UCM Server Setup
Oracle FLEXCUBE
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

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

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2. Prerequisites

Oracle Weblogic 11gR1 (10.3.5)

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

http://www.oracle.com/technetwork/middleware/ias/downloads/wls-main-097127.html

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_oepe111172_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.

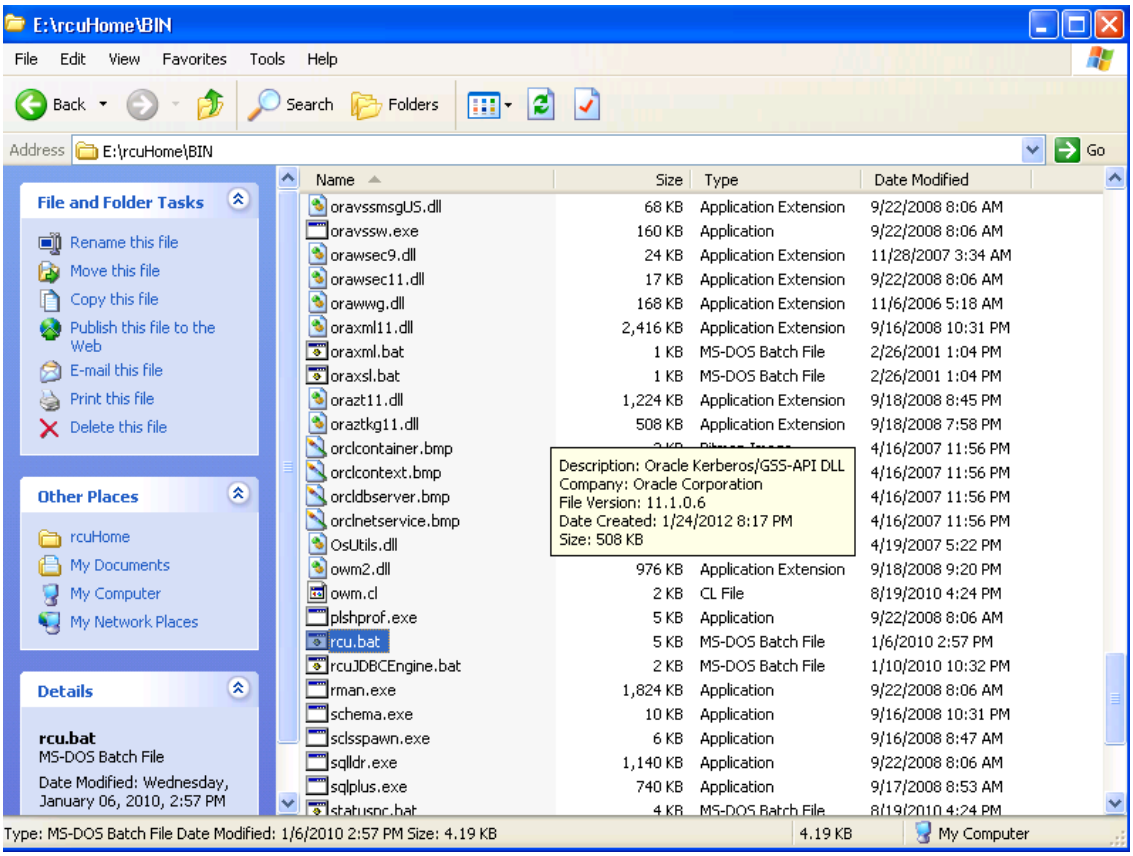
1. Install Database.
2. Download Repository Creation Utility

   http://www.oracle.com/technetwork/middleware/soasuite/downloads/index.html

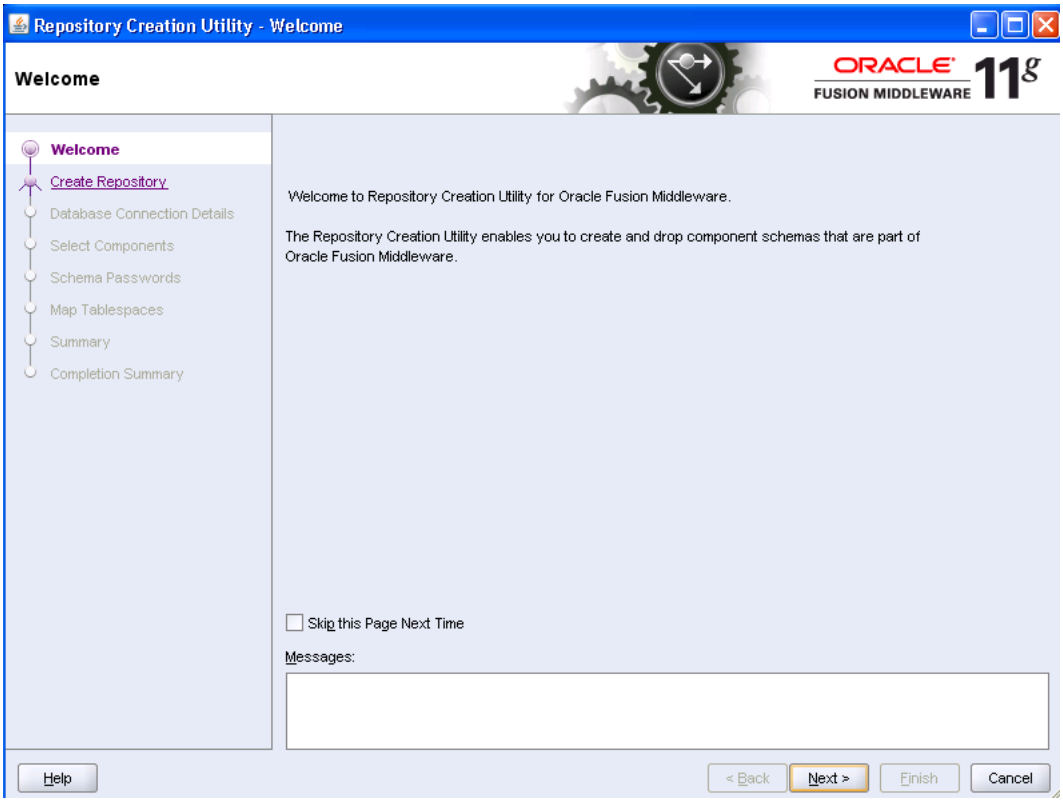
3. Navigate to the directory into which RCU is installed. For Example

   <rcu_home>\BIN
   Where rcu_home is the directory in which RCU is installed.

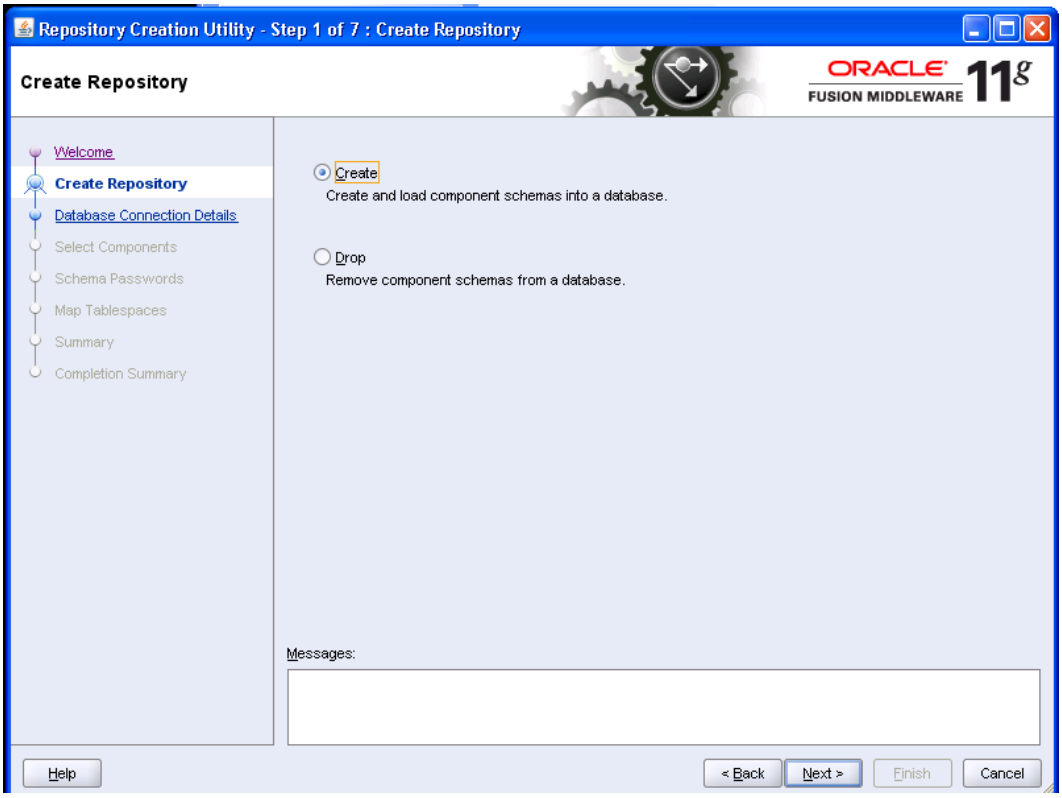
4. Click on rcu.bat file to create the repository.

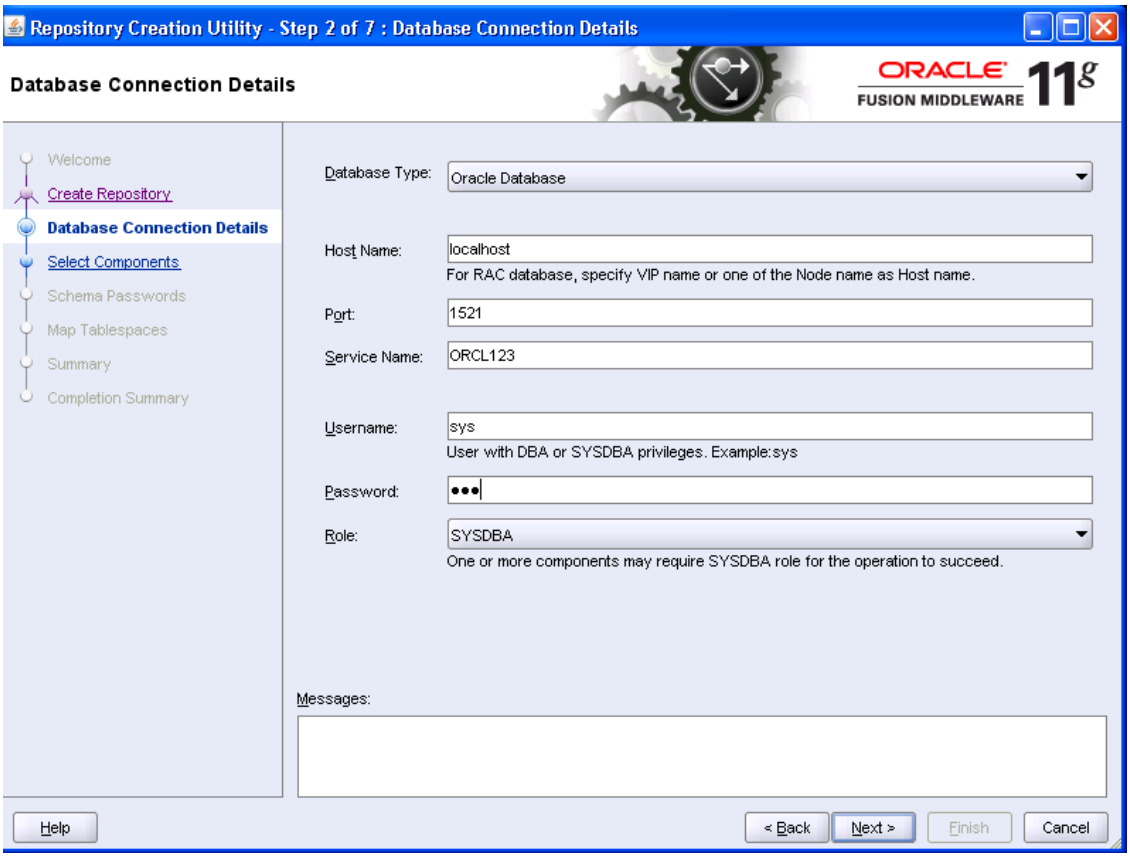


The Repository Creation Welcome Screen appears.

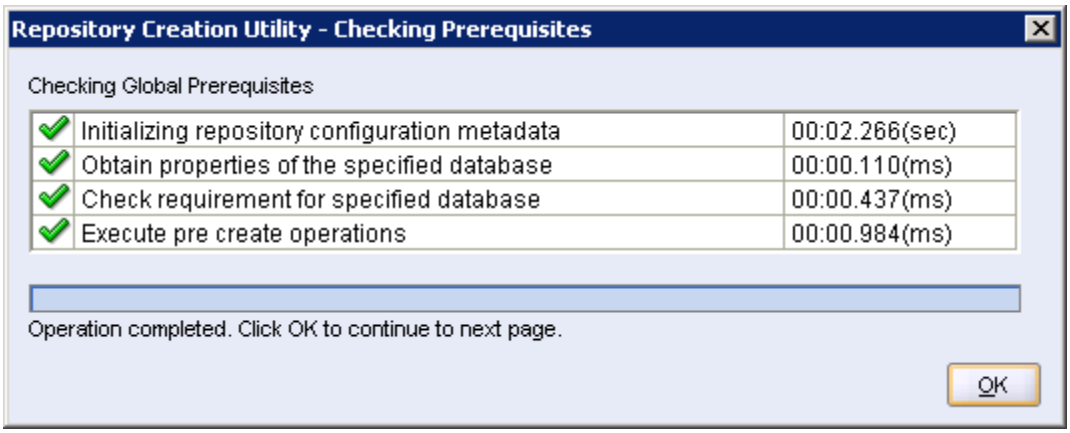


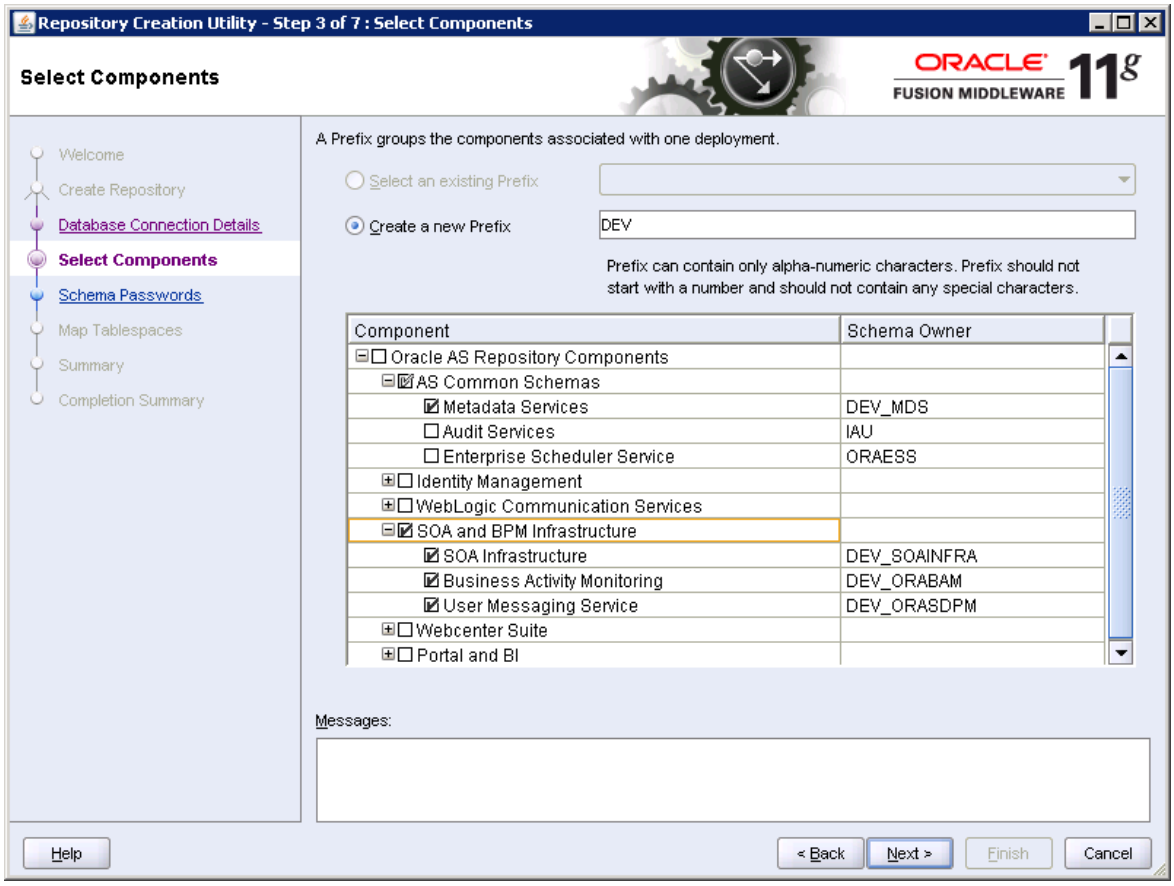
5. Select create, and then click ‘Next’..



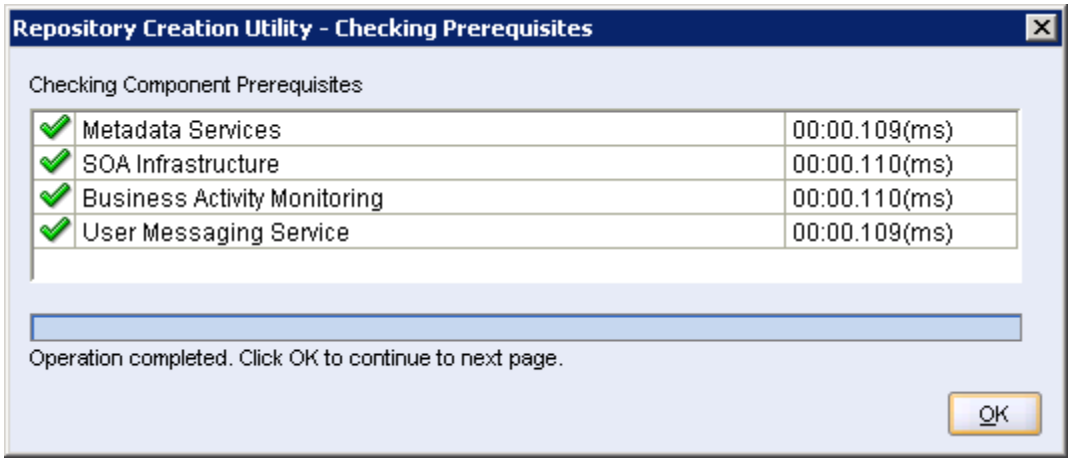


6. Provide oracle database connection properties
7. SYS credentials are required.

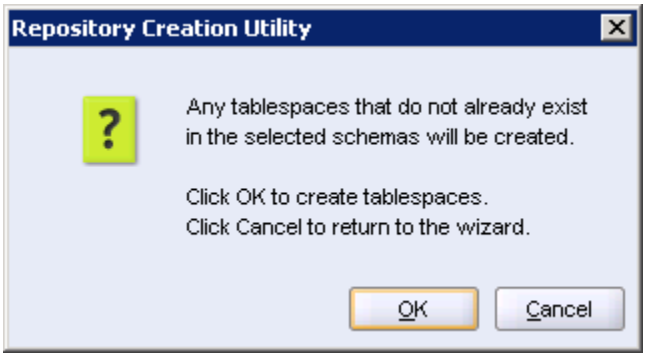


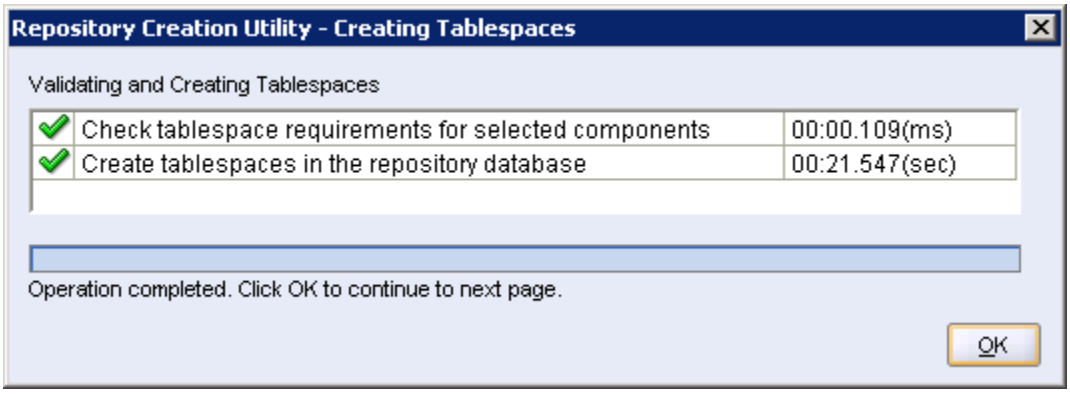


8. The prefix option is provided so that multiple soa schemas can be in the same instance.
9. Select Enterprise Content Management
   - DEV_OCS
   - DEV_OCSSEARCH
   - DEV_IPM

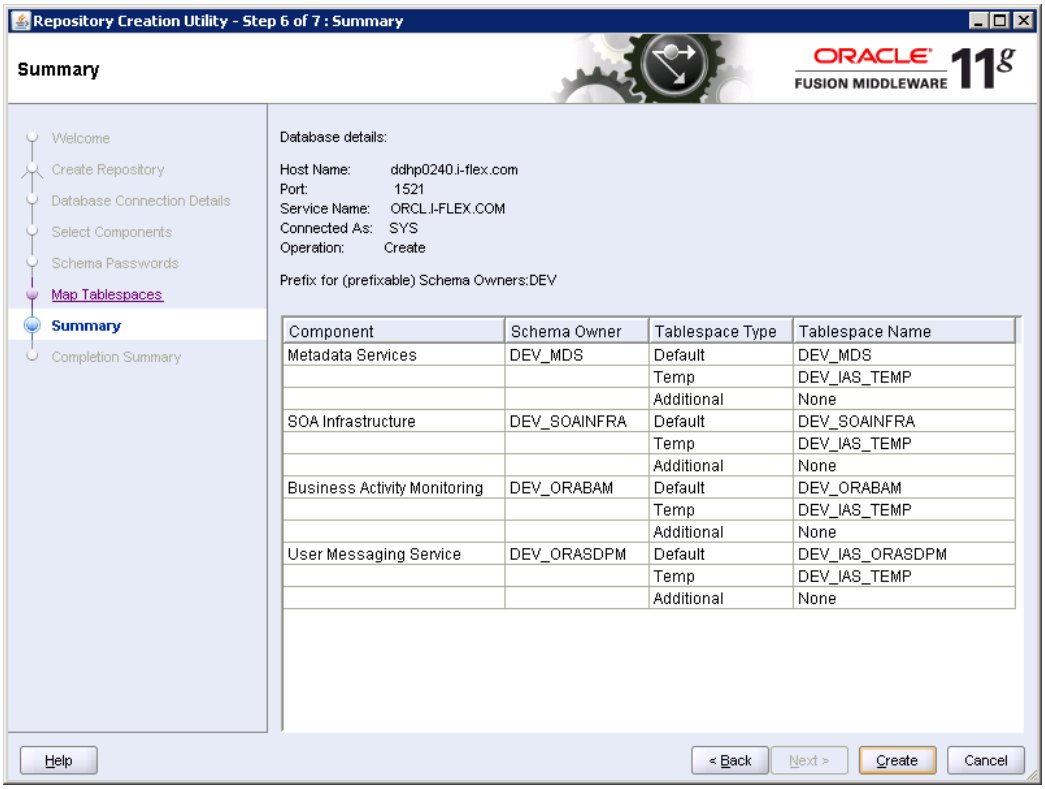


10. Please make a note of the password / passwords being used.

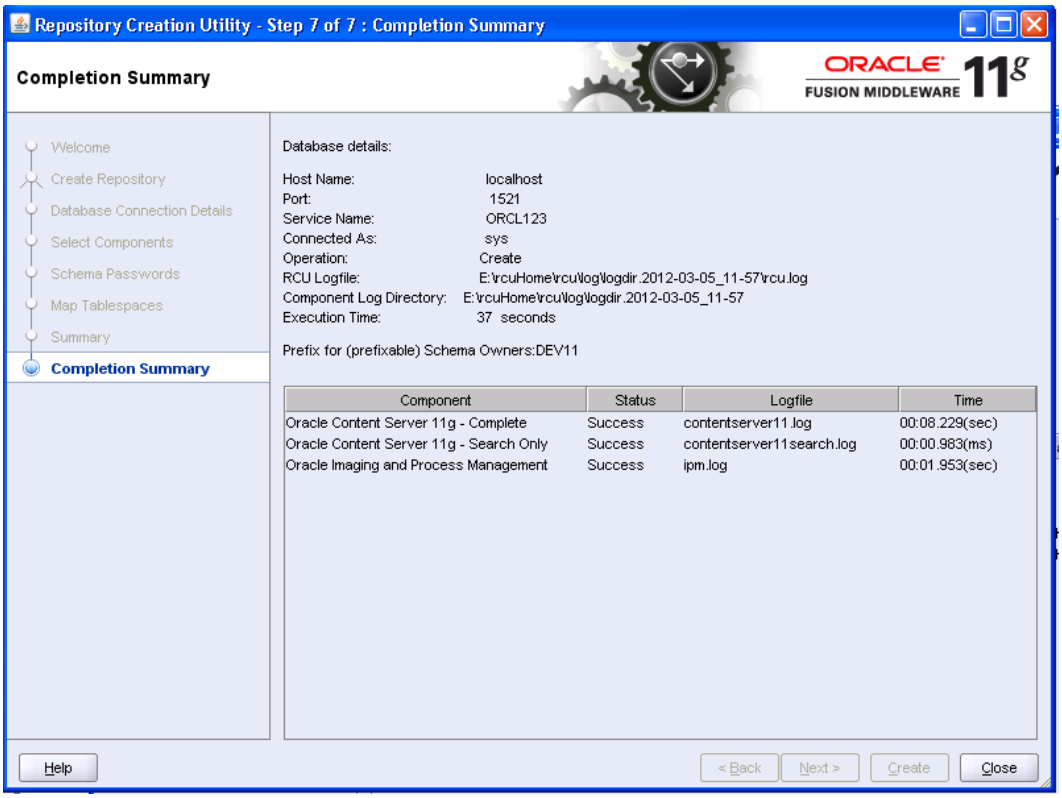




11. Tablespaces creation.


Repository Creation Utility - Step 6 of 7 : Summary
Summary
ORACLE
FUSION MIDDLEWARE 11g
Welcome
Create Repository
Database Connection Details
Select Components
Schema Passwords
Map Tablespaces
Summary
Completion Summary
Database details:
Host Name: ddhp0240.i-flex.com
Port: 1521
Service Name: ORCL.I-FLEX.COM
Connected As: SYS
Operation: Create
Prefix for (prefixable) Schema Owners:DEV
Component | Schema Owner | Tablespace Type | Tablespace Name
Metadata Services | DEV_MDS | Default | DEV_MDS
Temp | DEV_IAS_TEMP
Additional | None
SOA Infrastructure | DEV_SOAINFRA | Default | DEV_SOAINFRA
Temp | DEV_IAS_TEMP
Additional | None
Business Activity Monitoring | DEV_ORABAM | Default | DEV_ORABAM
Temp | DEV_IAS_TEMP
Additional | None
User Messaging Service | DEV_ORASDPM | Default | DEV_IAS_ORASDPM
Temp | DEV_IAS_TEMP
Additional | None
Help
< Back
Next >
Create
Cancel

12. Summary.



13. Completion Summary.

3. UCM Server Setup

1. Download Oracle Webcenter Content 11*g*R1(Version: 11.1.1.5.0),formerly known as (Oracle Enterprise Content Management) from

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

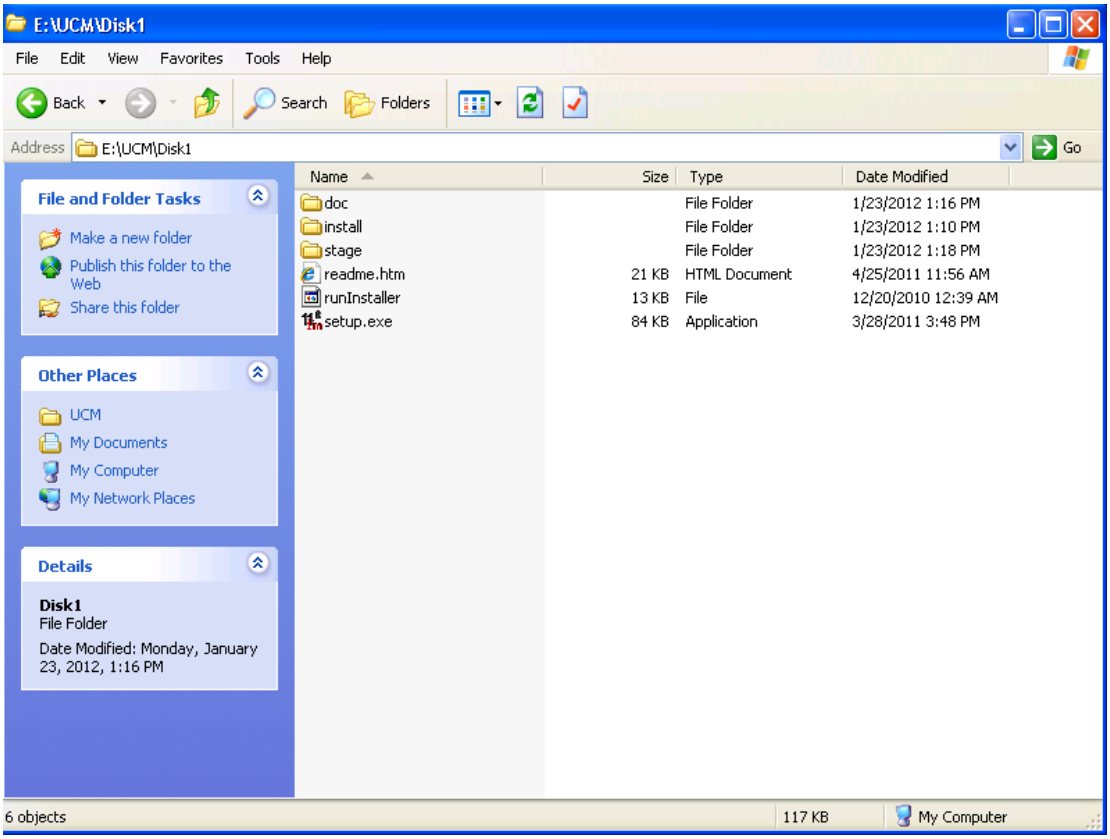
2. At the right top corner there is a search box, where searching for string <11.1.1.5>
3. Search for <Enterprise Content> in the result page and found a zip which is downloadable.
4. Download Enterprise Content Management

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

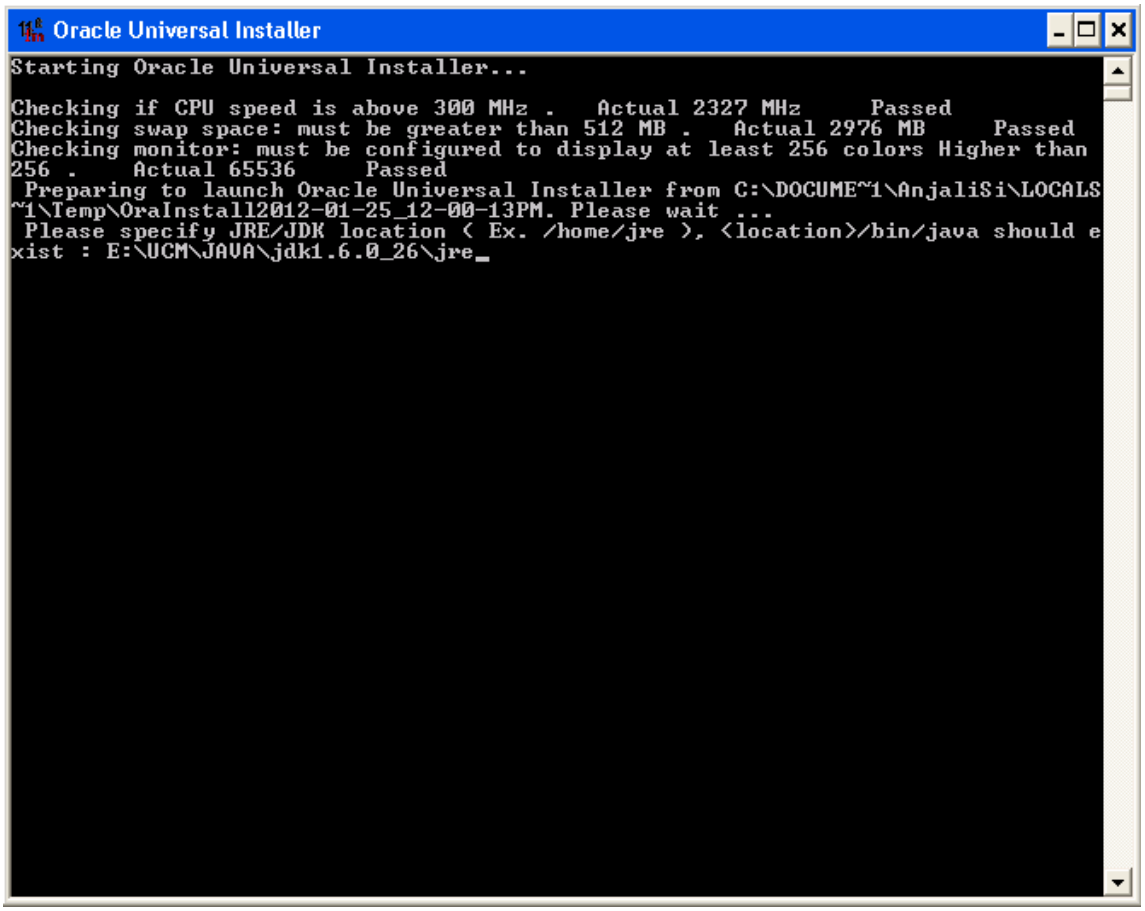
Oracle Enterprise Content Management 11g (11.1.1.5.0) (zip file 2 of 2)

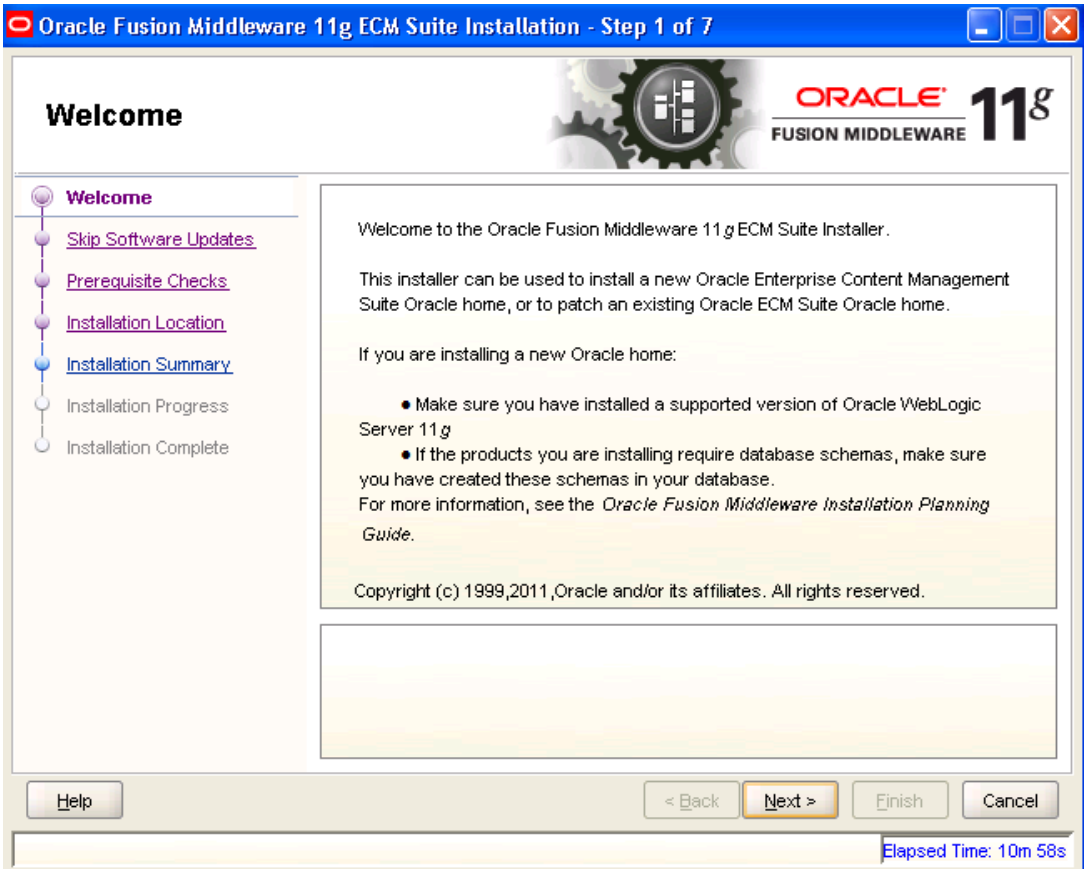
which provides a FTP download and select FTP server to download.

5. Extract all the files and Install them on the server machine.

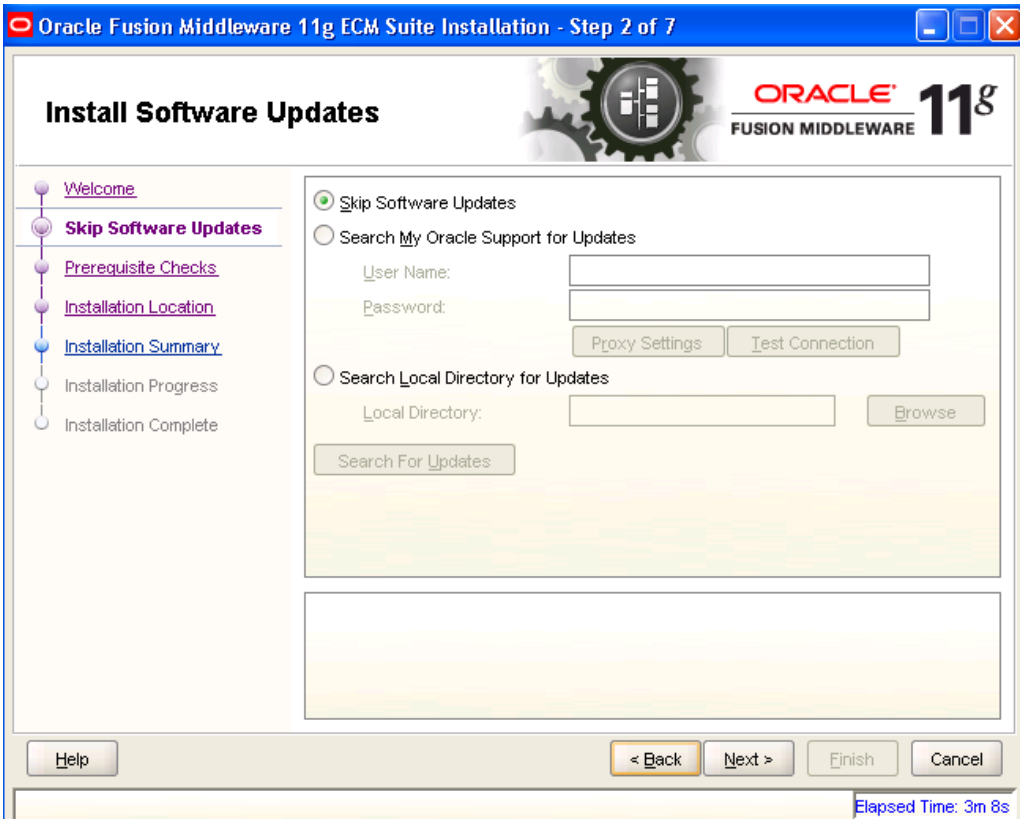


6. Click on Setup.exe available in Disk1. It will ask you for a JRE location. Specify the location as E:\UCM\JAVA\Jdk1.6.0.26\jre.

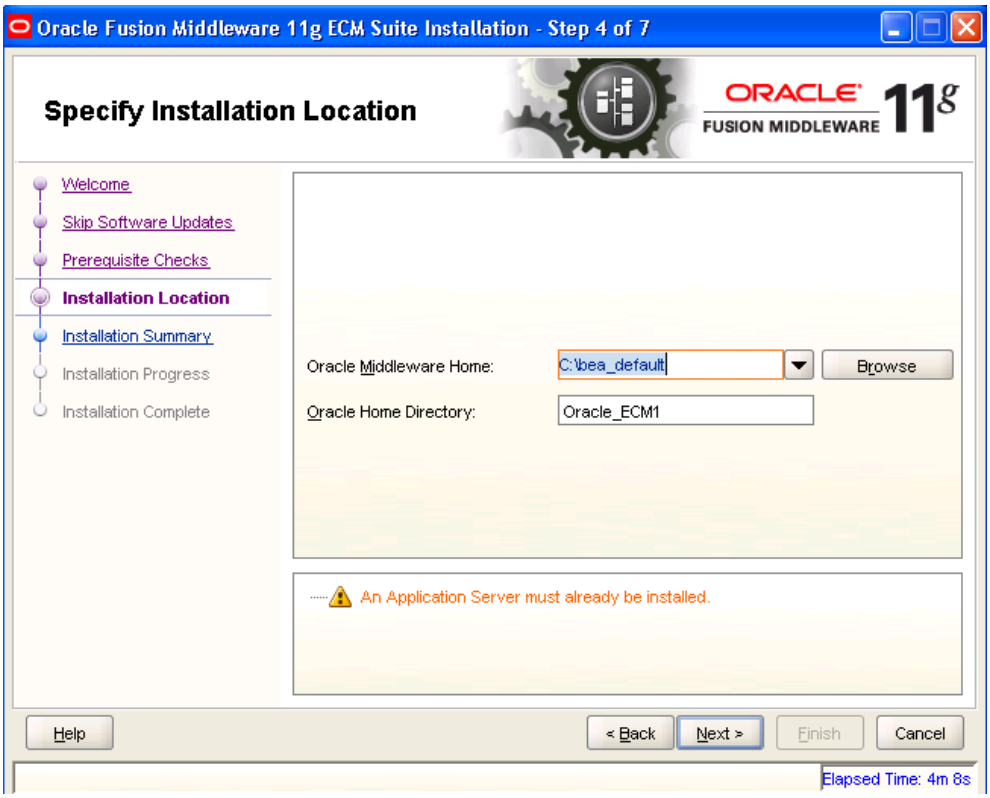




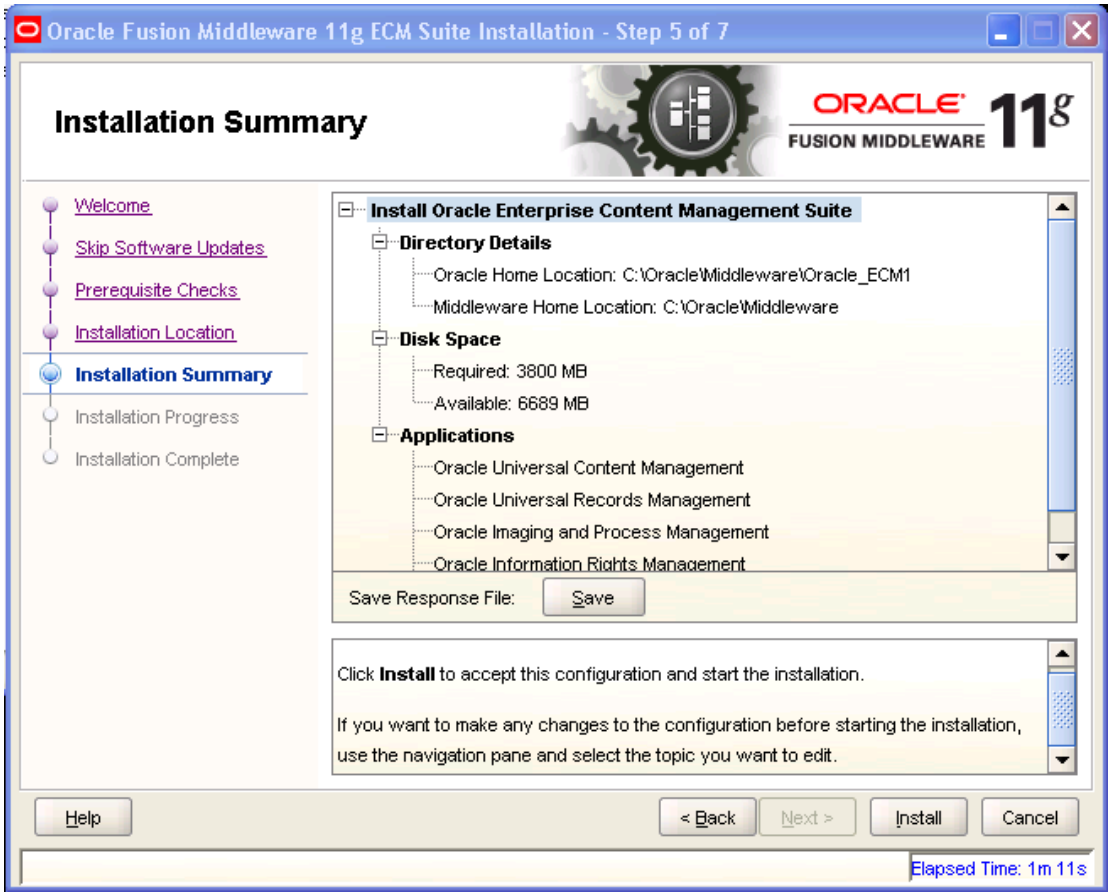
7. Click ‘Next’ to navigate to skip software updates



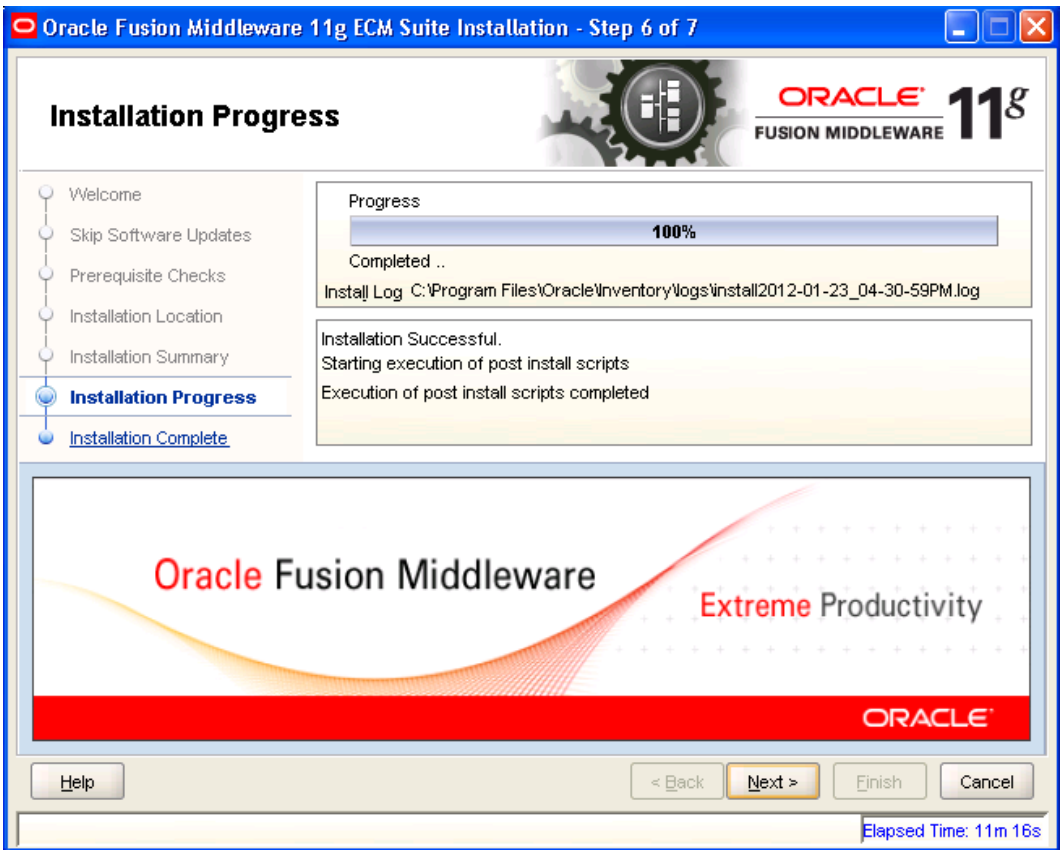
8. Click ‘Next’ to navigate to specify Installation Location.



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


Oracle Fusion Middleware 11g ECM Suite Installation - Step 6 of 7
Installation Progress
ORACLE
FUSION MIDDLEWARE 11g
Welcome
Skip Software Updates
Prerequisite Checks
Installation Location
Installation Summary
Installation Progress
Installation Complete
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
Oracle Fusion Middleware
Extreme Productivity
ORACLE
Help
< Back
Next >
Finish
Cancel
Elapsed Time: 11m 16s

11. To verify the installation, Click on start, navigate to All programs and then to ECM 11g home.

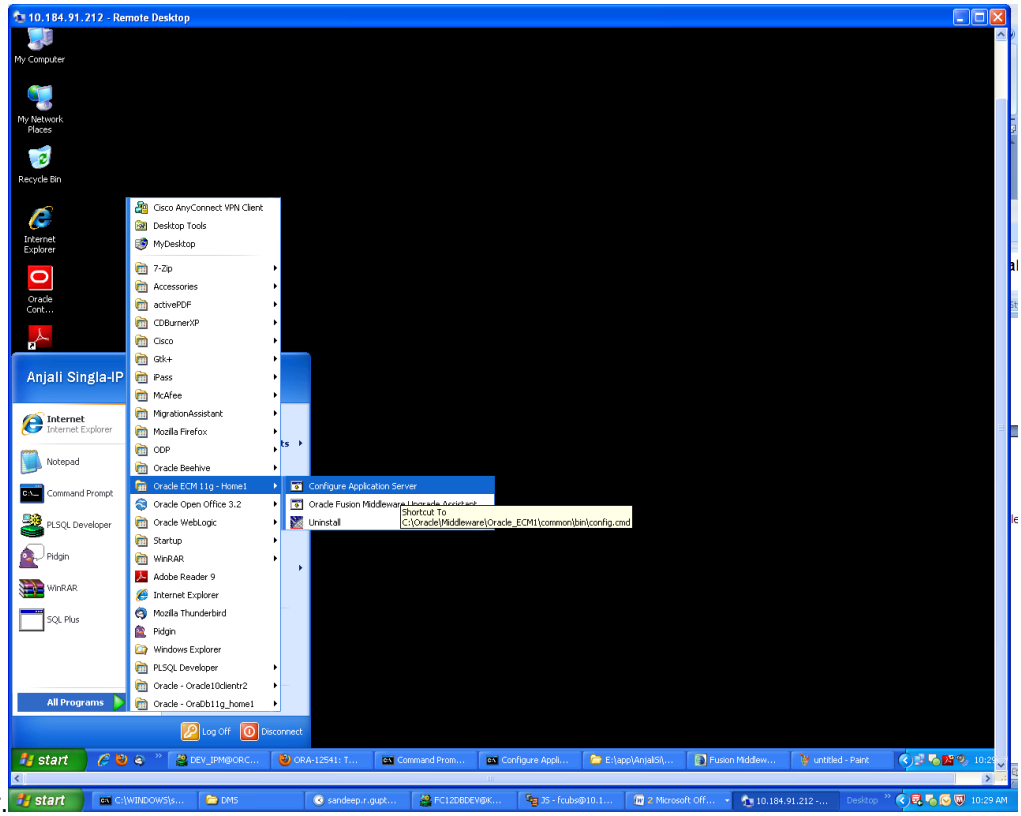
4. Configuring the ECM application server:

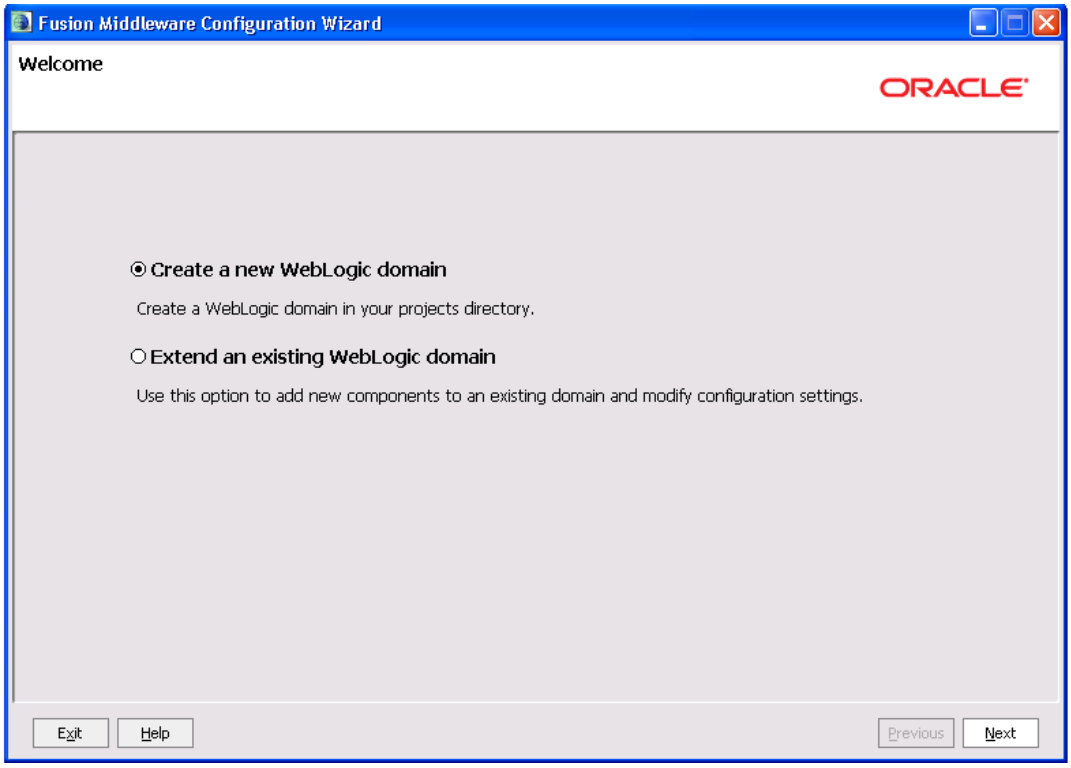
4.1 Introduction

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

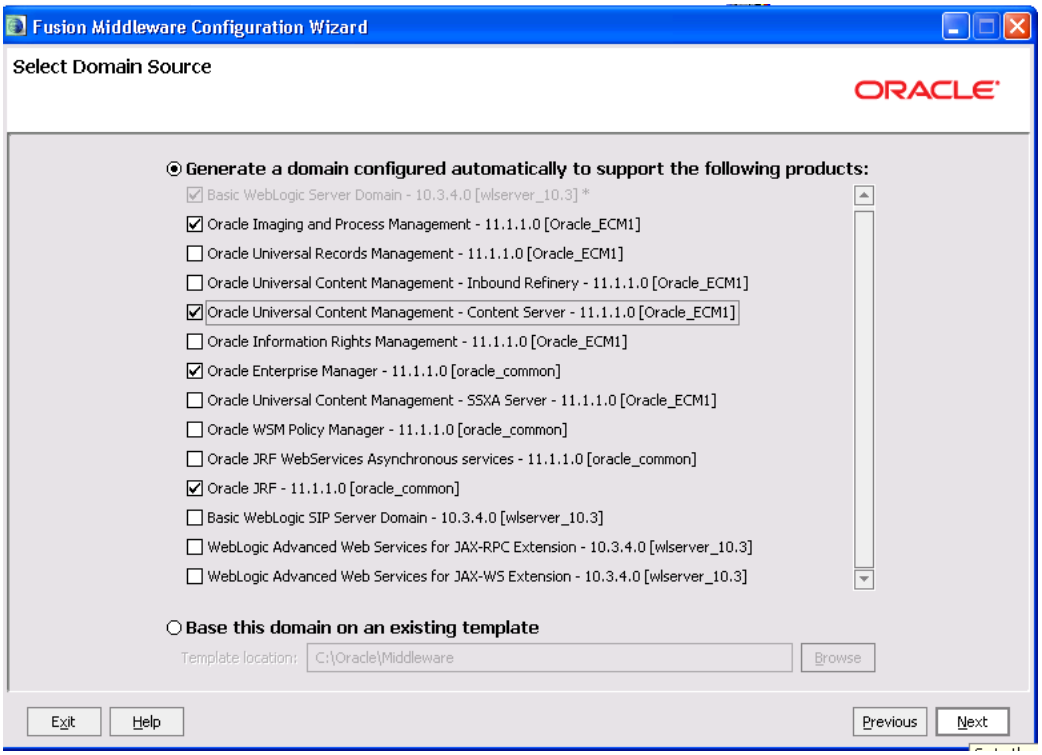
4.2 New Domain Configuration

1. Run Configure Application server.





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



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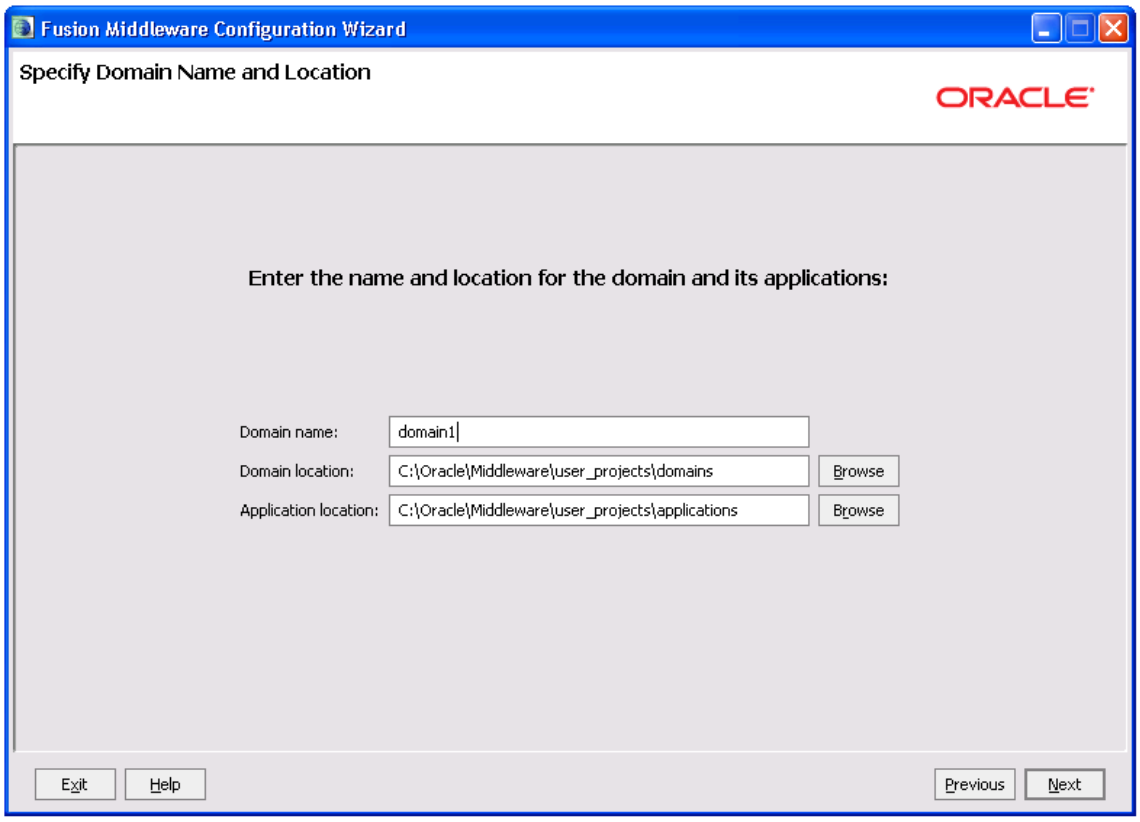
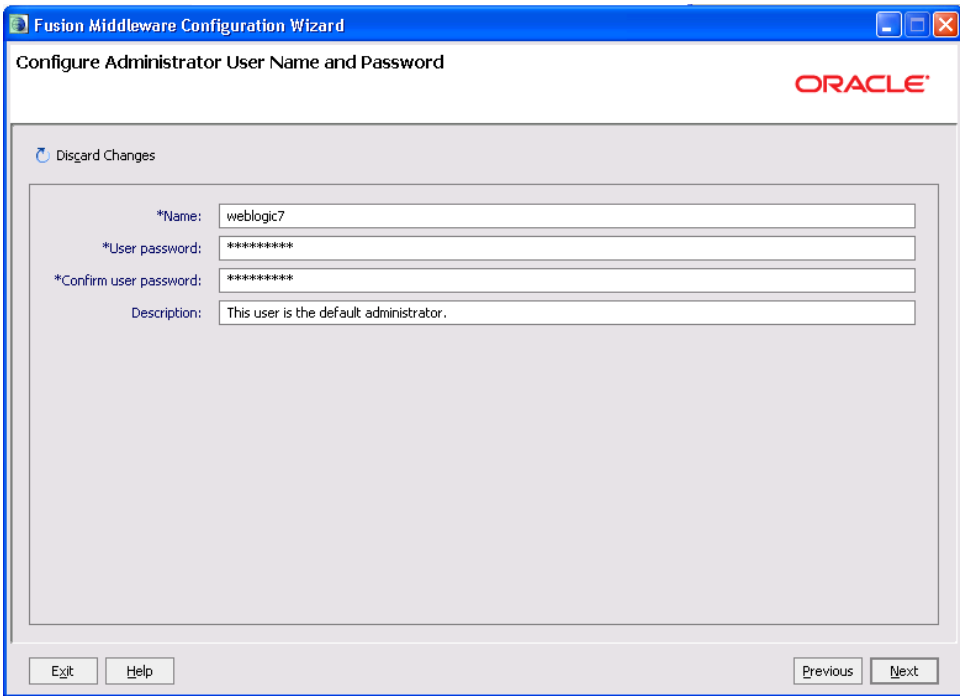
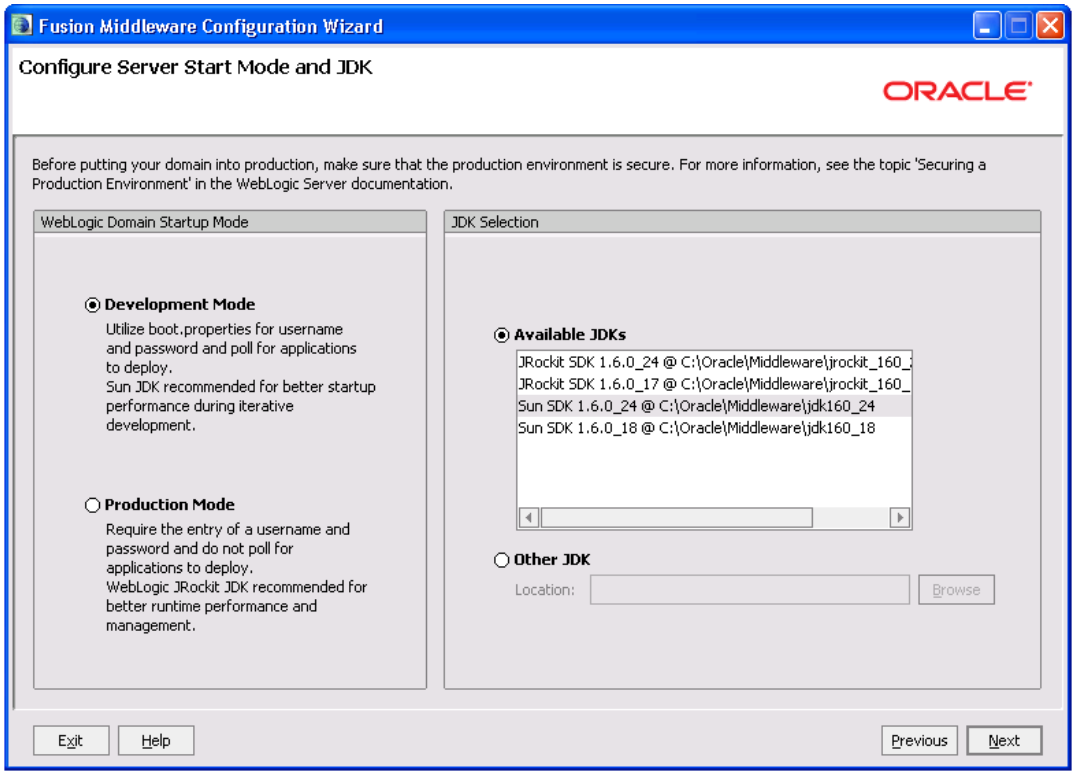
3. On selecting Oracle IPM and UCM (Content Server) it automatically selects Oracle Enterprise Manager and Oracle JRF.



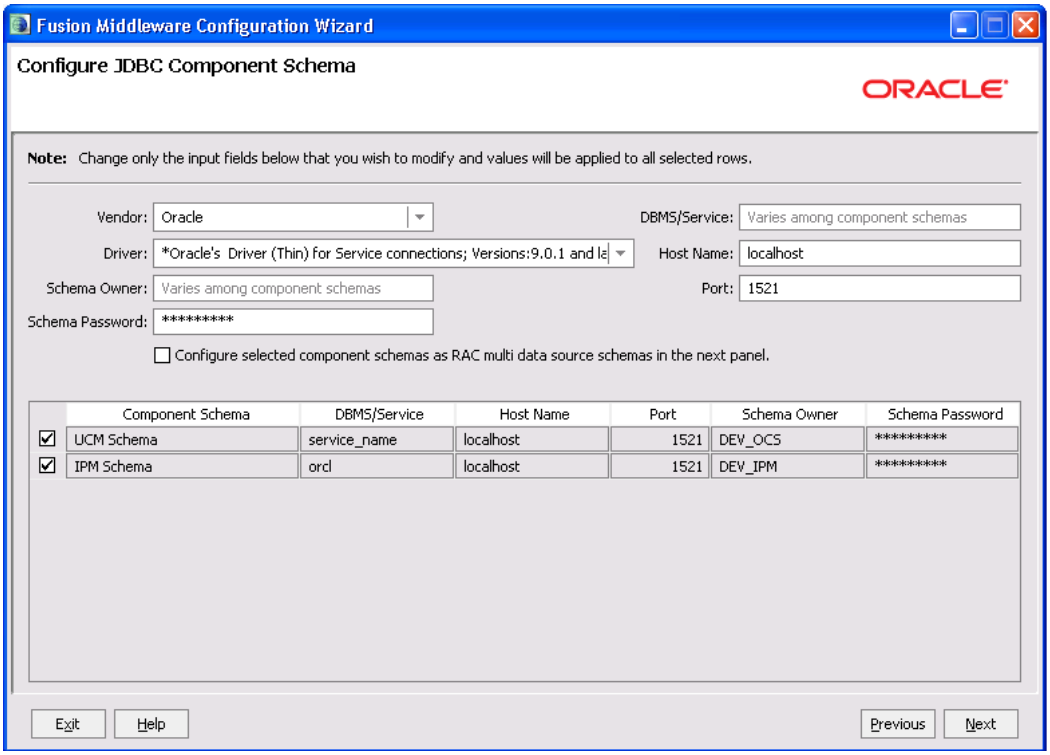


ORACLE

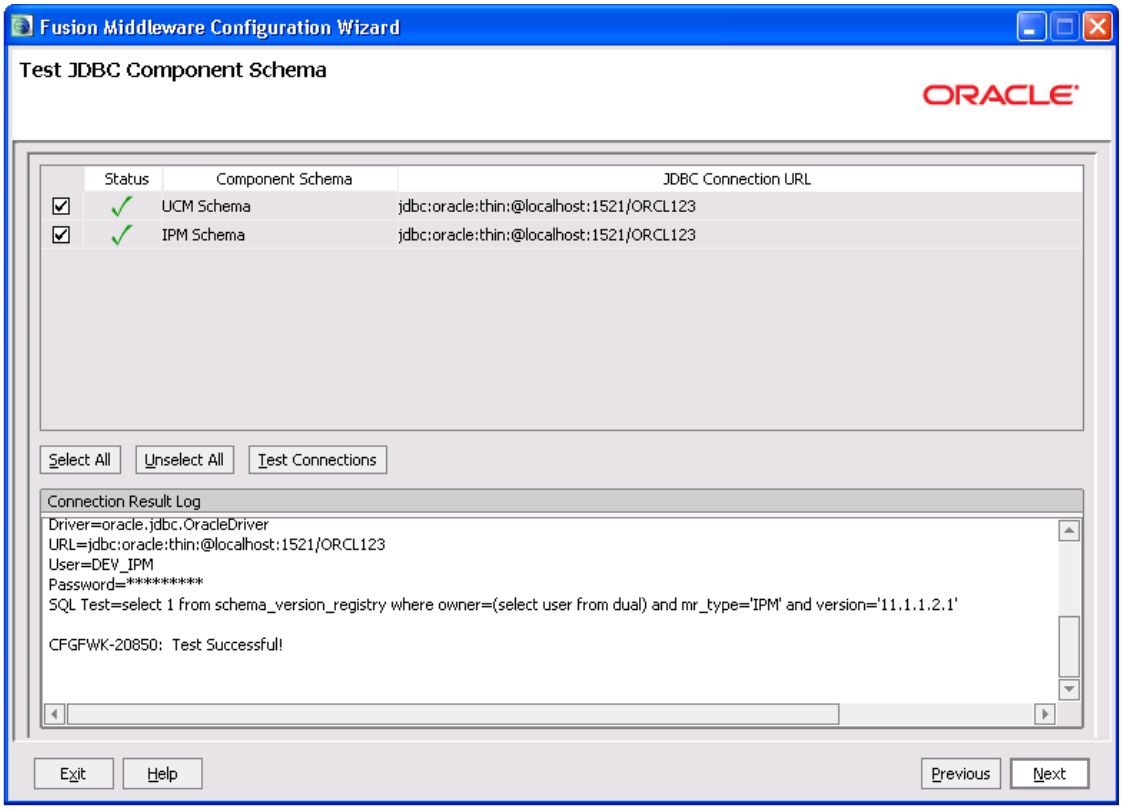
4. Configure Administrator user / password.



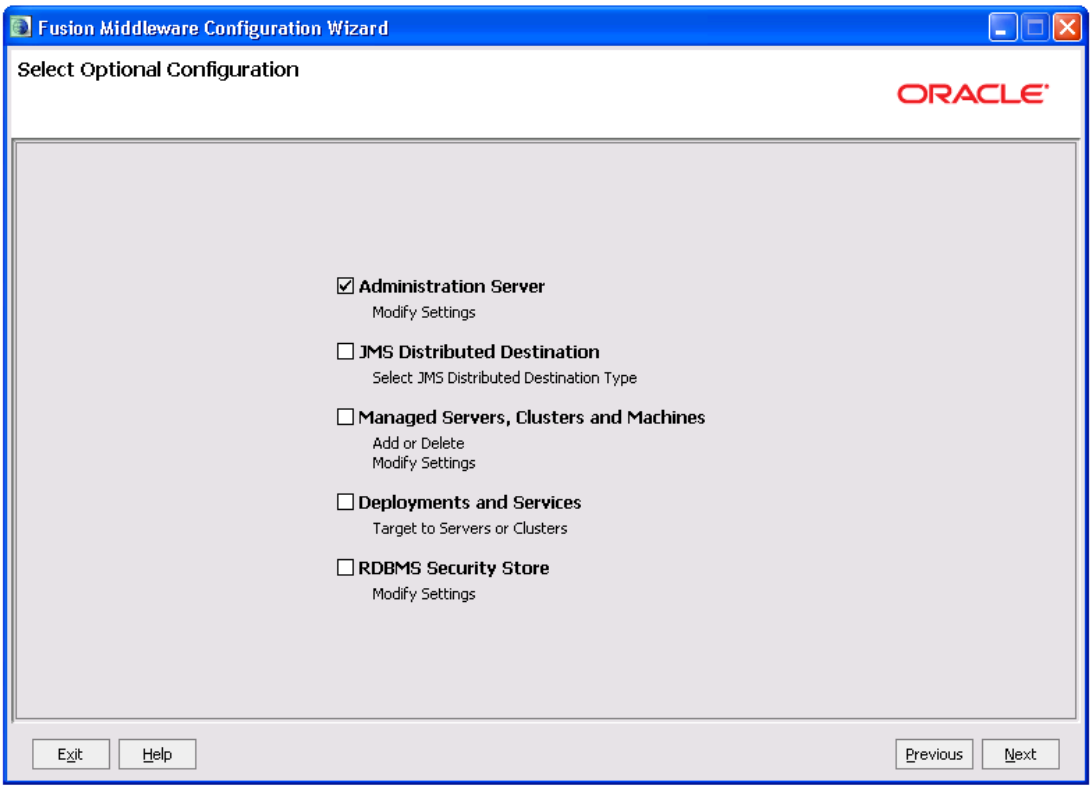
5. Select jdk depending on the startup mode.



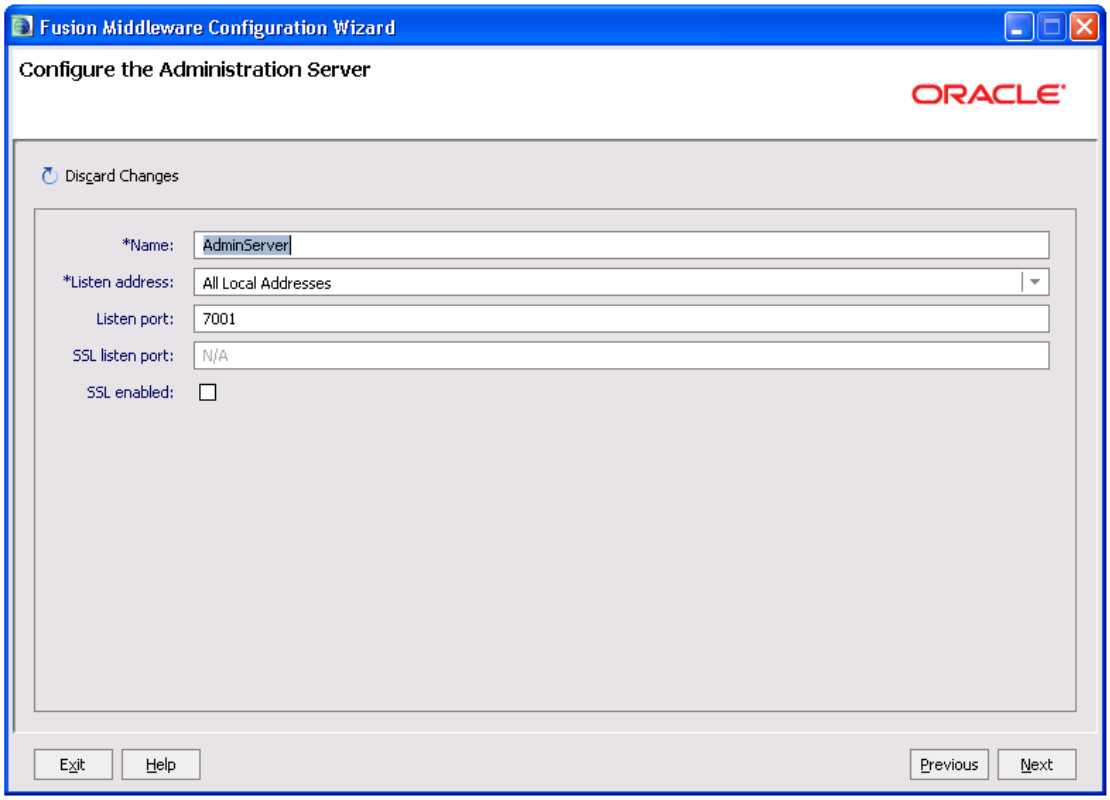
6. Provide the db parameters used during schema creation(RCU Utility)
7. Specify your hostname and schema password of both UCM and IPM schema. Also specify the correct DBMS/Service name.



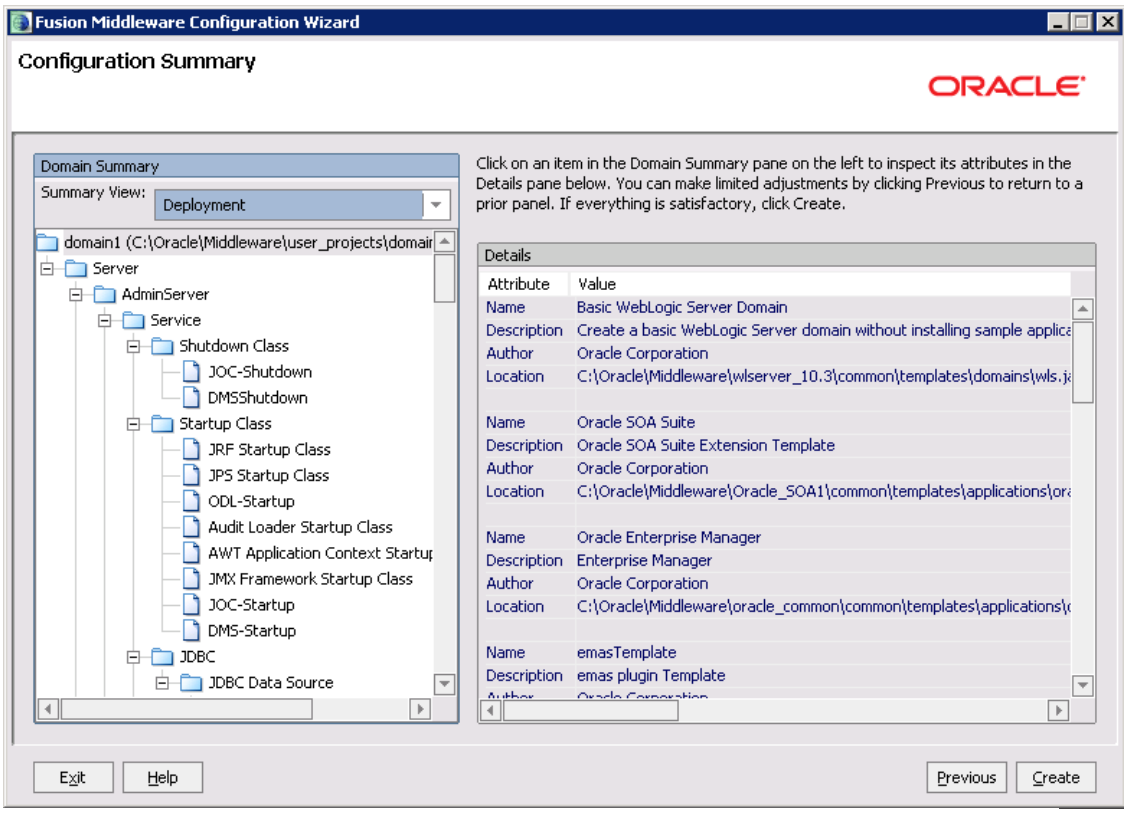
8. Test the database connectivity

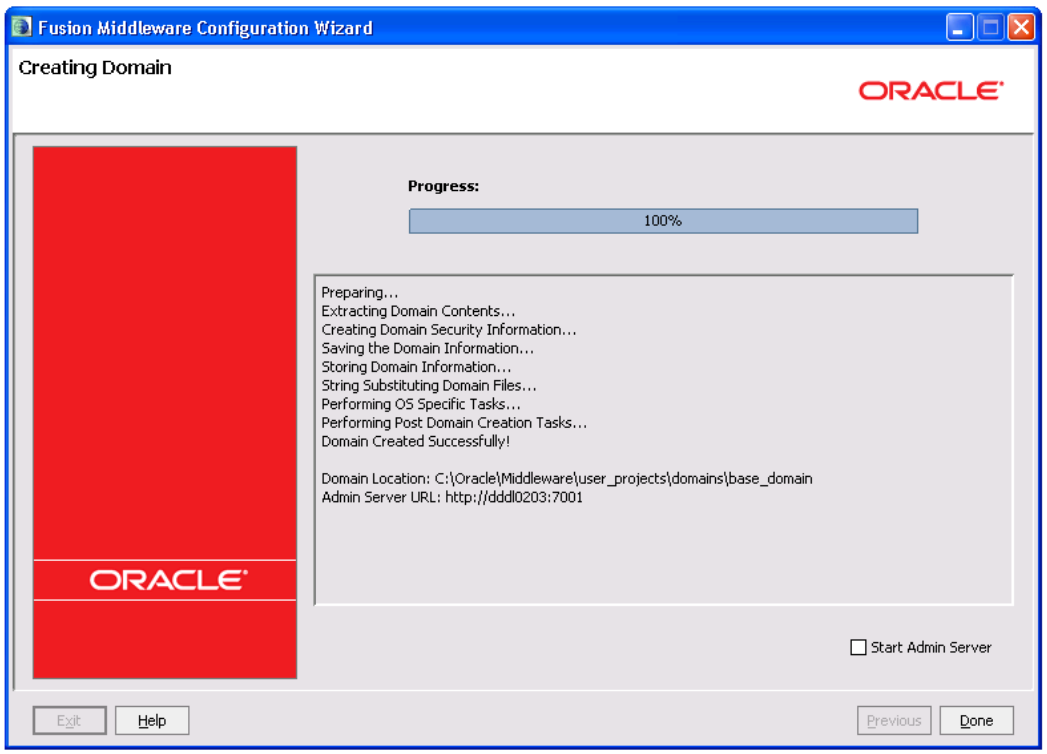


9. Select the Administration Server



10. Configure the admin server.


Fusion Middleware Configuration Wizard
Configuration Summary
ORACLE
Domain Summary
Summary View:
Deployment
domain1 (C:\Oracle\Middleware\user_projects\domain
Server
AdminServer
Service
Shutdown Class
JOC-Shutdown
DMSShutdown
Startup Class
JRF Startup Class
JPS Startup Class
ODL-Startup
Audit Loader Startup Class
AWT Application Context Startup
JMX Framework Startup Class
JOC-Startup
DMS-Startup
JDBC
JDBC Data Source
Click on an item in the Domain Summary pane on the left to inspect its 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 Create.
Details
Attribute
Value
Name
Basic WebLogic Server Domain
Description
Create a basic WebLogic Server domain without installing sample applica
Author
Oracle Corporation
Location
C:\Oracle\Middleware\wlserver_10.3\common\templates\domains\wls.j
Name
Oracle SOA Suite
Description
Oracle SOA Suite Extension Template
Author
Oracle Corporation
Location
C:\Oracle\Middleware\Oracle_SOA1\common\templates\applications\or
Name
Oracle Enterprise Manager
Description
Enterprise Manager
Author
Oracle Corporation
Location
C:\Oracle\Middleware\oracle_common\common\templates\applications\
Name
emasTemplate
Description
emas plugin Template
Exit
Help
Previous
Create


Fusion Middleware Configuration Wizard
Creating Domain
ORACLE
Progress:
100%
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 Location: C:\Oracle\Middleware\user_projects\domains\base_domain
Admin Server URL: http://dddl0203:7001
Start Admin Server
ORACLE
Exit
Help
Previous
Done

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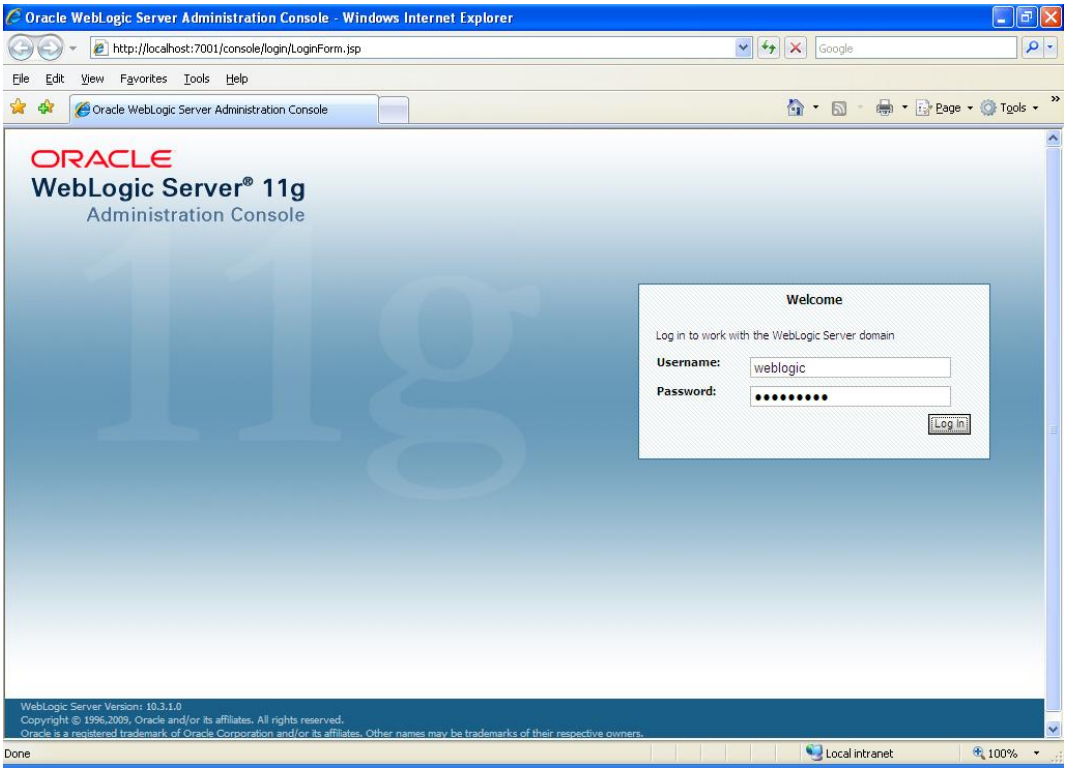
5. Checking the Deployment Summary

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 press Login.

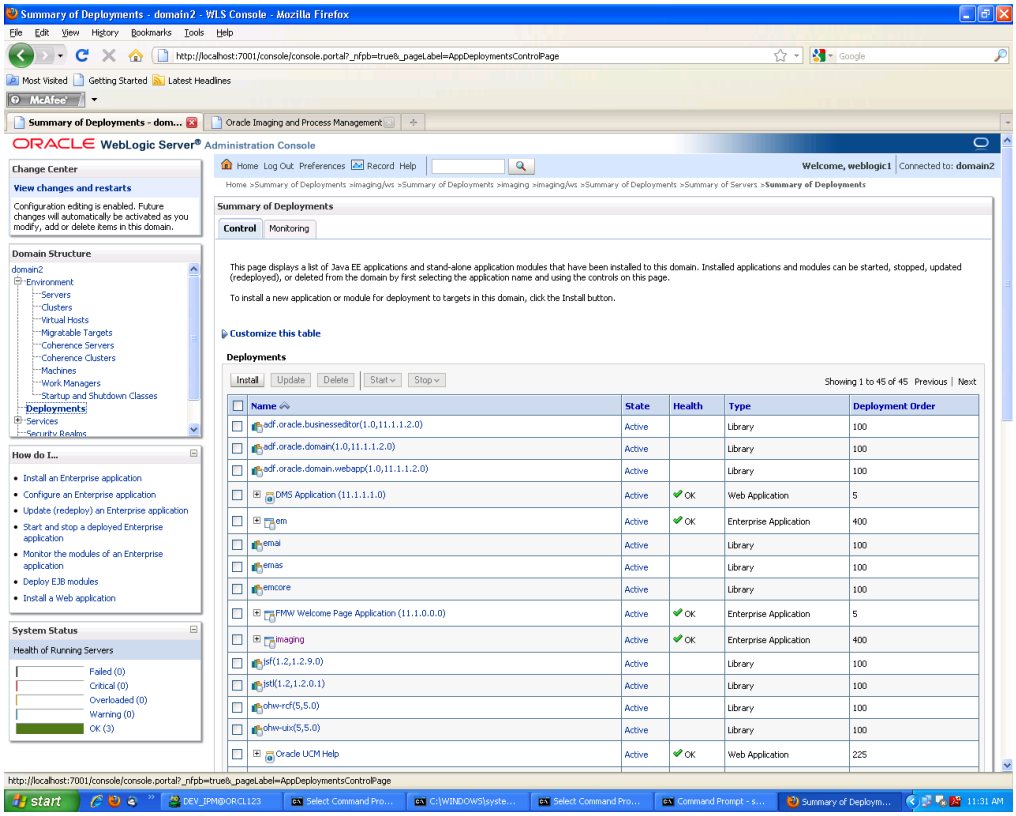


6. Click on deployments

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>



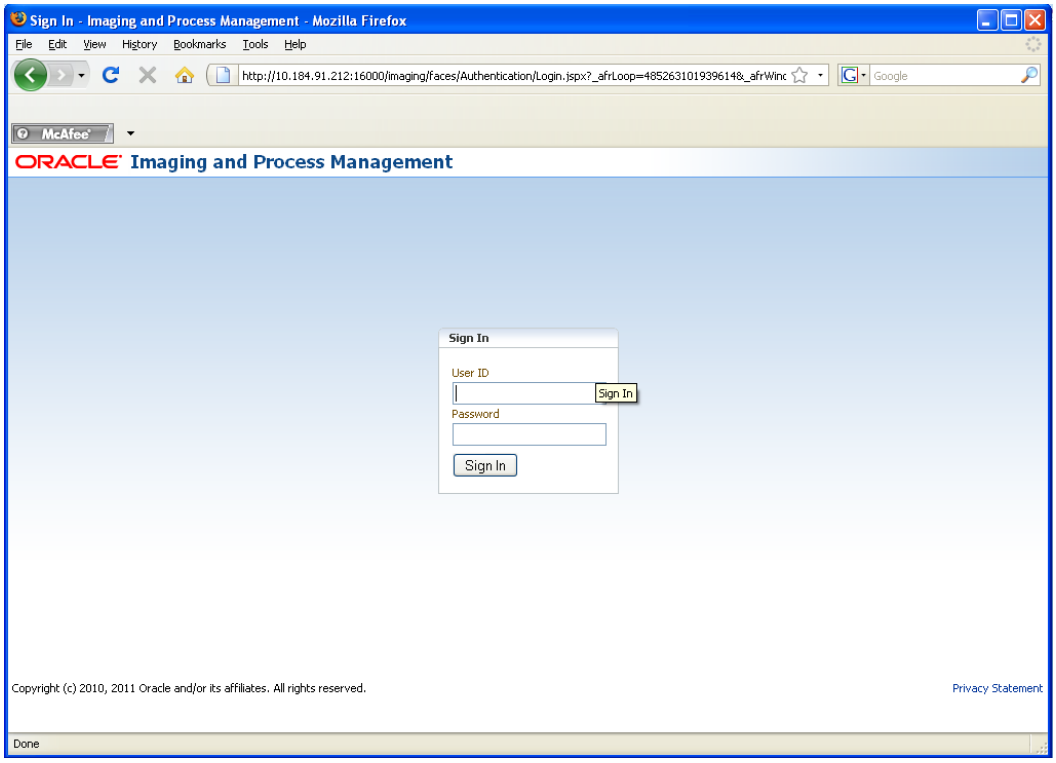
8. Imaging application should be up and running.

6. Creating FLEXCUBE Application

1. 1 .Open the Imaging application**:**

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

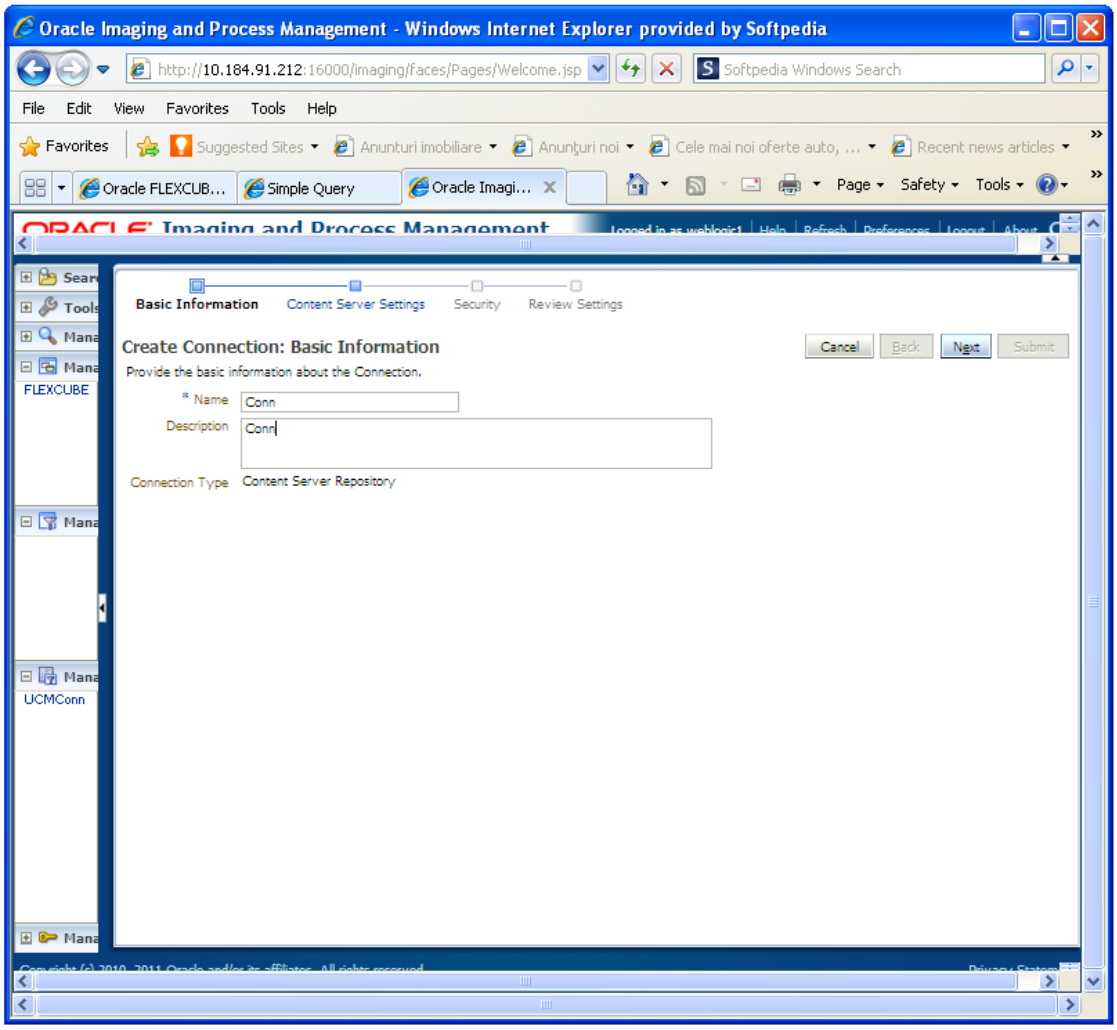
2. The following screen is displayed**:**

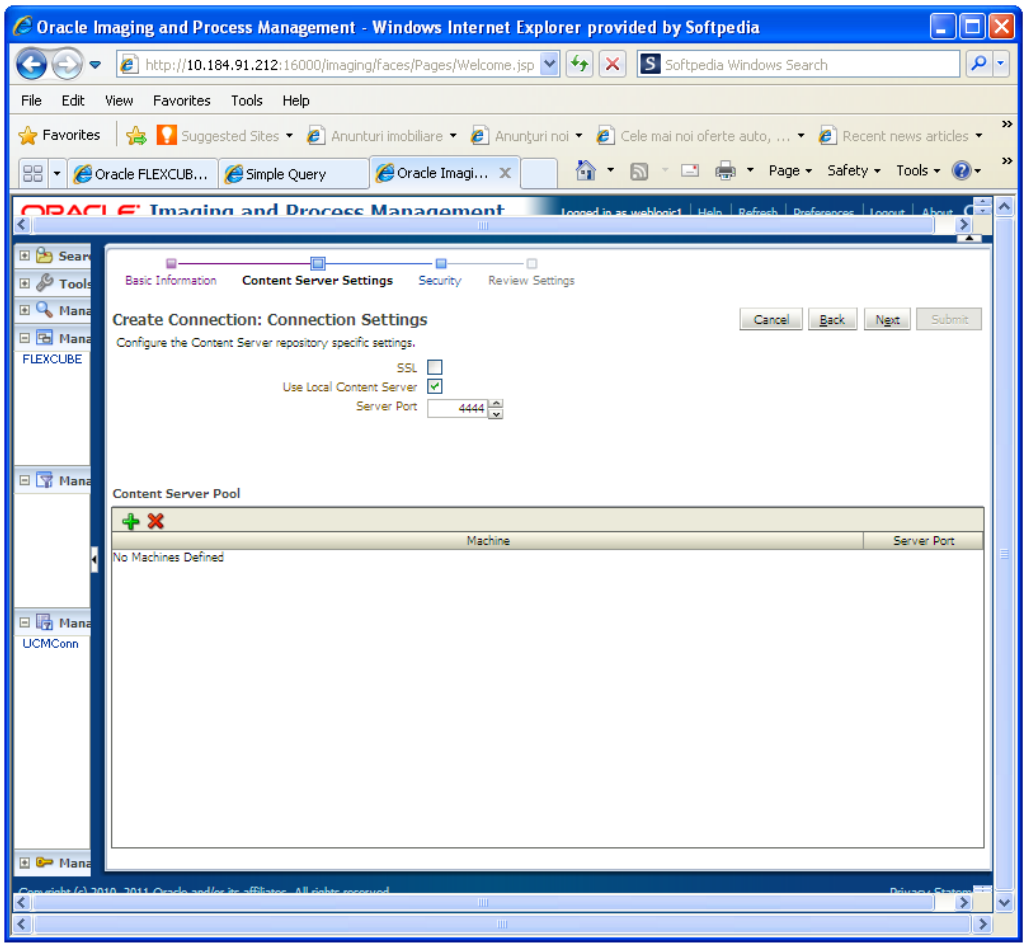


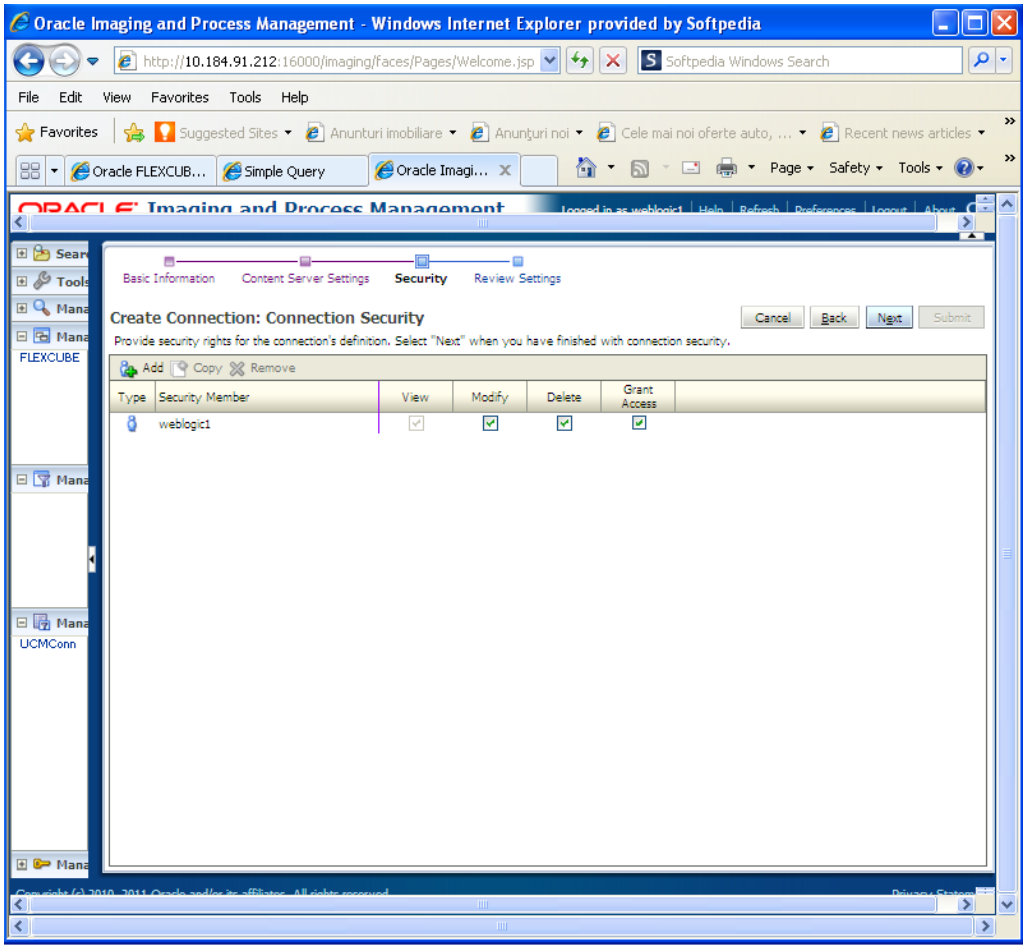
3. Login to imaging application.

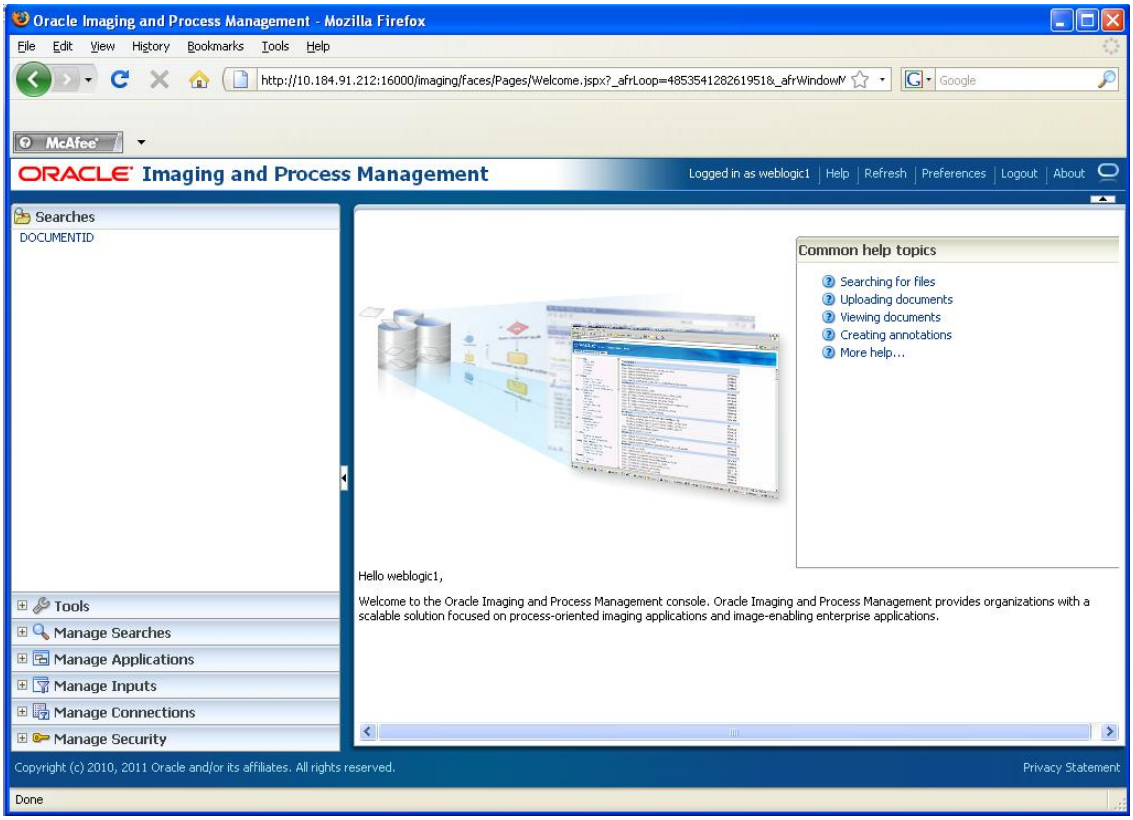
4. Enter username/password and press Login.

5. Click on Manage Connections
6. Click on Create Content Server Connection

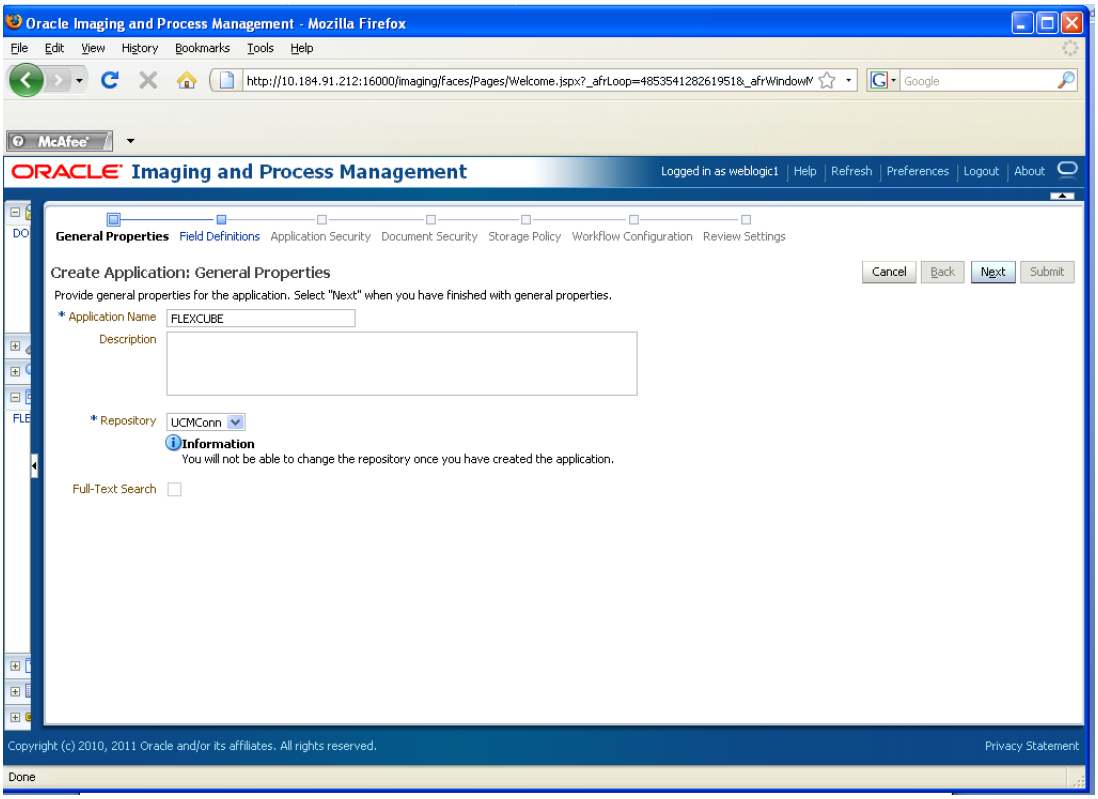



Oracle Imaging and Process Management - Windows Internet Explorer provided by Softpedia
http://10.184.91.212:16000/imaging/faces/Pages/Welcome.jsp
Softpedia Windows Search
File Edit View Favorites Tools Help
Favorites
Suggested Sites
Anunturi imobiliare
Anunturi noi
Cele mai noi oferte auto, ...
Recent news articles
Oracle FLEXCUB...
Simple Query
Oracle Imagi...
Page
Safety
Tools
Imaging and Process Management
Basic Information
Content Server Settings
Security
Review Settings
Create Connection: Connection Settings
Configure the Content Server repository specific settings.
Cancel
Back
Next
Submit
SSL
Use Local Content Server
Server Port
4444
Content Server Pool
Machine
Server Port
No Machines Defined
FLEXCUBE
UCMConn

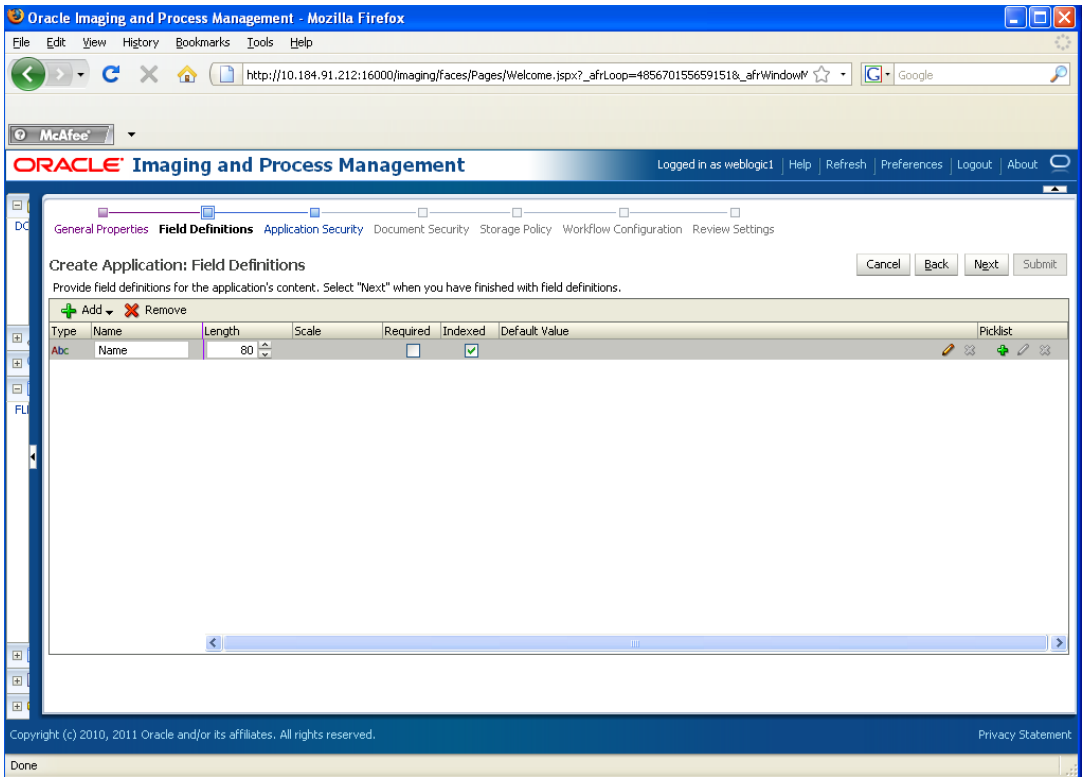

Oracle Imaging and Process Management - Windows Internet Explorer provided by Softpedia
http://10.184.91.212:16000/imaging/faces/Pages/Welcome.jsp
Softpedia Windows Search
File Edit View Favorites Tools Help
Favorites
Suggested Sites
Anunturi imobiliare
Anunturi noi
Cele mai noi oferte auto, ...
Recent news articles
Oracle FLEXCUB...
Simple Query
Oracle Imagi...
Page
Safety
Tools
Imaging and Process Management
Basic Information
Content Server Settings
Security
Review Settings
Create Connection: Connection Security
Cancel
Back
Next
Submit
Provide security rights for the connection's definition. Select "Next" when you have finished with connection security.
Add
Copy
Remove
Type
Security Member
View
Modify
Delete
Grant Access
weblogic1
FLEXCUBE
UCMConn

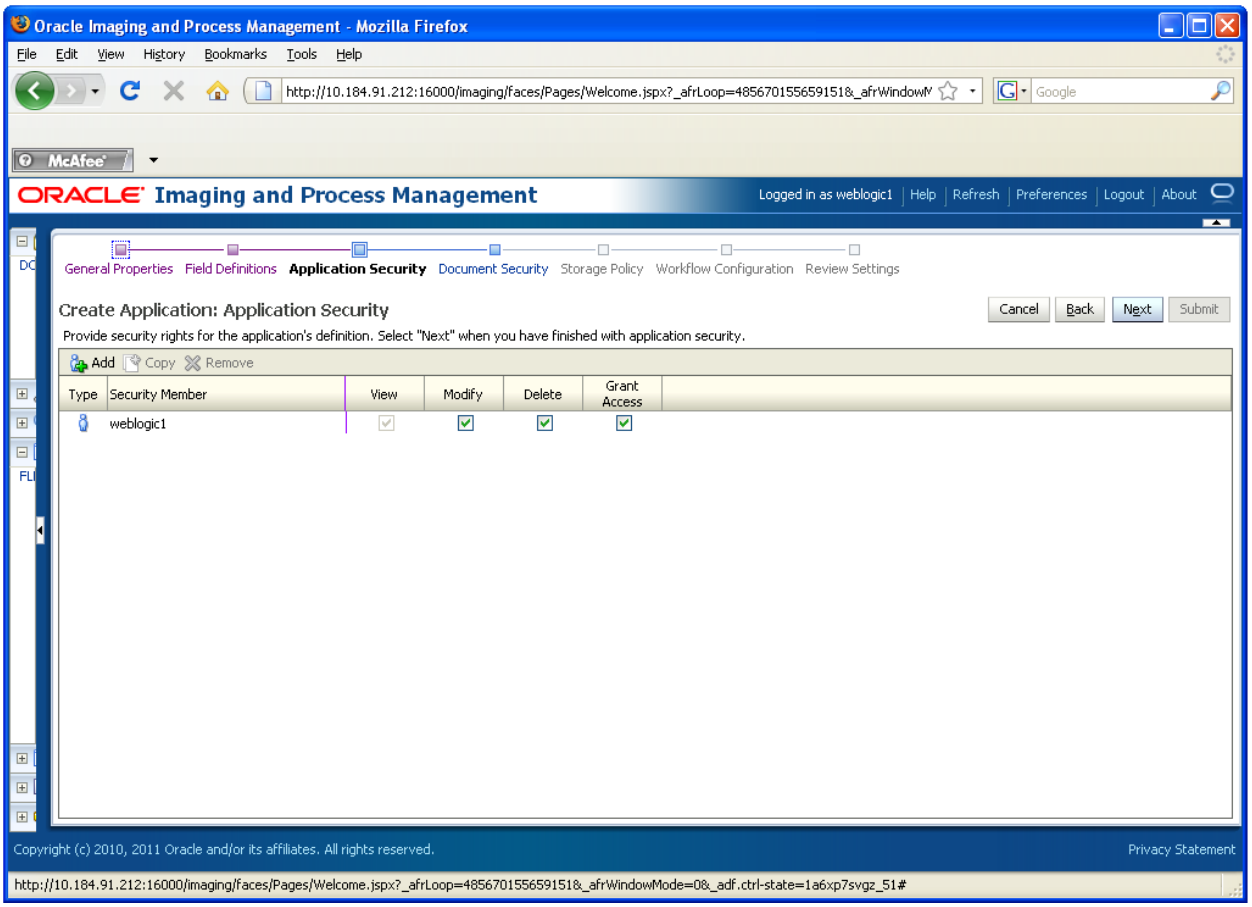


7. Click on Manage Applications
8. Click on add application

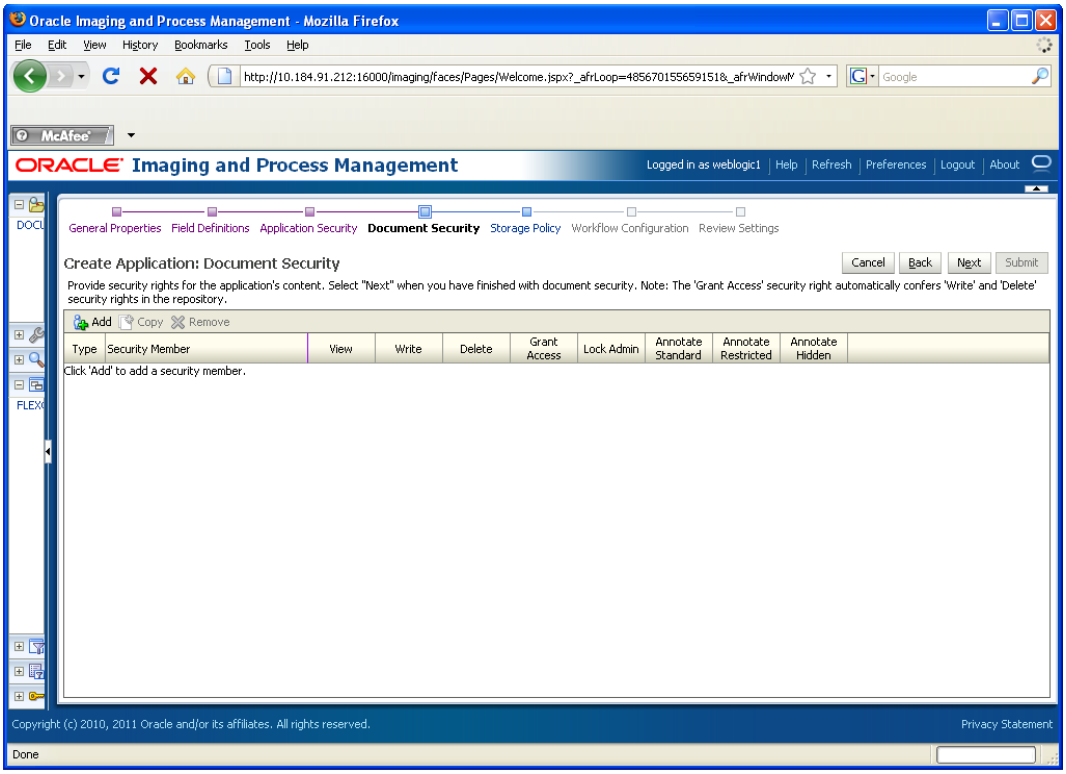


9. Click on next and add a field Name as Name

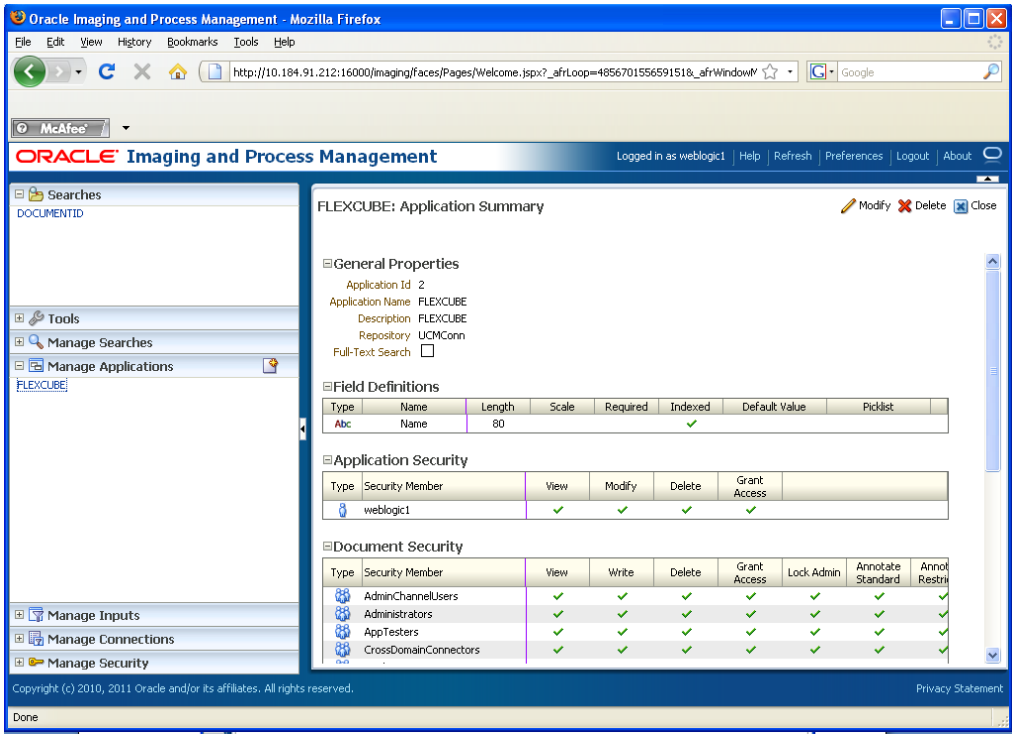




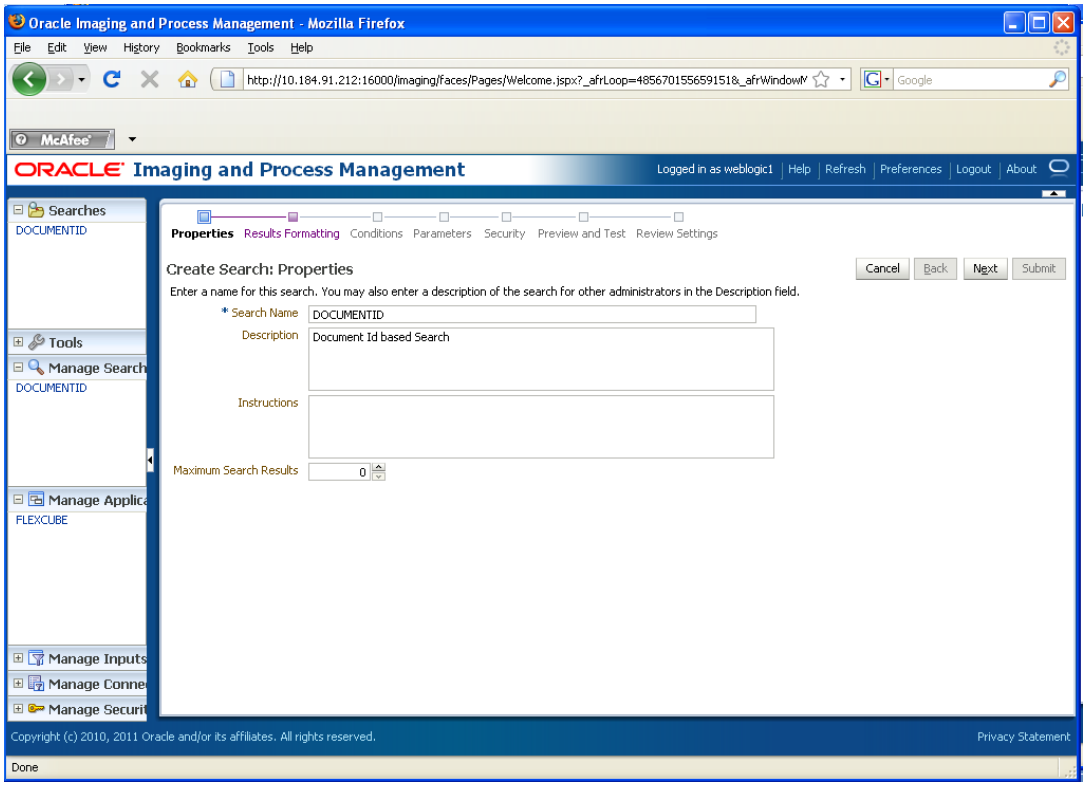
10. Click on next



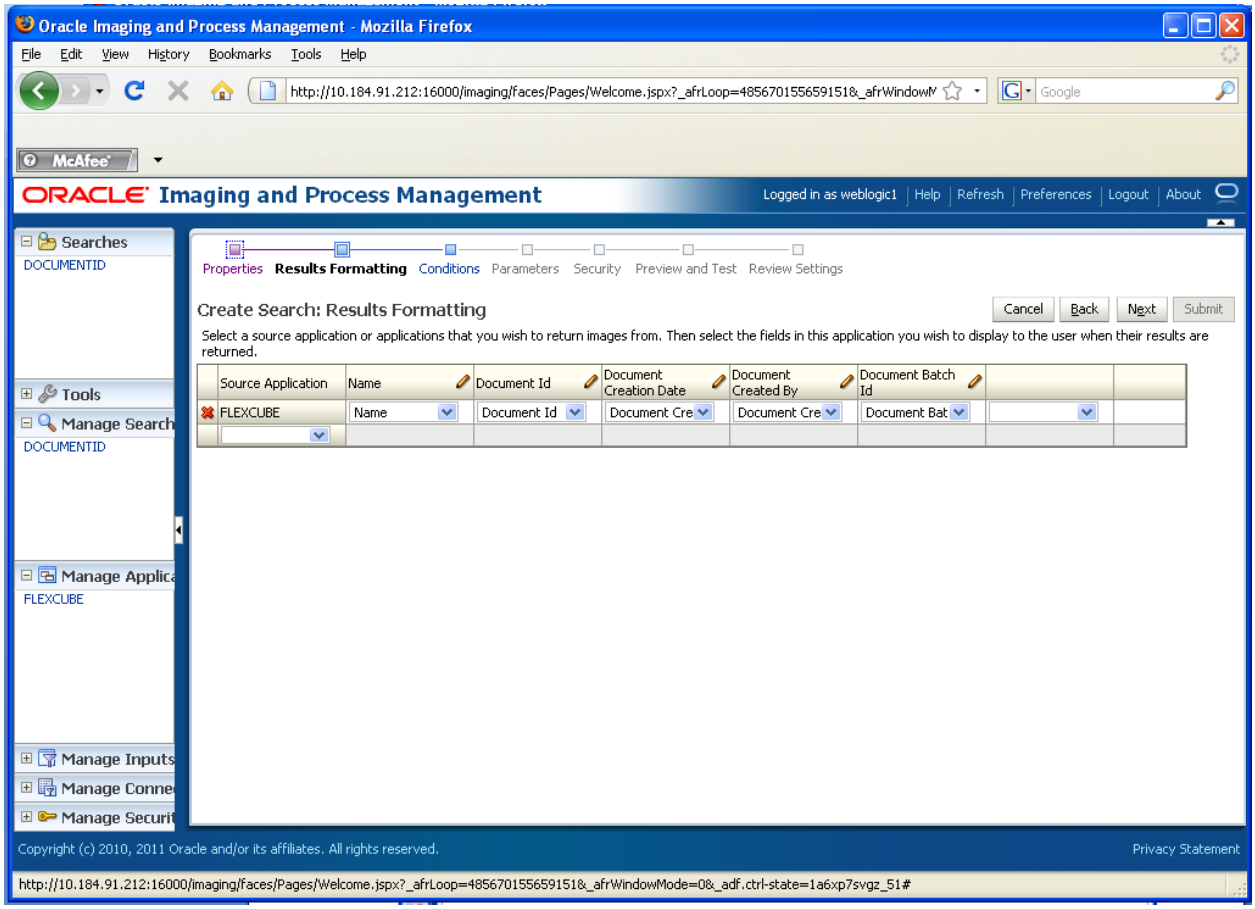
11. Add securtity member giving all rights
12. Click on next .
13. Application Summary appears as:



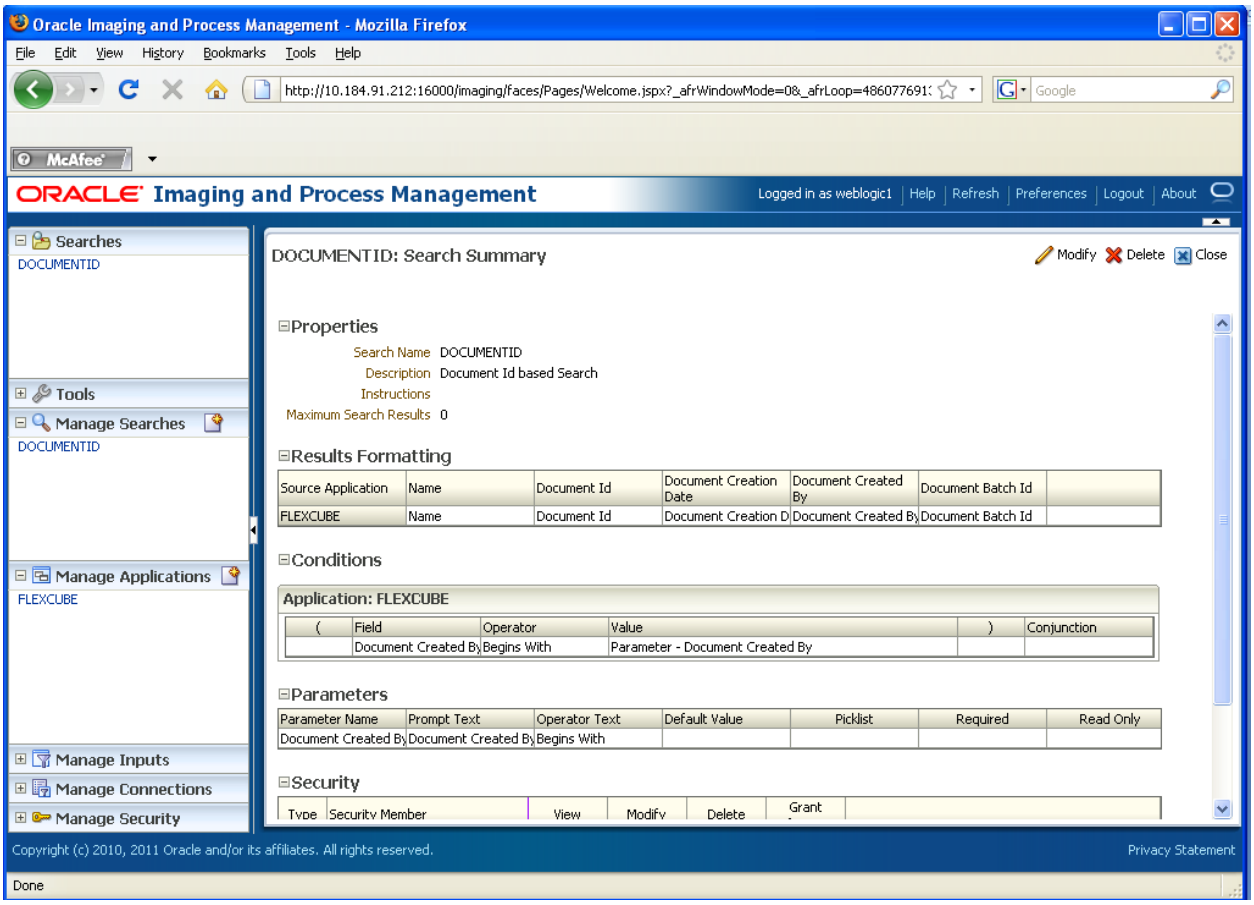
14. Click on Manage search and add a search for documentID as :



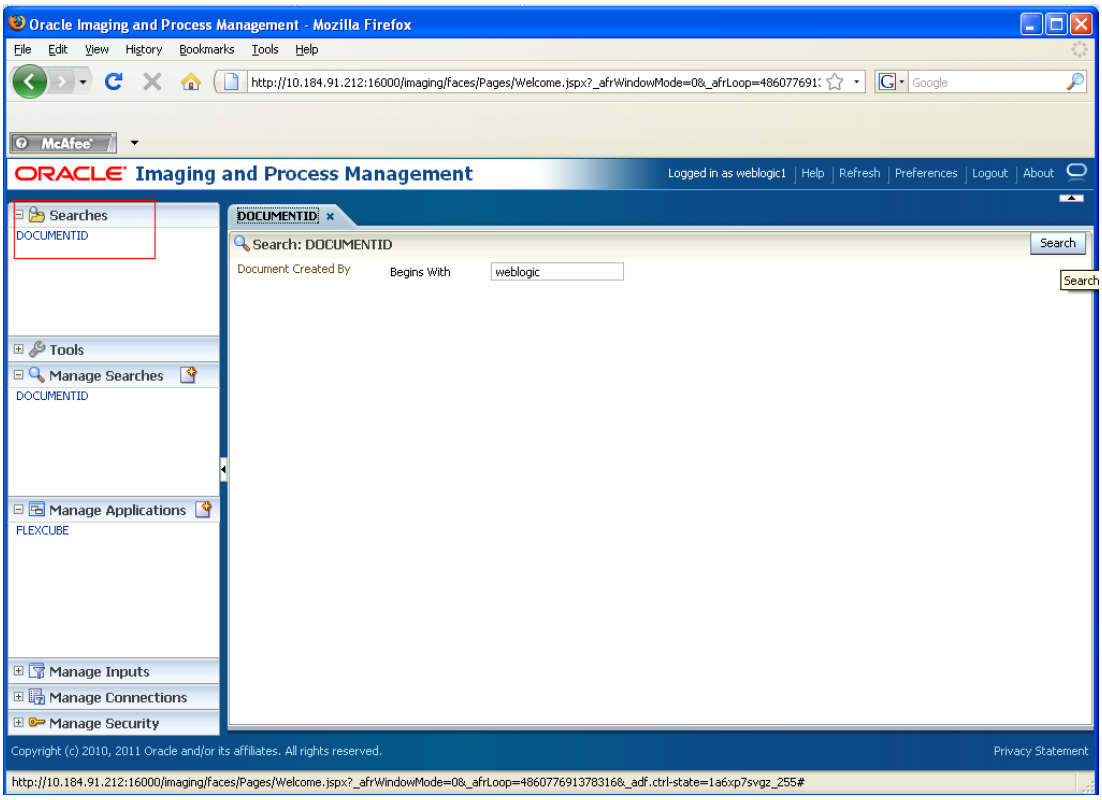
15. Click on next and add all the details as shown


Oracle Imaging and Process Management - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://10.184.91.212:16000/imaging/faces/Pages/Welcome.jspx?_afrLoop=485670155659151&_afrWindowM
Google
McAfee
ORACLE Imaging and Process Management
Logged in as weblogic1 | Help | Refresh | Preferences | Logout | About
Searches
DOCUMENTID
Tools
Manage Search
DOCUMENTID
Manage Applica
FLEXCUBE
Manage Inputs
Manage Conne
Manage Securit
Properties Results Formatting Conditions Parameters Security Preview and Test Review Settings
Create Search: Results Formatting
Cancel Back Next Submit
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.
Source Application
Name
Document Id
Document Creation Date
Document Created By
Document Batch Id
FLEXCUBE
Name
Document Id
Document Cre
Document Cre
Document Bat
Copyright (c) 2010, 2011 Oracle and/or its affiliates. All rights reserved.
Privacy Statement
http://10.184.91.212:16000/imaging/faces/Pages/Welcome.jspx?_afrLoop=485670155659151&_afrWindowMode=0&_adf.ctrl-state=1a6xp7svgz_51#

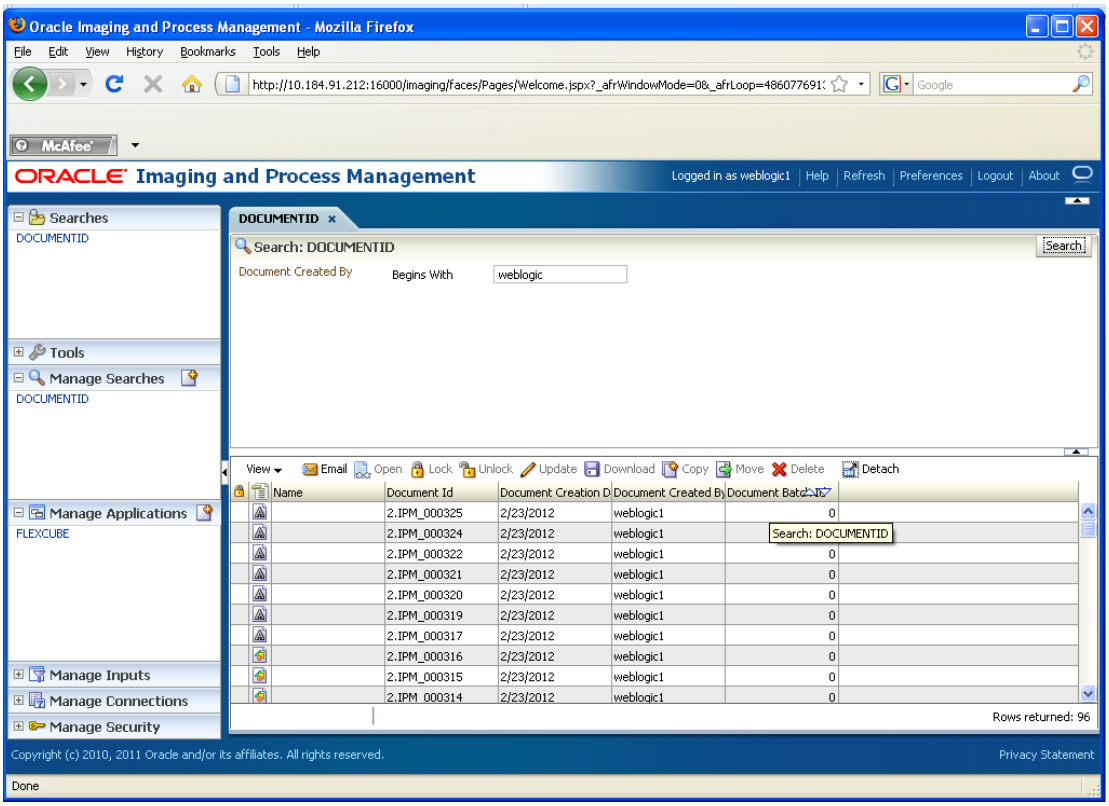
The following screen appears after creation:



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.



UCM Server Setup
[May] [2017]
Version 12.4.0.0.0

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