

APAR: IZ98244

Symptom: Documentation Update:

When user uses silent installer of ITIM 5.1 to install ITIM on a multimode WebSphere Cluster having both the Deployment Manager and a cluster member on the same machine, then after installation, the "enrole.appServer.url" property in ITIM_HOME/data/enRole.properties is not set with correct value on the Deployment Manager Node.

This property does not contain the iiop port (default 2809) for Deployment Manager Node and has a value similar to the following:

```
enrole.appServer.url=iiop://dmgrmachine:/cell/clusters/ITIM_Application_Cluster
```

But on other nodes of the cluster, the port is correctly set and the property looks similar to

```
enrole.appServer.url=iiop://nodemachine:2809/cell/clusters/ITIM_Application_Cluster
```

Workarounds:

For the current release, there are two workarounds available to correct the value of "enrole.appServer.url" property on the deployment manager node.

1. Editing ITIM_HOME/data/enRole.properties file on Deployment Manager Node.
 - a. Take a backup of ITIM_HOME/data/enRole.properties file on Deployment Manager Node.
 - b. Open ITIM_HOME/data/enRole.properties file in any text editor. Edit "enrole.appServer.url" property and set the correct bootstrap port value. User can find the correct bootstrap port value in one of the two ways:
 1. Through WAS UI :
 - Log in to the WebSphere administrative console.
 - Go to "System administration > Node agents" page and click on the nodeagent configured on the deployment manager machine.
 - On this page expand the 'Ports' icon.
 - Here all the ports get listed and you can find BOOTSTRAP_ADDRESS port value.
 2. Through serverindex.xml file :
 - Go to the below directory present under Cluster Member folder on the deployment manager machine:
/usr/IBM/WebSphere/profiles/<CurrentClusterMemberProfile>/config/cells/<cellName>/node/<CurrentClusterMemberNode>/
 - Confirm that node.xml file is present at this location.
 - Now open serverindex.xml file present at this location and search for serverEntries with string serverType="NODE_AGENT".

- Within this server entry, search for specialendpoints with string endPointName="BOOTSTRAP_ADDRESS".
- Under this special endpoint user can find the value of the "port".
- Please find below a snip from serverindex.xml:

<snip>

```
<serverEntries xmi:id="ServerEntry_1120677327523" serverDisplayName="nodeagent"
serverName="nodeagent" serverType="NODE_AGENT">
```

```
  <specialEndpoints xmi:id="NamedEndPoint_1120677327530"
  endPointName="BOOTSTRAP_ADDRESS">
```

```
    <endPoint xmi:id="EndPoint_1120677327523"
    host="itimaix8.tivlab.raleigh.ibm.com" port="2809"/>
```

```
  </specialEndpoints>
```

```
</serverEntries>
```

</snip>

- Save the changes and quit the editor.
 - Restart the ITIM application to get the changes reflected.
- Editing ITIM_HOME/bin/runConfig.lax file and executing runConfig with install option. Please note that this option will reinstall the ITIM application in WebSphere.
 - Take a backup of ITIM_HOME/bin/runConfig.lax file.
 - Copy the configResponse.properties to any directory on the target computer and update it with correct information.
 - Open runConfig.lax file in any text editor. Edit APP_SERVER_HOME property and set it to the profile path of the cluster member server on that machine. For example /usr/IBM/WebSphere/AppServer/profiles/AppSrv01.
 - Set the value for the following two properties.


```
IS_SILENT=true
```

```
RESPONSE_FILE=full path to the configResponse.properties file
```
 - Save the changes in the lax file and quit the editor.
 - Execute the runConfig with install option by invoking the following command:


```
ITIM_HOME/bin/runConfig install
```
 - After runConfig completes, verify that the "enrole.appServer.url" property value in enRole.properties file is correctly set to the AppServer URL with bootstrap port.