# Application Server Installation Guide for OPSS - CSF
# Oracle FLEXCUBE Universal Banking
# Release 14.0.0.0.0
# [February] [2018]


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ORACLE

# 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.

## 1.1 .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

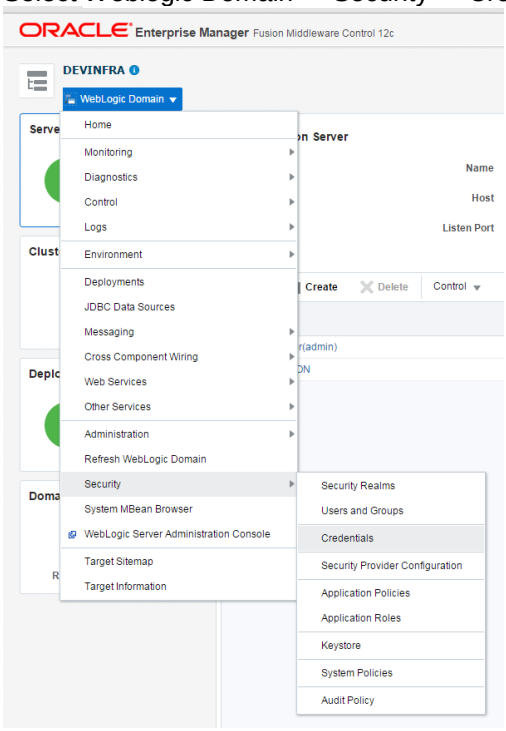
1. Select Basic Weblogic Server Domain
2. Select Oracle Enterprise Manager
3. Select Oracle JRF
    a. [once we select Oracle JRF , tool selecting Weblogic Coherence Cluster Extension also ]
4. Select application location [select default values]
5. Select admin account
6. Select domain mode & JDK
7. 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

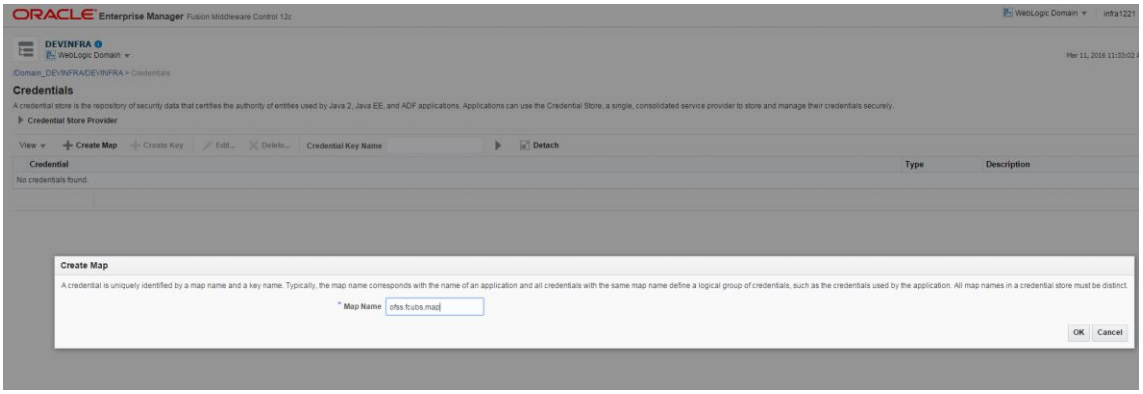
## 1.5 Configure credential MAP and KEY

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

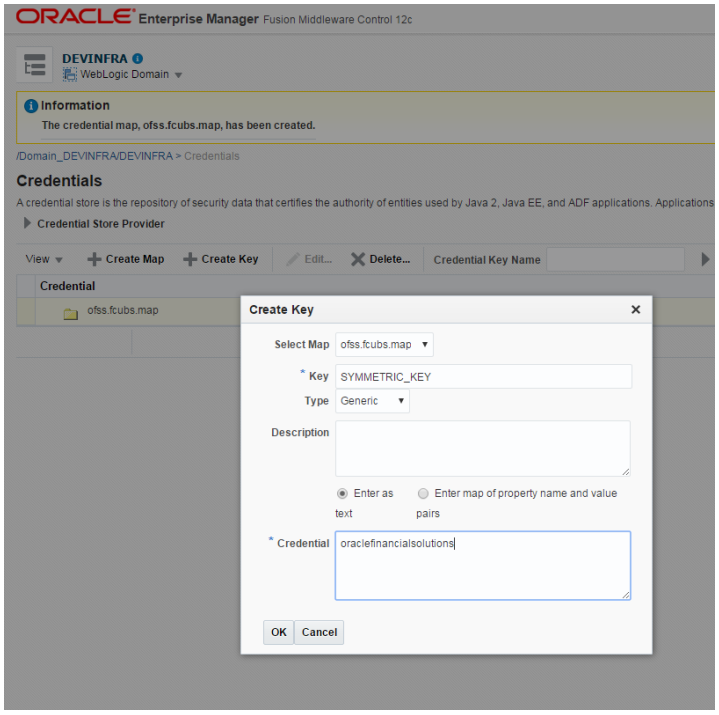



5. Enter the Map Name: ofss.fcubs.map
6. Click OK.

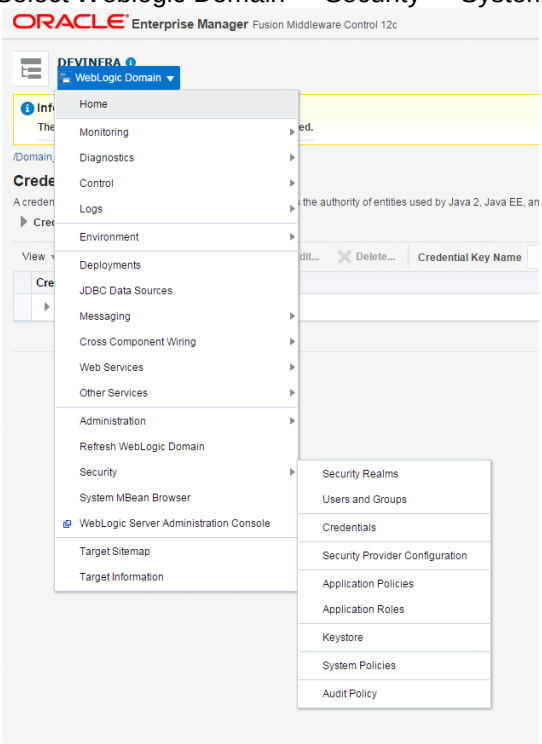



7. Create Key button
8. Enter the details as below
9. Select Map: ofss.fcubs.map

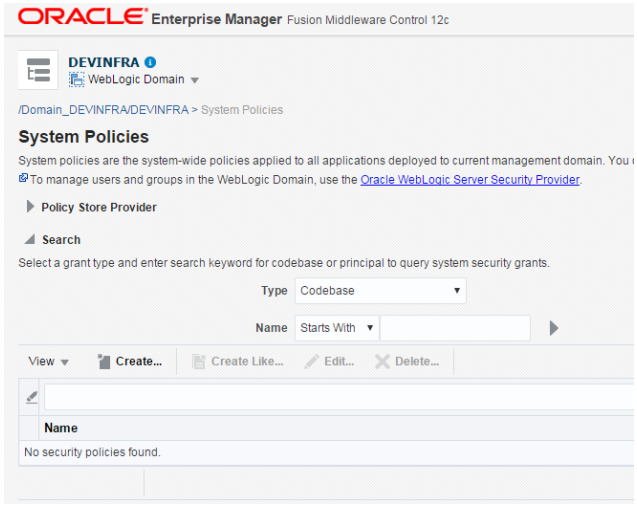
Key: SYMMETRIC_KEY
Type: Generic
Credentials: *oraclefinancialsolutions*
Click OK




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

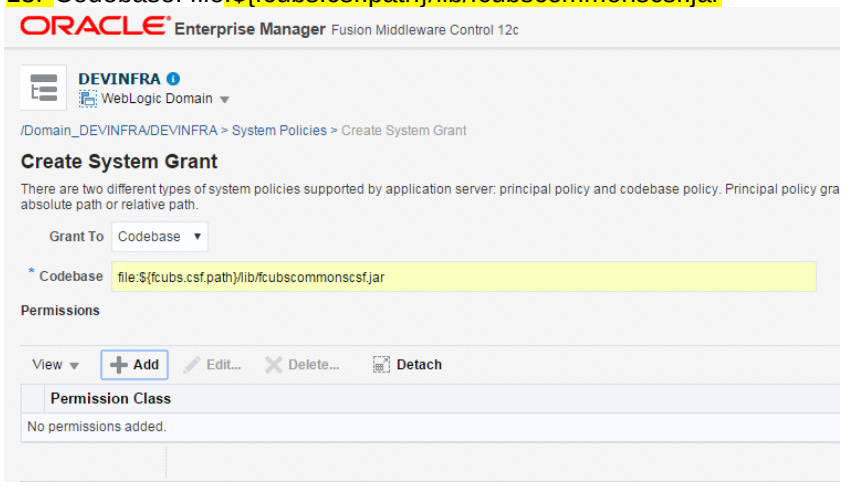


11. Click Create




12. Enter Codebase

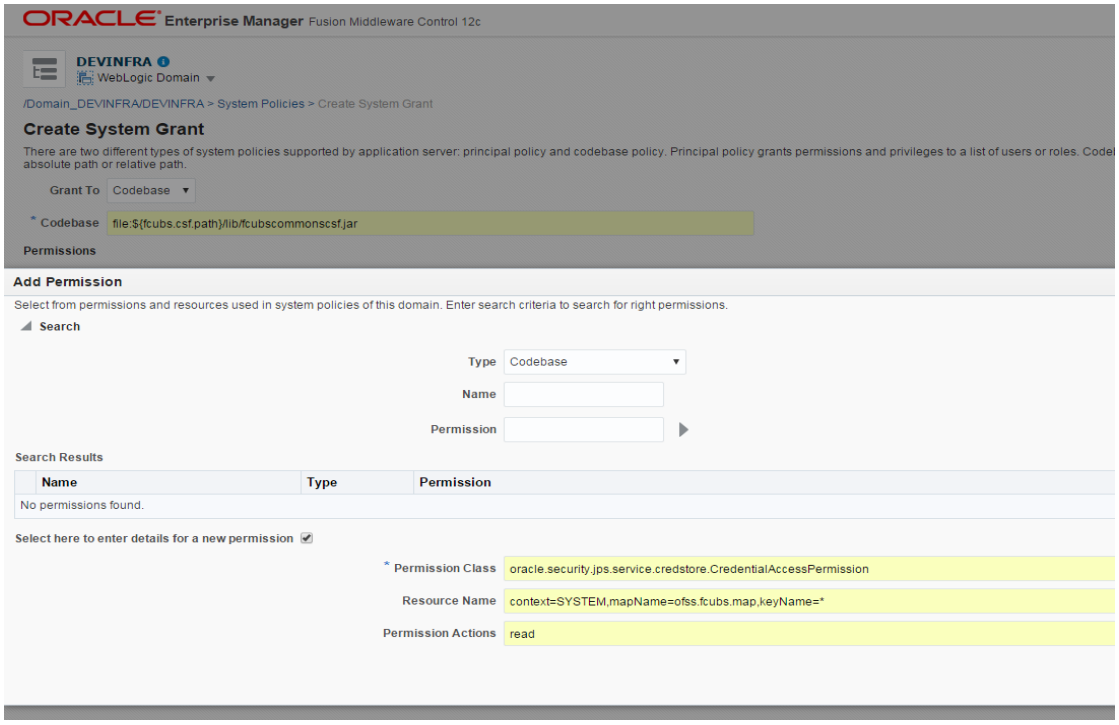

13. Codebase: file:${fcubs.csf.path}/lib/fcubscommonscsf.jar



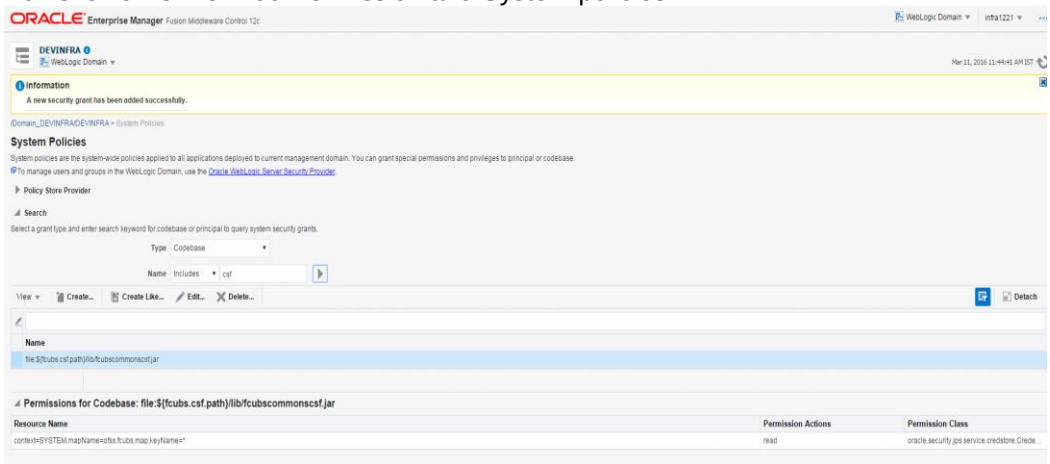

14. Click Add. select checkbox “Select here to enter details for a new permission”

15. Provide below details

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




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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**Oracle Financial Services Software Limited**
**Oracle Park**
**Off Western Express Highway**
**Goregaon (East)**
**Mumbai, Maharashtra 400 063**
**India**

**Worldwide Inquiries:**
**Phone: +91 22 6718 3000**
**Fax: +91 22 6718 3001**
**https://www.oracle.com/industries/financial-services/index.html**