IBM Business Process Manager V8.5 Performance and Tuning

Course Corrections Document

July 9, 2015

WB868 (Classroom)
ZB868 (Self-paced)

ERC 1.0

About this document

This document contains information about issues that were encountered during deliveries of this course. These issues will be addressed in subsequent updates of the material.

You should review this document before the start of class, and use this list as the first point of reference if issues arise.

Student Exercises Guide items

Exercise 1, Section 4 – Start the deployment environment

Page 1-12, Step 1

WebSphere uses SSL to communicate among nodes within the cell. It maintains certificates for each node in the cell. All certificates have a default expiration. The personal server certificate has a default expiration of one year. The application server can replace the certificates automatically by using the expiration manager. On the course image, the certificates are expired and are automatically replaced.

To ensure that the processes can communicate by using the new certificate, complete the following steps:

In a terminal window, go to the `/opt/IBM/BPM/profiles/PServerDmgr/bin` directory.

Enter: `./startManager.sh`

After the dmgr is started, you must stop the server. Open a Firefox browser and go to the administrative console at: `http://bpmhost:9062/ibm/console`

In the login area, enter `psdeadmin` as the user ID and `was1edu` as the password. Click **Login.** The dmgr cannot be stopped by using the command line due to the certificate expiration issue. When using the command, you are using SOAP and it cannot create a SOAP connection due to certificate expiration.

TIP: Instead of using the console, you can also find the PID of the dmgr process and use the `kill -9` command.

In the console, go to **System administration > Deployment Manager** and click **Stop**. Click **OK**. Close the browser.

In a terminal window, enter: `./startManager.sh`

Wait for the dmgr to start. Go to the `/opt/IBM/BPM/profiles/PServerNode01/bin` directory.

Enter: `./syncNode.sh bpmhost 8881`

After the sync is complete, you can continue with Step 1.

If you start the deployment environment by using `the ./BPMConfig.sh –start` command in step 1b before completing the above steps, stop each JVM process. Stop the server AppClusterMember01, the node agent, and then the deployment manager. Next, start the deployment manager and complete the node sync by using the above commands. Then, start the deployment environment again with the command in step 1b.

Exercise 2, Section 1 – Start the deployment environment

Page 2-5, Step 1

To ensure that the processes can communicate by using the new certificate, complete the following steps:

In a terminal window, go to the `/opt/IBM/BPM/profiles/PCenterDmgr/bin` directory.

Enter: `./startManager.sh`

After the dmgr is started, you must stop the server. Open a Firefox browser and go to the administrative console at: `http://bpmhost:9060/ibm/console`

In the login area, enter `pcdeadmin` as the user ID and `was1edu` as the password. Click **Login.** The dmgr cannot be stopped by using the command line due to the certificate expiration issue. When you use the command, you are using SOAP, and it cannot create a SOAP connection due to certificate expiration.

TIP: Instead of using the console, you can also find the PID of the dmgr process and use the `kill -9` command.

In the console, go to **System administration > Deployment Manager** and click **Stop**. Click **OK**. Close the browser.

In a terminal window, enter: `./startManager.sh`

Wait for the dmgr to start. Go to the `/opt/IBM/BPM/profiles/PServerCustom/bin` directory.

Enter: `./syncNode.sh bpmhost 8879`

After the sync is complete, you can continue with Step 1.

If you start the deployment environment by using `the ./BPMConfig.sh -start` command in step 1b before completing the above steps, stop each JVM process. Stop the server AppClusterMember1, the node agent, and then the deployment manager. Next, start the deployment manager and complete the node sync by using the above commands. Then, start the deployment environment again with the command in step 1b.

Student Notebook items

None reported.

Course presentation items by unit

None reported.

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