

Installing IBM Business Monitor 8.5.6 on Linux

by Seth - Tuesday, November 17, 2015

<http://www.sethgagnon.com/installing-ibm-business-monitor-8-5-6-on-linux/>

This document outlines the installation procedures for the IBM Business Monitor 8.5.6 product for a development environment.

1. A Development Environment

The following outlines the installation steps for the DEV environment.

1.1 Installation of Binaries for DEV

This section describes the steps to install the binaries for Business Monitor.

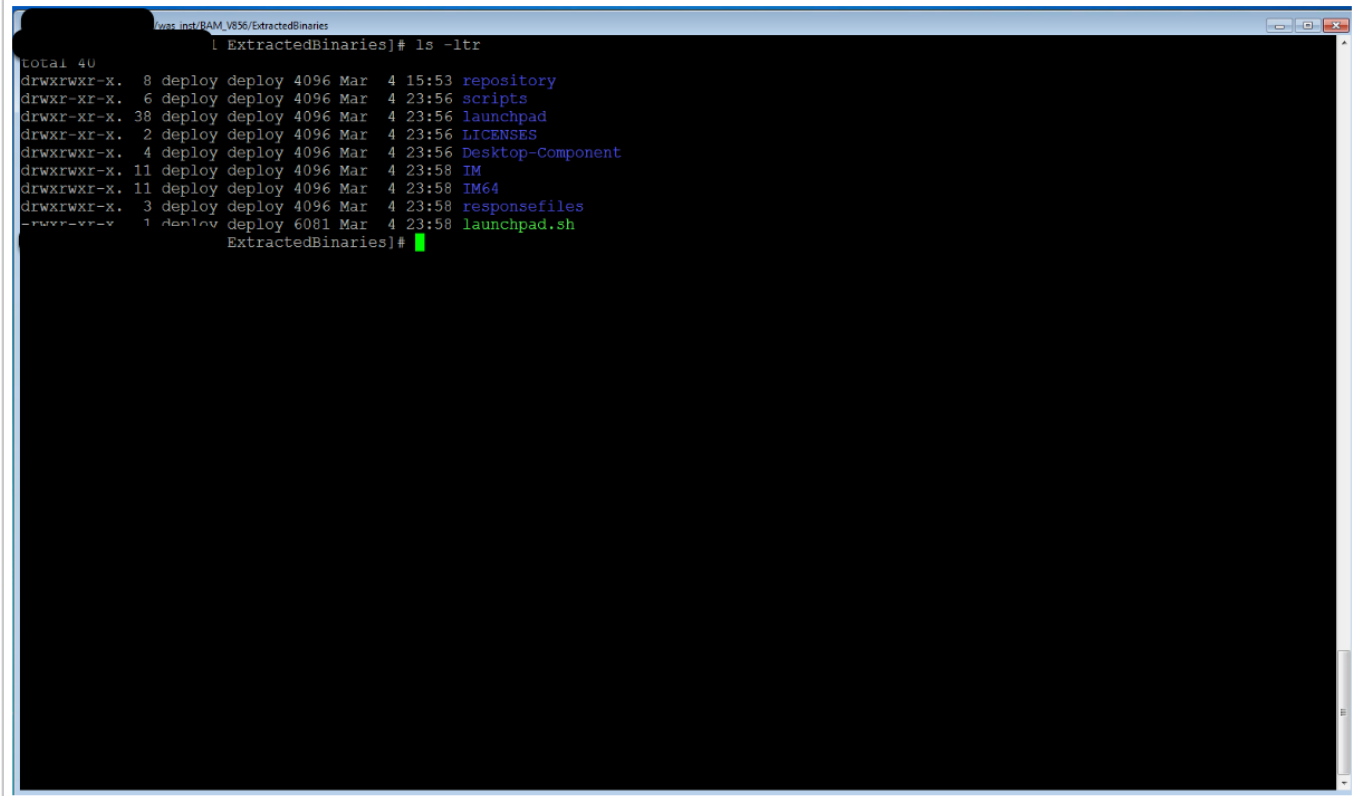
1.2 Environment Setup

Please ensure that you have prepped your operating system using the following instructions:

http://www-01.ibm.com/support/knowledgecenter/SSFPJS_8.5.6/com.ibm.wbpm.mon.imuc.doc/topics/prepare_bpm_os_lin.html?lang=en

1.3 Extract the binaries to a common location

The directory structure should look like that in the following image.



A terminal window titled "root@int:RAM_V836/ExtractedBinaries" showing the output of the command "ls -ltr" in the "ExtractedBinaries" directory. The output lists several files and directories with their permissions, owner, group, size, date, and name. The files are: repository, scripts, launchpad, LICENSES, Desktop-Component, IM, IM64, responsefiles, and launchpad.sh. The permissions for each file are: repository (drwxrwxr-x), scripts (drwxr-xr-x), launchpad (drwxr-xr-x), LICENSES (drwxr-xr-x), Desktop-Component (drwxrwxr-x), IM (drwxrwxr-x), IM64 (drwxrwxr-x), responsefiles (drwxrwxr-x), and launchpad.sh (-rwxr-xr-x).

```
root@int:RAM_V836/ExtractedBinaries
[ ExtractedBinaries]# ls -ltr
total 40
drwxrwxr-x.  8 deploy deploy 4096 Mar  4 15:53 repository
drwxr-xr-x.  6 deploy deploy 4096 Mar  4 23:56 scripts
drwxr-xr-x. 38 deploy deploy 4096 Mar  4 23:56 launchpad
drwxr-xr-x.  2 deploy deploy 4096 Mar  4 23:56 LICENSES
drwxrwxr-x.  4 deploy deploy 4096 Mar  4 23:56 Desktop-Component
drwxrwxr-x. 11 deploy deploy 4096 Mar  4 23:58 IM
drwxrwxr-x. 11 deploy deploy 4096 Mar  4 23:58 IM64
drwxrwxr-x.  3 deploy deploy 4096 Mar  4 23:58 responsefiles
-rwxr-xr-x.  1 deploy deploy 6081 Mar  4 23:58 launchpad.sh
[ ExtractedBinaries]#
```

1.4 Install the Business Monitor Binaries

There are a few different ways to install the product binaries: 1) Using the Launchpad, which requires your servers to have a working web browser and be able to export your display, or 2) Using response files to install the product binaries. We will be using option 2.

1.5 Prep your response file

Our response file has been created and contains all the information necessary to install the product binaries for IBM Business Monitor (non-production). We will have another response file for production. Here is the text of the response file:

```
<?xml version='1.0' encoding='UTF-8??'>

<agent-input>

<variables>

<variable name='sharedLocation' value='/opt/IBM/IMShared' />

</variables>

<server>

<repository location='/was_inst_BAM_V856/ExtractedBinaries/repository' />

</server>

<profile id='IBM WebSphere Application Server V8.5?
installLocation='/opt/IBM/WebSphere/AppServer'>

<data key='eclipseLocation' value='/opt/IBM/WebSphere/AppServer' />

<data key='user.import.profile' value='false' />

<data key='cic.selector.os' value='linux' />

<data key='cic.selector.arch' value='x86' />

<data key='cic.selector.ws' value='gtk' />

<data key='cic.selector.nl' value='en' />

</profile>
```

<install modify='false'>

<!-- 8.5.0.0-WAS-WASJavaSDK-LinuxX64-IFPI35615 -->

<offering profile='IBM WebSphere Application Server V8.5? id='8.5.0.0-WAS-WASJavaSDK-LinuxX64-IFPI35615'>

<!-- 8.5.5.5-WAS-WAS-IFPI35502 -->

<offering profile='IBM WebSphere Application Server V8.5? id='8.5.5.5-WAS-WAS-IFPI35502'>

<!-- 8.5.5.5-WAS-WASProd-IFPI35667 -->

<offering profile='IBM WebSphere Application Server V8.5? id='8.5.5.5-WAS-WASProd-IFPI35667'>

<!-- IBM WebSphere Application Server Network Deployment 8.5.5.5 -->

<offering profile='IBM WebSphere Application Server V8.5? id='com.ibm.websphere.ND.v85? version='8.5.5005.20150220_0158? features='core.feature,ejbdeploy,thinclient,embeddablecontainer,com.ibm.sdk.6_64bit' installFixes='none'>

<!-- IBM WebSphere SDK Java Technology Edition (Optional) 7.0.8.10 -->

<offering profile='IBM WebSphere Application Server V8.5? id='com.ibm.websphere.IBMJAVA.v70? version='7.0.8010.20150219_1802? features='com.ibm.sdk.7? installFixes='none'>

<!-- IBM® Business Monitor 8.5.6.0 -->

<offering profile='IBM WebSphere Application Server V8.5? id='com.ibm.websphere.MON.v85? version='8.5.6000.20150303_1517? features='Monitor.NonProduction' installFixes='none'>

<!-- IBM® Cognos Business Intelligence 64 bit 10.2.2.0 -->

<offering profile='IBM WebSphere Application Server V8.5? id='com.ibm.ws.cognos.v1022.linuxia64? version='10.2.2.20150304_1653? features='com.ibm.cognos.feature' installFixes='none'>

</install>

<preference name='com.ibm.cic.common.core.preferences.eclipseCache' value='\${sharedLocation}'>

<preference name='com.ibm.cic.common.core.preferences.connectTimeout' value='30'>

<preference name='com.ibm.cic.common.core.preferences.readTimeout' value='45'>

<preference name='com.ibm.cic.common.core.preferences.downloadAutoRetryCount' value='0'>

```
<preference name='offering.service.repositories.areUsed' value='true'/>

<preference name='com.ibm.cic.common.core.preferences.ssl.nonsecureMode' value='false'/>

<preference name='com.ibm.cic.common.core.preferences.http.disablePreemptiveAuthentication'
value='false'/>

<preference name='http.ntlm.auth.kind' value='NTLM'/>

<preference name='http.ntlm.auth.enableIntegrated.win32?' value='true'/>

<preference name='com.ibm.cic.common.core.preferences.preserveDownloadedArtifacts'
value='true'/>

<preference name='com.ibm.cic.common.core.preferences.keepFetchedFiles' value='false'/>

<preference name='PassportAdvantageIsEnabled' value='false'/>

<preference name='com.ibm.cic.common.core.preferences.searchForUpdates' value='false'/>

<preference name='com.ibm.cic.agent.ui.displayInternalVersion' value='false'/>

<preference name='com.ibm.cic.common.sharedUI.showErrorLog' value='true'/>

<preference name='com.ibm.cic.common.sharedUI.showWarningLog' value='true'/>

<preference name='com.ibm.cic.common.sharedUI.showNoteLog' value='true'/>

</agent-input>
```

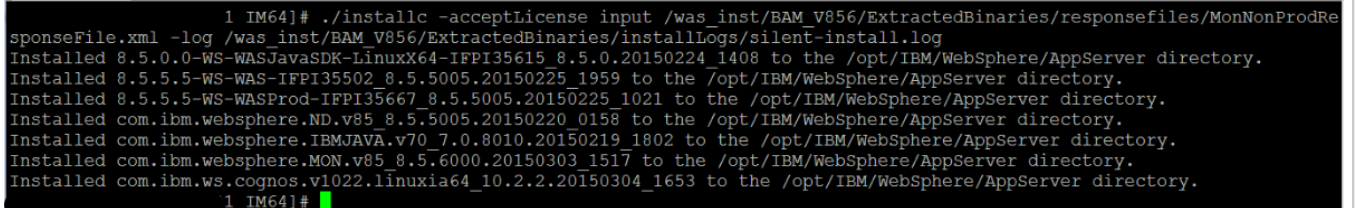
This will install the product to /opt/IBM/WebSphere/AppServer. Notice some of the areas highlighted in red to observe installation paths and features. This will not install DB2 Express, as we are using Oracle for our product database.

1.6 Run the command to install the binaries using your response file.

Make sure you are in the following directory: /was_inst/BPM_856/ExtractedBinaries/IM64/

Execute the following command:

```
/was_inst/BAM_V856/ExtractedBinaries/IM64/installc -acceptLicense input  
/was_inst/BAM_V856/ExtractedBinaries/MonNonProdResponseFile.xml -log  
/was_inst/BAM_V856/ExtractedBinaries/installLogs/silent_install.log
```



```
1 IM64]# ./installc -acceptLicense input /was_inst/BAM_V856/ExtractedBinaries/responsefiles/MonNonProdRe  
sponseFile.xml -log /was_inst/BAM_V856/ExtractedBinaries/installLogs/silent-install.log  
Installed 8.5.0.0-WS-WASJavaSDK-LinuxX64-IFPI35615_8.5.0.20150224_1408 to the /opt/IBM/WebSphere/AppServer directory.  
Installed 8.5.5.5-WS-WAS-IFPI35502_8.5.5005.20150225_1959 to the /opt/IBM/WebSphere/AppServer directory.  
Installed 8.5.5.5-WS-WASProd-IFPI35667_8.5.5005.20150225_1021 to the /opt/IBM/WebSphere/AppServer directory.  
Installed com.ibm.websphere.ND.v85_8.5.5005.20150220_0158 to the /opt/IBM/WebSphere/AppServer directory.  
Installed com.ibm.websphere.IBMJAVA.v70_7.0.8010.20150219_1802 to the /opt/IBM/WebSphere/AppServer directory.  
Installed com.ibm.websphere.MON.v85_8.5.6000.20150303_1517 to the /opt/IBM/WebSphere/AppServer directory.  
Installed com.ibm.ws.cognos.v1022.linuxia64_10.2.2.20150304_1653 to the /opt/IBM/WebSphere/AppServer directory.  
1 IM64]#
```

1.7 Verify binary installation

Go to /opt/IBM/WebSphere/AppServer/bin and execute the following command:

```
./versionInfo.sh
```

You should see the following in the image below.

Please note you will need to repeat these steps 1.1 – 1.6 for each Linux server that will be part of your clustered environment!

```
-----
Product Directory      /opt/IBM/WebSphere/AppServer
Version Directory      /opt/IBM/WebSphere/AppServer/properties/version
DTD Directory          /opt/IBM/WebSphere/AppServer/properties/version/dtd
Log Directory          /var/ibm/InstallationManager/logs
-----
```

Product List

```
-----
IBMJAVA7              installed
ND                    installed
WBM                   installed
-----
```

Installed Product

```
-----
Name                  IBM WebSphere SDK Java Technology Edition (Optional)
Version               7.0.8.10
ID                    IBMJAVA7
Build Level           cf051507.01
Build Date            2/19/15
Package               com.ibm.websphere.IBMJAVA.v70_7.0.8010.20150219_1802
Architecture          x86-64 (64 bit)
Installed Features    IBM WebSphere SDK for Java Technology Edition 7
-----
```

Installed Product

```
-----
Name                  IBM WebSphere Application Server Network Deployment
Version               8.5.5.5
ID                    ND
Build Level           cf051507.01
Build Date            2/20/15
Package               com.ibm.websphere.ND.v85_8.5.5005.20150220_0158
Architecture          x86-64 (64 bit)
Installed Features    IBM 64-bit WebSphere SDK for Java
                     WebSphere Application Server Full Profile
                     EJBDeploy tool for pre-EJB 3.0 modules
                     Embeddable EJB container
                     Stand-alone thin clients and resource adapters
-----
```

Installed Product

```
-----
Name                  IBM Business Monitor
Version               8.5.6.0
ID                    WBM
Build Level           20150303-130609
Build Date            3/3/15
Package               com.ibm.websphere.MON.v85_8.5.6000.20150303_1517
Architecture          x86-64 (64 bit)
Installed Features    Business Monitor Server Non-production
-----
```

End Installation Status Report

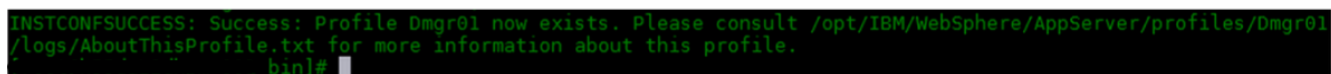
Connection 'Dev - Monitor 01' opened

1.8 Creation of Deployment Manager Profile in Dev

To create the Deployment Manager profile, you will need to execute the following command from `/opt/IBM/WebSphere/AppServer/bin`

```
./manageprofiles.sh -create -templatePath  
"/opt/IBM/WebSphere/AppServer/profileTemplates/wbmonitor/dmgr" -profileName Dmgr01  
-profilePath "/opt/IBM/WebSphere/AppServer/profiles/Dmgr01" -cellName MonCell1 -nodeName  
DMGRNode -enableAdminSecurity true -adminUserName wsadmin -adminPassword  
ADMINPASSWORD -wbmDBType Oracle11g -wbmDBDelayConfig true -wbmDBSchemaName  
MONITOR -wbmDBName ibmdtool -wbmDBUserId Monitor -wbmDBPassword DBPASSWORD  
-wbmDBJDBCClasspath "/opt/IBM/WebSphere/AppServer/jdbcdrivers/Oracle" -wbmDBHostName  
DBHOSTNAME -wbmDBServerPort 1521 -wbmDBDriverType 4 -wbmCognosDBName ibmdtool  
-wbmCognosDBUserName COGNOS -wbmCognosDBPassword DBPASSWORD
```

The output is seen here



```
INSTCONFSUCCESS: Success: Profile Dmgr01 now exists. Please consult /opt/IBM/WebSphere/AppServer/profiles/Dmgr01  
/logs/AboutThisProfile.txt for more information about this profile.  
binl#
```

1.9 Creation of Custom Node Profile in Dev

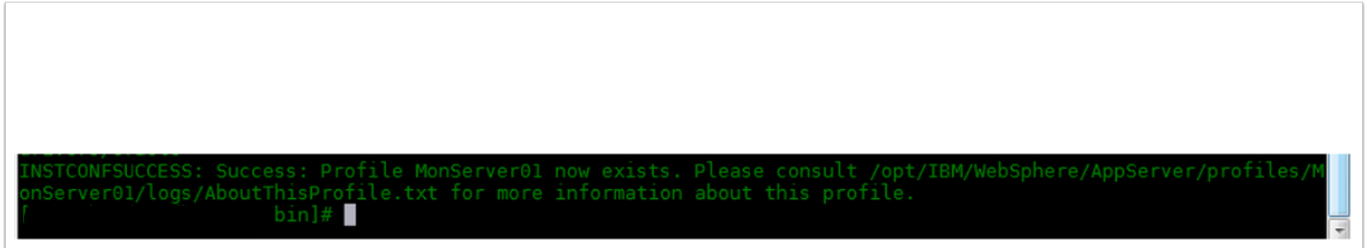
To create the Node profile, you will need to execute the following command from `/opt/IBM/WebSphere/AppServer/bin`

```
./manageprofiles.sh -create -templatePath  
"/opt/IBM/WebSphere/AppServer/profileTemplates/wbmonitor/managed" -profileName MonServer01
```



```
-profilePath "/opt/IBM/WebSphere/AppServer/profiles/MonServer01" -nodeName Node -federateLater  
false -dmgrAdminUserName wsadmin -dmgrAdminPassword ADMINPASSWORD -dmgrHost  
HOSTNAME -dmgrPort 8879 -wbmDBType Oracle11g -wbmDBJDBCClasspath  
"/opt/IBM/WebSphere/AppServer/jdbcdrivers/Oracle"
```

The output is seen in the second image.

A terminal window with a black background and green text. The text displays a success message from the IBM Business Monitor installation process, indicating that the profile 'MonServer01' has been created. It provides a path to a log file for more details. The prompt 'bin]#' is visible at the bottom.

```
INSTCONFSUCCESS: Success: Profile MonServer01 now exists. Please consult /opt/IBM/WebSphere/AppServer/profiles/M  
onServer01/logs/AboutThisProfile.txt for more information about this profile.  
bin]#
```

1.10 Creation of Deployment Environment in Dev

The following steps outline how to create the Monitor Deployment Environment in DEV.

BEFORE CONTINUING, PLEASE ENSURE STEP 2 HAS BEEN COMPLETED.

1.11 Prep properties file

Below is a copy of the properties file needed to create clusters on one Node and single member clusters:

```
# The IBM Business Monitor Golden Topology is a three cluster environment
```

```
# where each cluster has one member.
```

```
clusterName.1=MonAppCluster
```

```
clusterName.1.capabilities=application
```

```
clusterName.1.memberName.1=MonAppServer01
```

```
clusterName.1.memberName.1.memberNode.1=Node
```

```
clusterName.2=MonMECluster
```

```
clusterName.2.capabilities=messaging
```

```
clusterName.2.memberName.1=MonMEServer01
```

```
clusterName.2.memberName.1.memberNode.1=Node
```

```
clusterName.3=MonSupCluster
```

```
clusterName.3.capabilities=support
```

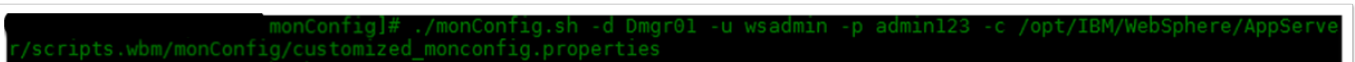
```
clusterName.3.memberName.1=MonSupServer01
```

```
clusterName.3.memberName.1.memberNode.1=Node
```

1.12 Run deployment environment creation

Run the following script from /opt/IBM/WebSphere/AppServer/scripts.wbm/monConfig

```
./monConfig.sh -d Dmgr01 -u wsadmin -p ADMINPASSWORD -c  
/opt/IBM/WebSphere/AppServer/scripts.wbm/monConfig/customized_monconfig.properties
```



```
monConfig!# ./monConfig.sh -d Dmgr01 -u wsadmin -p admin123 -c /opt/IBM/WebSphere/AppServe  
r/scripts.wbm/monConfig/customized_monconfig.properties
```

1.13 Output from deployment environment creation

WAS_HOME = /opt/IBM/WebSphere/AppServer

THIS_CLASSPATH = /opt/IBM/WebSphere/AppServer/lib/wbminstall_util.jar:/opt/IBM/WebSphere/AppServer/lib/wbminstall_log.jar:/opt/IBM/WebSphere/AppServer/scripts.wbm/monConfig/lib/JSON4J.jar:/opt/IBM/WebSphere/AppServer/plugins/com.ibm.wbimonitor.lifecycle.jar:/opt/IBM/WebSphere/AppServer/plugins/com.ibm.wbimonitor.lifecycle.spi.jar:/opt/IBM/WebSphere/AppServer/plugins/com.ibm.wbimonitor.repository.jar:/opt/IBM/WebSphere/AppServer/plugins/com.ibm.bpm.config.jar:/opt/IBM/WebSphere/AppServer/runtimes/com.ibm.ws.ejb.thinclient_8.5.0.jar

```
/opt/IBM/WebSphere/AppServer/bin/wsadmin.sh -profileName Dmgr01 -conntype SOAP -username
wsadmin -password ADMINPASSWORD -lang jython -wsadmin_classpath /opt/IBM/WebSphere/AppSe
rver/lib/wbminstall_util.jar:/opt/IBM/WebSphere/AppServer/lib/wbminstall_log.jar:/opt/IBM/WebSphere
/AppServer/scripts.wbm/monConfig/lib/JSON4J.jar:/opt/IBM/WebSphere/AppServer/plugins/com.ibm.w
bimonitor.lifecycle.jar:/opt/IBM/WebSphere/AppServer/plugins/com.ibm.wbimonitor.lifecycle.spi.jar:/op
t/IBM/WebSphere/AppServer/plugins/com.ibm.wbimonitor.repository.jar:/opt/IBM/WebSphere/AppServ
er/plugins/com.ibm.bpm.config.jar:/opt/IBM/WebSphere/AppServer/runtimes/com.ibm.ws.ejb.thinclient_
8.5.0.jar -f /opt/IBM/WebSphere/AppServer/scripts.wbm/monConfig/monConfig.jy
/opt/IBM/WebSphere/AppServer/scripts.wbm/monConfig/customized_monconfig.properties
```

```
*sys-package-mgr*: processing new jar,
'/opt/IBM/WebSphere/AppServer/scripts.wbm/monConfig/lib/JSON4J.jar'
```

```
*sys-package-mgr*: processing new jar,
'/opt/IBM/WebSphere/AppServer/plugins/com.ibm.wbimonitor.lifecycle.jar'
```

```
*sys-package-mgr*: processing new jar,
'/opt/IBM/WebSphere/AppServer/plugins/com.ibm.wbimonitor.lifecycle.spi.jar'
```

```
*sys-package-mgr*: processing new jar,
'/opt/IBM/WebSphere/AppServer/plugins/com.ibm.wbimonitor.repository.jar'
```

```
*sys-package-mgr*: processing new jar,
'/opt/IBM/WebSphere/AppServer/plugins/com.ibm.bpm.config.jar'
```

```
*sys-package-mgr*: processing new jar,
'/opt/IBM/WebSphere/AppServer/runtimes/com.ibm.ws.ejb.thinclient_8.5.0.jar'
```

WASX7209I: Connected to process "dmgr" on node DMGRNode using SOAP connector; The type of process is: DeploymentManager

WASX7303I: The following options are passed to the scripting environment and are available as arguments that are stored in the argv variable:

“[/opt/IBM/WebSphere/AppServer/scripts.wbm/monConfig/customized_monconfig.properties]”

- Validating configuration file
- Loading configuration file.
- Reading properties file
/opt/IBM/WebSphere/AppServer/scripts.wbm/monConfig/customized_monconfig.properties
- Resolving new cluster names.
- Validating no white spaces in properties.
- Validating cluster names are unique.
- Validating only 1 or 3 clusters have been defined.
- Associating capabilities with clusters.
- Validating only 1 or 3 capabilities have been defined.
- Resolving new cluster members.
- Validating cluster member names are unique.
- Resolving new node names.
- Collecting current configuration
- Retrieving current cell name.
- Current cell name MonCell1
- Retrieving existing cluster names.
- Collecting a list of existing Clusters.

AdminClusterManagement: List server clusters

Usage: AdminClusterManagement.listClusters()

Return: List of the clusters in the cell.

- Retrieving existing cluster member names.
- Collecting a list of existing Cluster Members.
- Retrieving existing managed node names.
- Collecting a list of existing Managed Nodes.

- Validating new configuration
- Validating configuration clusters are new.
- Validating configuration cluster members are new.
- Validating configuration nodes already exist.
- Validating configuration nodes are IBM Business Monitor nodes.

- Create new clusters and cluster members
- Creating cluster MonAppCluster.
- Creating cluster member MonAppServer01. Please wait...

- Creating cluster MonMECluster.

– Creating cluster member MonMEServer01. Please wait...

– Creating cluster MonSupCluster.

– Creating cluster member MonSupServer01. Please wait...

– Deploying, configuring and running tasks for the Deployment Environment

– Deploying runWbmDeployCEIEventService.

trying to set property oracle.jdbc.autoCommitSpecCompliant = false

Checking ["] for a match to { 'oracle.jdbc.autoCommitSpecCompliant': 'false' }

Creating: [['name', 'oracle.jdbc.autoCommitSpecCompliant'], ['value', 'false']]

trying to set property eclipse.bundle.setTCCL = false

Checking ['oracle.jdbc.autoCommitSpecCompliant(cells/MonCell1/nodes/Node/servers/MonAppServer01|server.xml#TypedProperty_1438889467095)'] for a match to { 'eclipse.bundle.setTCCL': 'false' }

Checking: oracle.jdbc.autoCommitSpecCompliant against eclipse.bundle.setTCCL

Creating: [['name', 'eclipse.bundle.setTCCL'], ['value', 'false']]

trying to set property oracle.jdbc.autoCommitSpecCompliant = false

Checking ["] for a match to { 'oracle.jdbc.autoCommitSpecCompliant': 'false' }

Creating: [['name', 'oracle.jdbc.autoCommitSpecCompliant'], ['value', 'false']]

trying to set property eclipse.bundle.setTCCL = false

Checking ['oracle.jdbc.autoCommitSpecCompliant(cells/MonCell1/nodes/Node/servers/MonMEServer01|server.xml#TypedProperty_1438889467993)'] for a match to { 'eclipse.bundle.setTCCL': 'false' }

Checking: oracle.jdbc.autoCommitSpecCompliant against eclipse.bundle.setTCCL

Creating: [['name', 'eclipse.bundle.setTCCL'], ['value', 'false']]

trying to set property oracle.jdbc.autoCommitSpecCompliant = false

Checking ["] for a match to { 'oracle.jdbc.autoCommitSpecCompliant': 'false' }

Creating: [['name', 'oracle.jdbc.autoCommitSpecCompliant'], ['value', 'false']]

trying to set property eclipse.bundle.setTCCL = false

Checking ['oracle.jdbc.autoCommitSpecCompliant(cells/MonCell1/nodes/Node/servers/MonSupServer01|server.xml#TypedProperty_1438889468886)'] for a match to { 'eclipse.bundle.setTCCL': 'false' }

Checking: oracle.jdbc.autoCommitSpecCompliant against eclipse.bundle.setTCCL

Creating: [['name', 'eclipse.bundle.setTCCL'], ['value', 'false']]

- Configuring runWbmConfigureEventEmitterFactory
- Deploying runWbmDeployMessagingEngine.
- Deploying runWbmDeployActionServices.
- Deploying runWbmDeployDefAsync.
- Deploying runWbmDeployScheduledServices.
- Deploying runWbmDeployEventEmitterServices.
- Deploying runWbmDeployBPMEmitterService.
- Running configureCognosService
- Deploying runWbmDeployDashboardsForMobileDevices.
- Installing installRESTGatewayService

ADMA0073W: Custom permissions are found in the [(“java.security.AllPermission” “<all permissions>” “<all actions>”)] policy file. Custom permissions can compromise the integrity of Java 2 Security.

WASX7327I: Contents of was.policy file:

```
grant codeBase “file:${application}” {  
  
permission java.security.AllPermission;  
  
};
```

ADMA5016I: Installation of REST Services Gateway started.

ADMA5058I: Application and module versions are validated with versions of deployment targets.

ADMA5005I: The application REST Services Gateway is configured in the WebSphere Application Server repository.

ADMA5005I: The application REST Services Gateway is configured in the WebSphere Application Server repository.

ADMA5081I: The bootstrap address for client module is configured in the WebSphere Application Server repository.

ADMA5053I: The library references for the installed optional package are created.

ADMA5005I: The application REST Services Gateway is configured in the WebSphere Application Server repository.

ADMA5001I: The application binaries are saved in /opt/IBM/WebSphere/AppServer/profiles/Dmgr01/ws temp/Script14f047c0898/workspace/cells/MonCell1/applications/REST Services Gateway.ear/REST Services Gateway.ear

ADMA5005I: The application REST Services Gateway is configured in the WebSphere Application Server repository.

SECJ0400I: Successfully updated the application REST Services Gateway with the appContextIDForSecurity information.

ADMA5005I: The application REST Services Gateway is configured in the WebSphere Application Server repository.

ADMA5005I: The application REST Services Gateway is configured in the WebSphere Application Server repository.

ADMA5113I: Activation plan created successfully.

ADMA5011I: The cleanup of the temp directory for application REST Services Gateway is complete.

ADMA5013I: Application REST Services Gateway installed successfully.

– Deploying runUpdateRESTGatewayService.

– Running installBusinessSpace

– Running configureBusinessSpace

- Perform the following to complete the configuration prior to
- starting the new cluster(s) and cluster member(s):
- Make sure that you are using a user ID with sufficient authority to
- create tables.
- 1. Copy the database scripts from the profile you most recently
- configured to a directory on the database system.
- The scripts are located in
- /opt/IBM/WebSphere/AppServer/profiles/Dmgr01/dbscripts/BusinessSpace
- 2. Open a command prompt on your database system and run
- configBusinessSpaceDB.sh/.bat based on that operating system.
- For DB2 for z/OS, run the following files in order:
- createTablespace_BusinessSpace.sql
- createTable_BusinessSpace.sql
- Restart the deployment manager and all nodes.
- Then start the new cluster(s).

– SUCCESS: The Monitor DE has been created successfully.

PROCEED TO STEP 5.

2. Execute Database scripts

At this point you will have scripts created in /opt/IBM/WebSphere/AppServer/profiles/Dmgr01/dbscripts (DEV) or in /opt/WebSphere/AppServer/profiles/Dmgr01/dbscripts (QA)

You will need to provide those to your DBA to get the MONITOR and COGNOS schemas created. You will have some additional scripts for BusinessSpace to give to the DBA after you create the deployment environment.

3. Execute BusinessSpace database scripts

At this point you will have scripts created in /opt/IBM/WebSphere/AppServer/profiles/Dmgr01/dbscripts (DEV) or in /opt/WebSphere/AppServer/profiles/Dmgr01/dbscripts (QA)

You will need to provide those to your DBA to get the BusinessSpace tables created. DO NOT START YOUR ENVIRONMENT UNTIL THESE SCRIPTS HAVE COMPLETED SUCCESSFULLY.

4. Start your environment

You will want to start your JVMs here one at a time, as there needs to be some first time initialization that has to occur, specifically with the Support server for Cognos. So, please start one server at a time in this order:

Messaging

Support

Application

Tail the logs and look for successful startup.