Application Server Installation Guide for OPSS - CSF
Oracle FLEXCUBE Universal Banking
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FINANCIAL SERVICES

Table of Contents

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1. Application Server Installation Guide for OPSS - CSF

1.1 Introduction

Before using CSF (Credential Store Framework), you need to do Application server installation for OPSS(Oracle Platform Security Services) set up.

.Application Server Installation for OPSS – CSF

1. Create Weblogic Domain with Oracle Enterprise Manager & Oracle JRF templates
2. Extend an existing Weblogic Domain with Oracle Enterprise Manager & Oracle JRF templates
3. Create schemas using RCU

1.2 Create OPSS schemas using RCU

1. Run ./rcu from Oracle_Home/oracle_common/bin
2. Select Create Repository & System load and product load
3. Provide database connection details (sys/sysdba user and password)
4. Select OPSS
5. Provide schema passwords
6. Map table spaces
7. Click on Create button to complete installation.
8. Close

1.3 Create Weblogic domain using domain templates

1. Select Basic Weblogic Server Domain
2. Select Oracle Enterprise Manager
3. Select Oracle JRF
    a. [once we select Oracle JRF , tool selecting Weblogic Coherence Cluster Extension also]
4. Select application location [select default values]
5. Select admin account
6. Select domain mode & JDK
7. Database configuration Types
    a. Select RCU data
    b. Enter database connection details using RCU Service table (STB) schema credentials.
    c. Check / verify the component data sources
    d. JDBC test
8. Adv configuration if required
9. Config summary
10. Click on create
11. Next & Finish

Refer: http://www.oracle.com/webfolder/technetwork/tutorials/obe/fmw/wls/12c/12_2_1/02-03-002-CreateJRFEMDomain/createjrfemdomain.html#overview

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1.4 Configure credential MAP and KEY

1. Copy the fcubscommonscsf.jar from INSTALLER/SOFT/LIBRARY/ofss to $DOMAIN_HOME/lib
2. Update the setDomainEnv.sh file ($MW_HOME/user_projects/domains/mydomain/bin directory) by appending the above jar file path –
   EXTRA_JAVA_PROPERTIES="${EXTRA_JAVA_PROPERTIES} -Dfcubs.csf.path=${DOMAIN_HOME}"
3. Configure security via em console

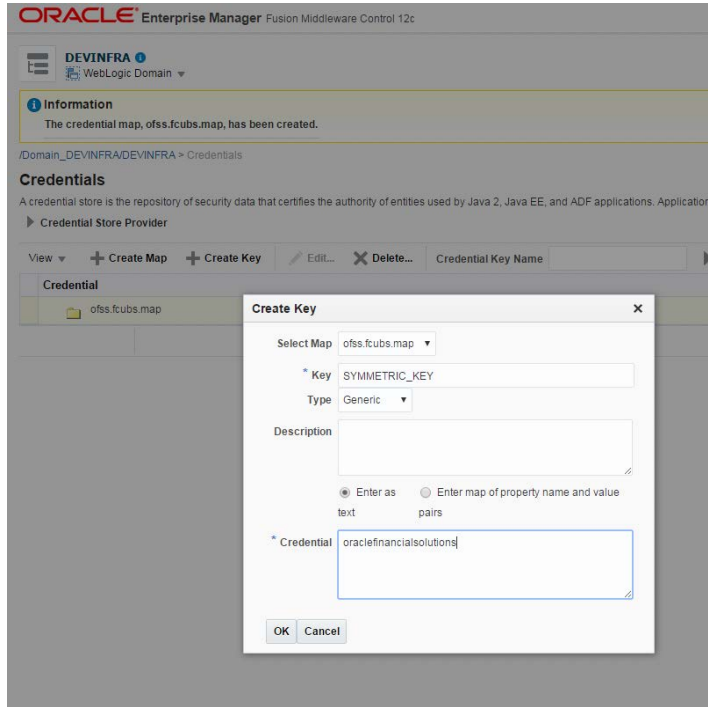4. Select Weblogic Domain -> Security -> Credentials. Click Create Map
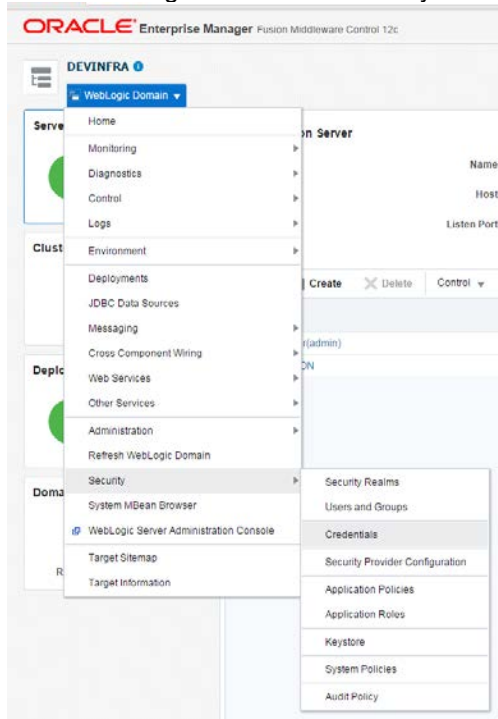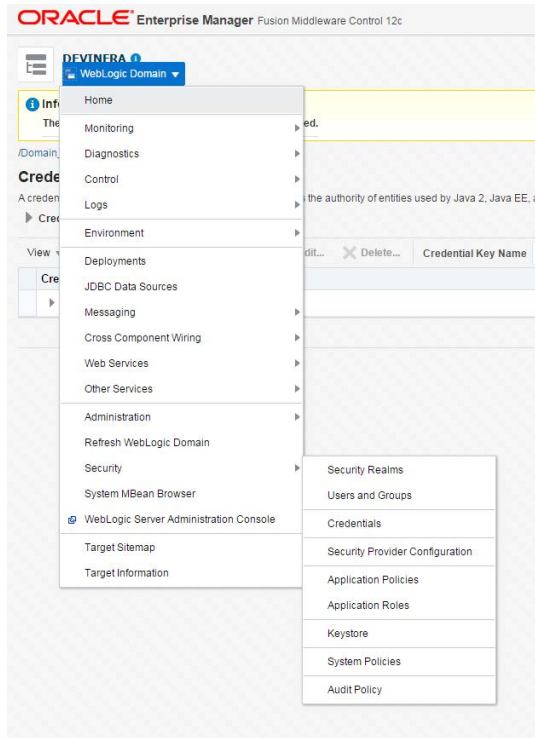

5. Enter the Map Name: ofss.fcubs.map
6. Click OK.
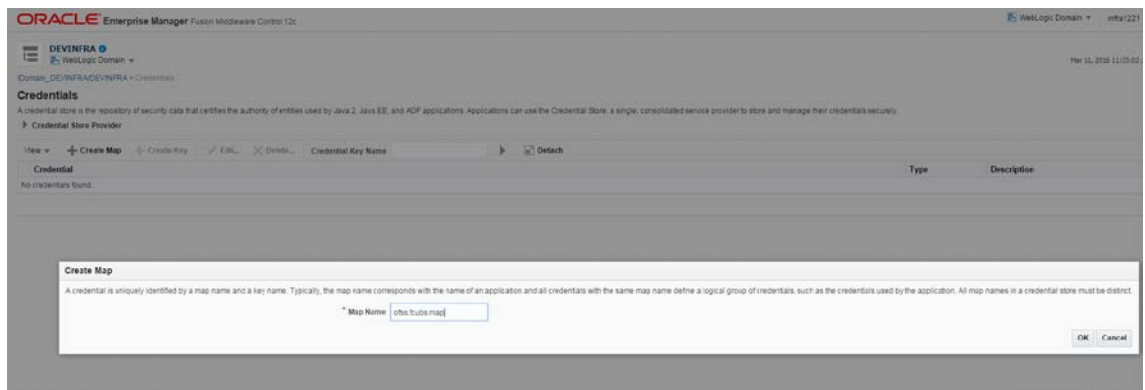
7. Create Key button
8. Enter the details as below

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9. Select Map: ofss.fcubs.map

Key: SYMMETRIC_KEY

Type: Generic

Credentials: *oraclefinancialsolutions*

Click OK

10. Select Weblogic Domain -> Security -> System Policies.

11. Click Create
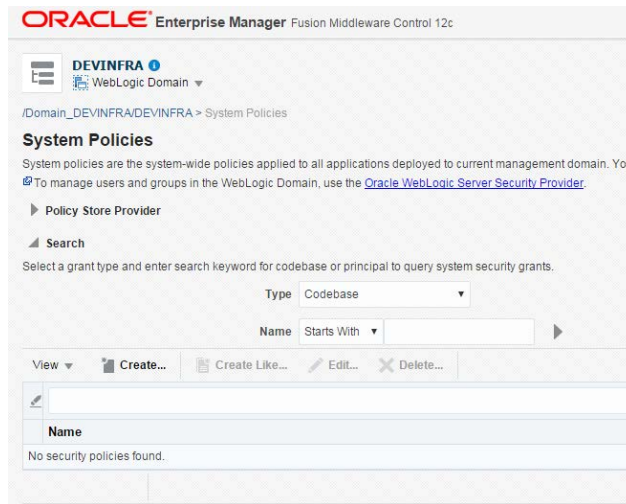
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12. Enter Codebase

13. Codebase: file:${fcubs.csf.path}/lib/fcubscommonscsf.jar
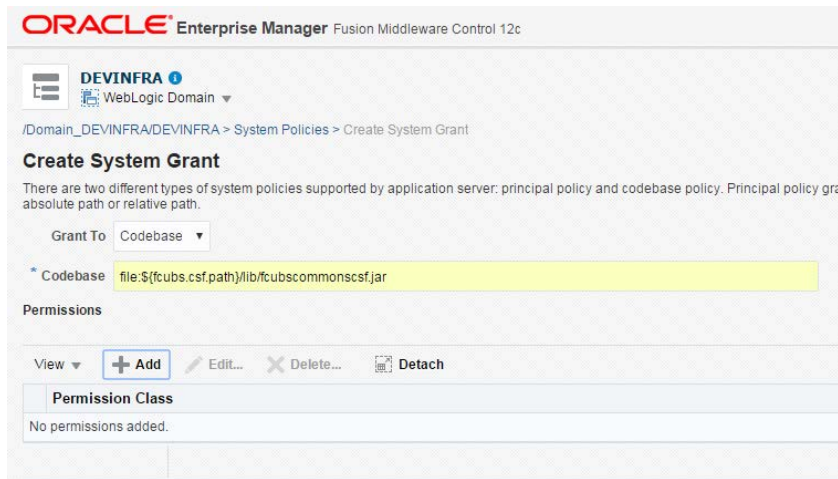
14. Click Add. select checkbox "Select here to enter details for a new permission"

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15. Provide below details
Permission Class: oracle.security.jps.service.credstore.CredentialAccessPermission
Resource Name: context=SYSTEM,mapName=ofss.fcubs.map,keyName=*
Permission Actions: read

16. Click on Ok for Add Permission and System policies.

17. click OK for create System Grant

18. Restart the servers[Admin, Managed servers]

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