ORACLE
FUSION MIDDLEWARE
WEBCENTER

Oracle WebCenter Portal – Installation & Configuration

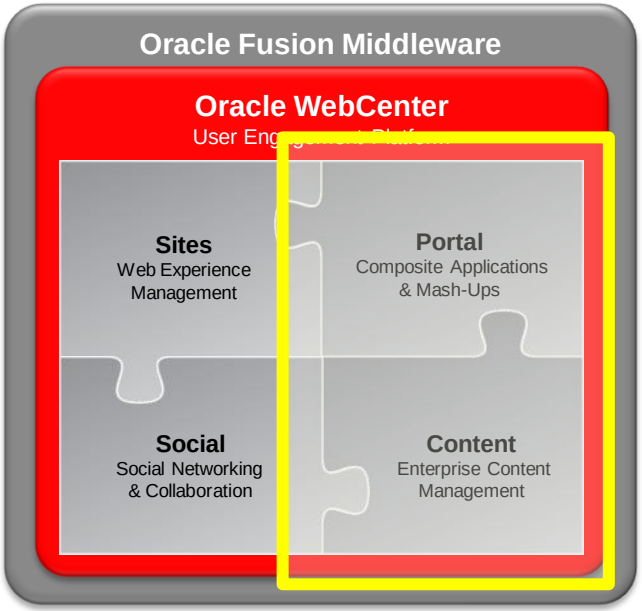
Rich Nessel - Principal Product Manager
Christina Kolotouros - Product Management Director

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

Oracle WebCenter Portal Environment

This module's focus



- WebCenter Portal 11.1.1.5.0
  - Framework (task flows, libraries, MDS, …)
  - Services (wikis, blogs, discussions, analytics, ...)
  - Spaces
- WebCenter Content 11.1.1.5.0
  - Content server
  - Inbound refinery

Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

Oracle WebCenter Portal Environment Basics

Installation to lay down the bits

1.	64-bit Java Development Kit	/jdk
2.	Middleware Home Install Guide	/Middleware/wlserver_10.3
		/oracle_common
3.	-- WebTier Home Install Guide Patch Guide	/Oracle_WT1
4.	-- WebCenter Content Home Install Guide	/Oracle_ECM1
5.	-- WebCenter Portal Home Install Guide	/Oracle_WC1

Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

Oracle WebCenter Portal Environment Basics

Run RCU to create product schemas in the Database

- Once For Content
  - <Prefix>__OCS — **Content server**
- Again For Portal
  - <Prefix>__MDS — **Metadata services**
  - <Prefix>__Discussions — **Discussion service**
  - <Prefix>__Portlet — **Portlet Producers**
  - <Prefix>__Activities — **Personalization & Analytics**
  - <Prefix>__WebCenter — **Spaces**
- Again for custom portal
  - <2ndPrefix>__WebCenter — **Custom portal**

Oracle® Fusion Middleware Repository Creation Utility User's Guide 11*g* Release 1 (11.1.1) Part Number E14259-10

Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

Oracle WebCenter Portal Environment Basics

Domain creation and configuration

1. Create Domain — **Administration Server, Oracle Web Services Management, WLS Console & EM**

   Guides: Planning | WLS Install | Administration

2. Configure Content
   - UCM_server1 — **Content server**
   - IBR_server1 — **Inbound refinery**

   Guides: Install | Administration

3. Configure Portal
   - WC_Portlet — **Portlet Providers**
   - WC_Collaboration — **Discussions**
   - WC_Utilities — **Personalization & Analytics**
   - WC_Spaces — **Spaces**

   Guides: Install | Administration | Tutorial

4. Configure Custom Portal — **Custom portal & composite apps**
   - WC_CustomPortal

   Guides: Install | Administration

Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

Oracle WebCenter Portal Environment Basics

Component	Install Tree	DB Schema	Domain Servers	Default Port	URL path
64-Bit Java Development Kit (JDK)	/jdk				
Fusion Middleware			Administration Server	7001	/console, /em
WebLogic Server	/Middleware/wlserver_10.3				
Common	/Middleware/oracle_common				
WebTier - HTTP Server	/Middleware/Oracle_WT1		*managed via OPMN*		
WebCenter Portal	/Middleware/Oracle_WC1				
Framework					
Metadata Services		<prefix>_MDS			
Services					
Producers		<prefix>_Portlet	WC_Portlet	8889	/pageletadmin, /portletapp, /portalTools, /wsrp-tools
Discussions		<prefix>_Discussions	WC_Collobration	8890	/owc_discussions
Personalization		<prefix>_Activities	WC_Utilities	8891	/wcps
Analytics		<prefix>_Activities		31314	
Spaces		<prefix>_WebCenter	WC_Spaces	8888	/webcenter
Custom Portal Application		<2ndPrefix>_WebCenter	WC_CustomPortal	8892	
WebCenter Content	/Middleware/Oracle_ECM1				
Server		<prefix>_OCS	UCM_server1	16200 socket port 4444	/cs
Inbound Refinery			IBR_server1	16250	/ibr

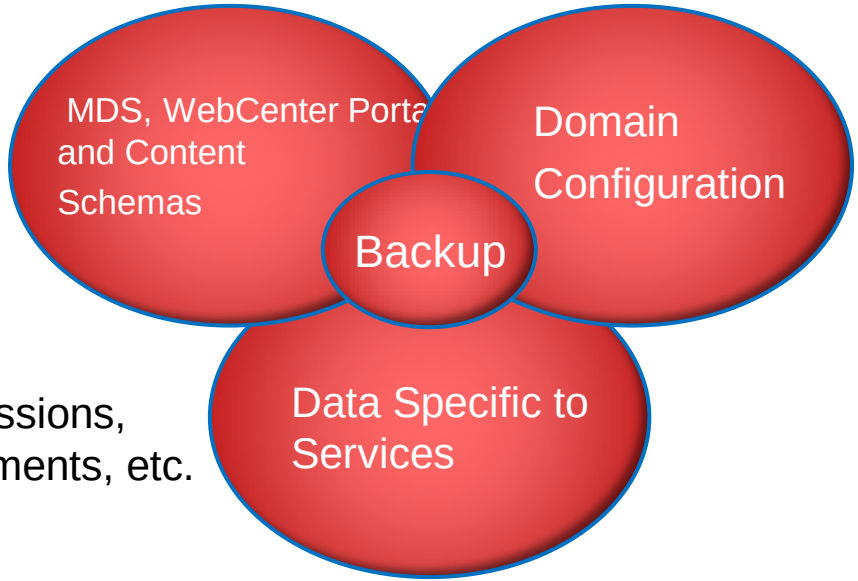
Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

Oracle WebCenter Portal Environment Basics

Backup Planning

Backups must include domain configuration, database schemas, and service data

- Backup the database



- Backup the domain directory. Key domain configuration is stored in: config.xml, jps-config.xml.
- Discussions, Documents, etc.

Chapter 37 of Oracle® Fusion Middleware Administrator's Guide for Oracle WebCenter 11*g* Release 1 (11.1.1.5.0)

Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

ORACLE®