

UCM Server Setup
Oracle FLEXCUBE Investor Servicing
Release 14.4.0.0.0
[July] [2020]



Table of Contents

- 1. INTRODUCTION 1-1**
 - 1.1 BACKGROUND 1-1
 - 1.2 ORGANIZATION OF THE DOCUMENT 1-1
 - 1.3 ACRONYMS AND ABBREVIATIONS 1-1
- 2. PREREQUISITES 2-1**
 - 2.1 CREATE REPOSITORY IN ORDER TO CONFIGURE THE APPLICATION 2-1
- 3. UCM SERVER SETUP 3-1**
- 4. CONFIGURING THE ECM APPLICATION SERVER: 4-1**
 - 4.1 INTRODUCTION 4-1
 - 4.2 NEW DOMAIN CONFIGURATION 4-1
- 5. CHECKING THE DEPLOYMENT SUMMARY 5-1**
- 6. CREATING ORACLE FLEXCUBE APPLICATION 6-1**

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

UCM	Universal Content Management
IPM	Imaging and Process Management
RCU	Repository Creation Utility

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

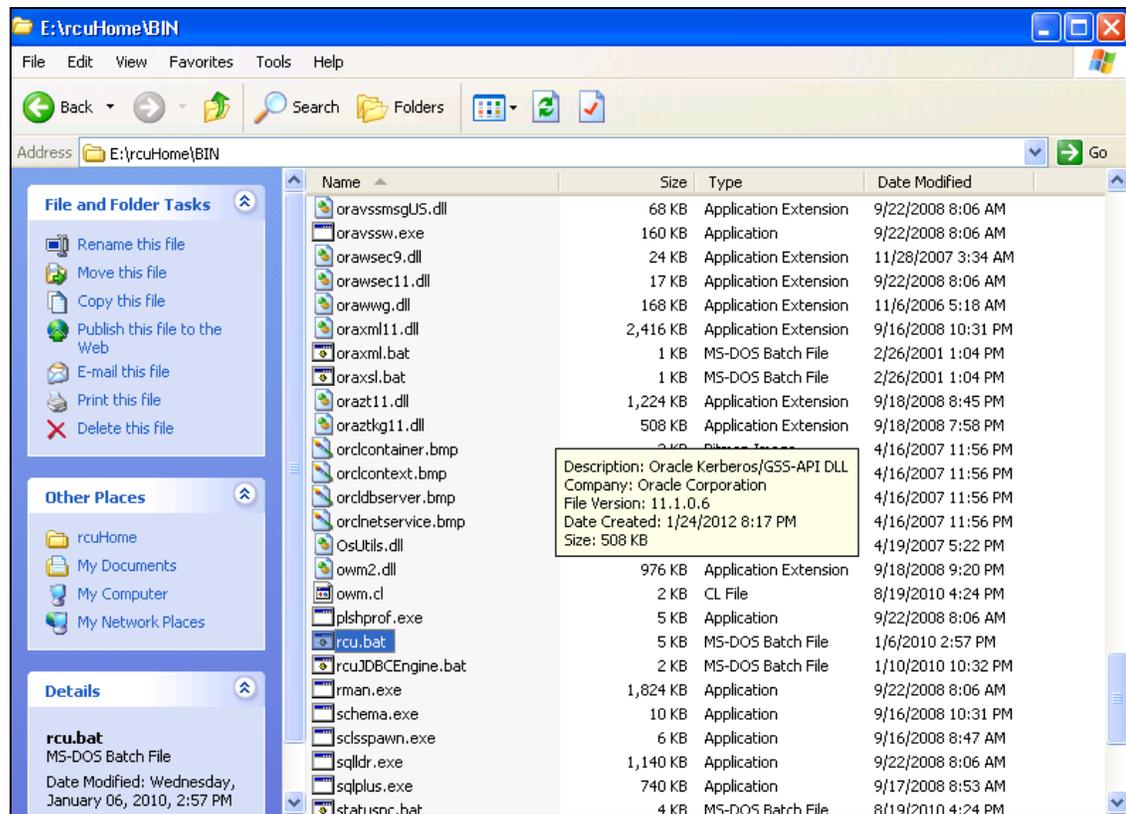
Oracle Repository Creation Utility (RCU) is used to create schemas that are required for UCM server Installation.

1. Install Database.
2. Navigate to the directory into which RCU is installed. For Example

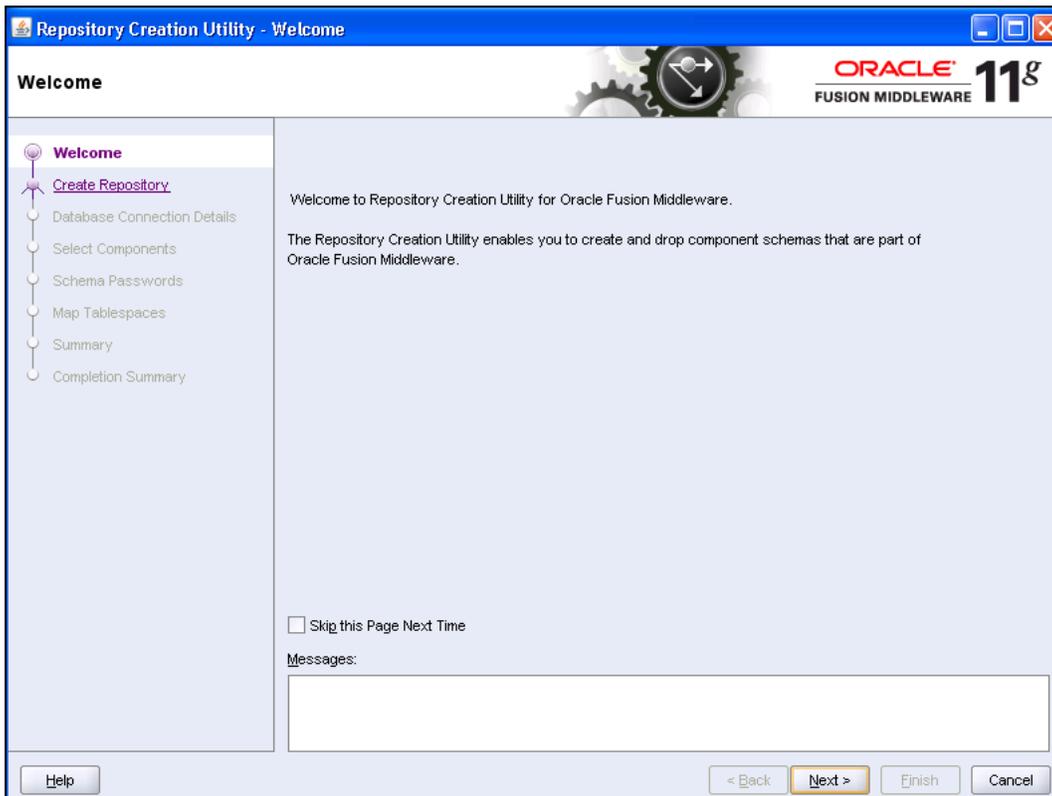
```
<rcu_home>\BIN
```

Where rcu_home is the directory in which RCU is installed.

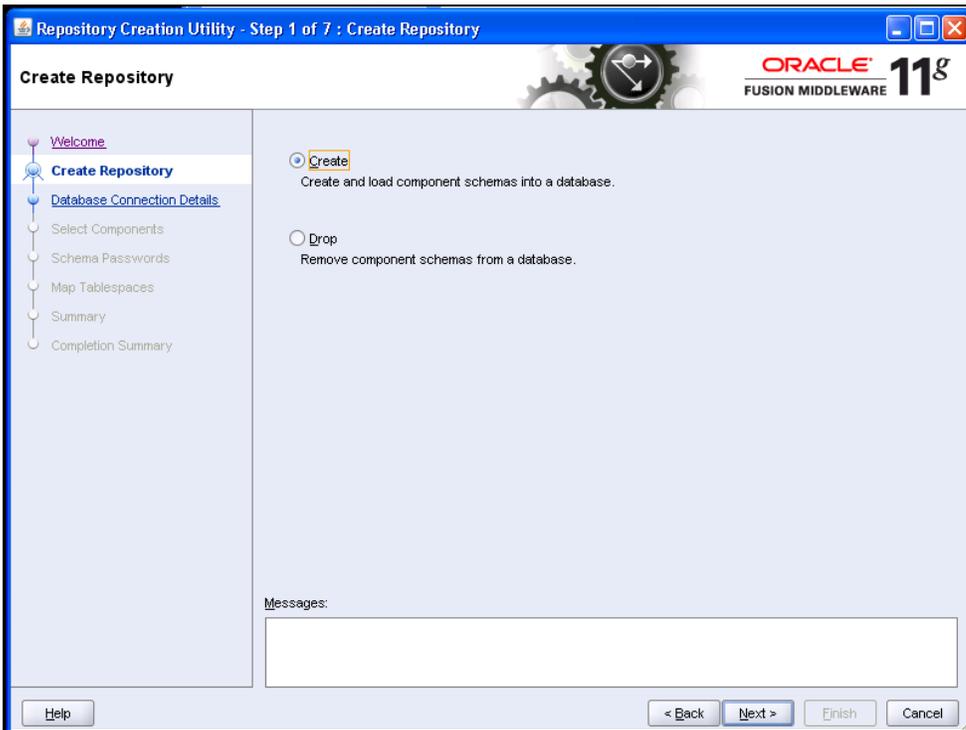
3. Click on rcu.bat file to create the repository.



The Repository Creation Welcome Screen appears.

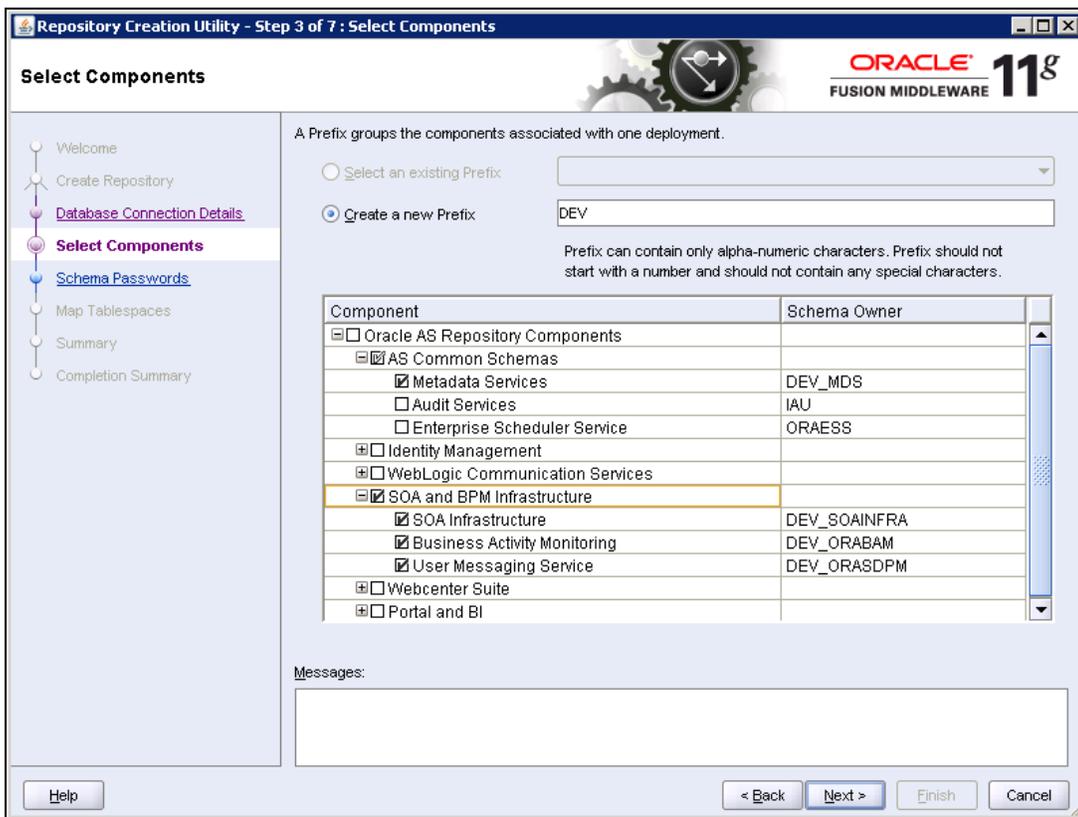
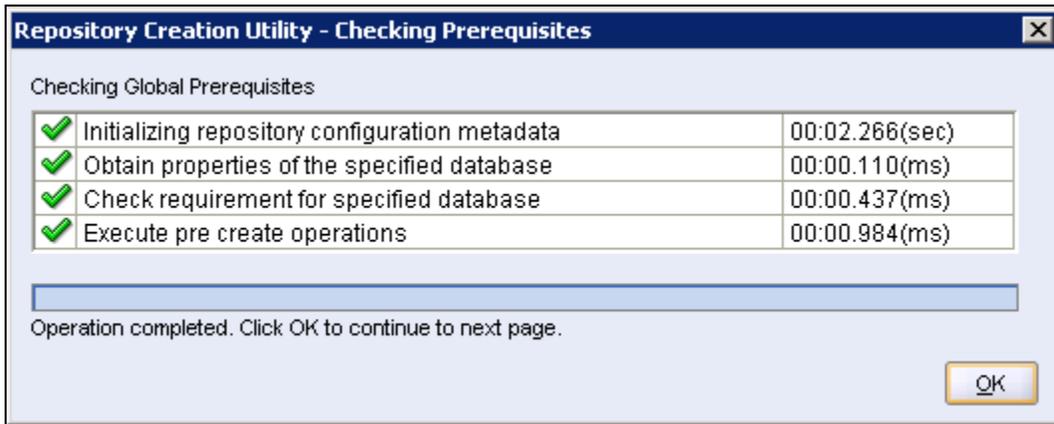


4. Select Create, and then click 'Next'.



5. Provide oracle database connection properties

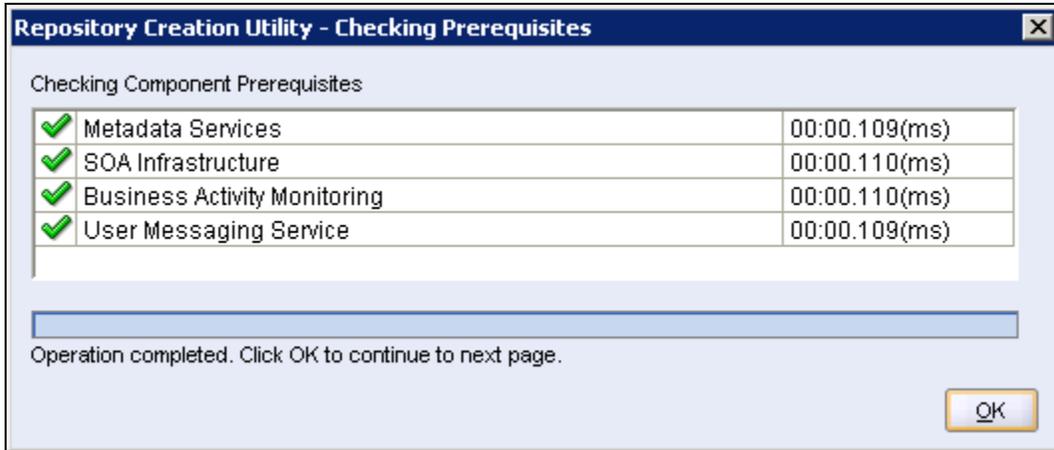
6. SYS credentials are required.



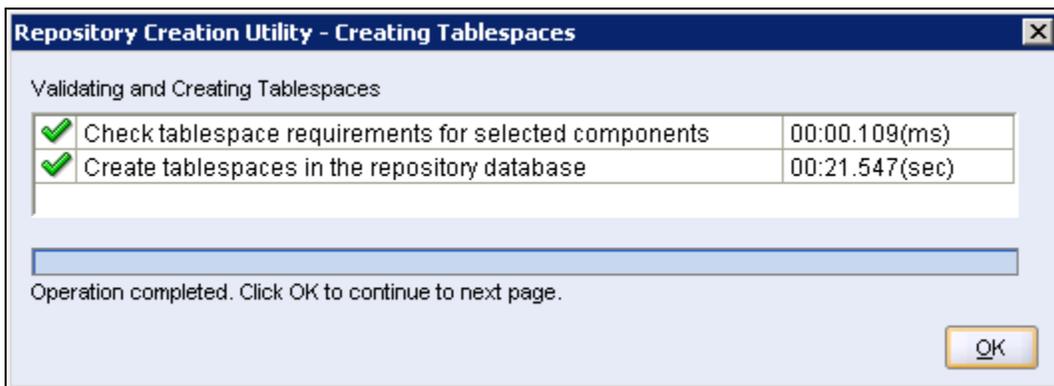
7. The prefix option is provided so that multiple soa schemas can be in the same instance.

8. Select Enterprise Content Management

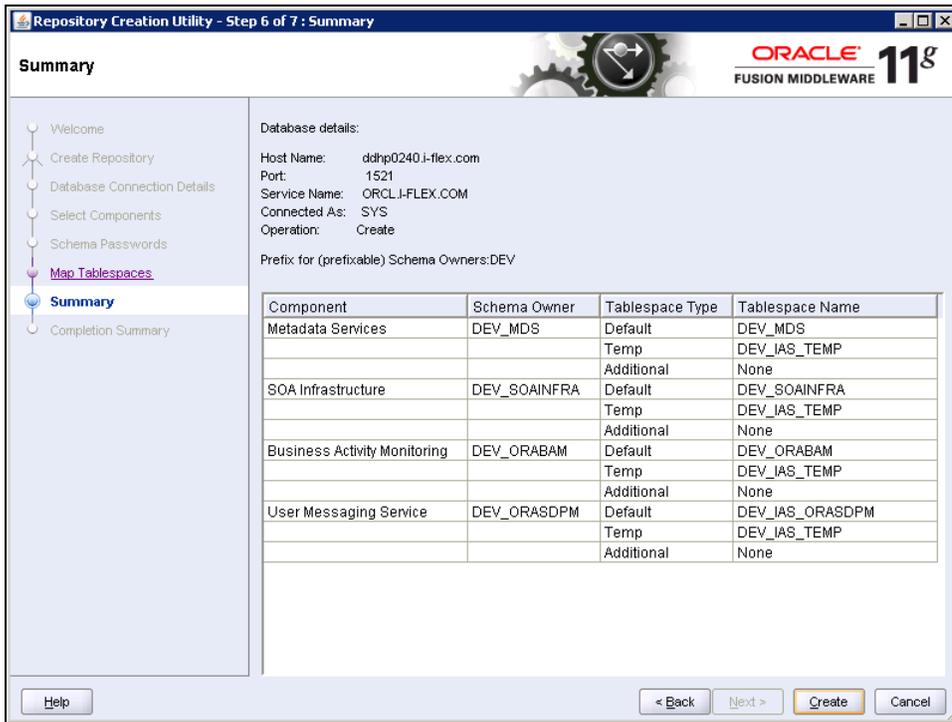
- DEV_OCS
- DEV_OCSSEARCH
- DEV_IPM



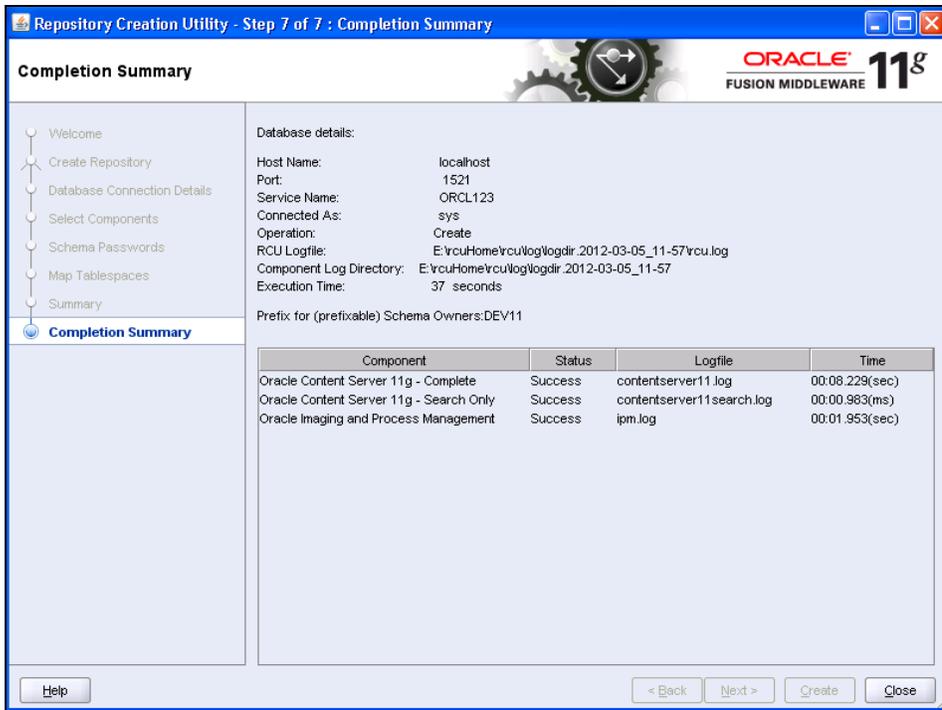
9. Please make a note of the password / passwords being used.



10. Tablespaces creation.



11. Summary



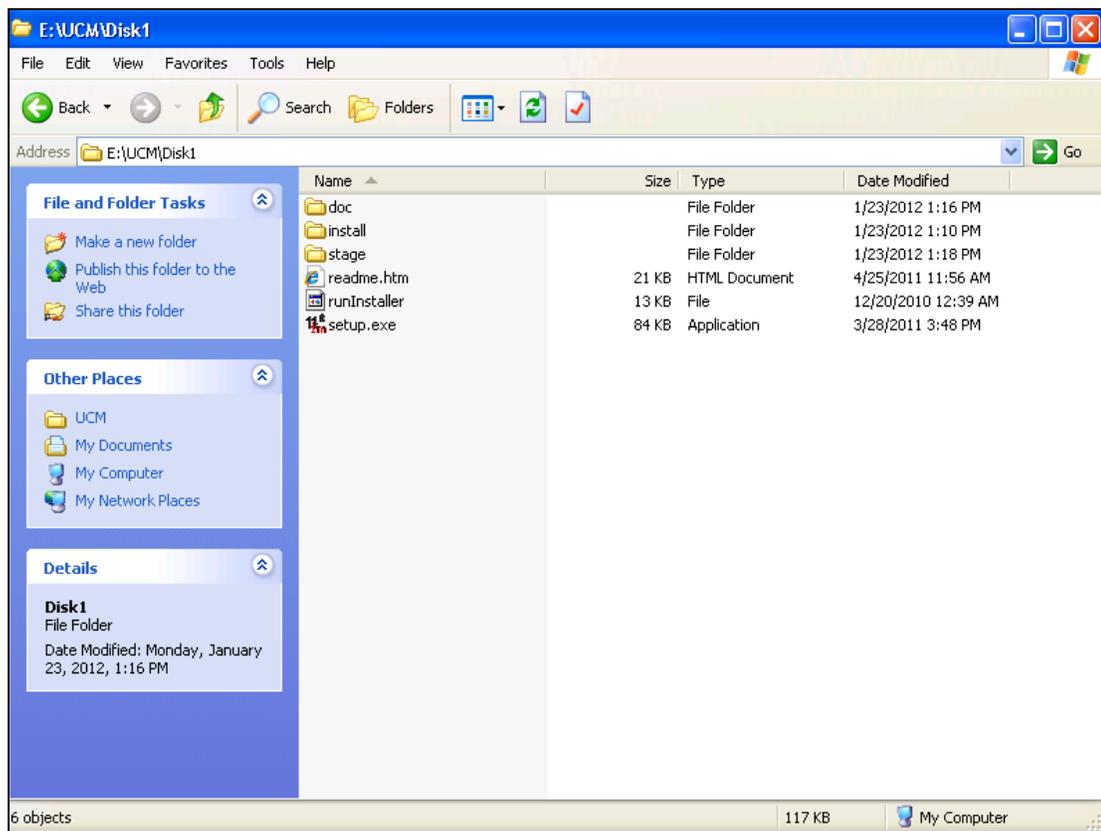
12. Completion Summary.

3. UCM Server Setup

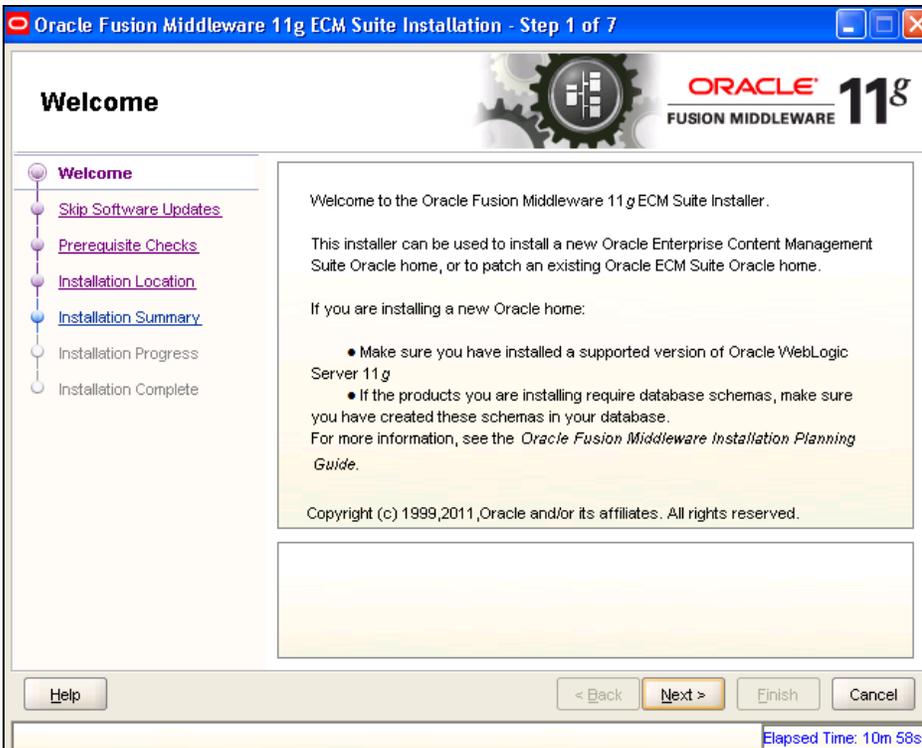
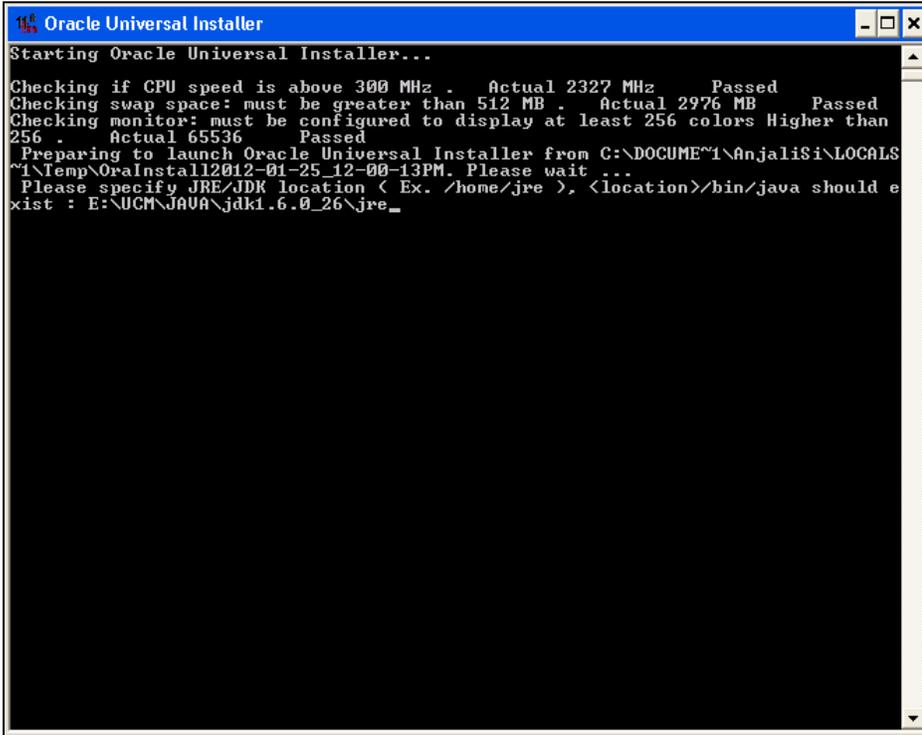
1. Download Oracle Webcenter Content 11gR1 (Version: 11.1.1.9.0), formerly known as (Oracle Enterprise Content Management) from

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

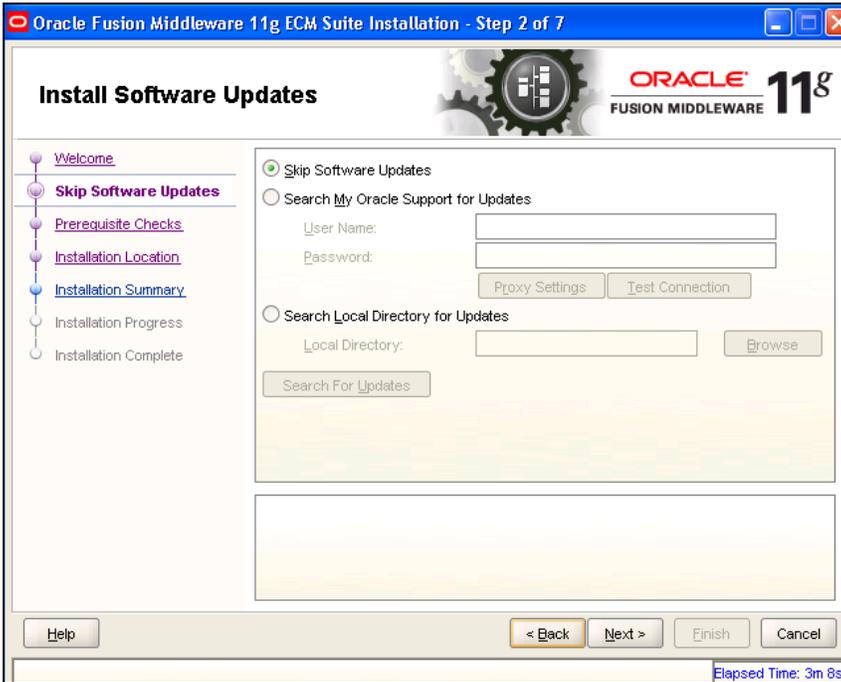
2. At the right top corner there is a search box, where searching for string <11.1.1.9.0>
3. Search for <Enterprise Content> in the result page and find a zip which is downloadable and download it
4. Extract all the files and Install them on the server machine.



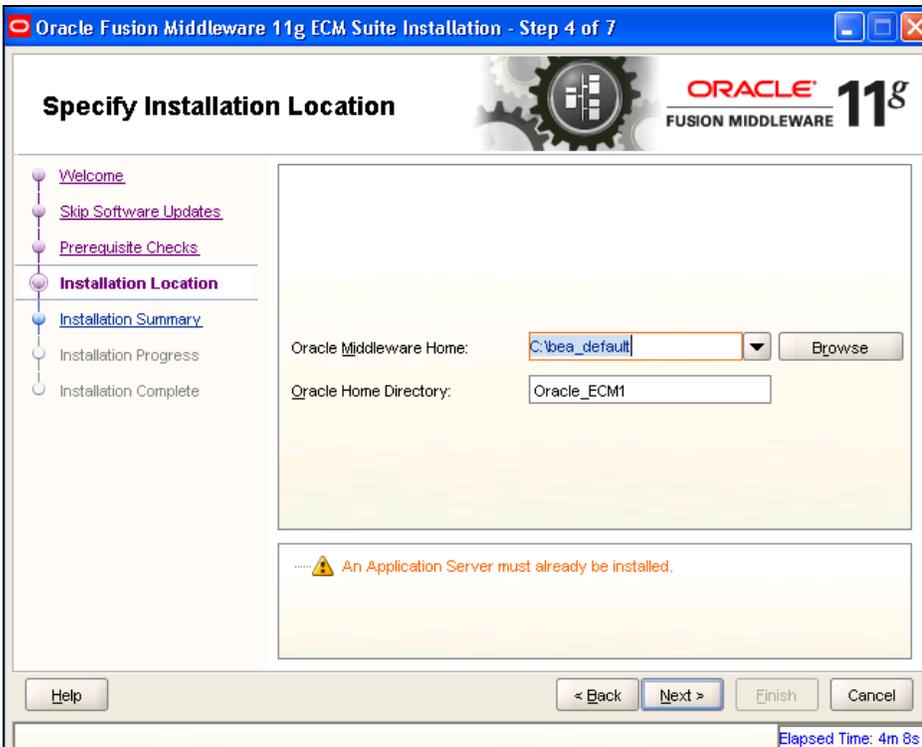
5. Click on Setup.exe available in Disk1. It will ask you for a JRE location. Specify the location as E:\UCM\JAVA\jdk1.7.0.80\jre.



6. Click 'Next' to navigate to skip software updates



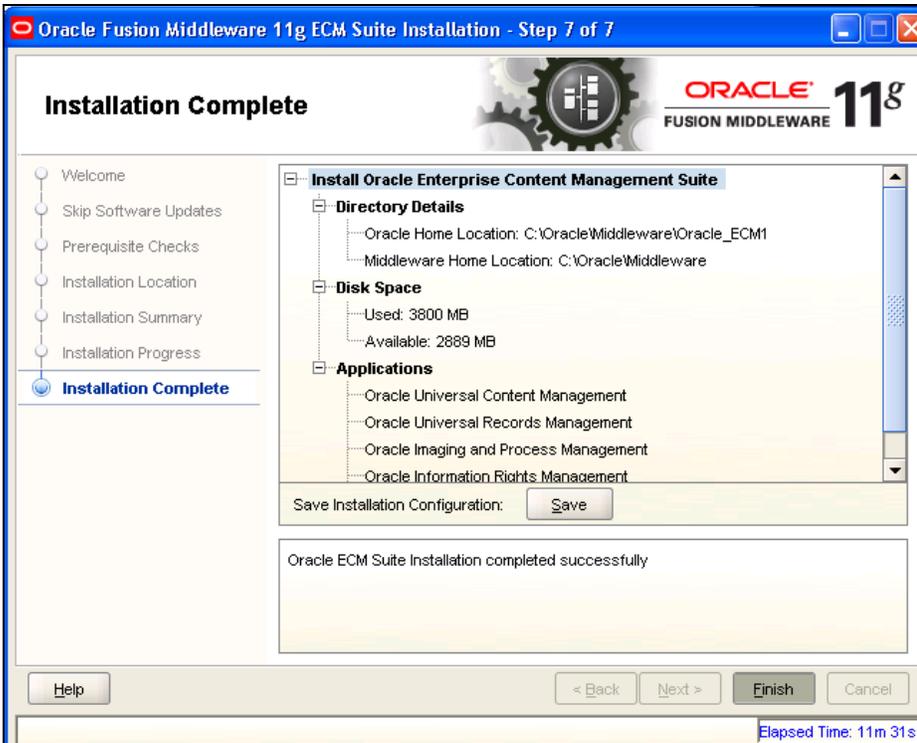
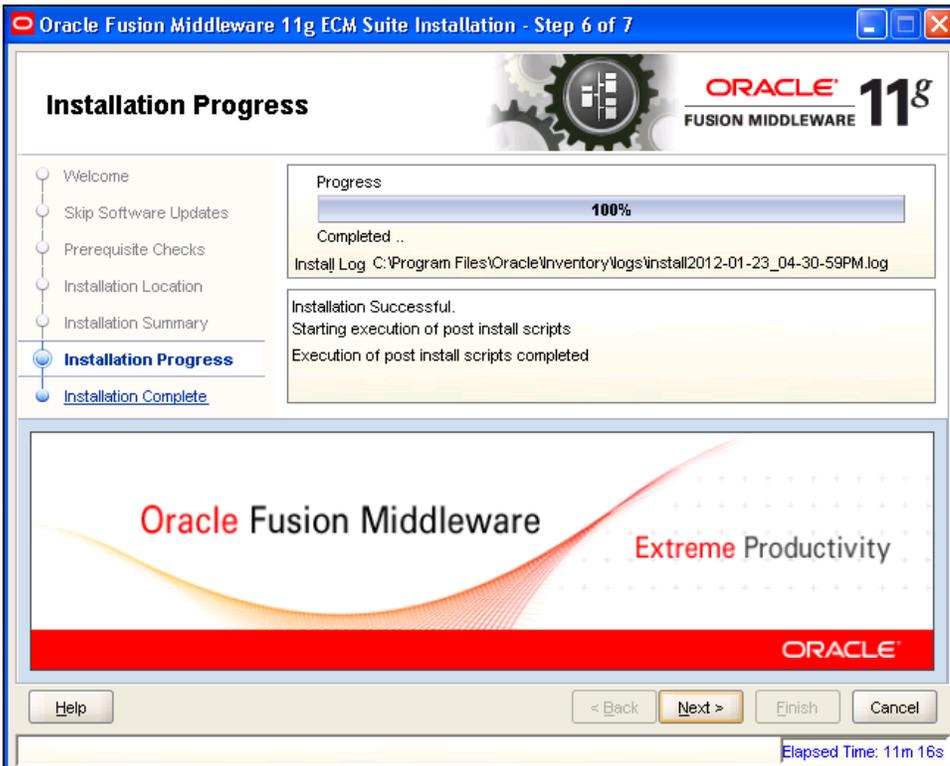
7. Click 'Next' to navigate to specify Installation Location.



- 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.

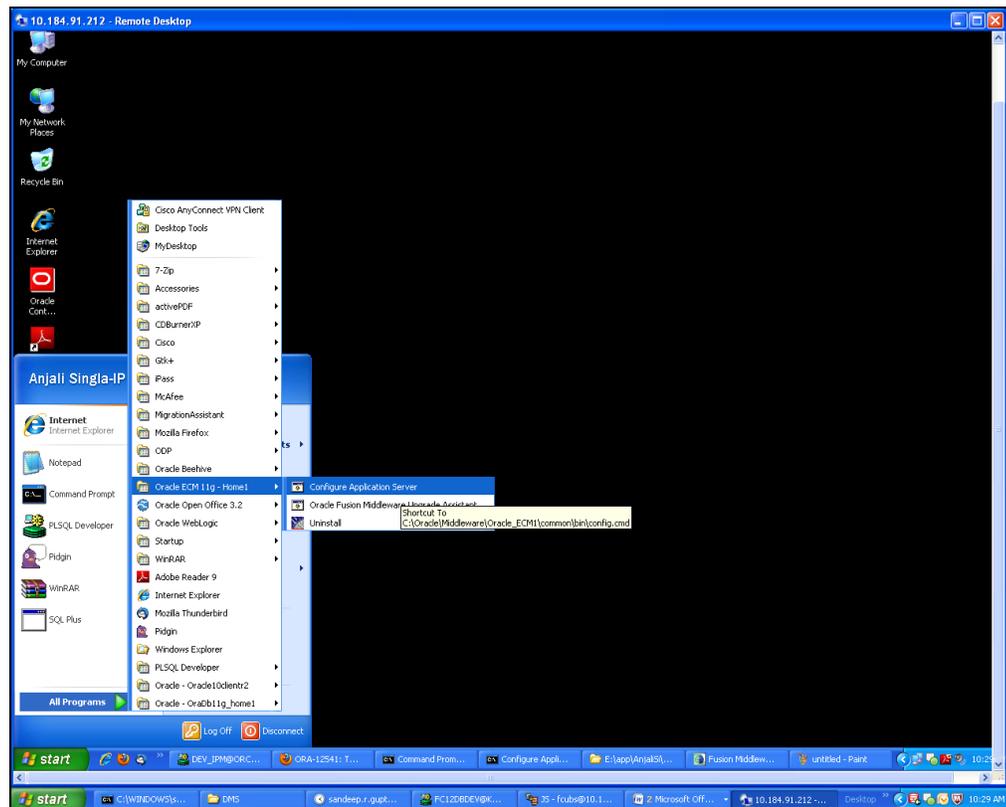
4. Configuring the ECM application server:

4.1 Introduction

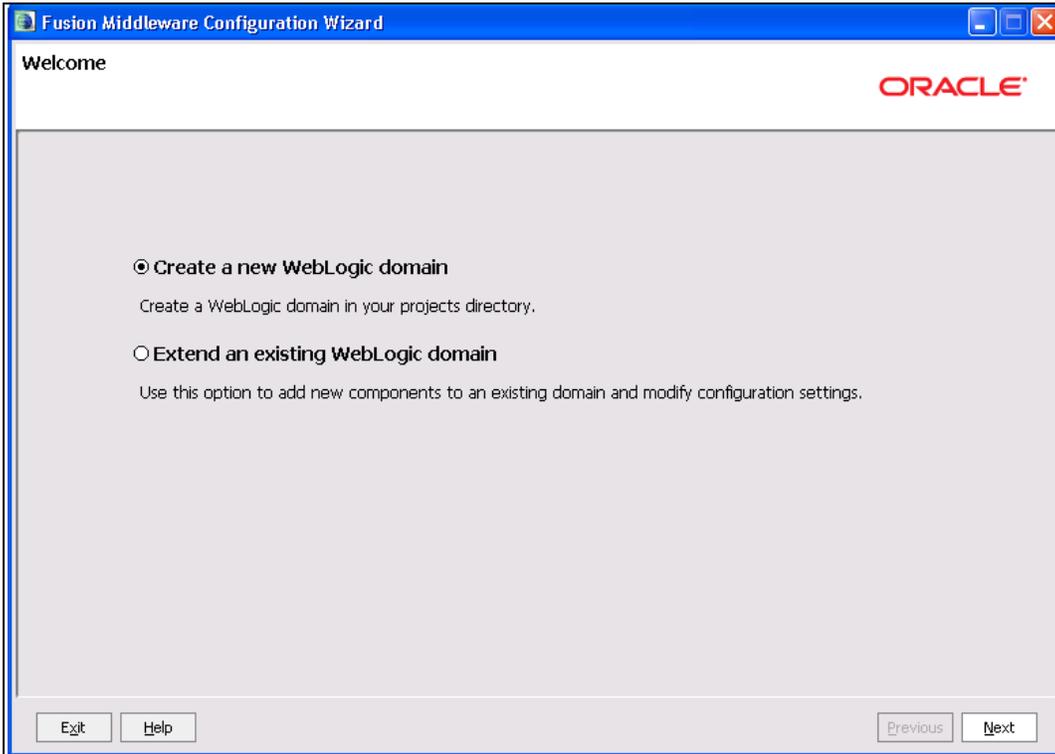
New domain can be configured or an existing domain can be extended with Oracle ECM suite components.

4.2 New Domain Configuration

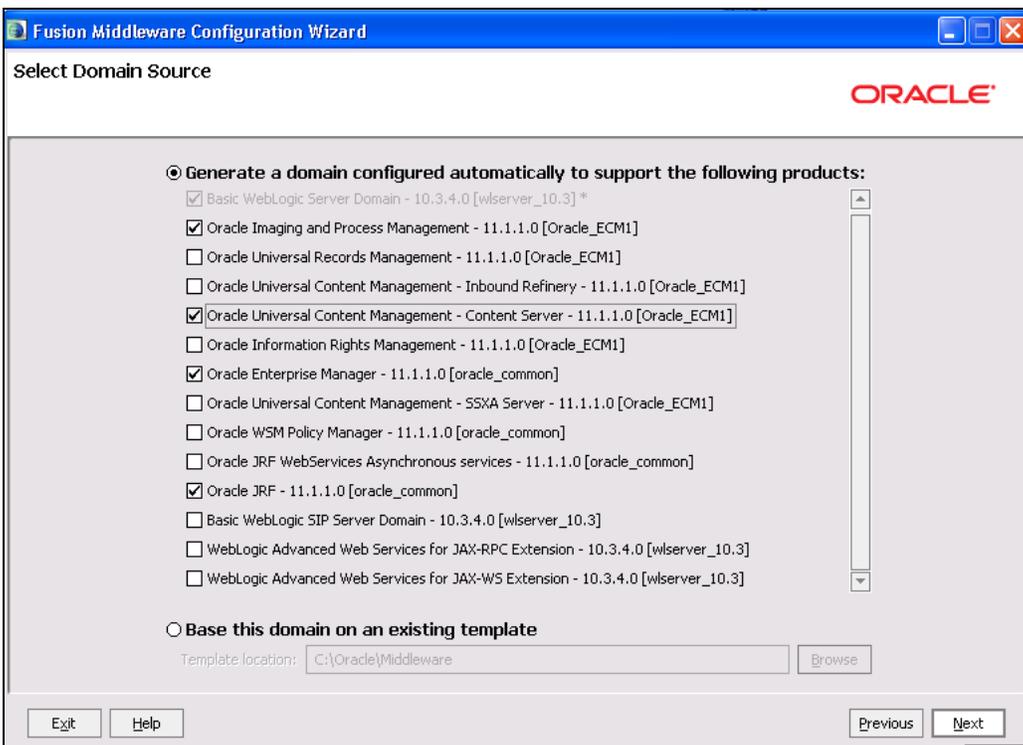
1. Run Configure Application server



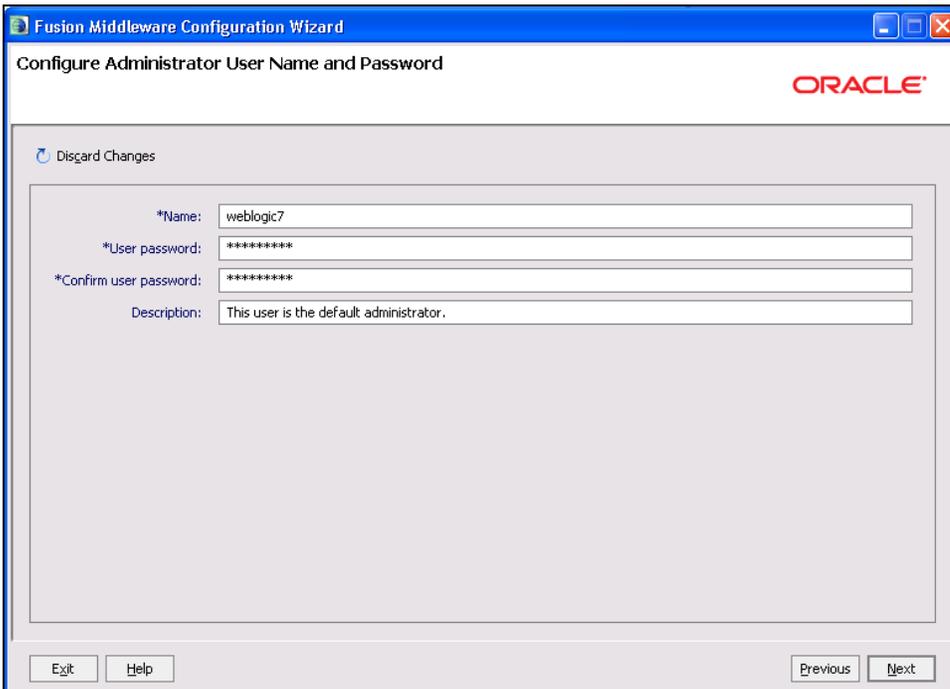
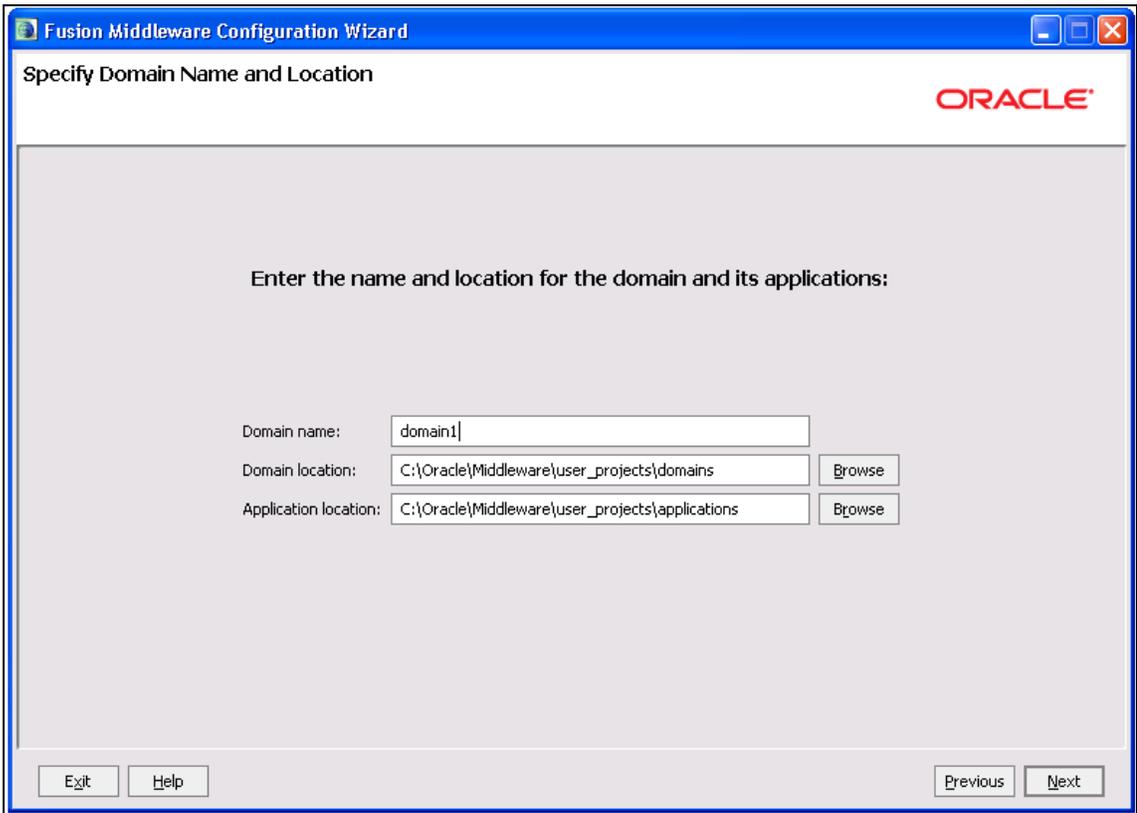
Creating a new WebLogic domain



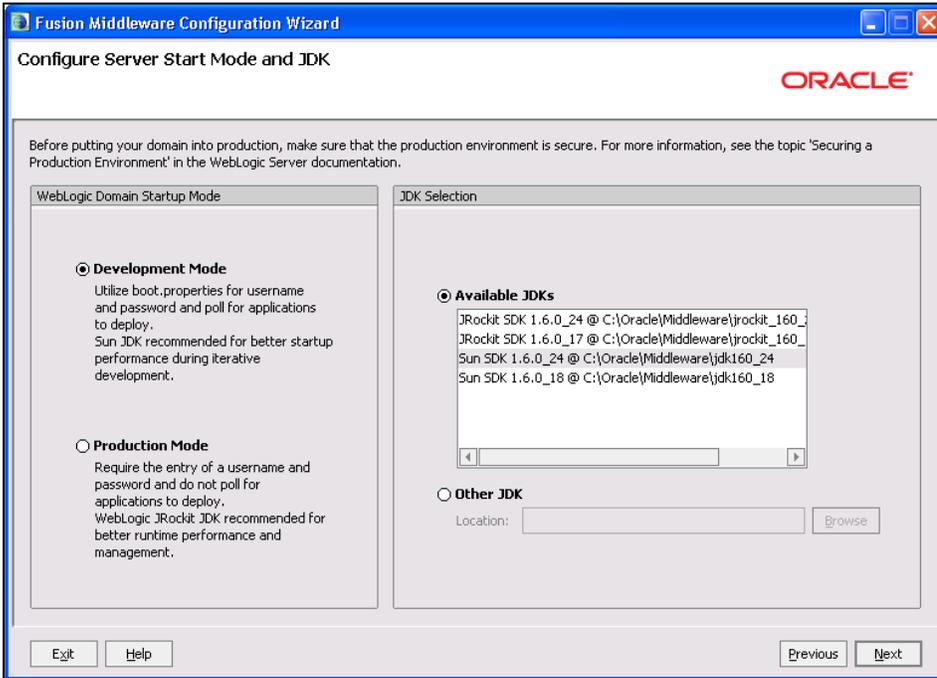
2. Create a new domain / extend an existing domain to include ECM suite components.



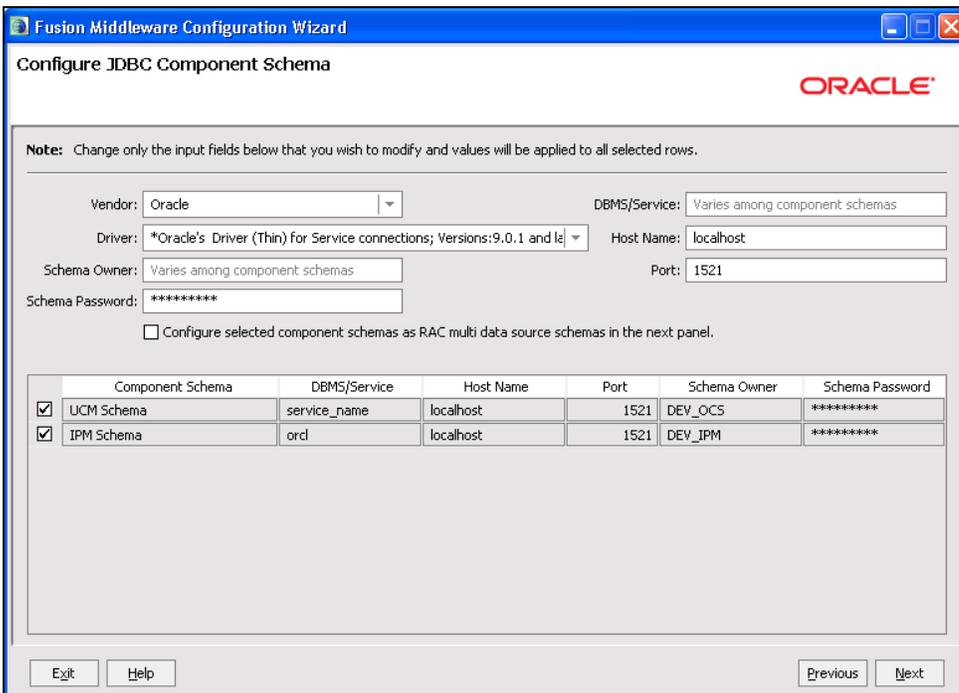
3. On selecting Oracle IPM and UCM (Content Server) it automatically selects Oracle Enterprise Manager and Oracle JRF.



4. Configure Administrator user / password.

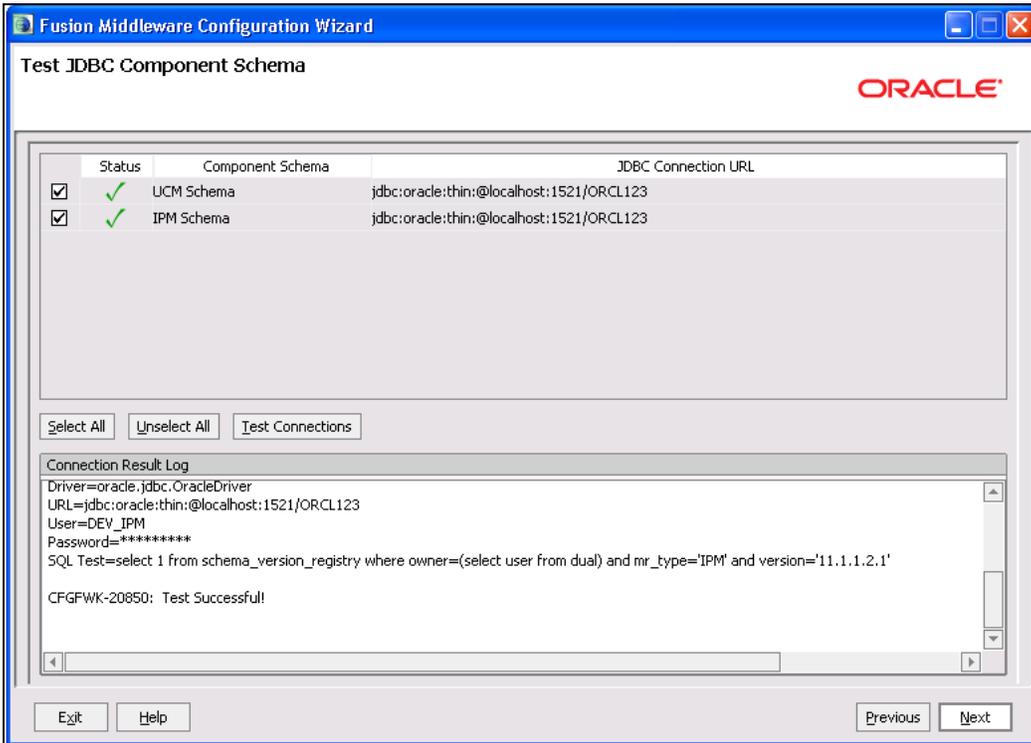


5. Select jdk depending on the Startup mode.

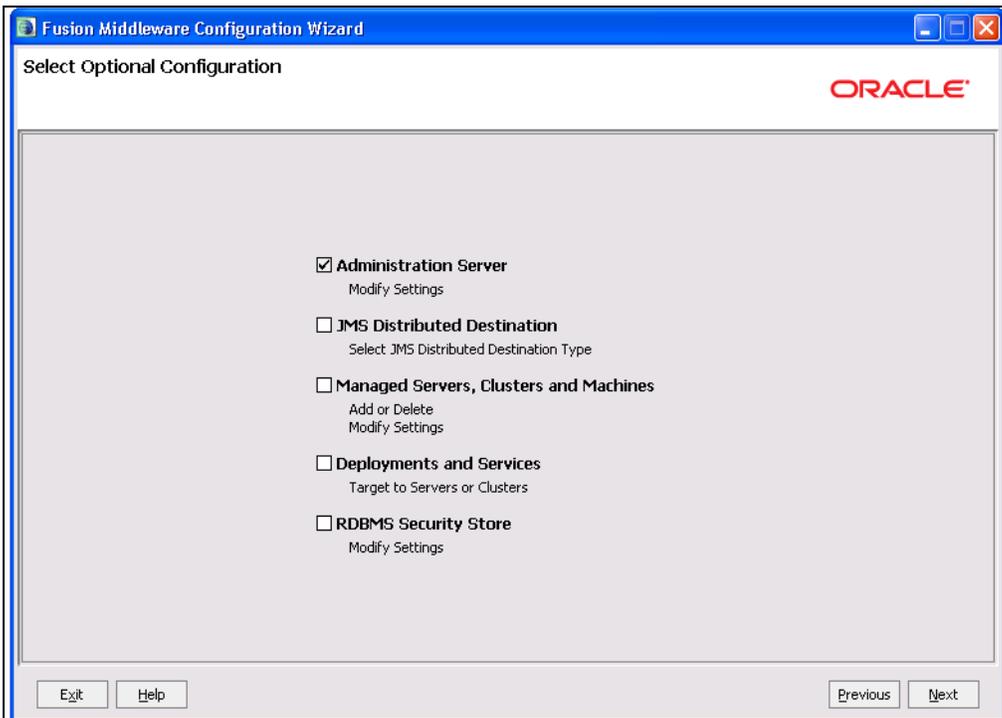


6. Provide the db parameters used during schema creation(RCU Utility)

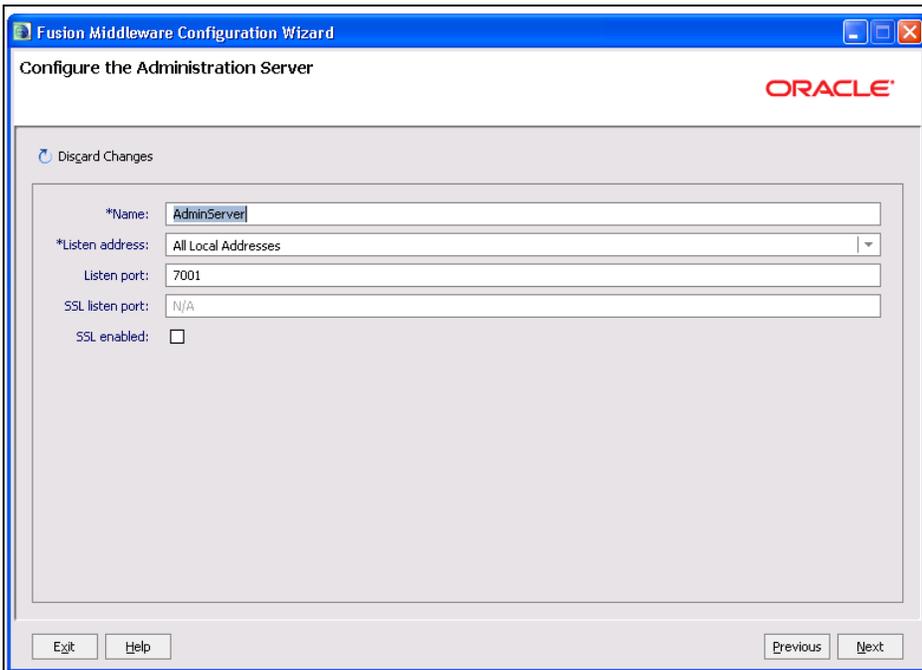
- Specify your hostname and schema password of both UCM and IPM schema. Also specify the correct DBMS/Service name.



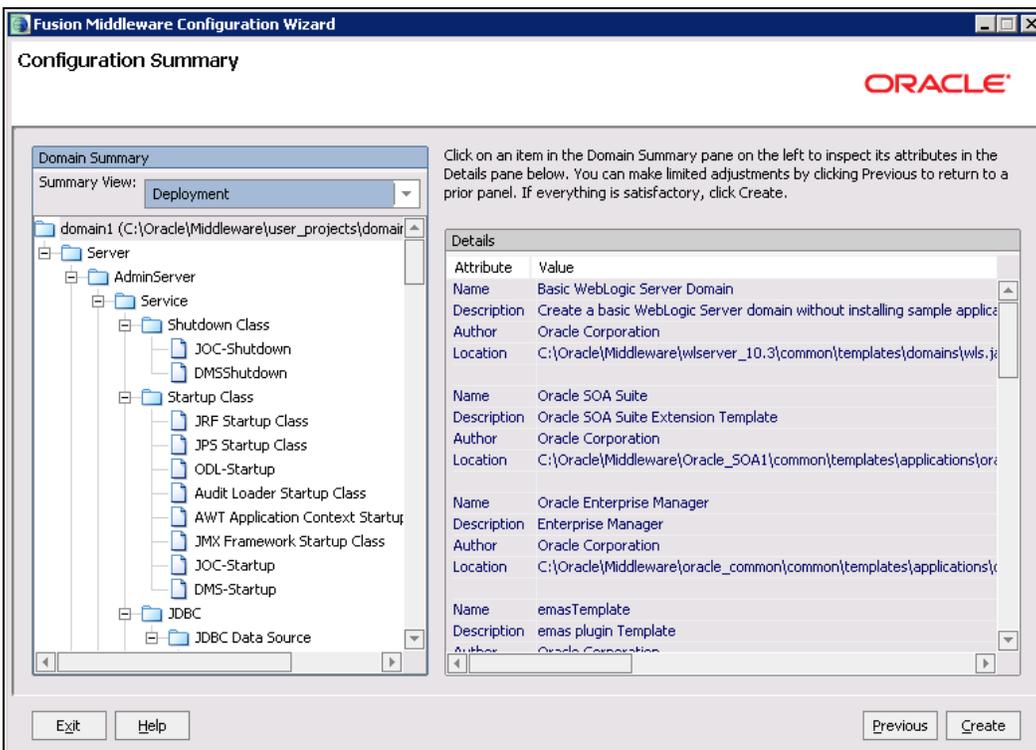
- Test the database connectivity

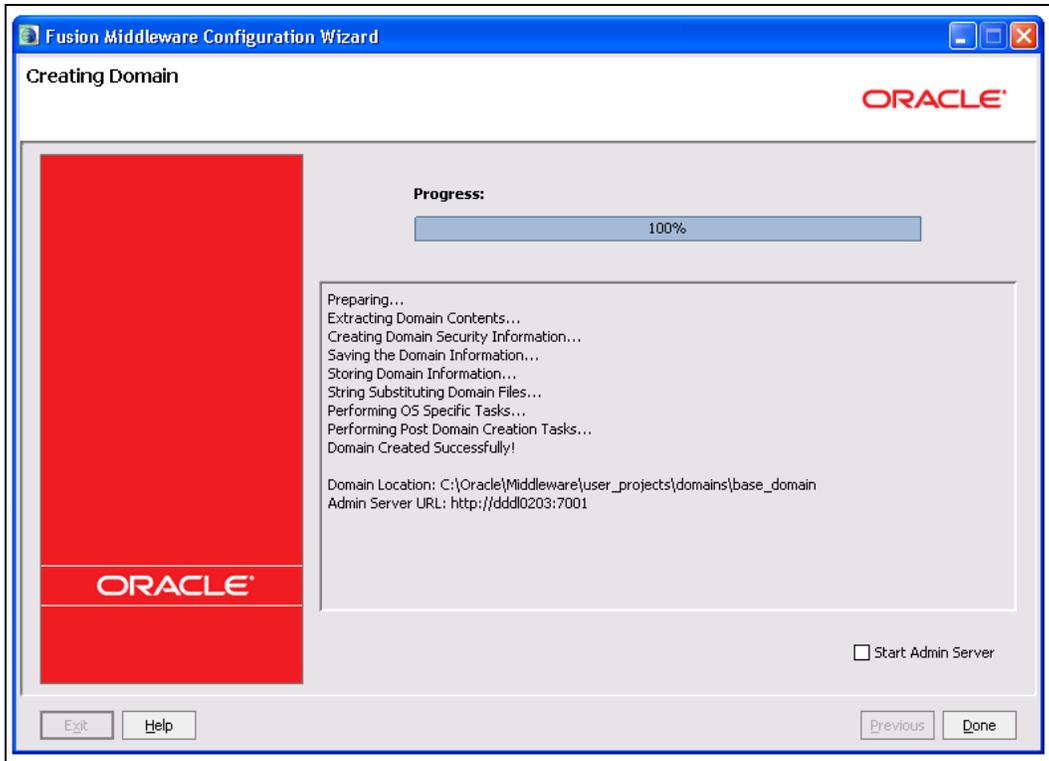


9. Select the Administration Server



10. Configure the admin server.



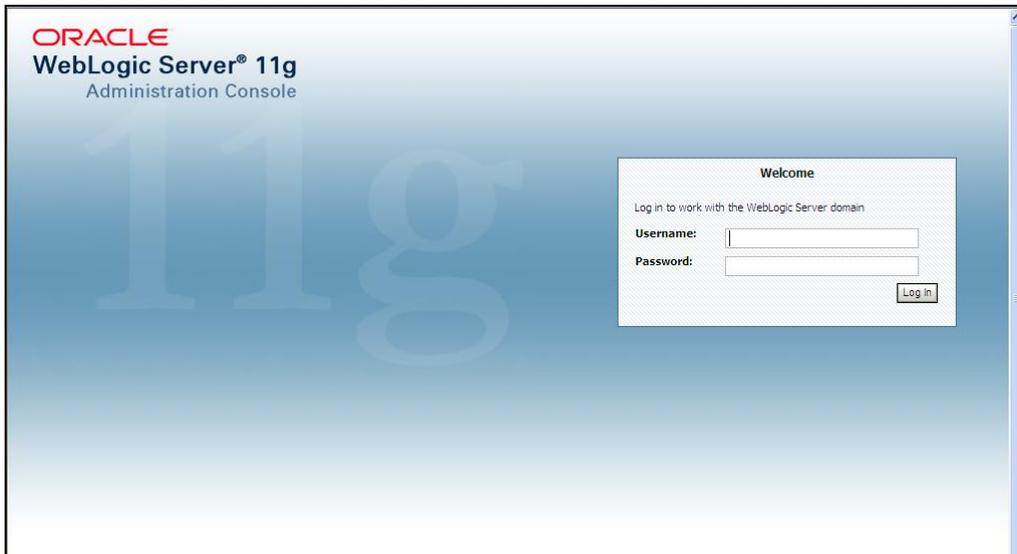


5. Checking the Deployment Summary

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>.

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>

The screenshot shows the Oracle WebLogic Server Administration Console. The main content area is titled "Summary of Deployments" and contains a table of installed applications and modules. The table has columns for Name, State, Health, Type, and Deployment Order. The applications listed include various libraries and web applications, all of which are in an "Active" state with a "Health" of "OK".

Name	State	Health	Type	Deployment Order
adf.oracle.businesseditor(1.0,11.1.1.2.0)	Active		Library	100
adf.oracle.domain(1.0,11.1.1.2.0)	Active		Library	100
adf.oracle.domain.webapp(1.0,11.1.1.2.0)	Active		Library	100
DMS Application (11.1.1.1.0)	Active	OK	Web Application	5
em	Active	OK	Enterprise Application	400
emai	Active		Library	100
emas	Active		Library	100
emcore	Active		Library	100
IPMW Welcome Page Application (11.1.0.0.0)	Active	OK	Enterprise Application	5
imaging	Active	OK	Enterprise Application	400
jsf(1.2,1.2.9.0)	Active		Library	100
jsf(1.2,1.2.0.1)	Active		Library	100
ohw-rd(5,5.0)	Active		Library	100
ohw-us(5,5.0)	Active		Library	100
Oracle UCM Help	Active	OK	Web Application	225

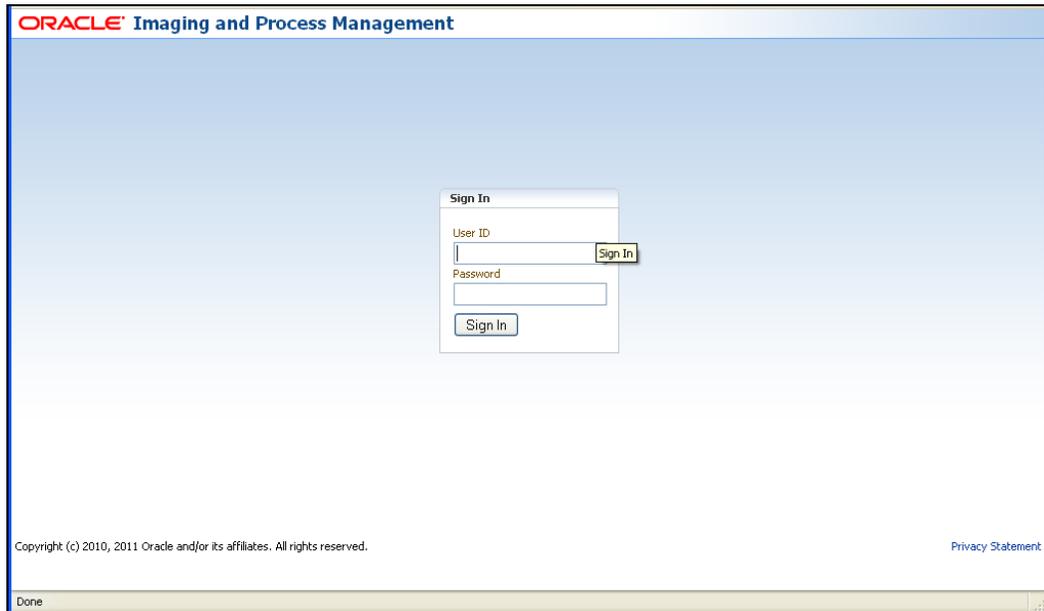
8. Imaging application should be up and running.

6. Creating Oracle FLEXCUBE Application

1. Open the Imaging application:

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

2. The following screen is displayed:

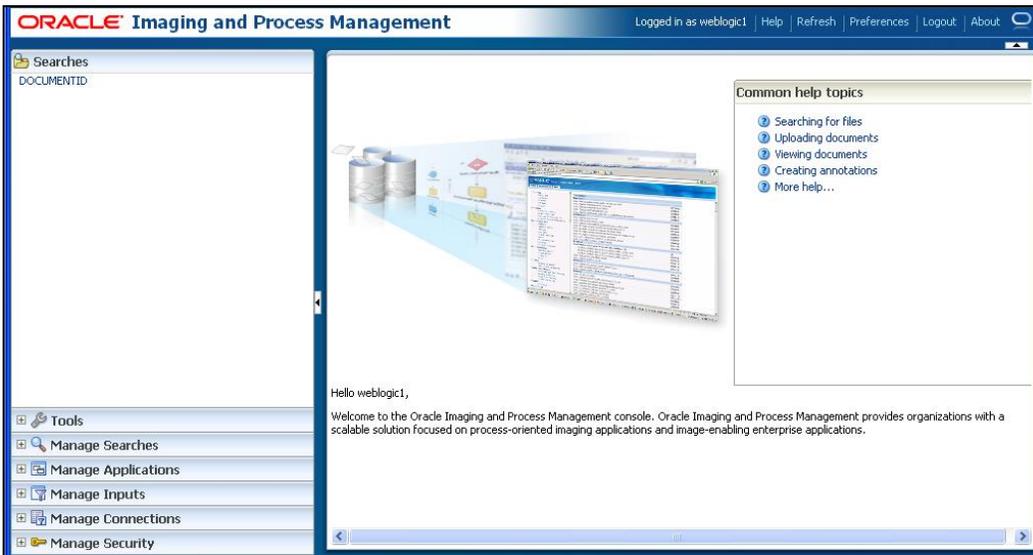
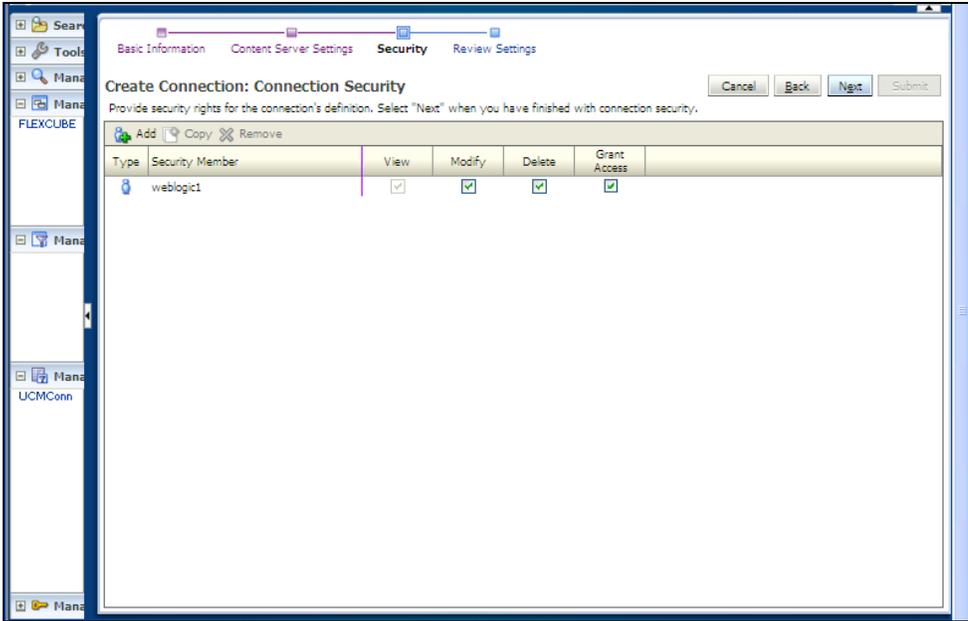


The screenshot shows the Oracle Imaging and Process Management web application. The title bar reads "ORACLE Imaging and Process Management". The main content area is a light blue gradient. In the center, there is a "Sign In" dialog box with the following fields and buttons:

- Sign In (dialog title)
- User ID (text input field)
- Sign In (button next to User ID field)
- Password (password input field)
- Sign In (button at the bottom of the dialog)

At the bottom left of the page, there is a copyright notice: "Copyright (c) 2010, 2011 Oracle and/or its affiliates. All rights reserved." At the bottom right, there is a link for "Privacy Statement". The browser's status bar at the very bottom shows "Done".

3. Login to imaging application.
4. Enter username/password and press Login.
5. Click on Manage Connections
6. Click on Create Content Server Connection



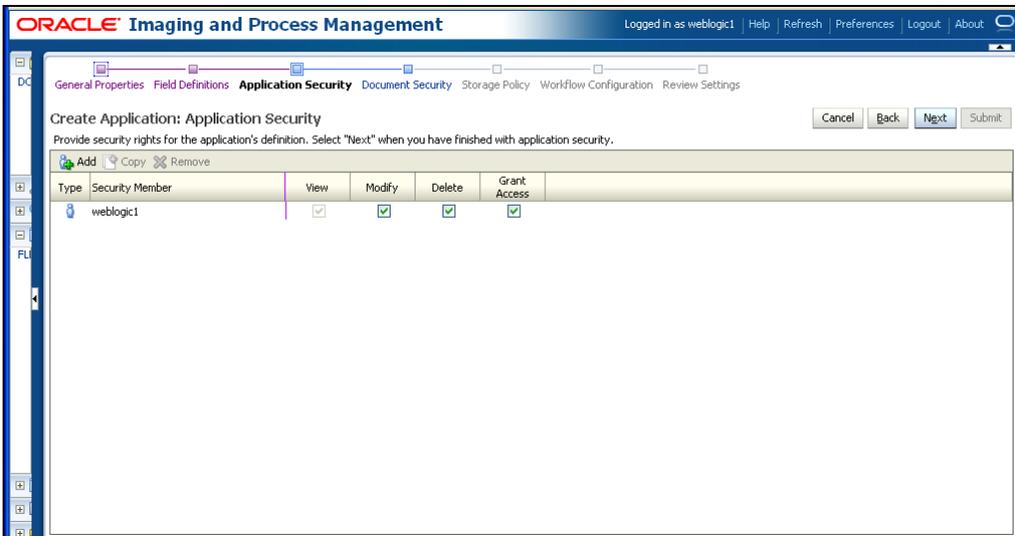
7. Click on Manage Applications
8. Click Add Application

The screenshot shows the Oracle Imaging and Process Management web interface. The title bar reads "ORACLE Imaging and Process Management" and "Logged in as weblogic1". The breadcrumb navigation includes "General Properties", "Field Definitions", "Application Security", "Document Security", "Storage Policy", "Workflow Configuration", and "Review Settings". The main heading is "Create Application: General Properties". Below the heading, there is a text input field for "Application Name" containing "FLEXCUBE" and a larger text area for "Description". A "Repository" dropdown menu is set to "UCMConn". An "Information" icon is present with the text: "You will not be able to change the repository once you have created the application." There is also a "Full-Text Search" checkbox which is unchecked. At the top right, there are buttons for "Cancel", "Back", "Next", and "Submit".

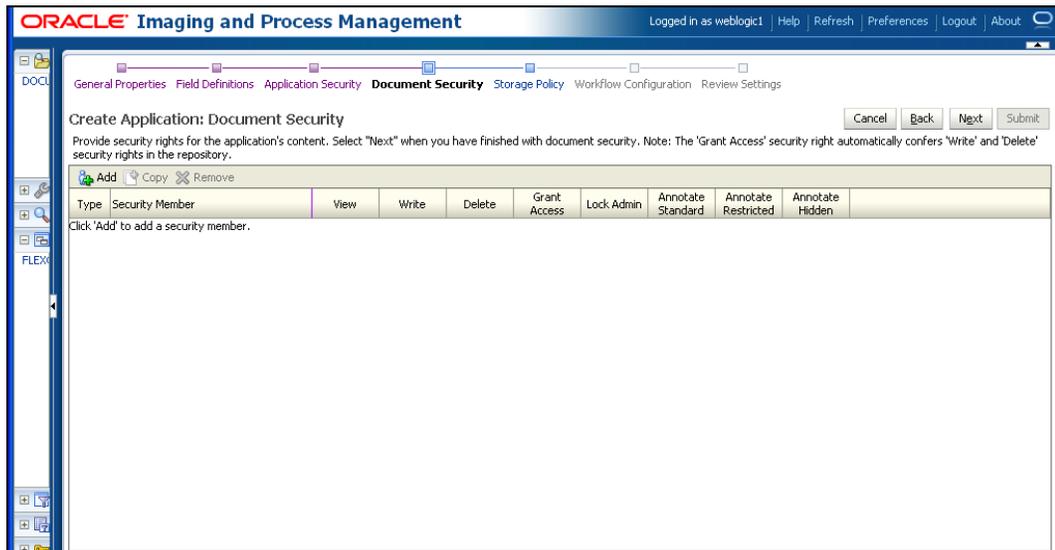
9. Click Next and add a Field Name as Name

The screenshot shows the Oracle Imaging and Process Management web interface at the "Field Definitions" step. The breadcrumb navigation is "General Properties", "Field Definitions", "Application Security", "Document Security", "Storage Policy", "Workflow Configuration", and "Review Settings". The main heading is "Create Application: Field Definitions". Below the heading, there is a table for defining fields. The table has columns for "Type", "Name", "Length", "Scale", "Required", "Indexed", "Default Value", and "Picklist". One field is defined with "Name" as the name, "80" as the length, and "Indexed" checked. There are "Add" and "Remove" buttons at the top left of the table. At the top right, there are buttons for "Cancel", "Back", "Next", and "Submit".

Type	Name	Length	Scale	Required	Indexed	Default Value	Picklist
Abc	Name	80		<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>



10. Click Next



11. Add security member giving all rights

12. Click Next .

13. Application Summary appears as:

The screenshot displays the Oracle Imaging and Process Management interface. The main content area shows the 'FLEXCUBE: Application Summary' page. The left sidebar contains navigation options like 'Searches', 'Tools', 'Manage Searches', 'Manage Applications', 'Manage Inputs', 'Manage Connections', and 'Manage Security'. The main area is divided into several sections:

- General Properties:** Application Id: 2, Application Name: FLEXCUBE, Description: FLEXCUBE, Repository: UCMConn, Full-Text Search:
- Field Definitions:** A table with columns: Type, Name, Length, Scale, Required, Indexed, Default Value, Picklist. One row is visible: Type: Abc, Name: Name, Length: 80, Indexed:
- Application Security:** A table with columns: Type, Security Member, View, Modify, Delete, Grant Access. One row is visible: Type: Security Member, Security Member: weblogic1, View: , Modify: , Delete: , Grant Access:
- Document Security:** A table with columns: Type, Security Member, View, Write, Delete, Grant Access, Lock Admin, Annotate Standard, Annot Restrict. Rows include AdminChannelUsers, Administrators, AppTesters, and CrossDomainConnectors, all with various permissions checked.

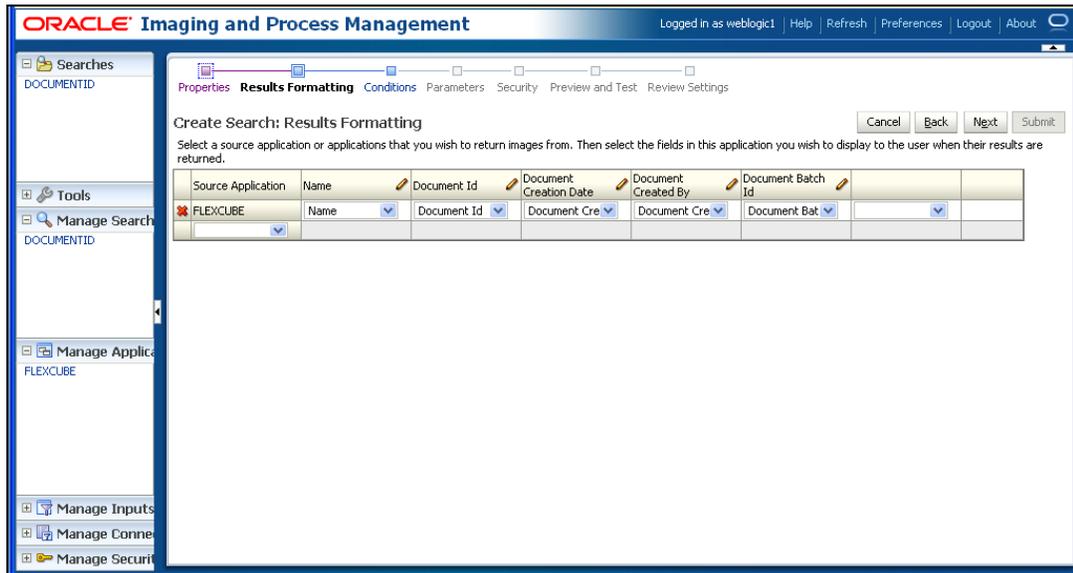
14. Click Manage search and add a search for documentID as :

The screenshot shows the 'Create Search: Properties' dialog box in the Oracle Imaging and Process Management interface. The dialog has tabs for 'Properties', 'Results Formatting', 'Conditions', 'Parameters', 'Security', 'Preview and Test', and 'Review Settings'. The 'Properties' tab is active. The dialog contains the following fields:

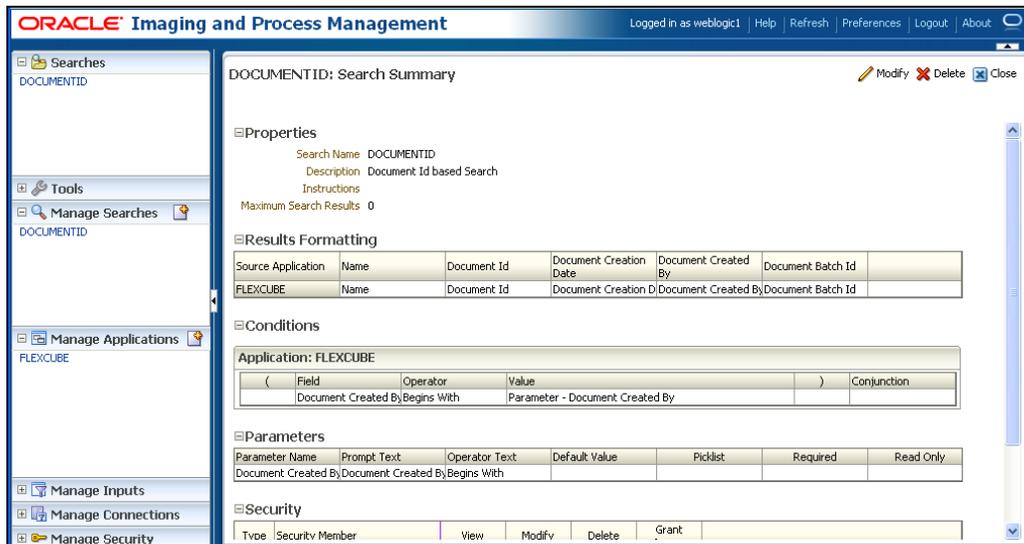
- Search Name:** DOCUMENTID
- Description:** Document Id based Search
- Instructions:** (Empty text area)
- Maximum Search Results:** 0

Buttons for 'Cancel', 'Back', 'Next', and 'Submit' are located at the top right of the dialog.

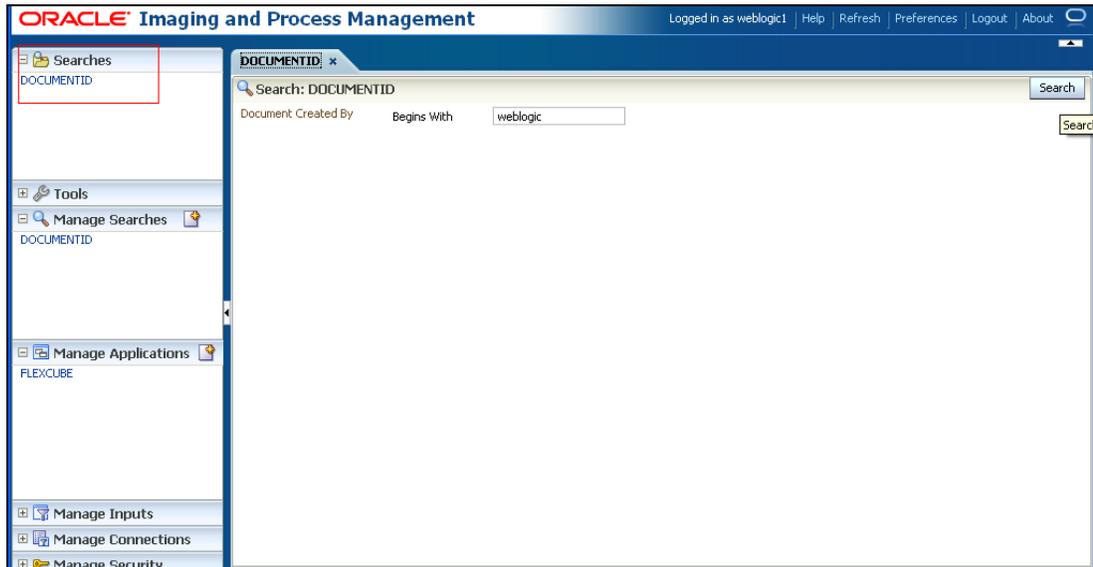
15. Click Next and add all the details as shown



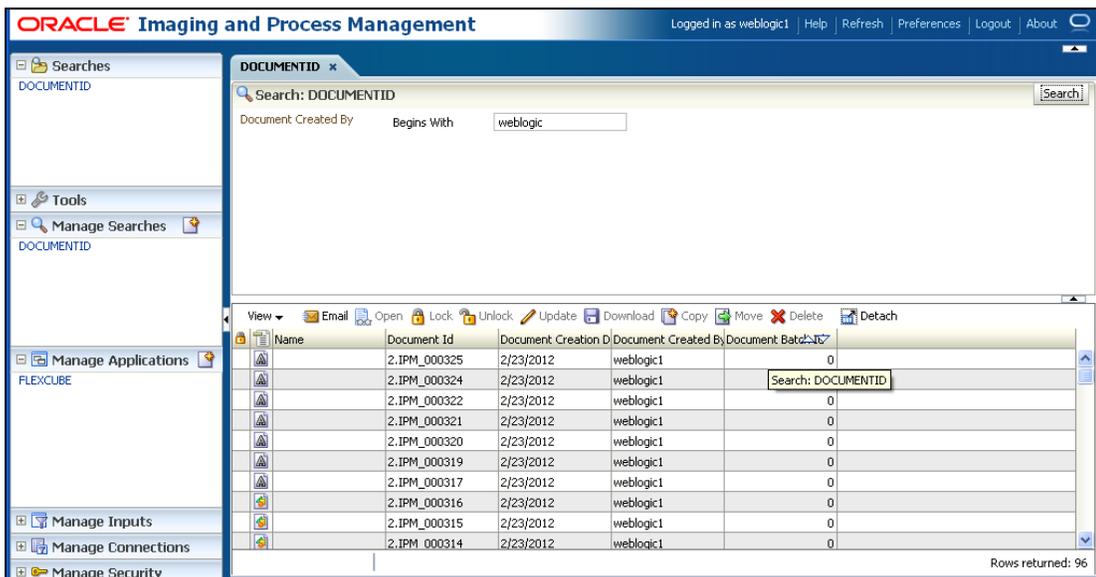
The following screen appears after creation:



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
[July] [2020]
Version 14.4.0.0.0

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