

Executing The Deployment Steps

This document describes the core installation steps in required to install and configure our desired Oracle IDAM components.

This is a eight step process

- preverify
- install
- preconfigure
- configure
- configure-secondary
- postconfigure
- startup
- validate

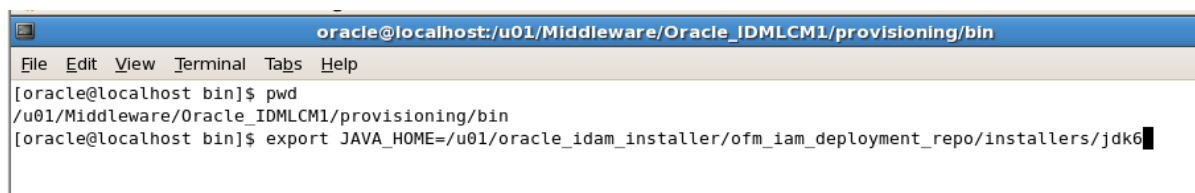
Note:

- All the steps in this procedure are **AUTOMATED** - we just need to execute the command
- Each step in the procedure will take time. So please be patient and keep tracking the console/logs

Execute the below commands and follow the outlined steps

```
cd /u01/Middleware/Oracle_IDMLCM1/provisioning/bin
```

```
export JAVA_HOME=/u01/oracle_idam_installer/ofm_iam_deployment_repo/installers/jdk6
```

A terminal window with a blue title bar containing the text 'oracle@localhost:/u01/Middleware/Oracle_IDMLCM1/provisioning/bin'. The terminal has a menu bar with 'File', 'Edit', 'View', 'Terminal', 'Tabs', and 'Help'. The command history shows: '[oracle@localhost bin]\$ pwd' followed by the output '/u01/Middleware/Oracle_IDMLCM1/provisioning/bin', and then '[oracle@localhost bin]\$ export JAVA_HOME=/u01/oracle_idam_installer/ofm_iam_deployment_repo/installers/jdk6' followed by a cursor.

```
oracle@localhost:/u01/Middleware/Oracle_IDMLCM1/provisioning/bin
File Edit View Terminal Tabs Help
[oracle@localhost bin]$ pwd
/u01/Middleware/Oracle_IDMLCM1/provisioning/bin
[oracle@localhost bin]$ export JAVA_HOME=/u01/oracle_idam_installer/ofm_iam_deployment_repo/installers/jdk6
```

```
./runIAMDeployment.sh -responseFile
```

```
/u01/Middleware/Oracle_IDMLCM1/provisioning/bin/provisioning.rsp -target preverify
```

```

2014-05-06 12:53:20.820 NOTIFICATION [echoNested] Invoking the target application-preverify on build file ohs-build.xml
l
2014-05-06 12:53:20.973 TRACE
application-preverify:
2014-05-06 12:53:20.975 NOTIFICATION [echoNested] Starting the preverify process for Oracle HTTP Server ....
2014-05-06 12:53:20.987 NOTIFICATION [echoNested] Completed the preverify process for Oracle HTTP Server ....
2014-05-06 12:53:20.996 WARNING There was 1 validation warning!
2014-05-06 12:53:21.012 NOTIFICATION [echoNested] Completed the preverify of Identity Management Suite
2014-05-06 12:53:21.038 NOTIFICATION [logTimeSpan] Total time: 11 second(s)
2014-05-06 12:53:21.058 TRACE
BUILD SUCCESSFUL
Total time: 31 seconds

Successfully finished preverify.
Proceed with install.

```

*./runIAMDeployment.sh -responseFile
/u01/Middleware/Oracle_IDMLCM1/provisioning/bin/provisioning.rsp -target install*

```

2014-05-06 13:37:27.886 TRACE
prepatch:
2014-05-06 13:37:27.893 NOTIFICATION [exec] Patch top /u01/oracle_idam_installer/ofm_iam_deployment_repo/installer
rs/webtier/prepatch does not exist. OPatch will not be invoked.
2014-05-06 13:37:27.897 NOTIFICATION [idmpatch] midmtop = /u01/Middleware
2014-05-06 13:37:30.295 NOTIFICATION [echoNested] Completed binary patching for web tier ....
2014-05-06 13:37:30.322 NOTIFICATION [delete] Deleting directory /tmp/idmprov
2014-05-06 13:37:30.450 NOTIFICATION [echoNested] Completed the install of Identity Management Suite
2014-05-06 13:37:30.478 NOTIFICATION [logTimeSpan] Total time: 42 minute(s) 50 second(s)
2014-05-06 13:37:30.524 TRACE
BUILD SUCCESSFUL
Total time: 42 minutes 58 seconds

Successfully finished install.
Proceed with preconfigure.

```

*./runIAMDeployment.sh -responseFile
/u01/Middleware/Oracle_IDMLCM1/provisioning/bin/provisioning.rsp -target preconfigure*

```

2014-05-06 14:31:23.754 NOTIFICATION      [exec] Configuration:Web Tier Configuration completed successfully
2014-05-06 14:31:23.764 NOTIFICATION      [exec] The configuration of Oracle WebTier and Utilities CD completed successfully.
2014-05-06 14:31:32.737 TRACE
stop-opmn-proc:
2014-05-06 14:31:32.756 NOTIFICATION      [exec] opmnctl stopproc: stopping opmn managed processes...
2014-05-06 14:31:36.006 NOTIFICATION [echoNested] Completed the preconfigure process for Oracle HTTP Server ....
2014-05-06 14:31:36.013 NOTIFICATION [echoNested] Completed the preconfigure of Identity Management Suite
2014-05-06 14:31:36.048 NOTIFICATION [logTimeSpan] Total time: 38 minute(s) 12 second(s)
2014-05-06 14:31:36.052 TRACE
BUILD SUCCESSFUL
Total time: 38 minutes 20 seconds

Successfully finished preconfigure.
Proceed with configure.

```

Note: If you are stopping your VM for snapshot or backup process prior to beginning next step, ensure that you start the Weblogic Admin server and Node Manager before proceeding - the process expects them to be up and running since the **preconfigure** process leaves them in RUNNING state

Node Manager Start

```
cd /u01/Middleware/products/identity/wlserver_10.3/server/bin
```

```
./startNodeManager.sh
```

Weblogic Admin server start

```
cd /u01/Middleware/sharedconfig/domains/IAMGovernanceDomain/bin
```

```
./startWeblogic.sh
```

```
./runIAMDeployment.sh -responseFile
```

```
/u01/Middleware/Oracle_IDM1CM1/provisioning/bin/provisioning.rsp -target configure
```

```

2014-05-06 16:13:33.566 TRACE
stop-managed-server:

2014-05-06 16:13:33.578 NOTIFICATION [copy] Copying 1 file to /u01/Middleware/Oracle_IDMLCM1/provisioning/identity-provisioning-build/config

2014-05-06 16:14:07.948 NOTIFICATION [echoNested] Completed the configure process for Oracle Identity Manager ....

2014-05-06 16:14:07.960 NOTIFICATION [echoNested] Completed the configure of Identity Management Suite

2014-05-06 16:14:08.022 NOTIFICATION [logTimeSpan] Total time: 24 minute(s) 46 second(s)

2014-05-06 16:14:08.029 TRACE
BUILD SUCCESSFUL
Total time: 24 minutes 57 seconds

Successfully finished configure.
Proceed with configure-secondary.

```

*./runIAMDeployment.sh -responseFile
/u01/Middleware/Oracle_IDMLCM1/provisioning/bin/provisioning.rsp -target configure-secondary*

```

2014-05-06 16:40:04.261 TRACE
invoke-file-target:

2014-05-06 16:40:04.262 NOTIFICATION [echoNested] Invoking the target application-configure-secondary on build file ohs-build.xml

2014-05-06 16:40:04.430 TRACE
application-configure-secondary:

2014-05-06 16:40:04.443 NOTIFICATION [echoNested] Completed the configure-secondary of Identity Management Suite

2014-05-06 16:40:04.480 NOTIFICATION [logTimeSpan] Total time: 7 minute(s) 40 second(s)

2014-05-06 16:40:04.487 TRACE
BUILD SUCCESSFUL
Total time: 7 minutes 50 seconds

Successfully finished configure-secondary.
Proceed with postconfigure.

```

*./runIAMDeployment.sh -responseFile
/u01/Middleware/Oracle_IDMLCM1/provisioning/bin/provisioning.rsp -target postconfigure*

```

2014-05-06 17:08:10.641 TRACE
replace-virtualhost-values:

2014-05-06 17:08:10.752 TRACE
init-server-endpoints:

2014-05-06 17:08:10.758 TRACE
sharedidm-tune-idmconf:

2014-05-06 17:08:10.764 NOTIFICATION [echoNested] Completed the postconfigure process for Oracle HTTP Server ....

2014-05-06 17:08:10.776 NOTIFICATION [echoNested] Completed the postconfigure of Identity Management Suite

2014-05-06 17:08:10.803 NOTIFICATION [logTimeSpan] Total time: 24 minute(s)

2014-05-06 17:08:10.809 TRACE
BUILD SUCCESSFUL
Total time: 24 minutes 7 seconds

Successfully finished postconfigure.
Proceed with startup.

```

*./runIAMDeployment.sh -responseFile
/u01/Middleware/Oracle_IDMLCM1/provisioning/bin/provisioning.rsp -target startup*

```

Start-opmn:

2014-05-06 17:33:24.527 NOTIFICATION      [exec] opmnctl startall: starting opmn and all managed processes...

2014-05-06 17:33:29.207 NOTIFICATION [echoNested] Completed the startup process for Oracle HTTP Server ....

2014-05-06 17:33:29.218 NOTIFICATION [echoNested] Completed the startup of Identity Management Suite

2014-05-06 17:33:29.245 NOTIFICATION [logTimeSpan] Total time: 18 minute(s) 36 second(s)

2014-05-06 17:33:29.250 TRACE
BUILD SUCCESSFUL
Total time: 18 minutes 40 seconds

Successfully finished startup.
Proceed with validate.

```

*./runIAMDeployment.sh -responseFile
/u01/Middleware/Oracle_IDMLCM1/provisioning/bin/provisioning.rsp -target validate*

```
2014-05-06 17:36:48.874 NOTIFICATION [echoNested] Invoking the target application-validate on build file ons-build.xml

2014-05-06 17:36:48.995 TRACE
application-validate:

2014-05-06 17:36:48.996 NOTIFICATION [echoNested] Starting the validate process for Oracle HTTP Server ....

2014-05-06 17:36:49.170 TRACE
common-validate-idm-opmn-proc-status:

2014-05-06 17:36:49.391 NOTIFICATION [echoNested] Completed the validate process for Oracle HTTP Server ....

2014-05-06 17:36:49.409 NOTIFICATION [echoNested] Completed the validation of Identity Management Suite

2014-05-06 17:36:49.441 NOTIFICATION [logTimeSpan] Total time: 33 second(s)

2014-05-06 17:36:49.448 TRACE
BUILD SUCCESSFUL
Total time: 38 seconds

Successfully finished validate.
```