Oracle Utilities Customer Self Service

Whitepaper: Installing a Managed Server for Custom Portals

Release 2.1.0

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Chapter 1

Overview

This whitepaper describes the steps required to create a new domain and Managed Servers to deploy OUCSS Portal applications and OUCSS Portlets Producer application in a WebLogic 11g environment.

Additional Resources

This document and related documentation is subject to revision and updating. For the most recent versions of documentation relating to this produce, as well as information on functionality and known issues for other Oracle products that may be required for installation and proper functionality of this product, check the Oracle Utilities Customer Self Service section of the <u>Oracle Utilities Documentation</u> area on the Oracle Technology Network (OTN) web site (http://www.oracle.com/technetwork/apps-tech/utilities/documentation/index.html).

Abbreviations

- CCB Oracle Utilities Customer Care and Billing
- MDM Oracle Utilities Meter Data Management
- DDL Data Definition Language
- MDS Metadata Services
- OUCSS Oracle Utilities Customer Self Service
- NMS Network Management System
- MW_HOME Middleware home.

Chapter 2

Preparation and Procedures

Software Requirements

Please refer to the Oracle® Utilities Customer Self Service Installation Guide for product-specific versions and the current patch level.

Pre-Installation Tasks and Requirements

The following tasks should be completed or requirements confirmed before applying the procedures in this document.

Install WebLogic 10.3.6 into MW_HOME.

WebCenter PS6 (11.1.1.7.0) components into MW_HOME. To know more about Installing WebCenter Components refer to documentation on OTN <u>http://docs.oracle.com/cd/E28280_01/install.1111/e12001/install.htm</u>.

Use the Oracle Fusion Middleware Repository Creation Utility 11g (11.1.1.7.0) for Linux/Windows to create the WebCenter portal schemas that will be used to create the domain for the OUCSS Portal and OUCSS Portlets Producer. (For information on how to create WebCenter Portal schemas, refer to RCU documentation on the Oracle Technology Network at http://docs.oracle.com/cd/E12839_01/doc.1111/e14259/overview.htm).

Configure the Domain OUCSS Portal

The following steps describe how to create a domain using the WebCenter Portal Framework template.

Assumptions

The Portal is built using the "WebCenter Portal Application" template.

A new domain is created to Install the Portal.

WebCenter Portal schemas (MDS, ACTIVITIES, and WEBCENTER) are created using RCU.

Creating the Domain

To configure and create a new domain for an OUCSS Portal:

1 Set the environment variable MW_HOME to Middleware home (where WebLogic and WebCenter Components are installed).

Example:

```
export MW_HOME=/OUCSS/Oracle/Middleware/PS6(Linux)
set MW HOME=C:\OUCSS\Oracle\Middleware/PS6 (Windows)
```

2 Navigate to MW_HOME:

Example:

cd \$MW_HOME/wlserver_10.3/common/bin (Linux)

cd %MW_HOME%\wlserver_10.3\common\bin (Windows)

3 Run the WebLogic configuration wizard:

```
./config.sh (Linux)
```

```
./config.cmd(Windows)
```

4 In the configuration wizard, choose "Create a new WebLogic domain". You can also extend an existing domain by choosing the "Extend an existing Weblogic domain" option. After making your selection, click **Next**.

| | Fusion Middleware Configuration Wizard | |
|---------------|--|-----------------------|
| Welcome | Þ. * | ORACLE |
| | | |
| | ● Create a new WebLogic domain | |
| | Create a WebLogic domain in your projects directory. | |
| | \odot Extend an existing WebLogic domain | |
| | Use this option to add new components to an existing domain and modify configuration set | tings. |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| E <u>x</u> it | Help | Previous <u>N</u> ext |

5 Choose "Generate a domain configured automatically to support following products:" option to create a base WebLogic domain and then choose the required components as shown. Click **Next** to continue.

| Fusion Midgleware Configuration Wizard | |
|--|---------------|
| Select Domain Source | ORACLE |
| Generate a domain configured automatically to support the following prod | lucts: |
| ✓ Basic WebLogic Server Domain - 10.3.6.0 [wiserver_10.3] * | |
| Oracle WebCenter Spaces - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter Services Portlets - 11.1.1.6.0 [Oracle_WC1] | |
| Oracle WebCenter Pagelet Producer - 11.1.1.0 [Oracle_WC1] | |
| ✓ Oracle Enterprise Manager - 11.1.1.0 [oracle_common] | |
| Oracle Portlet Producers - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter Discussion Server - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter ActivityGraph Engines - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter Personalization - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter Analytics Collector - 11.1.1.0 [Oracle_WC1] | |
| ✓ Oracle WSM Policy Manager - 11.1.1.0 [oracle_common] | |
| Oracle JRF WebServices Asynchronous services - 11.1.1.0 [oracle_common] | |
| Oracle JRF - 11.1.1.0 [oracle_common] | |
| Basic WebLogic SIP Server Domain - 10.3.6.0 [w/server_10.3] | T |
| \odot Base this domain on an existing template | |
| Template location: /OUCSS/Oracle/Middleware/PS6 | .owse |
| Exit Help | Previous Next |

6 Specify a domain name and location.

| F F | usion Middleware Configuration Wizard | |
|------------------------------|---|-------------------------------|
| Specify Domain Name and Loca | ation | ORACLE |
| Enter the n | ame and location for the domain and its applica | tions: |
| Domain name: | portal_domain | |
| Domain location: | /OUCSS/Oracle/Middleware/PS6/user_projects/domains | Browse |
| Application location: | /OUCSS/Oracle/Middleware/PS6/user_projects/applications | Browse |
| | | |
| E <u>x</u> it <u>H</u> elp | | <u>P</u> revious <u>N</u> ext |

Note: The Configuration Wizard will show the default Domain and Application locations in Windows/Linux when the Domain name is provided.

7 Configure the Administrator credentials.

| | Fusion Middleware Configuration Wizard | _× |
|----------------------------|---|---------------|
| Configure Administrato | or User Name and Password | ORACLE |
| Dis <u>c</u> ard Changes | | |
| *Name: | weblogic | |
| *User password: | ***** | |
| *Confirm user password: | ***** | |
| Description: | This user is the default administrator. | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
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| E <u>x</u> it <u>H</u> elp | | Previous Next |

8 Configure the Server Start Mode and JDK to be applied to the domain. For production environment, choose "Production Mode".

| 📵 Fusion Mi | Fusion Middleware Configuration Wizard | | | |
|---|--|----|--|--|
| Configure Server Start Mode and JDK | ORACLE | E. | | |
| Before putting your domain into production, make 'Securing a Production Environment' in the WebLog | sure that the production environment is secure. For more information, see the topic ic Server documentation. | : | | |
| WebLogic Domain Startup Mode | JDK Selection | | | |
| Development Mode Utilize boot.properties for username and password and poll for applications to deploy. Sun JDK recommended for better startup performance during iterative development. Production Mode Require the entry of a username and password and do not poll for applications to deploy. WebLogic JRockit JDK recommended for better runtime performance and management. | Available JDKs Sun SDK 1.6.0_45 @ /OUCSS/jdk/jdk1.6.0_45 | | | |
| E <u>x</u> it <u>H</u> elp | Previous Next | | | |

9 Configure the JDBC schema. This step is used to configure the MDS Schema that was created by running the Repository Creation Utility (RCU) as part of the Pre-Installation Tasks.

| Vendor: | | | | DBMS/S | ervice: | |
|------------------|--|--|------------------------------------|---------|----------------------------|-----------------|
| Driver: | | | | - Host | Name: | |
| Schema Owner: | | | | | Port: | |
| hema Password | | | | | | |
| AC configuration | for component sc 〇 Convert to Gric | hemas: ILink O Convert to |) RAC multi data source | : O Don | 't convert | |
| AC configuration | for component sc Convert to Gric ment Schema | hemas: ILink O Convert to DBMS/Service | RAC multi data source Host Name | O Don | 't convert Schema Owner | Schema Password |

| E Fusio | n Middleware Configuration Wizard | _× |
|--|--|---------------|
| Test JDBC Component Schema | | ORACLE |
| Status Component Schema | JDBC Connection URL | |
| | | |
| Select All Unselect All Test Connection | ons | |
| Connection Result Log | | |
| Password=****** | | |
| SQL Test=select 1 from schema_version_re | gistry where owner=(select user from dual) and mr_type='MDS' and version='11.1.1.7.0' | |
| CFGFWK-20850: Test Successful! | | |
| E <u>x</u> it <u>H</u> elp | | Previous Next |

Note: After completing this step, perform the optional Configuration and configure the administration server, depending upon your environment setup.

10 Confirm the configuration details, and then click **Create** to create the domain.

| • | | Fusion Middl | eware Conf | iguration Wizard |
|---------|--|--|---|---|
| Cor | nfiguration | Summary | | ORACLE |
| D Su | omain Summa ummary View.] portal_doma | ry Deployment 🔍 In (/OUCSS/Oracle/Middleware/PS) | Click on an ite attributes in ti clicking Previc Create. | m in the Domain Summary pane on the left to inspect its he Details pane below. You can make limited adjustments by sus to return to a prior panel. If everything is satisfactory, click |
| | - Server | nServer | Details | |
| | | | Attribute | Value |
| | | - Shutdown Class | Name | Basic WebLogic Server Domain |
| | | | Description | Create a basic WebLogic Server domain without installing sam |
| | | | Author | Oracle Corporation |
| | | | LUCATION | /ODCSS/Oracle/Miduleware/PS8/Wiserver_10.5/Common/te |
| | | Startup Class | Name | WebLogic Advanced Web Services for IAX-WS Extension |
| | | JRF Startup Class | Description | Extend an existing WebLogic Server domain to add functional |
| | | JPS Startup Class | Author | Oracle Corporation |
| | | — ODL-Startup | Location | /OUCSS/Oracle/Middleware/PS6/wserver_10.3/common/te |
| | | — 🔄 AWT Application Context Star | | |
| | | — 📋 JMX Framework Startup Class | Name | Oracle Enterprise Manager |
| | | — 📋 Web Services Startup Class | Description | Enterprise Manager |
| | | — 🗋 JOC-Startup | Author | Oracle Corporation |
| | | — 🗋 DMS-Startup | Location | /OUCSS/Oracle/Middleware/PS6/oracle_common/common/ |
| | <u>-</u> | _ JMS | | |
| | | 🖃 📄 JMS Server 📃 🔽 | Name | emasTemplate |
| | | | • | |
| | E <u>x</u> it <u>H</u> | lelp | | Previous Create |

| a | Fusion Middleware Configuration Wizard |
|----------------------------|--|
| Creating Domain | ORACLE |
| | Progress: 100% |
| | Extracting Domain Contents Creating Domain Security Information Saving the Domain Information Storing Domain Information Storing Substituting Domain Files Performing OS Specific Tasks Performing Post Domain Creation Tasks Domain Created Successfully! Domain Location: /OUCSS/Oracle/Middleware/PS6/user_projects/domains/portal_domain |
| ORACLE | Admin Server URL: http:// |
| E <u>x</u> it <u>H</u> elp | Previous |

Progress bar indicating that the domain is successfully created.

Extend the Domain Using the WebCenter Portal Template

OUCSS Portal application can be deployed only on managed server created using WebCenter Portal template. To extend the domain to create the managed server,

- 1 Run the WebLogic Configuration again to extend the domain and create a managed server for your custom portal.
- 2 Choose the "Extend an existing WebLogic domain" option on the Welcome screen, and then click Next.

| | Fusion Middleware Configuration Wizard | _ [× |
|---------|---|----------|
| Welcome | | ORACLE |
| | | |
| | | |
| | | |
| | O Create a new Webl agis domain | |
| | | |
| | Create a WebLogic domain in your projects directory. | |
| | • Extend an existing WebLogic domain | |
| | Use this option to add new components to an existing domain and modify configuration settin | ngs. |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Exit | Help | Previous |

3 Locate and select domain name (for e.g. **portal_domain**) from the domain directory tree, then click **Next**.

| 🔊 📐 | Fusion Middleware Configuration Wizard | _ X |
|----------------------------|--|-----------------------|
| Select a WebLogic D | omain Directory | ORACLE [.] |
| Select a WebLogic doma | in directory: | |
| 🕀 📄 Installs | | |
| 🛨 🛅 MDS | | |
| 🖃 🚞 Oracle | | |
| 🖃 🚞 Middle | eware | |
| 🗆 🗆 PS | 6 | |
| E 🗐 🛛 🛨 |] Oracle_WC1 | |
| | logs | |
| ± 🗖 |] modules | |
| ± _ | oracle_common | |
| | user_projects | |
| ± | Demoise | |
| | | |
| □ □ | | |
| H F | wiserver 10.3 | |
| E Dpload | | |
| 🕀 🛅 jdk | | |
| 🕀 🚞 OracleProd | | |
| 🕀 🛅 ade | | |
| 🕀 🚞 ade_autofs | | |
| 📕 📄 hackun dumi | ns | <u> </u> |
| E <u>x</u> it <u>H</u> elp | | Previous <u>N</u> ext |

4 Choose "Base this domain on an existing template" option on the Select Domain Source screen, then browse for and select

| \$MW | HOME/ | 'Oracle | WC1/ | 'common/ | 'templates/ | /applications/ | 'oracle.wc | custom | portal | template | 11.1. |
|------|-------|---------|------|----------|-------------|----------------|------------|--------|--------|----------|-------|
| 1.jā | ar. | - | - | | - | | = | | | | - |

| Fusion Middleware Configuration Wizard | _×_ |
|--|----------------|
| Select Extension Source | |
| | CRACEC |
| O Extend my domain automatically to support the following add products: | ed |
| ✓ Basic WebLogic Server Domain - 10.3.6.0 [wlserver_10.3] * | |
| Oracle WebCenter Spaces - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter Services Portlets - 11.1.1.6.0 [Oracle_WC1] | |
| Oracle WebCenter Pagelet Producer - 11.1.1.0 [Oracle_WC1] | |
| ✓ Oracle Enterprise Manager - 11.1.1.0 [oracle_common] | |
| Oracle Portlet Producers - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter Discussion Server - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter ActivityGraph Engines - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter Personalization - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter Analytics Collector - 11.1.1.0 [Oracle_WC1] | |
| Oracle WSM Policy Manager - 11.1.1.0 [oracle_common] | |
| Oracle JRF WebServices Asynchronous services - 11.1.1.0 [oracle_common] | 1 |
| ✓ Oracle JRF - 11.1.1.0 [oracle_common] | |
| — | |
| Extend my domain using an existing extension template | |
| Template location: pplications/oracle.wc_custom_portal_template_11.1.1.jar | <u>B</u> rowse |
| | |
| E <u>x</u> it <u>H</u> elp | Previous Next |

5 Configure the JDBC Component Schema with values relating to WebCenter, then click **Next**. This step is used to configure Webcenter schemas that were created using the Repository Creation Utility (RCU) as part of the Pre-Installation Tasks.

| ote: | Change only the input fields | elow that you wish to | modify and values will I | be applied to |) all selected rows. | |
|----------------|--|--|--|--|---|-----------------|
| | Vendor: | - | | DBMS; | Service: | |
| | Driver: | | | Ho: | t Name: | |
| Sch | hema Owner: | | | | Port: | |
| chema Password | | | | | | |
| hem (Co | in Password: | hemas: dLink O Convert 1 | to RAC multi data sourc | ce O D | on't convert | |
| nem | na Password: configuration for component su O Convert to Gri Component Schema | hemas: dLink O Convert 1 DBMS/Service | to RAC multi data sourc Host Name | ce () D Port | on't convert Schema Owner | Schema Password |
| hem .⊂ ci | Component Schema | hemas: dLink O Convert 1 DBMS/Service | to RAC multi data sourc Host Name dbhost.example.col | ce () D Port 152: | Schema Owner | Schema Password |
| hem .C ci | Component Schema Custom Portal Activities Schem Custom Portal WebCenter Sch | hemas: dLink O Convert : DBMS/Service orcl orcl | to RAC multi data source Host Name dbhost.example.col dbhost.example.col | ce () D Port 152: 152: | Schema Owner PROD_ACTIVITIES PROD_WEBCENTER | Schema Password |
| | Component Schema Custom Portal Activities Schema Custom Portal MDS Schema | hemas: Link O Convert : DBMS/Service 1 orcl e orcl orcl | Host Name Host Name dbhost.example.col dbhost.example.col dbhost.example.col | Ce O D Port 152: 152: 152: | Schema Owner Schema Owner PROD_ACTIVITIES PROD_WEBCENTER PROD_MDS | Schema Password |

6 Choose "Managed Servers, Clusters, and Machines" to configure the managed server, and then click Next.

| | Fusion Middleware Configuration Wizard | |
|------------------------------|--|---------------|
| Select Optional Configuratio | n | ORACLE |
| it. | | |
| | JMS Distributed Destination Select JMS Distributed Destination Type Managed Servers, Clusters and Machines Add or Delete Modify Settings Deployments and Services | |
| E <u>x</u> it <u>H</u> elp | | Previous Next |

7 Configure the Managed server to use the desired name and port.

| a | Fusion Middleware Co | onfiguration Wiz | ard | _ [× |
|----------------------------|-------------------------|------------------|-----------------|----------------|
| Configure Managed Servers | | | | ORACLE |
| 📮 Add 🗙 Delete 👅 Discard C | hanges | | | Switch Display |
| Name* | Listen address* | Listen port | SSL listen port | SSL enabled |
| → 1 WC_CustomPortal | All Local Addresses 🛛 🔻 | 9101 | | N/A |
| | | | | |
| E <u>x</u> it <u>H</u> elp | | | | Previous Next |

Note: After this step is completed, Configure Machines/clusters and assign servers, depending on your environment.

8 Confirm the configuration details and click **Extend** to extend the domain.

| nfiguration Summary | | Commence and a commence of the | | |
|---|---|--|--|--|
| ingalation oannal) | | ORACLE | | |
| Domain Summary | Click on an ite | m in the Domain Summary pane on the left to inspect its | | |
| ummary View. Deployment | attributes in the Details pane below. You can make limited adjustments by clicking Previous to return to a prior panel. If everything is satisfactory, click Extend | | | |
|] portal_domain (/OUCSS/Oracle/Middleware/PS) | Exteriu. | | | |
| - 🔁 Server | Details | | | |
| 🖻 🛅 AdminServer | Attribute | Value | | |
| 🖻 🛅 Service | Name | nortal domain | | |
| 🖨 🧰 Shutdown Class | Description | | | |
| | Author | Oracle Corporation | | |
| DMSShutdown | Location | /OUCSS/Oracle/Middleware/PS6/user_projects/domains/po | | |
| E-T Startup Class | | | | |
| IBE Startun Class | Name | Oracle WebCenter Custom Portal | | |
| BS Startup Class | Description | This selection configures Oracle WebCenter Custom Portal Se | | |
| | Author | Oracle Corporation | | |
| - ODE-startup | Location | /OUCSS/Oracle/Middleware/PS6/Oracle_WC1/common/tem | | |
| Awi Application Context Stal | | | | |
| JMX Framework Startup Class | Name | Oracle WebCenter Portal: Product Properties | | |
| Web Services Startup Class | Description | This selection configures the base properties for all Oracle W | | |
| JOC-Startup | Author | Oracle Corporation | | |
| DMS-Startup | Location | /OUCSS/Oracle/Middleware/PS6/Oracle_WC1/common/tem | | |
| 🖻 🧰 JMS | blama | Over allo Web Conton Freemannels | | |
| JMS Server | Name | The second | | |
| | • | • | | |
| | | | | |
| E <u>x</u> it <u>H</u> elp | | <u>Previous</u> <u>Exten</u> | | |

| ۹. | Fusion Middleware Configuration Wizard |
|----------------------------|---|
| Extending Domain | ORACLE' |
| ₽ | Progress: 100% Preparing |
| | Extracting Domain Extension Contents Saving the Domain Information Updating Domain Information String Substituting Domain Files Performing OS Specific Tasks Performing Post Domain Creation Tasks Domain Extension Applied Successfully! |
| ORACLE | Domain Location: /OUCSS/Oracle/Middleware/PS6/user_projects/domains/portal_domain Admin Server URL: http:// |
| E <u>x</u> it <u>H</u> elp | Previous Done |

9 Start AdminServer and confirm that the managed server is created by login to WebLogic Admin Console. Start the servers to verify that the managed server is running fine.

Configure the Domain OUCSS Portlets Producer

The following steps describe how to create a domain using the WebCenter Producer Framework template.

Assumptions

The Portal is built using the "WebCenter Portal - Portlet Producer Application" template.

A new domain is created to install the OUCSS Portlet Producer Application.

WebCenter schemas (MDS, ACTIVITIES, WEBCENTER and PORTLET) are created using RCU.

Creating the Domain

Note: If you do not want to create a new domain, and would like to extend and already existing domain, please skip to <u>Extend</u> the <u>Domain Using the WebCenter Producer Template</u> section of this document.

To configure and create a new domain:

- 1 Follow Steps 1 5 from <u>Creating the Domain</u> section described above.
- 2 Specify a domain name and location. For this example, the domain is named "portlet_domain".

| F F | usion Middleware Configuration Wizard | |
|------------------------------|---|-----------------|
| Specify Domain Name and Loca | ation | ORACLE |
| Enter the n | ame and location for the domain and its applicat | ions: |
| Domain name: | portlet_domain | |
| Domain location: | /OUCSS/Oracle/Middleware/PS6/user_projects/domains | Browse |
| Application location: | /OUCSS/Oracle/Middleware/PS6/user_projects/applications | B <u>r</u> owse |
| | | |
| E <u>x</u> it <u>H</u> elp | | Previous Next |

3 Follow Steps 7 – 10 from <u>Creating the Domain</u> section described above to complete creation of the domain.

| | Fusion Middl | eware Conf | iguration Wizard |
|-------------------------------|--|--|---|
| Configuration | Summary | | ORACLE |
| Domain Summa Summary View. | ry Deployment 🔍 ain (/OUCSS/Oracle/Middleware/PS | Click on an ite attributes in t clicking Previc Create. | m in the Domain Summary pane on the left to inspect its he Details pane below. You can make limited adjustments by ous to return to a prior panel. If everything is satisfactory, click |
| Admi | nServer | Attribute | Value |
| 📄 🔅 🔁 Se | ervice | Name | Basic WebLogic Server Domain |
| |] Shutdown Class | Description | Create a basic WebLogic Server domain without installing sam |
| | — 🗋 JOC-Shutdown | Author | Oracle Corporation |
| | - DMSShutdown | Location | /OUCSS/Oracle/Middleware/PS6/wiserver_10.3/common/te |
| | Startup Class | | |
| | IRE Startun Class | Name | WebLogic Advanced Web Services for JAX-WS Extension |
| | IPS Startup Class | Description | Extend an existing WebLogic Server domain to add functional |
| | | Author | Oracle Corporation |
| | - ODE-Startup | Location | /OUCSS/Oracle/Middleware/PS6/wiserver_10.3/common/te |
| | Awi Application Context Stal | | |
| | — JMX Framework Startup Class | Name | Oracle Enterprise Manager |
| | — 🔄 Web Services Startup Class | Description | Enterprise Manager |
| | — 🚺 JOC-Startup | Author | Oracle Corporation |
| | — 🗋 DMS-Startup | Location | /OUCSS/Oracle/Middleware/PS6/oracle_common/common/ |
| | _ JMS | | |
| | 🖃 🔄 JMS Server | Name | emasTemplate |
| | | • | |
| | | | |
| E <u>x</u> it <u>H</u> | lelp | | Previous Create |

| a | Fusion Middleware Configuration Wizard | |
|----------------------------|--|-----------------------|
| Creating Domain | | ORACLE |
| | Progress: | |
| ORACLE | Preparing Extracting Domain Contents Creating Domain Security Information Saving the Domain Information Storing Domain Information String Substituting Domain Files Performing OS Specific Tasks Performing Post Domain Creation Tasks Domain Created Successfully! Domain Created Successfully! Domain Location: /OUCSS/Oracle/Middleware/PS6/user_projects/do Admin Server URL: http:// | omains/portlet_domain |
| E <u>x</u> it <u>H</u> elp | | Previous |

Extend the Domain Using the WebCenter Producer Template

OUCSS Portlets Producer application can be deployed only on managed server created using WebCenter Producer template. To extend the domain,

- 1 Run the WebLogic Configuration again to extend the domain and create a managed server for your custom portal.
- 2 Choose the "Extend an existing WebLogic domain" option on the Welcome screen, and then click Next.

| Q | Fusion Middleware Configuration Wizard | _[× |
|----------|---|---------------|
| Welcome | | ORACLE |
| | ¥. | |
| | O Create a new WebLogic domain Create a WebLogic domain in your projects directory. | |
| | ● Extend an existing WebLogic domain | |
| | Use this option to add new components to an existing domain and modify configuration setti | ngs. |
| Exit | Help | Previous Next |

3 Locate and select domain name (for e.g. portlet_domain) from the domain directory tree, then click Next.

| Fusion Middleware Configuration Wizard | |
|--|---------------|
| Select a WebLogic Domain Directory | ORACLE |
| Select a WebLogic domain directory: | |
| | |
| | |
| | |
| | |
| 🗈 🛅 MDS | |
| 🖃 🛅 Oracle | |
| 🖃 🚞 Middleware | |
| 🗆 🗀 PS6 | |
| I ☐ Oracle_WC1 | |
| 🗉 🗈 🛅 logs | |
| 🗉 🖿 🧰 modules | |
| 🗄 📄 oracle_common | |
| 🖂 🗀 user_projects | |
| 🛨 📄 applications | |
| 🖂 🗖 domains | |
| | |
| 🗄 🛄 portiet_domain | |
| t tutis | |
| | |
| | - |
| | |
| E <u>x</u> it <u>H</u> elp | Previous Next |

4 Choose "Base this domain on an existing template" option on the Select Domain Source screen, then browse for and select

\$MW_HOME/Oracle_WC1/common/templates/applications/oracle.producer_apps_template_11.1.1.j
ar.

| Fusion Middleware Configuration Wizard | |
|--|---------------------|
| Select Extension Source | |
| | ORACLE [®] |
| <u>k</u> | |
| O Extend my domain automatically to support the following added products: | |
| ✓ Basic WebLogic Server Domain - 10.3.6.0 [wlserver_10.3] * | |
| Oracle WebCenter Spaces - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter Services Portlets - 11.1.1.6.0 [Oracle_WC1] | |
| Oracle WebCenter Pagelet Producer - 11.1.1.0 [Oracle_WC1] | |
| ✓ Oracle Enterprise Manager - 11.1.1.0 [oracle_common] | |
| ✓ Oracle Portlet Producers - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter Discussion Server - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter ActivityGraph Engines - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter Personalization - 11.1.1.0 [Oracle_WC1] | |
| Oracle WebCenter Analytics Collector - 11.1.1.0 [Oracle_WC1] | |
| ✓ Oracle WSM Policy Manager - 11.1.1.0 [oracle_common] | |
| Oracle JRF WebServices Asynchronous services - 11.1.1.0 [oracle_common] | |
| ✓ Oracle JRF - 11.1.1.0 [oracle_common] | T |
| - | |
| • Extend my domain using an existing extension template | |
| Template location: s/applications/oracle.producer_apps_template_11.1.1.jar | wse |
| | |
| E <u>x</u> it <u>H</u> elp | Previous Next |

5 Continue steps 5 through 9 from <u>Extend the Domain Using the WebCenter Portal Template</u> section detailed in this document to complete extension of the domain. If needed, configure the Managed Server (default WC_Portlet) as per installation requirements.

| figuration | i Summary | | ORACLE |
|-----------------|----------------------------------|-------------------------------------|--|
| omain Summa | ıry | Click on an ite attributes in th | m in the Domain Summary pane on the left to inspect its the Details name below. You can make limited adjustments by |
| immary View. | Deployment 🛛 🔻 | clicking Previo | ous to return to a prior panel. If everything is satisfactory, click |
| portlet_dom | ain (/OUCSS/Oracle/Middleware/PS | Extend. | |
| E Server | | Details | |
| 🖨 🛅 AdminServer | | Attribute | Value |
| 🖕 📥 s | ervice | Name | nortlet domain |
| <u> </u> | 📄 Shutdown Class | Description | per rec_wonnam |
| | - OC-Shutdown | Author | Oracle Corporation |
| | | Location | /OUCSS/Oracle/Middleware/PS6/user_projects/domains/po |
| | Startun Class | | ,, - · · · · · · · · · · · · · · |
| | | Name | Oracle WebCenter Custom Services Producer |
| | | Description | This template will configure Custom Service Producer |
| | JPS Startup Class | Author | Oracle Corporation |
| | - ODL-Startup | Location | /OUCSS/Oracle/Middleware/PS6/Oracle_WC1/common/tem |
| | — 🔄 AWT Application Context Star | | |
| | — 🔄 JMX Framework Startup Class | Name | Oracle WebCenter Portal: Product Properties |
| | — 🗋 Web Services Startup Class | Description | This selection configures the base properties for all Oracle W |
| | — 🗋 JOC-Startup | Author | Oracle Corporation |
| | DMS-Startup | Location | /OUCSS/Oracle/Middleware/PS6/Oracle_WC1/common/tem |
| | IMS | | |
| | - IMS Server | Name | Oracle WebCenter Services Producer Component |
| | | | |
| | | | |