

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

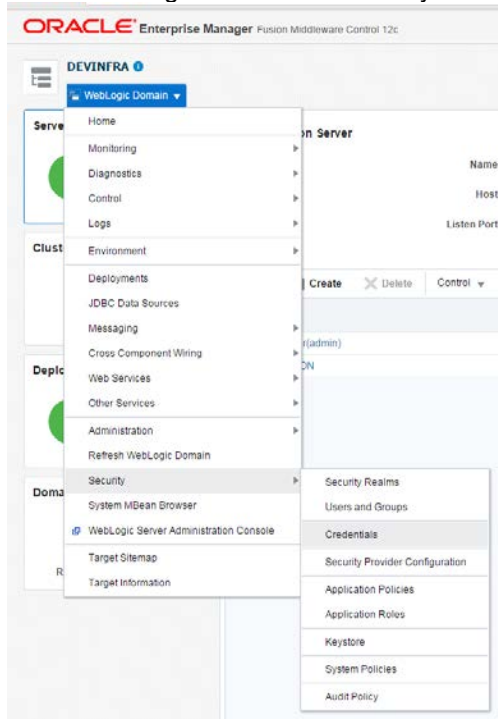
## 1.3 Create Weblogic domain using domain templates

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

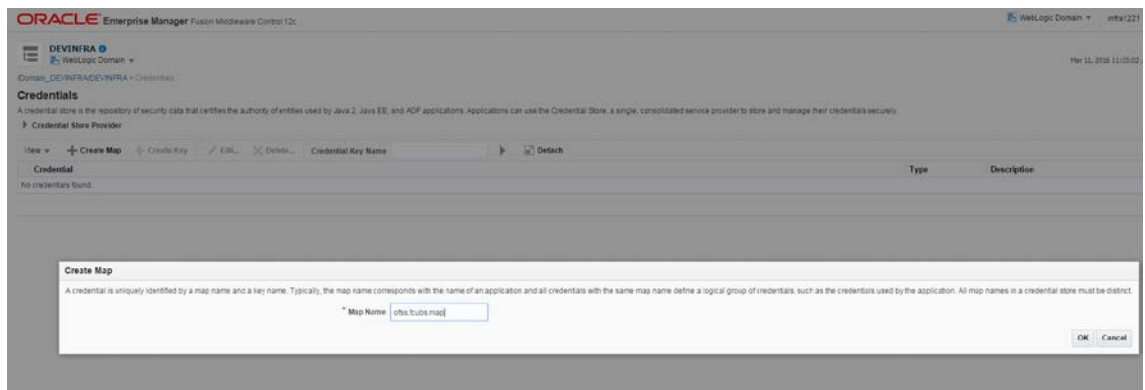
Refer: [http://www.oracle.com/webfolder/technetwork/tutorials/obe/fmw/wls/12c/12\\_2\\_1/02-03-002-CreateJRFEMDomain/createjrfemdomain.html#overview](http://www.oracle.com/webfolder/technetwork/tutorials/obe/fmw/wls/12c/12_2_1/02-03-002-CreateJRFEMDomain/createjrfemdomain.html#overview)

## 1.4 Configure credential MAP and KEY

1. Copy the fcubscommons.fsf.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

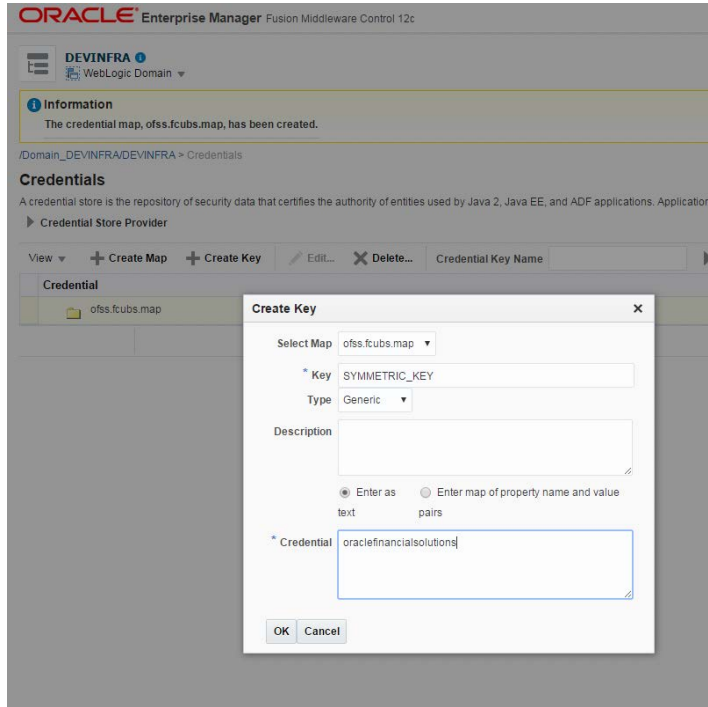


5. Enter the Map Name: ofss.fcubs.map
6. Click OK.

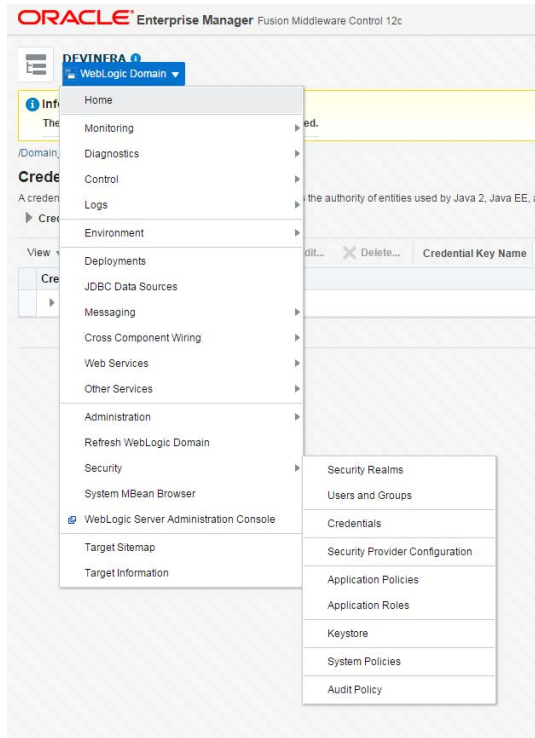


7. Create Key button
8. Enter the details as below

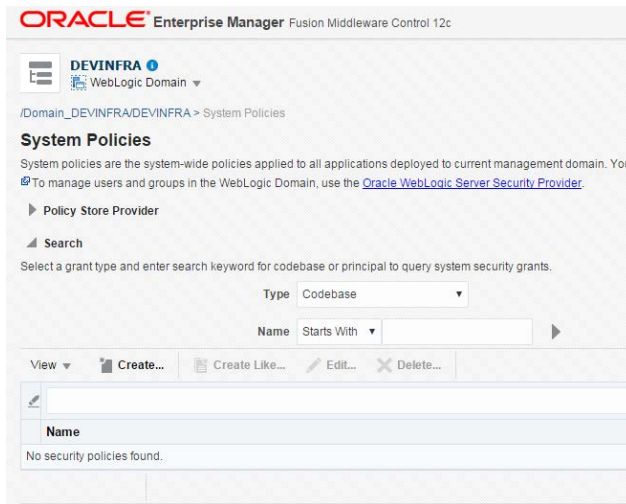
- 9. Select Map: ofss.fcubs.map  
Key: SYMMETRIC\_KEY  
Type: Generic  
Credentials: *oraclefinancialsolutions*  
Click OK



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



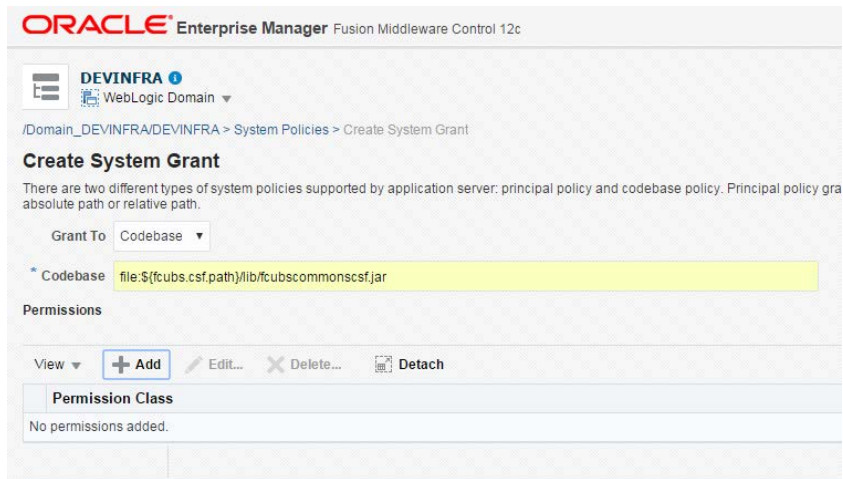
11. Click Create



## 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"

15. Provide below details

Permission Class: oracle.security.jps.service.credstore.CredentialAccessPermission

Resource Name: context=SYSTEM,mapName=ofss.fcubs.map,keyName=\*

Permission Actions: read

ORACLE Enterprise Manager Fusion Middleware Control 12c

DEVINFRA WebLogic Domain

/Domain\_DEVINFRA/DEVINFRA > System Policies > Create System Grant

### Create System Grant

There are two different types of system policies supported by application server: principal policy and codebase policy. Principal policy grants permissions and privileges to a list of users or roles. Codebase policy grants permissions and privileges to a codebase.

Grant To: Codebase

\* Codebase: file:\${fcubs.csf.path}/lib/fcubscommons.csf.jar

Permissions

#### Add Permission

Select from permissions and resources used in system policies of this domain. Enter search criteria to search for right permissions.

Search

Type: Codebase

Name: [ ]

Permission: [ ]

Search Results

Name	Type	Permission
No permissions found.		

Select here to enter details for a new permission

\* 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.

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DEVINFRA WebLogic Domain

Information: A new security grant has been added successfully.

### System Policies

System policies are the system-wide policies applied to all applications deployed to current management domain. You can grant special permissions and privileges to principal or codebase.

Policy Store Provider

Search

Type: Codebase

Name: Includes: [codebase]

Name
file:\${fcubs.csf.path}/lib/fcubscommons.csf.jar

Permissions for Codebase: file:\${fcubs.csf.path}/lib/fcubscommons.csf.jar

Resource Name	Permission Actions	Permission Class
context=SYSTEM,mapName=ofss.fcubs.map,keyName=*	read	oracle.security.jps.service.credstore.Cred...

17. click OK for create System Grant

18. Restart the servers[Admin, Managed servers]





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