UCM Server Setup
Oracle FLEXCUBE Universal Banking
Release 12.4.0.0.0
[May] [2017]
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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

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UCM</td>
<td>Universal Content Management</td>
</tr>
<tr>
<td>IPM</td>
<td>Imaging and Process Management</td>
</tr>
<tr>
<td>RCU</td>
<td>Repository Creation Utility</td>
</tr>
</tbody>
</table>
2. Prerequisites

Oracle Weblogic 11gR1 (10.3.5)

Download Oracle Weblogic from Oracle Website. This is available for reference at


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).
3. Run the wls1035_oeppe111172_win32.exe

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. Download Repository Creation Utility


3. 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.
4. Click on rcu.bat file to create the repository.

The Repository Creation Welcome Screen appears.
5. Select create, and then click ‘Next’.
6. Provide oracle database connection properties

7. SYS credentials are required.
8. The prefix option is provided so that multiple SOA schemas can be in the same instance.

9. Select Enterprise Content Management
   - DEV_OCS
   - DEV_OCSSEARCH
   - DEV_IPM
10. Please make a note of the password / passwords being used.

11. Tablespaces creation.
12. Summary.

<table>
<thead>
<tr>
<th>Component</th>
<th>Schema Owner</th>
<th>Tablespace Type</th>
<th>Tablespace Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metadata Services</td>
<td>DEV_MDS</td>
<td>Default</td>
<td>DEV_MDS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tmp</td>
<td>DEV_MDS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Additional</td>
<td>None</td>
</tr>
<tr>
<td>SOA Infrastructure</td>
<td>DEV_SOAINFRA</td>
<td>Default</td>
<td>DEV_SOAINFRA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tmp</td>
<td>DEV_SOAINFRA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Additional</td>
<td>None</td>
</tr>
<tr>
<td>Business Activity Monitoring</td>
<td>DEV_OAM</td>
<td>Default</td>
<td>DEV_OAM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tmp</td>
<td>DEV_OAM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Additional</td>
<td>None</td>
</tr>
<tr>
<td>User Messaging Service</td>
<td>DEV_OMS</td>
<td>Default</td>
<td>DEV_OMS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tmp</td>
<td>DEV_OMS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Additional</td>
<td>None</td>
</tr>
</tbody>
</table>
13. Completion Summary.
3. UCM Server Setup

1. Download Oracle Webcenter Content 11gR1 (Version: 11.1.1.5.0), 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 <11.1.1.5>

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

4. Download Enterprise Content Management

   Oracle Enterprise Content Management 11g (11.1.1.5.0) (zip file 1 of 2)

   Oracle Enterprise Content Management 11g (11.1.1.5.0) (zip file 2 of 2)

   which provides a FTP download and select FTP server to download.

5. Extract all the files and Install them on the server machine.
6. Click on Setup.exe available in Disk1. It will ask you for a JRE location. Specify the location as E:\UCM\JAVA\Jdk1.6.0.26\jre.
7. Click 'Next' to navigate to skip software updates
8. Click ‘Next’ to navigate to specify Installation Location.
9. Specify your Oracle Middleware home directory path and click next. Oracle Middleware version should be 10.3.5.
10. Click on Install button to accept this configuration and start the Installation
Installation Progress

Progress: 100%

Completed ...

Install Log: C:\Program Files\Oracle\inventory\logs\install2012-01-23_04-30-59PM.log

Installation Successful.
Starting execution of post install scripts
Execution of post install scripts completed

Elapsed Time: 1hr 16s
11. To verify the installation, Click on 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
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.
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 press 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 FLEXCUBE Application

1. Open the Imaging application:
   
   http://<ip address>:16000/imaging.

2. The following screen is displayed:

3. Login to imaging application.

4. Enter username/password and press Login.
5. Click on Manage Connections
6. Click on Create Content Server Connection
7. Click on Manage Applications

8. Click on add application
9. Click on next and add a field Name as Name
10. Click on next
11. Add security member giving all rights

12. Click on next .

13. Application Summary appears as:
14. Click on Manage search and add a search for documentID as:

15. Click on next and add all the details as shown
Create Search: Results Formatting

Select a source application or applications that you wish to return images from. Then select the fields in this application you wish to display to the user when their results are returned.

<table>
<thead>
<tr>
<th>Source Application</th>
<th>Name</th>
<th>Document Id</th>
<th>Document Creation Date</th>
<th>Document Created By</th>
<th>Document Search Id</th>
<th>Document Qw</th>
<th>Document Qr</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

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The following screen appears after creation:
16. Click on 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.