Practice 3-4: Testing a Composite That Is Deployed with a Configuration Plan

Overview

In this practice, you redeploy the HelloWorld composite application by using the configuration plan file that was generated and validated in Practice 3-3. You also test the deployed application to confirm whether the configuration plan changes are applied.

Assumptions

This practice assumes that you have completed Practice 3-3 successfully.

Tasks

1. Return to your web browser with the Enterprise Manager page and redeploy the HelloWorld composite application by using the deployment plan file that was modified in the previous practice. To complete this task, perform the instructions in the following table:
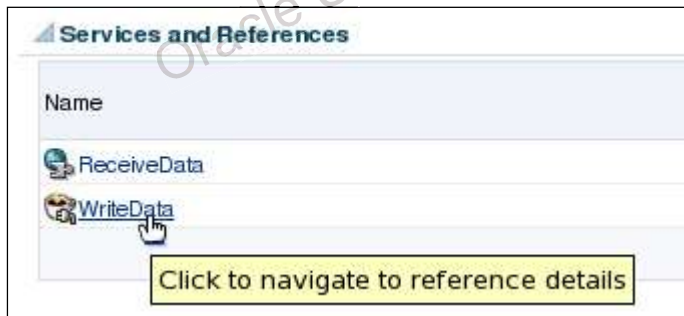
Step	Screen/Page Description	Choices or Values
a.	Target Navigation Pane	Expand SOA > soa-infra > default. Right-click "HelloWorld [1.0]". Select SOA Deployment > Redeploy.
b.	"HelloWorld [1.0]" Redeploy SOA Composite	In the Archive or Exploded Directory section, accept the default "Archive is on the machine where this Web browser is running" option. Click Browse.
c.	File Upload	Navigate to the `/u01/app/fmw12c/domains/mywork/Basics/HelloWorld/deploy` folder. Select the `sca_HelloWorld_rev1.0.jar` file. Click Open.
d.	"HelloWorld [1.0]" Redeploy SOA Composite	In the Configuration Plan section, select the "Configuration plan is on the machine where this Web browser is running" option. Click Browse.
e.	File Upload	Navigate to the `/u01/apps/fmw12c/domains/mywork/Basics/HelloWorld` folder. Select the `HelloWorld_cfgplan.xml` file. Click Open.
f.	"HelloWorld [1.0]" Redeploy SOA	Scroll back to the top (if needed) and click Next.

Step	Screen/Page Description	Choices or Values
	Composite	
g.	"HelloWorld [1.0]" Redeploy SOA Composite	Click Redeploy.

2. The Redeployment Succeeded dialog box is displayed when the deployment successfully completes.

3. Click Close.

4. Click the "HelloWorld [1.0]" link in the Target Navigation pane to view the home page (if needed).

5. In the Services and References pane, click WriteData.

6. Click the Properties tab.

7. Verify that the value is `/home/oracle/labs/output/podata`, as expected due to redeployment with the configuration plan.

Note: We have not modified the HelloWorld composite application source code and have not even re-created the SOA Archive file during the redeployment process.

8. Test that the HelloWorld composite application now writes order files in the `/home/oracle/labs/output/podata` folder, as defined by the configuration plan.

   a. In Enterprise Manager, on the HelloWorld home page, click Test.

   b. On the Input Arguments Request tab, select the XML View option.

   c. Use the Browse button to replace the supplied XML data with the contents of the `/home/oracle/labs/files/xml_in/po-small-player.xml` file.

   d. Click Test Web Service.

   e. Verify that the new HelloWorld composite application instance completed successfully on the Flow Trace page.

   f. Verify that the `order_2.xml` file has been created with the supplied data in the `/home/oracle/labs/output/podata` folder.

   Note: If more than two XML files exist in the `podata` subfolder, the file with the highest sequence number contains the latest order information.