1. Introduction

1.1 Background

This document provides an overview of setting up the UCM server for capturing of all documents received from/given to customer in a central content management repository. Oracle documentation are to be referred for HA and other configuration patterns.

1.2 Organization of the Document

The first chapter of this document gives an introduction with brief background and organization of the document.

Subsequent chapters of this document will give the implementation details.

1.3 Acronyms and Abbreviations

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<th>Acronym</th>
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<td>Universal Content Management</td>
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2. Prerequisites

Oracle Weblogic 11gR1 (10.3.6)

Download Oracle Weblogic from Oracle Website.
1. Download based on your needs (Windows/Linux/Generic).
2. The installation process might slightly vary depending on the platform / mode if installation (package/net).

2.1 Create Repository in order to Configure the Application

Oracle Repository Creation Utility (RCU) is used to create schemas that are required for UCM server Installation.
1. Install Database.
2. Navigate to the directory into which RCU is installed. For Example
   `<rcu_home>\BIN`
   Where `rcu_home` is the directory in which RCU is installed.
3. Click on `rcu.bat` file to create the repository.
The Repository Creation Welcome Screen appears.
4. Select Create, and then click ‘Next’.

5. Provide oracle database connection properties
6. SYS credentials are required.

Repository Creation Utility - Checking Prerequisites

Checking Global Prerequisites

- Initializing repository configuration metadata: 00.02.266 (sec)
- Obtain properties of the specified database: 00.00.110 (ms)
- Check requirement for specified database: 00.00.437 (ms)
- Execute pre create operations: 00.00.984 (ms)

Operation completed. Click OK to continue to next page.

Repository Creation Utility - Step 3 of 7: Select Components

Select Components

A Prefix groups the components associated with one deployment.

- Select an existing Prefix:
- Create a new Prefix:

Prefix can contain only alpha-numeric characters. Prefix should not start with a number and should not contain any special characters.

Component

- Oracle AS Repository Components
- Oracle AS Common Schemas
- Metadata Services
- Audit Services
- Enterprise Scheduler Service
- Identity Management
- WebLogic Communication Services
- SOA and BPM Infrastructure
- SOA Infrastructure
- Business Activity Monitoring
- User Messaging Service
- Webcenter Suite
- Portal and BI

Schema Owner

DEV_MDS
IU
DRAESS
DEV_MDS
DEV_OEM
DEV_OAREPIM

7. The prefix option is provided so that multiple soa schemas can be in the same instance.
8. Select Enterprise Content Management
   - DEV_OCS
   - DEV_OCSSEARCH
   - DEV_IPM

   ![Repository Creation Utility - Checking Prerequisites]

   Operation completed. Click OK to continue to next page.

9. Please make a note of the password / passwords being used.

   ![Repository Creation Utility]

   Any tablespaces that do not already exist in the selected schemas will be created.

   Click OK to create tablespaces. Click Cancel to return to the wizard.

   ![Repository Creation Utility - Creating Tablespaces]

   Operation completed. Click OK to continue to next page.
10. Tablespaces creation.

11. Summary

12. Completion Summary.
3. UCM Server Setup

1. Download Oracle Webcenter Content 11gR1 (Version: 11.1.1.9.0), formerly known as (Oracle Enterprise Content Management) from

   https://sac.us.oracle.com/download/index.html

2. At the right top corner there is a search box, where searching for string <11.1.1.9.0>

3. Search for <Enterprise Content> in the result page and find a zip which is downloadable and download it

4. Extract all the files and Install them on the server machine.
5. Click on Setup.exe available in Disk1. It will ask you for a JRE location. Specify the location as E:\UCM\JAVA\Jdk1.7.0.80\jre.
6. Click ‘Next’ to navigate to skip software updates

7. Click ‘Next’ to navigate to specify Installation Location.
8. Specify your Oracle Middleware home directory path and click next. Oracle Middleware version should be 10.3.6.
9. Click on Install button to accept this configuration and start the Installation.

10. To verify the installation, Click start, navigate to All programs and then to ECM 11g home.
4. Configuring the ECM application server:

4.1 Introduction

New domain can be configured or an existing domain can be extended with Oracle ECM suite components.

4.2 New Domain Configuration

1. Run Configure Application server
Creating a new WebLogic domain

2. Create a new domain / extend an existing domain to include ECM suite components.
3. On selecting Oracle IPM and UCM (Content Server) it automatically selects Oracle Enterprise Manager and Oracle JRF.
4. Configure Administrator user / password.

5. Select jdk depending on the Startup mode.

6. Provide the db parameters used during schema creation (RCU Utility)
7. Specify your hostname and schema password of both UCM and IPM schema. Also specify the correct DBMS/Service name.

8. Test the database connectivity
9. Select the Administration Server

10. Configure the admin server.
Creating Domain

Progress: 100%

- Preparing...
- Extracting Domain Contents...
- Creating Domain Security Information...
- Saving the Domain Information...
- Saving Domain Information...
- String Substituting Domain Files...
- Performing OS Specific Tasks...
- Performing Post Domain Creation Tasks...
- Domain Created Successfully!

Domain Location: C:\Oracle\Middleware\user_projects\domain\base_domain
Admin Server URL: http://localhost:7001

Start Admin Server

Previous  Done
5. Checking the Deployment Summary

1. Open the Administrative Console of WEBLOGIC SERVER:

2. Open an internet browser and type the WEBLOGIC Admin Console URL Address of the server.

   e.g.: [http://localhost:7001/console](http://localhost:7001/console).

3. The following screen is displayed:

4. Login to Administrative Console.

5. Enter WEBLOGIC administrator username/password and click Login.
6. Click on deployments
7. Also Start managed servers UCM_server1 and then IPM_server1 through command prompt.

For ex: C:\Oracle\Middleware\user_projects\domains\domain2\bin\startManagedWebLogic.cmd <UCM server name>
C:\Oracle\Middleware\user_projects\domains\domain2\bin\startManagedWebLogic.cmd <IPM server name>

8. Imaging application should be up and running.
6. Creating Oracle FLEXCUBE Application

1. Open the Imaging application:

   http://<ip address>:16000/imaging.

2. The following screen is displayed:

   ![Image of Imaging and Process Management](image)

   - Login to imaging application.
   - Enter username/password and press Login.
   - Click on Manage Connections
   - Click on Create Content Server Connection
7. Click on Manage Applications

8. Click Add Application

9. Click Next and add a Field Name as Name
10. Click Next

11. Add security member giving all rights

12. Click Next.
13. Application Summary appears as:

![Application Summary](image)

14. Click Manage search and add a search for documentID as:

![Manage Search](image)
15. Click Next and add all the details as shown

The following screen appears after creation:
16. Click Searches tab as shown and you will get the following screen. Type weblogic and click “Search” button.

The following screen appears which contains all the documents that are uploaded.
UCM Server Setup
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