec] Extracting
.....
.....
... Done
    [delete] Deleting:
C:\programming\projects\work\ConfigNOW\core\commands\ant\tmp\silent_os
b.x
ml
INFO  Command completed.

BUILD SUCCESS
```

1.1.18 install_soa_suite

install_soa_suite creates a new SOA Suite installation non-interactively.

1.1.18.1 Command

```
ConfigNOW install_soa_suite <env> <config> [-
Dsoa.suite.install.part1.zip=<install file location>]
```

1.1.18.2 Parameters

Property	Required	Description
env	Yes	Environment to use to install SOA Suite
config	Yes	Configuration file to use to guide SOA Suite installation
soa.suite.install.part1.zip	Yes (unless property is specified in configuration properties, or soa.suite.install.zip or soa.suite.install.dir are specified)	Location of the primary SOA Suite install file.
soa.suite.install.part2.zip	Yes (unless property is specified in configuration properties, or soa.suite.install.zip or soa.suite.install.dir are specified)	Location of the second part of the SOA Suite install file.

1.1.18.3 Properties used

Property	Required	Description
wls.oracle.home	Yes	The full path of the existing Fusion Middleware (WebLogic) install home
soa.name	Yes	The desired name of the SOA home directory
wls.domain.javahome	Yes	The Java instance to use for the installation
soa.install.tmp.dir	No	The temporary directory to extract the install files to when soa.suite.install.zip, soa.suite.install.part1.zip or soa.suite.install.part2.zip properties are set. Use this property to change from the default temp directory.
oui.inventory.directory	Yes (when running on Unix)	The directory to create the OUI inventory in
oui.install.group	Yes (when running on Unix)	The unix group to use for the install (e.g. oinstall)
oui.inventory.loc	Yes (when running on Unix)	The location to create the oraInst.loc file

1.1.18.4 Example output

```

os_prompt>./ConfigNOW.sh install_soa_suite local soa11g -
Dsoa.suite.install.part1.zip=/home/kevinpowe/Downloads/ofm_soa_generic
_11.1.1.5.0_disk1_1of2.zip -
Dsoa.suite.install.part2.zip=/home/kevinpowe/Downloads/ofm_soa_generic
_11.1.1.5.0_disk1_2of2.zip
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/soa11g.properties
INFO   decrypting passwords in base file first:
config/templates/simple/soa11g_template.properties
INFO   decrypting passwords in base file first:
config/templates/soa11g_template.properties
INFO   decrypting passwords in base file first:

```

```
config/templates/soa11g_template.properties
INFO setenv file verified.
INFO WLST support: True
INFO Running command install_soa_suite as ant target in build file:
core/commands/ant/build-soasuite.xml

validate.soa.suite.install:

populate.soa.suite.rsp:
  [copy] Copying 1 file to
/home/kevinpowe/programming/work/ConfigNOW/core/commands/ant/tmp

unzip.install.files:

remove.soa.install.tmp.dir:
  [unzip] Expanding:
/home/kevinpowe/Downloads/ofm_soa_generic_11.1.1.5.0_disk1_1of2.zip
into /tmp/soa-suite
  [unzip] Expanding:
/home/kevinpowe/Downloads/ofm_soa_generic_11.1.1.5.0_disk1_2of2.zip
into /tmp/soa-suite

install_soa_suite:
  [echo] Installing SOA Suite with the following settings:
  [echo] =====
  [echo] Middleware Home: /opt/wls1035_native
  [echo] SOA Home: /opt/wls1035_native/soa
  [echo] =====

generic.oui.install:
  [echo] Please be patient the silent installer may take several
minutes to run.
  [exec] Starting Oracle Universal Installer...

  [exec] Checking if CPU speed is above 300 MHz.      Actual 2763 MHz
Passed
  [exec] Checking Temp space: must be greater than 150 MB.      Actual
30269 MB      Passed
  [exec] Checking swap space: must be greater than 512 MB.      Actual
3376 MB      Passed
  [exec] Preparing to launch Oracle Universal Installer from
/tmp/OraInstall2011-08-31_03-48-53PM. Please wait ...Log:
/home/kevinpowe/oraInventory/logs/install2011-08-31_03-48-53PM.log
  [exec] Copyright (c) 1996, 2011, Oracle and/or its affiliates.
All rights reserved.
  [exec] Reading response file..
  [exec] sh: /bin/rpm: not found
  [exec] sh: /bin/rpm: not found
  [exec] Expected result: One of enterprise-5.4,enterprise-
4,enterprise-5,redhat-5.4,redhat-4,redhat-5,SuSE-10,SuSE-11
  [exec] Actual Result: (Unknown
  [exec] Check complete. The overall result of this check is:
Failed <<<<

  [exec] Problem: This Oracle software is not certified on the
current operating system.
  [exec] Recommendation: Make sure you are installing the software
```

```
on the correct platform.
[exec] Warning: Check:CertifiedVersions failed.
[exec] Check complete. The overall result of this check is:
Failed <<<<

[exec] Problem: Some recommended packages are missing (see
above).
[exec] Recommendation: You may actually have installed packages
which have obsoleted these, in which case you can successfully
continue with the install. If you have not, it is recommended that you
do not continue. Refer to the product release notes to find out how to
get the missing packages and update the system.
[exec] Warning: Check:GLIBC failed.
[exec] Expected result: 1024MB
[exec] Actual Result: 3024MB
[exec] Check complete. The overall result of this check is:
Passed
[exec] TotalMemory Check: Success.
[exec] Verifying data.....
[exec] Copying Files...
[exec] -----20%-----40%-----60%-----80%-----
---100%

[exec] The installation of Oracle AS Common Toplevel Component,
Oracle SOA Suite 11g completed successfully.
[delete] Deleting:
/home/kevinpove/programming/work/ConfigNOW/core/commands/ant/tmp/soaSu
ite_soa.rsp
[echo] =====
[echo] =====
[echo] SOA Suite Install Finished
[echo] =====
[echo] =====
INFO Command completed.

BUILD SUCCESS
```


1.1.19 install_weblogic

install_weblogic creates a new WebLogic Server installation non-interactively.

1.1.19.1 Command

```
ConfigNOW install_weblogic <env> <config> -Dwls.install.file=<install  
file location>
```

1.1.19.2 Parameters

Property	Required	Description
env	Yes	Environment to perform installation for
config	Yes	Configuration file to use to install WebLogic Server

1.1.19.3 Properties used

Property	Required	Description
wls.install.file	Yes	The location of the WebLogic install binary.
wls.oracle.home	Yes	The full path of the Fusion Middleware home that will be created as part of installing WebLogic Server
wls.name	Yes	The name of the WebLogic home directory that will be created.
wls.nodemanager.port	Yes	Port to be used by default nodemanager configuration created on install

1.1.19.4 Example configuration

```
wls.oracle.home=/opt/wls1035  
wls.name=wlserver_10.3  
wls.domain.javahome=/opt/jdk1.6.0_25
```

1.1.19.5 Example output

```
os_prompt> ./ConfigNOW.sh install weblogic local wls1035 -
```

```
Dwls.install.file=/home/kevinpowe/Downloads/wls1035_generic.jar
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/wls1035.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command install_weblogic as ant target in build file:
core/commands/ant/build-weblogic.xml

validate.weblogic.install:

populate.silent.xml:
  [copy] Copying 1 file to
/home/kevinpowe/programming/work/RECTBETA2/core/commands/ant/tmp

install_weblogic:
  [echo] Temporary folder location: /tmp
  [echo] Installing WebLogic with the following settings:
  [echo] =====
  [echo] BEA/Oracle Home: /opt/wls1035
  [echo] WebLogic Home: /opt/wls1035/wlserver_10.3
  [echo] Node Manager Port: 5556
  [echo] =====
  [echo] Please be patient the silent installer may take several
minutes to run.
  [echo] Performing install from jar file.
  [delete] Deleting:
/home/kevinpowe/programming/work/RECTBETA2/core/commands/ant/tmp/silen
t weblogic.xml
  [echo] =====
  [echo] =====
  [echo] WebLogic Install Finished
  [echo] =====
  [echo] =====
INFO   Command completed.

BUILD SUCCESS
```

1.1.20 list_composites

list_composites lists metadata for all composites deployed in a SOA Suite domain.

1.1.20.1 Command

```
ConfigNOW list_composites <env> <config>
```

1.1.20.2 Parameters

Property	Required	Description
Env	Yes	Environment to list composites for
Config	Yes	Configuration file to use to locate SOA Suite domain

1.1.20.3 Properties used

Property	Required	Description
soa.host	Yes	Hostname used to locate SOA Suite server
wls.server.soa_server1.listener.port	Yes	Port SOA Suite server (named 'soa_server1' by default) is listening on
wls.admin.username	Yes	Administration user used to connect to domain
wls.admin.password	Yes	Password for administration user

1.1.20.4 Example configuration

```
soa.host=localhost
wls.server.soa_server1.listener.port=8001
wls.admin.username=weblogic
wls.admin.password={AES}AHphcSZJOITrczv/9889iw==dw25kxa86GAb9gRukVf2eg
==
```

1.1.20.5 Example output

```
os_prompt> ./ConfigNOW.sh list_composites local soallg
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/soallg.properties
INFO   decrypting passwords in base file first:
config/templates/simple/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command list_composites as ant target in build file:
core/commands/ant/composite-mgmt.xml

list_composites:
    [echo] oracle.home = /opt/wls1035_native/soa/bin/..

listDeployedComposites:
    [input] skipping input as property host has already been set.
    [input] skipping input as property port has already been set.
    [input] skipping input as property user has already been set.
    [secure-input] skipping secure-input as property password has already
been set.
INFO   skipping secure-input as property password has already been set.
    [echo] oracle.home = /opt/wls1035_native/soa/bin/..

compositeMgrTask:
    [java] Connecting to: service:jmx:t3://brother-
eye:8001/jndi/weblogic.management.mbeanservers.runtime
    [java] connection initiated

    [java] Following 2 composites are currently deployed to the
platform:

    [java] 1. SimpleApproval[1.0], partition=default, mode=active,
state=on, isDefault=true, deployedTime=2011-11-02T12:37:16.311+11:00
    [java] 2. schema-restriction[01.00.00], partition=default,
mode=active, state=on, isDefault=true, deployedTime=2011-11-
02T14:15:32.261+11:00

INFO   Command completed.
```

1.1.21 opatch_XXX

opatch_apply,opatch_lsinventory , opatch_rollback command applies oracle patches to offline domain. It's based on Oracle's opatch utility.

1.1.21.1 Command

```
ConfigNOW opatch_apply <env> <config>
ConfigNOW opatch_lsinventory <env> <config>
ConfigNOW opatch_rollback <env> <config>
```

1.1.21.2 Parameters

Property	Required	Description
Env	Yes	Environment to apply the patch for
Config	Yes	Configuration file to use to pickup details like Oracle_Home , patch directory etc

1.1.21.3 Properties used

Property	Required	Description
opatch.patchesdir	Yes	The directory that contains the Patch zip file
opatch.patchname	Yes	Name of the patch file
opatch.patchid	Yes	Patch ID as specified by Oracle

1.1.21.4 Example output

```
OS Prompt>ConfigNOW opatch_lsinventory local soa12c
Java HotSpot(TM) 64-Bit Server VM warning: ignoring option
MaxPermSize=256m; sup
port was removed in 8.0

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO
=====
===
```

```
INFO ConfigNOW 4.1.7
INFO The latest releases of ConfigNOW are available at our website
at:
INFO http://www.integraltech.com.au
INFO
=====
===
INFO Loading configuration from file:
config\environments\local\soa12c.properties
INFO setenv file verified.
INFO WLST support: True
INFO Running command opatch_lsinventory as ant target in build file:
core\comm
nds\ant\opatch.xml

opatch_lsinventory:
    [echo] Applying an Oracle Patch using oPatch and the following
settings:
    [echo]
=====
    [echo] Middleware Home: C:/Oracle12c
    [echo]
=====

generic.opatch.run:
    [echo] Please be patient the oPatch tools may take several
minutes to run.
    [echo] IMPORTANT: Please note that on Windows oPatch commands may
need to b
e run as Administrator
    [echo] IMPORTANT: If you are receiving message about a locked
inventory or
OPatch is throwing
    [echo] IMPORTANT: Null pointers, then this is likely your issue
    [exec] Oracle Interim Patch Installer version 13.2.0.0.0
    [exec] Copyright (c) 2014, Oracle Corporation. All rights
reserved.
    [exec]
    [exec]
    [exec] Oracle Home      : C:/Oracle12c
    [exec] Central Inventory : C:\Program Files
(x86)\Oracle\Inventory
    [exec] from              : n/a
    [exec] OPatch version     : 13.2.0.0.0
    [exec] OUI version        : 13.2.0.0.0
    [exec] Log file location  :
C:/Oracle12c\cfgtoollogs\opatch\opatch2016-07-01
_09-41-59AM_1.log
    [exec]
    [exec]
    [exec] OPatch detects the Middleware Home as "C:\Oracle12c"
    [exec]
    [exec] Jul 01, 2016 9:43:17 AM
oracle.sysman.oui.Oiii.OiiiInstallAreaContro
l initAreaControl
    [exec] INFO: Install area Control created with access level 0
```

```
[exec] Lsinventory Output file location :  
C:/Oracle12c\cfgtoollogs\opatch\l  
sinv\lsinventory2016-07-01_09-41-59AM.txt  
[exec]  
[exec] -----  
-----  
[exec]  
[exec] There are no Interim patches installed in this Oracle  
Home.  
[exec]  
[exec] INFO Command completed.  
  
BUILD SUCCESS
```

1.1.22 Validate_config

Validate_config command verifies for the completeness and correctness of the properties in the supplied properties file. This command is useful when you are first building up the config files for a specific environment to ensure the requirements of property inheritance are covered.

1.1.22.1 Command

```
ConfigNOW validate_config <env> <config>
```

1.1.22.2 Parameters

Property	Required	Description
Env	Yes	Environment name
Config	Yes	Configuration file to validate the properties of

1.1.22.3 Properties used

No specific property is required as long as you supply the name of the properties file whose config needs to be validated.

1.1.22.4 Example output

```
Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO
=====
INFO ConfigNOW 4.2
INFO The latest releases of ConfigNOW are available at our website at:
INFO http://www.integraltech.com.au
INFO
=====
```



```
1.8.0_91
INFO Loading configuration from file: config\environments\local\simple12c.properties
INFO setenv file verified.
INFO WLST support: True
INFO Running command from jython file: core\commands\validate_config.py
INFO Validating Configuration
INFO Command completed.

BUILD SUCCESS
```

1.1.23 password_encrypter

`password_encrypter` encrypts all password properties (any property ending in `.password`) in the properties files identified by command parameters, and writes the encrypted password values back to the properties file.

1.1.23.1 Command

```
ConfigNOW password_encrypter <env> <config>
```

1.1.23.2 Parameters

Property	Required	Description
Env	Yes	Environment to encrypt passwords for
Config	Yes	Configuration file to use to encrypt passwords in chain of files

1.1.23.3 Properties used

None

1.1.23.4 Example output

```
os_prompt> ConfigNOW password_encrypter dev soallg
INFO  Loading configuration from file:
config\environments\dev\soallg.properties
INFO  WLST support: False
INFO  Running command from jython file:
core\commands\password_encrypter.py
INFO  config file location :config\environments\dev\soallg
INFO  Encrypting Passwords in config file
INFO  Command completed.

BUILD SUCCESS
```

1.1.24 run_rcu

run_rcu runs the repository creation utility to create database schemas for Fusion products.

1.1.24.1 Command

```
ConfigNOW run_rcu <env> <config> [-Ddrop.rcu.schemas=true]
```

1.1.24.2 Parameters

Property	Required	Description
env	Yes	Environment to run RCU for
config	Yes	Configuration file to use to run RCU
drop.rcu.schemas	No	Indicates RCU should drop the configured schemas

1.1.24.3 Properties used

Property	Required	Description
rcu.home	Yes	The RCU home directory. Under this directory 'bin/rcu.bat' or 'bin/rcu' can be found.
soa.sys.db.url	Yes	JDBC URL to access the database instance used by RCU
soa.schema.prefix	Yes	Database prefix to use when creating/dropping database tables. This allows multiple instances of a product to co-exist in the same database schema.
rcu.db.sys.password	No	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.

1.1.24.4 Example configuration

```
rcu.home=/home/batman/rcuTemp/rcuHome  
soa.sys.db.url=jdbc:oracle:thin:@localhost:1521:xe  
soa.schema.prefix=DEV
```

1.1.24.5 Example output

```
os prompt>confignow run rcu local soallg -Ddrop.rcu.schemas=true

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config\environments\local\soallg.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command from jython file: core\commands\run_rcu.py
INFO   Executing RCU
[Enter the sys database password]
I got this:
C:/Oracle/Middleware/rcuHome\bin\rcu.bat -silent -dropRepository -
databaseType ORACLE -connectString jdbc:oracle:thin:@l
ocalhost:1521:xe -dbUser sys -dbRole sysdba -schemaPrefix DEV -
component MDS -component SOAINFRA -component BAM -compone
nt ORASDPM -f < C:\Users\kpowe\AppData\Local\Temp\tmp19

Processing command line ....
Repository Creation Utility - Checking Prerequisites
Checking Global Prerequisites
Repository Creation Utility - Checking Prerequisites
Checking Component Prerequisites
Repository Creation Utility - Drop
Repository Drop in progress.
Percent Complete: 5
Percent Complete: 5
Percent Complete: 10
Percent Complete: 30
Percent Complete: 45
Percent Complete: 45
Percent Complete: 48
Percent Complete: 54
Percent Complete: 69
Percent Complete: 69
Percent Complete: 72
Percent Complete: 78
Percent Complete: 81
Percent Complete: 81
Percent Complete: 84
Percent Complete: 87
Percent Complete: 97
Percent Complete: 100
Repository Creation Utility: Drop - Completion Summary
Database details:
Connect Descriptor          :
jdbc:oracle:thin:@localhost:1521:xe
```

```

Connected As                : sys
Prefix for (prefixable) Schema Owners : DEV
RCU Logfile                  :
C:\Oracle\Middleware\rcuHome\rcu\log\logdir.2012-10-10_14-38\rcu.log
Component schemas dropped:
Component                    Status  Logfile
Metadata Services           Success
C:\Oracle\Middleware\rcuHome\rcu\log\logdir.2012-10-10_14-38\mds.log
SOA Infrastructure           Success
C:\Oracle\Middleware\rcuHome\rcu\log\logdir.2012-10-10_14-38\soainfra.log
Business Activity Monitoring Success
C:\Oracle\Middleware\rcuHome\rcu\log\logdir.2012-10-10_14-38\bam.log
User Messaging Service       Success
C:\Oracle\Middleware\rcuHome\rcu\log\logdir.2012-10-10_14-38\orasdpn.log

Repository Creation Utility - Drop : Operation Completed
INFO  Command completed.

BUILD SUCCESS

```

1.1.25 set_default_composite

set_default_composite sets the default revision number for a particular composite.

1.1.25.1 Command

```
ConfigNOW set_default_composite <env> <config>
```

1.1.25.2 Parameters

Property	Required	Description
env	Yes	Environment to use to locate SOA Suite domain
config	Yes	Configuration file to use to locate SOA Suite domain

1.1.25.3 Properties used

Property	Required	Description
----------	----------	-------------

soa.host	Yes	Hostname used to locate SOA Suite server
wls.server.soa_server1.listener.port	Yes	Port SOA Suite server (named 'soa_server1' by default) is listening on
wls.admin.username	Yes	Administration user used to connect to domain
wls.admin.password	Yes	Password for administration user
composite.name	Yes	Name of composite to set default revision for
composite.revision	Yes	Revision to set as default for composite

1.1.25.4 Example configuration

```
soa.host=localhost
wls.server.soa_server1.listener.port=8001
wls.admin.username=weblogic
wls.admin.password={AES}AHphcSZJOITrczv/9889iw==dw25kxa86GAb9gRukVf2eg
==
composite.name=HelloWorld
composite.revision=1.0
```

1.1.25.5 Example output

```
os_prompt> ./ConfigNOW.sh set_default_composite local soallg -
Dcomposite.name=HelloWorld -Dcomposite.revision=1.0
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/soallg.properties
INFO   decrypting passwords in base file first:
config/templates/simple/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command set_default_composite as ant target in build
file: core/commands/ant/composite-mgmt.xml

set_default_composite:
[echo] oracle.home = /opt/wls1035_native/soa/bin/..
```

```
assignDefaultComposite:
    [input] skipping input as property host has already been set.
    [input] skipping input as property port has already been set.
    [input] skipping input as property user has already been set.
    [secure-input] skipping secure-input as property password has already
been set.
INFO  skipping secure-input as property password has already been set.
    [input] skipping input as property compositeName has already been
set.
    [input] skipping input as property revision has already been set.
    [echo] oracle.home = /opt/wls1035_native/soa/bin/..

compositeMgrTask:
    [java] Connecting to:
service:jmx:t3://localhost:8001/jndi/weblogic.management.mbeanservers.
runtime
    [java] connection initiated
    [java] Composite (default/HelloWorld!1.0) is successfully set as
default composite.
INFO  Command completed.

BUILD SUCCESS
```

1.1.26 setup_oer_reports

setup_oer_reports packages and deploys Oracle Enterprise Repository reports into a Business Intelligence Publisher domain.

1.1.26.1 Command

```
ConfigNOW setup_oer_reports <env> <config>
```

1.1.26.2 Parameters

Property	Required	Description
env	Yes	Environment to use to locate SOA Suite domain
config	Yes	Configuration file to use to locate SOA Suite domain

1.1.26.3 Properties used

Property	Required	Description
oer.name	Yes	Subdirectory underneath Oracle Home for OER installation
INSTALL_PATH	Yes	Directory for Oracle home
wls.domain.dir	Yes	Root directory of WebLogic Server domain
bi.publisher.app.location	Yes	Directory to use to create packaged application
bi.publisher.oer.xmlp.zip	Yes	Location of Business Intelligence reports to package
bi.publisher.manual.dir	Yes	Directory under which deployable reports applications can be found
bi.publisher.wls.target	Yes	Target servers in domain to deploy application to

1.1.26.4 Example configuration

```
oer.name=repository111
INSTALL_PATH=/opt/wls1035_osb11115
wls.domain.dir=${INSTALL_PATH}/admin
bi.publisher.app.location=${wls.domain.dir}/apps/xmlpserver
bi.publisher.oer.xmlp.zip=${wls.oracle.home}/${oer.name}/core/tools/solutions/reports/BIP-Oracle.zip
bi.publisher.manual.dir=/home/kevinpove/Downloads/bi/Oracle_Business_Intelligence_Publisher_Standalone/manual
bi.publisher.wls.target=AdminServer
```

1.1.26.5 Example output

```
os_prompt> ./ConfigNOW.sh setup_oer_reports local oer_simple
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO  Loading configuration from file:
config/environments/local/oer_simple.properties
INFO  setenv file verified.
INFO  WLST support: True
INFO  running global pre command plugin:
custom/plugins/setup_oer_reports_pre.py
INFO  Running command setup_oer_reports as ant target in build file:
core/commands/ant/build-bi-publisher.xml

validate.oer.reports.properties:

setup_oer_reports:
[unzip] Expanding:
/opt/wls1035_osb11115/repository111/core/tools/solutions/reports/BIP-Oracle.zip into /opt/wls1035_osb11115/admin/apps/xmlpserver
[move] Moving 251 files to
/opt/wls1035_osb11115/admin/apps/xmlpserver

validate.bi.deploy.properties:

deploy_bipublisher10_weblogic:
[unzip] Expanding:
/home/kevinpove/Downloads/bi/Oracle Business Intelligence Publisher Standalone/manual/generic/xmlpserver.war into
/opt/wls1035_osb11115/admin/apps/xmlpserver
[java] weblogic.Deployer invoked with options: -adminurl
t3://brother-eye:7001 -username weblogic -name xmlpserver -deploy -
```

```
targets AdminServer -verbose
/opt/wls1035_osb11115/admin/apps/xmlpserver
[java] <23/02/2012 6:49:24 PM EST> <Info> <J2EE Deployment SPI>
<BEA-260121> <Initiating deploy operation for application, xmlpserver
[archive: /opt/wls1035_osb11115/admin/apps/xmlpserver], to AdminServer
.>
[java] Task 0 initiated: [Deployer:149026]deploy application
xmlpserver on AdminServer.
[java] Task 0 completed: [Deployer:149026]deploy application
xmlpserver on AdminServer.
[java] Target state: deploy completed on Server AdminServer

[java] Target Assignments:
[java] + xmlpserver AdminServer
INFO Command completed.

BUILD SUCCESS
```

1.1.27 show_config

show_config shows the properties used by ConfigNOW at runtime for a particular environment and configuration file combination, with any property references fully resolved. Any password properties will be displayed as masked '****'.

1.1.27.1 Command

```
ConfigNOW show_config <env> <config>
```

1.1.27.2 Parameters

Property	Required	Description
env	Yes	Environment to show configuration properties for
config	Yes	Configuration file to use to show configuration properties

1.1.27.3 Properties used

None

1.1.27.4 Examples

```
os_prompt> ConfigNOW show_config local simple
INFO Loading configuration from file:
config\environments\local\simple.properties
INFO WLST support: False
INFO Running command from jython file: core\commands\show_config.py

Configuration properties are:
  config_file_location=config\environments\local\simple.properties
  nodemanager.arguments=
  nodemanager.crashrecovery=true
  nodemanager.logcount=10
  nodemanager.loglimit=10000
  nodemanager.password=****
  nodemanager.username=weblogic
  redback.version=N/A
  validation=on
  wl.host=localhost
  wls.admin.listener.address=localhost
```

```
wls.admin.listener.port=7001
wls.admin.name=as
wls.admin.password=****
wls.admin.startup.timeout=20
wls.admin.username=weblogic
wls.admin.varguments=-Xms512m -Xmx1024m
wls.bea.home=c:/oracle/middleware
wls.domain.dir=c:/oracle/middleware/domains
wls.domain.javahome=c:/oracle/middleware/jdk160_18
wls.domain.machine.machine1.name=machine1
wls.domain.machine.machine1.nodemanager.address=localhost
wls.domain.machine.machine1.nodemanager.port=5002
wls.domain.machine.machine1.nodemanager.type=Plain
wls.domain.machine.machine1.postBindGID=nobody
wls.domain.machine.machine1.postBindGIDEnabled=false
wls.domain.machine.machine1.postBindUID=nobody
wls.domain.machine.machine1.postBindUIDEnabled=false
wls.domain.machine.machine1.type=UnixMachine
wls.domain.machines=machine1
wls.domain.mode=prod
wls.domain.name=my_domain
wls.name=wlserver_10.3
wls.oracle.home=c:/oracle/middleware
wls.server.as.enableHostnameVerification=false
wls.server.as.listener.address=localhost
wls.server.as.machine=machine1
wls.server.as.name=as
wls.servers=as
wls.templates=
```

INFO Command completed.

BUILD SUCCESS

1.1.28 show_config_lineage

show_config_lineage shows the properties used by ConfigNOW at runtime for a particular environment including the data lineage of how the property was established and where the value has been inherited from. Any property references are fully resolved and any password properties will be displayed as masked '*****'

1.1.28.1 Command

```
ConfigNOW show_config_lineage <env> <config>
```

1.1.28.2 Parameters

Property	Required	Description
env	Yes	Environment to show configuration properties for
config	Yes	Configuration file to use to show configuration properties

1.1.28.3 Properties used

None

1.1.28.4 Examples

```
os prompt> ConfigNOW show config lineage local simple inherit
INFO Loading configuration from file:
config\environments\local\simple_inherit.properties
INFO decrypting passwords in base file first:
config/templates/wl_as_template_stripped.properties
INFO WLST support: False
INFO Running command from jython file: core\commands\show config lineage.py

Data lineage for this configuration is:
[base.wls.domain.machine.name]
    Defined In      : config\environments\local\simple_inherit.properties
[Value=machine1] -->
    Inherited From : config/templates/wl as template stripped.properties
[Value=machine1]

[base.wls.domain.machine.nodemanager.address]
    Defined In      : config\environments\local\simple_inherit.properties
[Value=${wl.host}] -->
    Inherited From : config/templates/wl as template stripped.properties
```

```
[Value=${wl.host}]

[base.wls.domain.machine.nodemanager.port]
  Defined In      : config\environments\local\simple_inherit.properties
[Value=5002] -->
  Inherited From : config/templates/wl_as_template_stripped.properties
[Value=5002]

[base.wls.domain.machine.nodemanager.type]
  Defined In      : config\environments\local\simple_inherit.properties
[Value=Plain] -->
  Inherited From : config/templates/wl_as_template_stripped.properties
[Value=Plain]

[=====]
[SOME TEXT REMOVED HERE TO SHORTEN EXAMPLE]
[=====]

INFO  Command completed.

BUILD SUCCESS
```

1.1.29 shutdown_all_servers

shutdown_all_servers stops all running servers in a domain, via contacting the admin server. This command will not perform correctly if the administration server for a domain is currently down.

1.1.29.1 Command

```
ConfigNOW shutdown_all_servers <env> <config>
```

1.1.29.2 Parameters

Property	Required	Description
env	Yes	Environment to use to locate domain
config	Yes	Configuration file to use to locate domain to stop all servers for

1.1.29.3 Properties used

Property	Required	Description
wls.servers	Yes	Comma-separated list of server IDs to shut down.
wls.server.<server>.name	Yes	Actual name of server to shut down
wls.server.AdminServer.name	Yes	Name of administration server. Used to ensure admin server is shut down last.

1.1.29.4 Example configuration

```
wls.servers=AdminServer,soa_server1  
wls.server.AdminServer.name=as  
wls.server.soa_server1.name=soa_server1
```

1.1.29.5 Example output

```
os_prompt> ./ConfigNOW.sh shutdown_all_servers local soallg
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO
=====
===
INFO This version of ConfigNOW 4.1 is a Release Candidate and as such
will
INFO expire on the 3rd of August 2012. At this time a subsequent
Release
INFO Candidate or the final release will be available on our website
at:
INFO http://www.integraltech.com.au
INFO
=====
===
INFO Loading configuration from file:
config/environments/local/soallg.properties
INFO setenv file verified.
INFO WLST support: True
INFO Running command from jython file:
custom/commands/shutdown_all_servers.py
INFO Establishing connection to Admin Server at URL
[t3://localhost:7002], attempt #1
Connecting to t3://localhost:7002 with userid weblogic ...
Successfully connected to Admin Server 'soa_as' that belongs to domain
'soa_domain'.

Warning: An insecure protocol was used to connect to the
server. To ensure on-the-wire security, the SSL port or
Admin port should be used instead.

Location changed to domainRuntime tree. This is a read-only tree with
DomainMBean as the root.
For more help, use help(domainRuntime)

INFO Sending shutdown command to server 'soa_server1'
Shutting down the server soa_server1 with force=true while connected
to soa_as ...
.....INFO ..not sending shutdown command
to server 'bam_server1' due to state of 'SHUTDOWN'
INFO ..not sending shutdown command to server 'wsm_server1' due to
state of 'SHUTDOWN'
INFO Sending shutdown command to admin server 'soa_as'
Shutting down the server soa_as with force=true while connected to
soa_as ...
.Disconnected from weblogic server: soa_as
Disconnected from weblogic server:
INFO Command completed.
```


BUILD SUCCESS

1.1.30 start_composite

start_composite starts a previously stopped composite, allowing it to resume processing.

1.1.30.1 Command

```
ConfigNOW start_composite <env> <config>
```

1.1.30.2 Parameters

Property	Required	Description
env	Yes	Environment to use to locate SOA Suite domain
config	Yes	Configuration file to use to locate SOA Suite domain

1.1.30.3 Properties used

Property	Required	Description
soa.host	Yes	Hostname used to locate SOA Suite server
wls.server.soa_server1.listener.port	Yes	Port SOA Suite server (named 'soa_server1' by default) is listening on
wls.admin.username	Yes	Administration user used to connect to domain
wls.admin.password	Yes	Password for administration user
composite.name	Yes	Name of composite to start
composite.revision	Yes	Revision of composite to start

1.1.30.4 Example configuration

```
soa.host=localhost
wls.server.soa_server1.listener.port=8001
wls.admin.username=weblogic
wls.admin.password={AES}AHphcSZJOITrczv/9889iw==dw25kxa86GAb9gRukVf2eg
==
composite.name=HelloWorld
composite.revision=1.0
```

1.1.30.5 Example output

```
os_prompt> ./ConfigNOW.sh start_composite local soallg -
Dcomposite.name=HelloWorld -Dcomposite.revision=1.0
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/soallg.properties
INFO   decrypting passwords in base file first:
config/templates/simple/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command start_composite as ant target in build file:
core/commands/ant/composite-mgmt.xml

start_composite:
    [echo] oracle.home = /opt/wls1035_native/soa/bin/..

startComposite:
    [input] skipping input as property host has already been set.
    [input] skipping input as property port has already been set.
    [input] skipping input as property user has already been set.
    [secure-input] skipping secure-input as property password has already
been set.
INFO   skipping secure-input as property password has already been set.
    [input] skipping input as property compositeName has already been
set.
    [input] skipping input as property revision has already been set.
    [echo] oracle.home = /opt/wls1035_native/soa/bin/..

compositeMgrTask:
    [java] Connecting to:
service:jmx:t3://localhost:8001/jndi/weblogic.management.mbeanservers.
runtime
    [java] connection initiated
    [java] Composite (default/HelloWorld!1.0) is successfully
started.
INFO   Command completed.

BUILD SUCCESS
```

1.1.31 start_wls_admin

start_wls_admin starts the administration server for a WebLogic Server domain, using the domain's startWebLogic.sh or startWebLogic.cmd start script. Output from the server starting is displayed to screen, but the terminal used to run the command can be safely closed without interrupting the administration server.

1.1.31.1 Command

```
ConfigNOW start_wls_admin <env> <config>
```

1.1.31.2 Parameters

Property	Required	Description
Env	Yes	Environment to use to start WebLogic admin server
Config	Yes	Configuration file to use to locate WebLogic admin server to start

1.1.31.3 Properties used

Property	Required	Description
wls.admin.listener.address	Yes	Host name administration server is configured to listen on
wls.admin.listener.port	Yes	Port administration server is configured to bind to for receiving network requests
wls.admin.name	Yes	Name of administration server
wls.domain.dir	Yes	Parent directory domain is installed under
wls.domain.name	Yes	Name of domain
wls.admin.startup.timeout	Yes	Number of minutes ConfigNOW will wait for administration server to boot successfully

1.1.31.4 Examples

```
os_prompt> ./ConfigNOW.sh start_wls_admin local wls1035
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/wls1035.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command start_wls_admin as ant target in build file:
core/commands/ant/weblogic-common.xml

validate.admin.config:
    [echo] WebLogic Domain Name: simple_domain
    [echo] WebLogic Domain Directory: /opt/wls1035/domains
    [echo] WebLogic Admin Server Name: as
    [echo] WebLogic Admin Listener Address: localhost
    [echo] WebLogic Admin Listener Port: 7001

start_wls_admin:

start-server:
    [echo] Starting server as
    [echo] Waiting for server to start... Will wait 20 minutes
    [exec] .
    [exec] .
    [exec] JAVA Memory arguments: -Xms256m -Xmx512m -
XX:MaxPermSize=128m
    [exec] .
    [exec] WLS Start Mode=Production
    [exec] .
    [exec]
CLASSPATH=/opt/wls1034/patch_wls1034/profiles/default/sys_manifest_cla
sspath/weblogic_patch.jar:/opt/jdk1.6.0_25/lib/tools.jar:/opt/wls1034/
wlserver_10.3/server/lib/weblogic_sp.jar:/opt/wls1034/wlserver_10.3/se
rver/lib/weblogic.jar:/opt/wls1034/modules/features/weblogic.server.mo
dules_10.3.4.0.jar:/opt/wls1034/wlserver_10.3/server/lib/webservices.j
ar:/opt/wls1034/modules/org.apache.ant_1.7.1/lib/ant-
all.jar:/opt/wls1034/modules/net.sf.antcontrib_1.1.0.0_1-0b2/lib/ant-
contrib.jar:/opt/wls1034/wlserver_10.3/common/derby/lib/derbyclient.ja
r:/opt/wls1034/wlserver_10.3/server/lib/xqrl.jar:/opt/wls1034/patch_wl
s1034/profiles/default/sys_manifest_classpath/weblogic_patch.jar:/opt/
jdk1.6.0_25/lib/tools.jar:/opt/wls1034/wlserver_10.3/server/lib/weblog
ic_sp.jar:/opt/wls1034/wlserver_10.3/server/lib/weblogic.jar:/opt/wls1
034/modules/features/weblogic.server.modules_10.3.4.0.jar:/opt/wls1034
/wlserver_10.3/server/lib/webservices.jar:/opt/wls1034/modules/org.apa
che.ant_1.7.1/lib/ant-
all.jar:/opt/wls1034/modules/net.sf.antcontrib_1.1.0.0_1-0b2/lib/ant-
contrib.jar:/opt/wls1034/wlserver_10.3/server/lib/weblogic.jar
```

```
[exec] .
[exec]
PATH=/opt/wls1034/wlserver_10.3/server/bin:/opt/wls1034/modules/org.ap
ache.ant_1.7.1/bin:/opt/jdk1.6.0_25/jre/bin:/opt/jdk1.6.0_25/bin:/opt/
wls1034/wlserver_10.3/server/bin:/opt/wls1034/modules/org.apache.ant_1
.7.1/bin:/opt/jdk1.6.0_25/jre/bin:/opt/jdk1.6.0_25/bin:/usr/local/sbin
:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/opt/jdk1.6.0
_25/bin
[exec] .
[exec] *****
[exec] *   To start WebLogic Server, use a username and   *
[exec] *   password assigned to an admin-level user.   For *
[exec] *   server administration, use the WebLogic Server *
[exec] *   console at http://hostname:port/console       *
[exec] *****
[exec] starting weblogic with Java version:
[exec] java version "1.6.0_25"
[exec] Java(TM) SE Runtime Environment (build 1.6.0_25-b06)
[exec] Java HotSpot(TM) Server VM (build 20.0-b11, mixed mode)
[exec] Starting WLS with line:
[exec] /opt/jdk1.6.0_25/bin/java -server -Xms256m -Xmx512m -
XX:MaxPermSize=128m -Dweblogic.Name=as -
Djava.security.policy=/opt/wls1034/wlserver_10.3/server/lib/weblogic.p
olicy -Dweblogic.ProductionModeEnabled=true -Xverify:none -da -
Dplatform.home=/opt/wls1034/wlserver_10.3 -
Dwls.home=/opt/wls1034/wlserver_10.3/server -
Dweblogic.home=/opt/wls1034/wlserver_10.3/server -
Dweblogic.management.discover=true -Dwlw.iterativeDev=false -
Dwlw.testConsole=false -Dwlw.logErrorsToConsole=false -
Dweblogic.ext.dirs=/opt/wls1034/patch_wls1034/profiles/default/sysex_t
manifest_classpath weblogic.Server
[exec] <20/07/2011 2:33:13 PM EST> <Info> <Security> <BEA-090905>
<Disabling CryptoJ JCE Provider self-integrity check for better
startup performance. To enable this check, specify -
Dweblogic.security.allowCryptoJDefaultJCEVerification=true>
[exec] <20/07/2011 2:33:13 PM EST> <Info> <Security> <BEA-090906>
<Changing the default Random Number Generator in RSA CryptoJ from
ECDRBG to FIPS186PRNG. To disable this change, specify -
Dweblogic.security.allowCryptoJDefaultPRNG=true>
[exec] <20/07/2011 2:33:13 PM EST> <Info> <WebLogicServer> <BEA-
000377> <Starting WebLogic Server with Java HotSpot(TM) Server VM
Version 20.0-b11 from Sun Microsystems Inc.>
[exec] <20/07/2011 2:33:14 PM EST> <Info> <Management> <BEA-
141107> <Version: WebLogic Server 10.3.4.0 Fri Dec 17 20:47:33 PST
2010 1384255 >
[exec] <20/07/2011 2:33:16 PM EST> <Notice> <WebLogicServer>
<BEA-000365> <Server state changed to STARTING>
[exec] <20/07/2011 2:33:16 PM EST> <Info> <WorkManager> <BEA-
002900> <Initializing self-tuning thread pool>
[exec] <20/07/2011 2:33:16 PM EST> <Notice> <Log Management>
<BEA-170019> <The server log file
/opt/wls1035/domains/simple_domain/servers/as/logs/as.log is opened.
All server side log events will be written to this file.>
[exec] <20/07/2011 2:33:20 PM EST> <Notice> <Security> <BEA-
090082> <Security initializing using security realm myrealm.>
[exec] <20/07/2011 2:33:20 PM EST> <Notice> <Security> <BEA-
090083> <Storing boot identity in the file:
```

```
/opt/wls1035/domains/simple_domain/servers/as/security/boot.properties
>
[exec] <20/07/2011 2:33:23 PM EST> <Notice> <WebLogicServer>
<BEA-000365> <Server state changed to STANDBY>
[exec] <20/07/2011 2:33:23 PM EST> <Notice> <WebLogicServer>
<BEA-000365> <Server state changed to STARTING>
[exec] 20/07/2011 2:33:29 PM
com.sun.faces.config.ConfigureListener contextInitialized
[exec] INFO: Initializing Sun's JavaServer Faces implementation
(1.2_03-b04-FCS) for context '/console'
[exec] 20/07/2011 2:33:29 PM
com.sun.faces.config.ConfigureListener contextInitialized
[exec] INFO: Completed initializing Sun's JavaServer Faces
implementation (1.2_03-b04-FCS) for context '/console'
[exec] <20/07/2011 2:33:30 PM EST> <Notice> <Log Management>
<BEA-170027> <The Server has established connection with the Domain
level Diagnostic Service successfully.>
[exec] <20/07/2011 2:33:31 PM EST> <Notice> <WebLogicServer>
<BEA-000365> <Server state changed to ADMIN>
[exec] <20/07/2011 2:33:31 PM EST> <Notice> <WebLogicServer>
<BEA-000365> <Server state changed to RESUMING>
[exec] <20/07/2011 2:33:31 PM EST> <Notice> <Server> <BEA-002613>
<Channel "Default" is now listening on 127.0.0.1:7001 for protocols
iiop, t3, ldap, snmp, http.>
[exec] <20/07/2011 2:33:31 PM EST> <Notice> <WebLogicServer>
<BEA-000329> <Started WebLogic Admin Server "as" for domain
"simple_domain" running in Production Mode>
[echo] Server started listening at port [7001] or [7001].
INFO Command completed.

BUILD SUCCESS
```

1.1.32 start_composite

start_composite stops a running composite, keeping it deployed but not actively processing requests

1.1.32.1 Command

```
ConfigNOW start_composite <env> <config>
```

1.1.32.2 Parameters

Property	Required	Description
env	Yes	Environment to use to locate SOA Suite domain
config	Yes	Configuration file to use to locate SOA Suite domain

1.1.32.3 Properties used

Property	Required	Description
soa.host	Yes	Hostname used to locate SOA Suite server
wls.server.soa_server1.listener.port	Yes	Port SOA Suite server (named 'soa_server1' by default) is listening on
wls.admin.username	Yes	Administration user used to connect to domain
wls.admin.password	Yes	Password for administration user
composite.name	Yes	Name of composite to stop
composite.revision	Yes	Revision of composite to stop

1.1.32.4 Example configuration

```
soa.host=localhost
wls.server.soa_server1.listener.port=8001
wls.admin.username=weblogic
wls.admin.password={AES}AHphcSZJOITrczv/9889iw==dw25kxa86GAb9gRukVf2eg
==
composite.name>HelloWorld
composite.revision=1.0
```

1.1.32.5 Example output

```
os_prompt> ./ConfigNOW.sh start_composite local soa11g -
Dcomposite.name=HelloWorld -Dcomposite.revision=1.0
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO
=====
===
INFO  This version of ConfigNOW 4.1 is a Release Candidate and as such
will
INFO  expire on the 3rd of August 2012.  At this time a subsequent
Release
INFO  Candidate or the final release will be available on our website
at:
INFO  http://www.integraltech.com.au
INFO
```

```
=====
===
INFO  Loading configuration from file:
config/environments/local/soallg.properties
INFO  setenv file verified.
INFO  WLST support: True
INFO  Running command start_composite as ant target in build file:
core/commands/ant/composite-mgmt.xml

start_composite:
    [echo] oracle.home = /opt/wls1035/soa/bin/..

startComposite:
    [input] skipping input as property host has already been set.
    [input] skipping input as property port has already been set.
    [input] skipping input as property user has already been set.
    [secure-input] skipping secure-input as property password has already
been set.
INFO  skipping secure-input as property password has already been set.
    [input] skipping input as property compositeName has already been
set.
    [input] skipping input as property revision has already been set.
    [echo] oracle.home = /opt/wls1035/soa/bin/..

compositeMgrTask:
    [java] Connecting to:
service:jmx:t3://localhost:8051/jndi/weblogic.management.mbeanservers.
runtime
    [java] connection initiated
    [java] Composite (default/HelloWorld!1.0) is successfully
started.
INFO  Command completed.

BUILD SUCCESS
```

1.1.33 stop_wls_admin

stop_wls_admin stops the administration server for a domain if it is running currently.

1.1.33.1 Command

```
ConfigNOW stop_wls_admin <env> <config>
```

1.1.33.2 Parameters

Property	Required	Description
env	Yes	Environment to show configuration properties for
config	Yes	Configuration file to use to show configuration properties

1.1.33.3 Properties used

Property	Required	Description
wls.admin.listener.address	Yes	Host name administration server is configured to listen on
wls.admin.listener.port	Yes	Port administration server is configured to bind to for receiving network requests
wls.admin.name	Yes	Name of administration server
wls.domain.dir	Yes	Parent directory domain is installed under
wls.domain.name	Yes	Name of domain

1.1.33.4 Example output

```
os_prompt> ./ConfigNOW.sh stop_wls_admin local wls1035
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands
```

```
INFO Loading configuration from file:
config/environments/local/wls1035.properties
INFO setenv file verified.
INFO WLST support: True
INFO Running command stop_wls_admin as ant target in build file:
core/commands/ant/weblogic-common.xml

validate.admin.config:
    [echo] WebLogic Domain Name: simple_domain
    [echo] WebLogic Domain Directory: /opt/wls1035/domains
    [echo] WebLogic Admin Server Name: as
    [echo] WebLogic Admin Listener Address: localhost
    [echo] WebLogic Admin Listener Port: 7001

stop_wls_admin:

stop-server:
    [echo] Stopping server as
    [echo] Waiting for admin server to stop.. Will wait 2 minutes
    [exec] Stopping Weblogic Server...

    [exec] Initializing WebLogic Scripting Tool (WLST) ...

    [exec] Welcome to WebLogic Server Administration Scripting Shell

    [exec] Type help() for help on available commands

    [exec] Connecting to t3://localhost:7001 with userid weblogic ...
    [exec] Successfully connected to Admin Server 'as' that belongs
to domain 'simple_domain'.

    [exec] Warning: An insecure protocol was used to connect to the
    [exec] server. To ensure on-the-wire security, the SSL port or
    [exec] Admin port should be used instead.

    [exec] Shutting down the server as with force=false while
connected to as ...
    [echo] WebLogic admin server has been stopped.
INFO Command completed.

BUILD SUCCESS
```

1.1.34 undeploy_composite

undeploy_composite undeploys an SCA composite from a SOA Suite domain.

1.1.34.1 Command

```
ConfigNOW undeploy_composite <env> <config>
```

1.1.34.2 Parameters

Property	Required	Description
env	Yes	Environment to use to locate SOA Suite domain
config	Yes	Configuration file to use to locate SOA Suite domain

1.1.34.3 Properties used

Property	Required	Description
soa.host	Yes	Hostname used to locate SOA Suite server
wls.server.soa_server1.listener.port	Yes	Port SOA Suite server (named 'soa_server1' by default) is listening on
wls.admin.username	Yes	Administration user used to connect to domain
wls.admin.password	Yes	Password for administration user
composite.name	Yes	Name of composite to undeploy
composite.revision	Yes	Specific revision of composite to undeploy

1.1.34.4 Example configuration

```
soa.host=localhost
wls.server.soa_server1.listener.port=8001
wls.admin.username=weblogic
wls.admin.password={AES}AHphcSZJOITrczv/9889iw==dw25kxa86GAb9gRukVf2eg
==
composite.name=HelloWorld
composite.revision=2.0
```

1.1.34.5 Example output

```
os_prompt> ./ConfigNOW.sh undeploy_composite local composites_example
-Dcomposite.name=HelloWorld -Dcomposite.revision=2.0
found setenv.sh

Initializing WebLogic Scripting Tool (WLST) ...

Welcome to WebLogic Server Administration Scripting Shell

Type help() for help on available commands

INFO   Loading configuration from file:
config/environments/local/composites_example.properties
INFO   decrypting passwords in base file first:
config/environments/local/soallg.properties
INFO   decrypting passwords in base file first:
config/templates/simple/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/simple/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   decrypting passwords in base file first:
config/templates/soallg_template.properties
INFO   setenv file verified.
INFO   WLST support: True
INFO   Running command undeploy_composite as ant target in build file:
core/commands/ant/composite-mgmt.xml

undeploy_composite:
    [echo] oracle.home = /opt/wls1035_native/soa/bin/..

undeploy:
    [input] skipping input as property serverURL has already been set.
    [input] skipping input as property compositeName has already been
set.
    [input] skipping input as property revision has already been set.
setting user/password..., user=weblogic
compositeDN =default/HelloWorld!2.0
INFO: Creating HTTP connection to host:localhost, port:8001
INFO: Received HTTP response from the server, response code=200
---->Undeploy composite success.
INFO   Command completed.

BUILD SUCCESS
```

