Oracle Web Service Manager Implementation Guide Oracle FLEXCUBE Universal Banking Release 14.0.0.00 [February] [2018]

FINANCIAL SERVICES

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1. Introduction

The Oracle Web Services Manager (WSM) Policy Manager is the security and management policy lynchpin for Oracle Fusion Middleware 11*g* Web services. It provides a policy framework to manage and secure Web services consistently across your organization. Oracle WSM can be used by both developers, at design time, and system administrators in production environments. The policy framework is built using the WS-Policy standard

The following list provides examples of specific tasks that you can perform using Oracle WSM:

- Handle WS-Security (for example, encryption, decryption, signing, signature validation, and so on)
- Define authentication and authorization policies against an LDAP directory.
- Generate standard security tokens (such as SAML tokens) to propagate identities across multiple Web services used in a single transaction.
- Segment policies into different namespaces by creating policies within different folders.
- Examine log files.



2. Prerequisites

This document assumes that the following software are installed and configured properly.

- Oracle SOA Suite 11g
- Oracle Weblogic Server 11g
- Oracle Web Service Manager 11g which comes along with Oracle SOA suite 11g
- eviware soapUI3.0.1 (For testing the web service with policy)

Gateway EJB and Gateway Web Services has to be deployed on weblogic server before attaching policies.

For gateway EJB and gateway Web services deployment please refer to Gateway Installation guide.



3. Installation

For the installation of Oracle SOA 11g and Oracle Weblogic 11g please refer to Installation Guide for Oracle SOA Suite and Getting Started With Installation for Oracle Weblogic Server respectively.



4. Attaching policies to the Web Service

The following policy which have been tested with FLEXCUBE services :

- policy:oracle/wss_username_token_service_policy
- Please follow the procedure mentioned to attach a policy to the web service.

Navigate to the Summary of Deployments page.

| | dministra | tion Console | | | | | | | |
|--|---|-------------------------------------|--------|--------|---------------------------|--------------------------|--|--|--|
| Change Center | Hom | e Log Out Preferences 🔤 Record Help | Q | W | elcome, weblogic | Connected to: soa_domain | | | |
| View changes and restarts | | | | | | mary of | | | |
| ew changes and restarts infiguration editing is enabled. Future anges will automatically be activated as you oldfy, add or delete items in this domain. mmain Structure a.domain "Environment Deployments Services "Multi Data Sources "Data Sources "Multi Data Sources "Data Sources "Deployments | | | | | | | | | |
| Domain Structure | Domain Structure | | | | | | | | |
| Implications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application na and using the controls on this page. Implications Implications | | | | | | | | | |
| | 🖗 Custo | mize this table | | | | | | | |
| | Deploy | ments | | | | | | | |
| Persistent Stores Foreign JNDI Providers | Data Sources a Source Factories nt Stores JNDP Providers antexts Deployments Install Update Delete Start 	Stop 	Showing 1 to 10 of 26 Previous Next | | | | | | | | |
| XML Registries | | Name 💫 | State | Health | Туре | Deployment Order | | | |
| How do I | | 🗑 AqAdapter | Active | 🖋 ок | Resource Adapter | 324 | | | |
| Install an Enterprise application Configure an Enterprise application | | 🗈 📑 b2bui | Active | 🖋 ОК | Enterprise Application | 313 | | | |
| Update (redeploy) an Enterprise application | | | Active | 🖋 ок | Resource Adapter | 322 | | | |
| Start and stop a deployed Enterprise application | | | Active | 🖋 ок | Enterprise Application | 314 | | | |
| Monitor the modules of an Enterprise application | | ☑ ODMS Application (11.1.1.1.0) | Active | 🖋 ОК | Web Application | 190 | | | |

1. Expand the web service application and click on Web Services link.



| Update (redeploy) an Enterprise application | | | ₩ DbAdapter | Active | 🖋 ок | Resource Adapter | 322 |
|--|----|-------|--|--------|------|---------------------------|-----------------------|
| Start and stop a deployed Enterprise application | | | Contract ToDoTaskFlow | Active | 🖋 ок | Enterprise Application | 314 |
| Monitor the modules of an Enterprise application | | | Oms Application (11.1.1.1.0) | Active | 🖋 ок | Web Application | 190 |
| Deploy EJB modules Install a Web application | 1 | | ⊞ []em | Active | 🖋 ок | Enterprise Application | 400 |
| System Status | | | | Active | 🖋 ОК | Enterprise Application | 100 |
| Health of Running Servers | | | ⊡ Modules | | | | |
| Failed (0) | | | FCUBSCcyService | | | Web Application | |
| Critical (0) | | | 🗆 EJBs | | | | |
| Overloaded (0) Warning (0) | | | None to display | | | | |
| OK (2) | | | Web Services | | | | |
| | | | (@)FCUBSCcyService | | | Web Service | |
| | | | Ø FileAdapter | Active | 🖋 ОК | Resource Adapter | 321 |
| | [| | € CFMW Welcome Page Application (11.1.0.0.0) | Active | 🖋 ОК | Enterprise Application | 150 |
| | [| | | Active | 🖋 ОК | Resource Adapter | 325 |
| | Ir | nstal | Update Delete Start ¥ Stop ¥ | | | Showing 1 to 10 | of 26 Previous Next |

2. Navigate to the Configuration tab.

| ORACLE WebLogic Server® | Administration Console | | | |
|---|--|--|---|--------------------------|
| Change Center | Home Log Out Preferences | Record Help | Q Welcome, weblogic | Connected to: soa_domain |
| View changes and restarts | | | | cyService >Summary of |
| Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain. | Settings for FCUBSCcyService | 2 | | |
| moury, and or delete items in ans domain. | Overview Configuration S | Security Testing Monitoring | | |
| Domain Structure | | Home Log Out Preferences Record Help Welcome, weblogic Connected to: soa_domain ms >Summary of Deployments >GW_EIB_Bean >Summary of Deployments >build >Summary of Deployments >FCUBSCcyService >Summary of Deployments >Summary of Deployments >FCUBSCcyService >Summary of Deployments >FCUBSCcyService >Summary of Deployments >FCUBSCcyService =Summary of Deployments >FCUBSCcyService =Summary of Deployments >FCUBSCcyService =Summary of Deployments >Summary of Deployments =Summary of Deplo | | |
| soa domain Denvironment Deployments Services Descrites | Java Web Service (JWS) file, w Service. This page displays the general o | which is a Java class that uses JWS me | etadata annotations to specify the shape and be | havior of the Web |
| Data Source Factories | Deployment Name: | FCUBSCcyService | | |
| Foreign JNDI ProvidersWork ContextsXML RegistriesXML Entity Caches | Module Name: | FCUBSCcyService.war | file or EJB JAR file depending | on the Web Service |
| How do I • Start and stop a Web Service | Service Name: | FCUBSCcyService | WSDL file that defines the pul | |
| View the Web Service configurationView the WSDL of a Web Service | | | | |

3. Click 'WS-Policy'.



| Configuration editing is enabled. Future changes will automatically be activated as you | Settings for FCUBSCcyService | | |
|--|-----------------------------------|---|--|
| modify, add or delete items in this domain. | Overview Configuration Sec | urity Testing Monitoring | |
| Domain Structure | General Handlers WSDL | WS-Policy Port Components | |
| soa_domain | | | |
| ⊕-Environment | Save | | |
| Deployments | ouro | | |
| □-Services | | | |
| ⊕-Messaging | Use this page to view the general | configuration of this Web Service, such as the ty | pe of archive it is packaged in (WAR or EJB JAR), the file |
| ₽-JDBC | that contains the Web Service imp | lementation, and so on. | |
| Data Sources | | | |
| Multi Data Sources | Name: | FCUBSCcyService | The name of the Web Service. More Info |
| Persistent Stores | | | |
| Foreign JNDI Providers | Description: | (No value specified) | Specifies the description of the Web Service. More |
| Work Contexts | | | Info |
| XML Registries | | | |
| XML Entity Caches | Web Service Type: | JAX-WS 2.1 | The Web Service Type (JAX-WS / JAX-RPC). More Info |
| How do I | | | 100 |
| 100 00 1 | Implementation Type: | WAR | |
| Start and stop a Web Service | Implementation Type | TTEN | |
| View installed Web Services | Implementation Source: | FCUBSCcvService.war | |
| View the WSDL of a Web Service | Implementation Source. | r cobbecyber vice.mar | |
| Monitor a Web Service | 🐼 WSDL Publish File: | | Flag that specifies whether to publish the WSDL of the |
| | a water athis me. | | deployed Web Service for JAX-RPC Web Services. Note |
| Install a Web Service | | | that JAX-WS Web Services always publish the WSDL. |
| | | | Valid values include true or false. If set to true, then the server returns the WSDL upon request using the URL |
| System Status | | | format: service_address?WSDL. If false, then the server |
| Health of Running Servers | | | returns a 404 code because the WSDL is not available. |
| | | | The WSDL file is defined by the <wsdl-file> element in the webservices.xml descriptor, More Info</wsdl-file> |

4. Select web service end point of the web service.

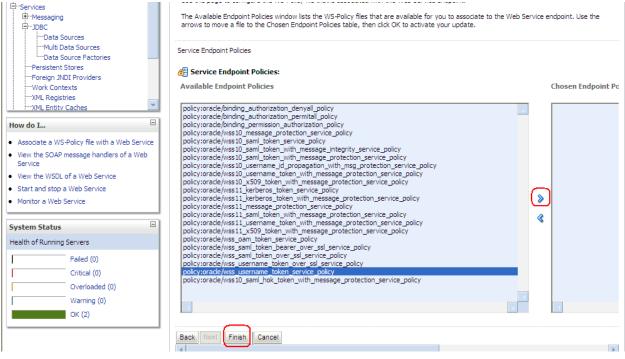
| | Administrati | on Consol | е | | | | | | | |
|--|--|------------------------------------|-------------------------|---------------------------------|-----------------------|----------------------------------|-------------------|-------------------|---------------|----------------------------|
| Change Center | Home | Log Out Pre | eference | s 📐 Record | Help | | ٩ | Web | come, weblogi | c Connected to: soa_domain |
| View changes and restarts Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain. Domain Structure sodomain sodomain | | | | | | | | | | |
| changes will automatically be activated as you | Settings fo | | | | | | | | | |
| | Image Center Welcome, weblogic Connected to: soa_domain w changes and restarts Ifter analytic is enabled. Future appeared in this domain. More > Summary of Deployments > FCUBS/CcyService > Summary of Deployments > FCUBS/CcyService > Summary of Deployments > FCUBS/CcyService Summary of Deployments > FCUBS/CcyService > Summary of Deployments > FCUBS/CcyService main Structure Overview Configuration Security Testing Monitoring General Handlers WSDL WS-Policy Port Components Overview Configuration Security Testing Monitoring Bervices Bervices Bervices WSDL WS-Policy Port Components This page lists the policy files that are associated with the endpoints and operations of this WebService. The operations are listed below the endpoint - click on the + sign to view them. Click on the endpoint or operation name to configure an associated policy file. For example, you can specify that the policy file applies only for inbound (request) SOAP messages, and so on . WS-Policy Files Associated With This Web Service Showing 1 to 1 of 1 Previous Next Persistent Stores Showing 1 to 1 of 1 Previous Next Providers Work Contexts | | | | | | | | | |
| omain Structure General Handlers WSDL WS-Policy Port Components | | | | | | | | | | |
| >eployments I →-Services II →-Messaging II →-JDBC II →-Data Sources | endpoint can speci | - click on the fy that the p | e + sign policy file | to view them. applies only f | Click on or inbour | the endpoint o nd (request) S | or operation name | e to configure an | | |
| | I restarts Is enabled. Future ically be activated as you eitems in this domain. If we have the set of the set | | | | | | | | | |
| Foreign JNDI Providers | Service | Service Endpoints and Operations 🗞 | | | | | | | | Policies |
| XML Registries | FCUE | SCcyService | ≥SEI | | | | | | Showing 1 | to 1 of 1 Previous Next |
| How do I | | | | | | | | | | |

5. Select OWSM web service policy and navigate to the next page by clicking on 'Next'.



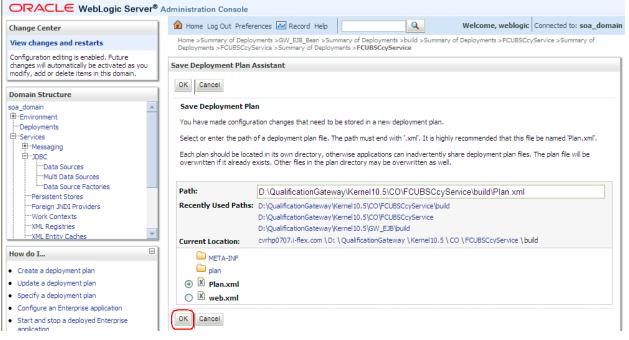


6. Select policy:oracle/wss_username_token_service_policy and click on finish.

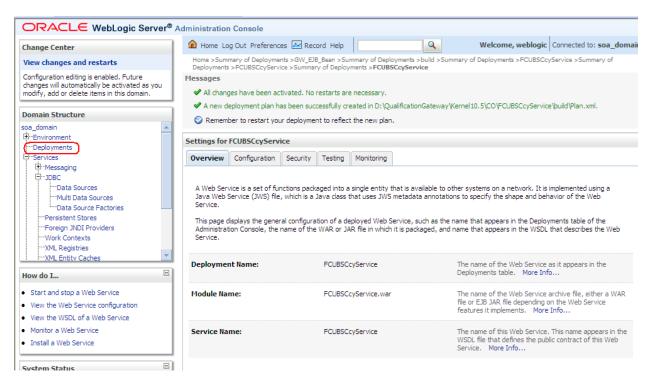


7. Update the plan.xml.





8. Click on Deployment to restart the application to reflect the plan.



Stopping the application.





This page displays a list of Java EE applications and stand-alone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application name and using the controls on this page.

To install a new application or module for deployment to targets in this domain, click the Install button.

Customize this table

Deployments

| Insta | II Update Delete Start ~ | Stop 🛩 | | | Showing 1 to 10 | of 26 Previous Next |
|-------|--------------------------|--|-----------|---------|---------------------------|-----------------------|
| | Name 🗠 🔰 | When work completes | | | Туре | Deployment |
| | | Force Stop Now | | | | Order |
| | \overline AqAdapter | Stop, but continue servicing administr | ation req | uests (| Resource Adapter | 324 |
| | 🗉 📑 b2bui | | Active | 🖋 ок | Enterprise Application | 313 |
| | DbAdapter | | Active | 🖋 ок | Resource Adapter | 322 |
| | | | Active | 🖋 ок | Enterprise Application | 314 |
| | | 1.0) | Active | 🖋 ок | Web Application | 190 |
| | ⊡ [Bem | | Active | 🖋 ОК | Enterprise Application | 400 |
| | ■ FCUBSCcyService | | Active | 🖋 ОК | Enterprise Application | 100 |
| | | | Active | 🖋 ок | Resource Adapter | 321 |

10. Starting the application.

| soa_domain ▲ ⊕-Environment → Deployments → Services → ⊕-Messaging → Data Sources → Multi Data Sources → Multi Data Sources → Data Source Factories → | This pa applica and us | Monitoring ge displays a list of Java EE applications and stand-alone application tions and modules can be started, stopped, updated (redeployed), or ing the controls on this page. all a new application or module for deployment to targets in this doma | deleted from | n the doma | ain by first selecting t | |
|--|------------------------------|---|--------------|------------|---------------------------|----------------------|
| Persistent Stores Foreign JNDI Providers | Custo | mize this table | | | | |
| Work Contexts XML Registries XML Entity Caches | Deploy Instal | | | | Showing 1 to 10 c | of 26 Previous Nex |
| How do I | | Name Servicing all requests Servicing only administration requests | State | Health | Туре | Deployment Order |
| Install an Enterprise application Configure an Enterprise application | | ₩ AqAdapter | Active | 🖋 ок | Resource Adapter | 324 |
| Update (redeploy) an Enterprise application Start and stop a deployed Enterprise | | 🗄 📑 b2bui | Active | 🖋 ок | Enterprise Application | 313 |
| applicationMonitor the modules of an Enterprise | | ₩ DbAdapter | Active | 🖋 ок | Resource Adapter | 322 |
| application Deploy EJB modules | | | Active | 🖋 ок | Enterprise Application | 314 |
| Install a Web application | | | Active | 🖋 ок | Web Application | 190 |
| System Status | | ⊞ []em | Active | 🖋 ОК | Enterprise Application | 400 |
| Health of Running Servers | | | Prepared | 🖋 ок | Enterprise Application | 100 |
| Failed (0) Critical (0) | | 🐼 File Adapter | Active | 🖋 ок | Resource Adapter | 321 |

11. After starting the application make sure that it is active.



| Domain Structure | Summa | ry of Deployme | ents | | | | |
|---|---|---|-----------------------|--------|--------|---------------------------|---------------------|
| oa_domain | Contro | Monitoring | | | | | |
| | applic and u To ins Cust Depk | This page displays a list of Java EE applications and stand-alone application modules that have been installed to this domain. Ins applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application and using the controls on this page. To install a new application or module for deployment to targets in this domain, click the Install button. Customize this table Deployments Install Update Delete Start Stop Stop Showing 1 to 10 of 26 F | | | | | |
| | | | | | | Chieffing 1 to 10 | |
| 100 40 1 | | Name 🐟 | | State | Health | Туре | Deployment Order |
| Install an Enterprise application Configure an Enterprise application | | | | Active | 🖋 ок | Resource Adapter | 324 |
| Update (redeploy) an Enterprise application Start and stop a deployed Enterprise | | 🕀 📑 b2bui | | Active | 🖋 ОК | Enterprise Application | 313 |
| application Monitor the modules of an Enterprise | | | | Active | 🖋 ОК | Resource Adapter | 322 |
| application Deploy EJB modules | | 🕀 📑 DefaultT | DOTaskFlow | Active | 🖋 ок | Enterprise Application | 314 |
| Install a Web application | | 🗄 🐻 DMS App | lication (11.1.1.1.0) | Active | 🖋 ок | Web Application | 190 |
| ystem Status | | 🕀 📑 em | | Active | 🖋 ок | Enterprise Application | 400 |
| lealth of Running Servers | | | | Active | « ок) | Enterprise | 100 |

12. Expand the application and click on the web service to verify the policies attached with it.

| Configure an Enterprise application | | | | | | |
|--|--------|---|--------|------|---------------------------|-----------------------|
| Update (redeploy) an Enterprise application | | | Active | 🖋 ок | Resource Adapter | 322 |
| Start and stop a deployed Enterprise application | | | Active | 🖋 ок | Enterprise Application | 314 |
| Monitor the modules of an Enterprise application | | Omega DMS Application (11.1.1.1.0) | Active | ≪ок | Web Application | 190 |
| Deploy EJB modules Install a Web application | | 🕀 📑 em | Active | 🖋 ок | Enterprise Application | 400 |
| System Status | | | Active | 🖋 ок | Enterprise Application | 100 |
| Health of Running Servers | | 🗆 Modules | | | | |
| Failed (0) | | FCUBSCcyService | | | Web Application | |
| Critical (0) | | 🖃 EJBs | | | | |
| Overloaded (0) Warning (0) | | None to display | | | | |
| OK (2) | | ⊡ Web Services | | | | |
| | | FCUBSCcyService | | | Web Service | |
| | | 🗑 FileAdapter | Active | 🖋 ОК | Resource Adapter | 321 |
| | | € The FMW Welcome Page Application (11.1.0.0.0) | Active | 🖋 ОК | Enterprise Application | 150 |
| | | | Active | 🖋 ОК | Resource Adapter | 325 |
| | Instal | Update Delete Start V Stop V | | | Showing 1 to 10 | of 26 Previous Next |
| | | | | | | |
| WebLogic Server Version: 10.3.1.0 | | | | | | |

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| ORACLE WebLogic Server® | Administration Console | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| Change Center | Home Log Out Preferences | 🗠 Record Help | Welcome, weblogic Connected to: soa_domain | | | | | |
| View changes and restarts | Home >Summary of Deployments >build >Summary of Deployments >FCUBSCcyService > | | | | | | | |
| Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain. | Settings for FCUBSCcyService | curity Testing Monitoring | | | | | | |
| Domain Structure | | carty resting roomaning | | | | | | |
| soa_domain Environment Deployments Services P-Messaging D-DBC Data Sources Multi Data Sources | Java Web Service (JWS) file, whi Service. This page displays the general co | ich is a Java class that uses JWS metadata | ilable to other systems on a network. It is implemented using a annotations to specify the shape and behavior of the Web ch as the name that appears in the Deployments table of the aged, and name that appears in the WSDL that describes the Web | | | | | |
| LData Source Factories | Deployment Name: | FCUBSCcyService | The name of the Web Service as it appears in the Deployments table. More Info | | | | | |
| Foreign JNDI ProvidersWork ContextsXML RegistriesXML Entity Caches | Module Name: | FCUBSCcyService.war | The name of the Web Service archive file, either a WAR file or EJB JAR file depending on the Web Service features it implements. More Info | | | | | |
| How do I 😑 | Service Name: | FCUBSCcyService | The name of this Web Service. This name appears in the WSDL file that defines the public contract of this Web | | | | | |
| Start and stop a Web Service View the Web Service configuration View the WSDL of a Web Service Monitor a Web Service Install a Web Service | | | Service. More Info | | | | | |

| Configure an Enterprise application Update (redeploy) an Enterprise application | | | Active | 🖋 ок | Resource Adapter | 322 |
|---|-------|---|--------|------|---------------------------|-----------------------|
| Start and stop a deployed Enterprise application | | DefaultToDoTaskFlow | Active | 🖋 ок | Enterprise Application | 314 |
| Monitor the modules of an Enterprise application | | DMS Application (11.1.1.1.0) | Active | 🖋 ок | Web Application | 190 |
| Deploy EJB modules Install a Web application | | æ ⊑∄em | Active | 🖋 ок | Enterprise Application | 400 |
| System Status | | | Active | 🖋 ОК | Enterprise Application | 100 |
| Health of Running Servers | | 🗆 Modules | | | | |
| Failed (0) | | FCUBSCcyService | | | Web Application | |
| Critical (0) | | E EJBs | | | | |
| Overloaded (0) Warning (0) | | None to display | | | | |
| OK (2) | | ⊡ Web Services | | | | |
| | | (@)FCUBSCcyService | | | Web Service | |
| | | 🗑 FileAdapter | Active | 🖋 ок | Resource Adapter | 321 |
| | | € FMW Welcome Page Application (11.1.0.0.0) | Active | 🖋 ок | Enterprise Application | 150 |
| | | | Active | 🖋 ок | Resource Adapter | 325 |
| | Insta | Update Delete Start V Stop V | | | Showing 1 to 10 | of 26 Previous Next |
| | | | | | | |
| WebLogic Server Version: 10.3.1.0 Copyright © 1996,2009, Oracle and/or its affiliates. All right | | | | | | |

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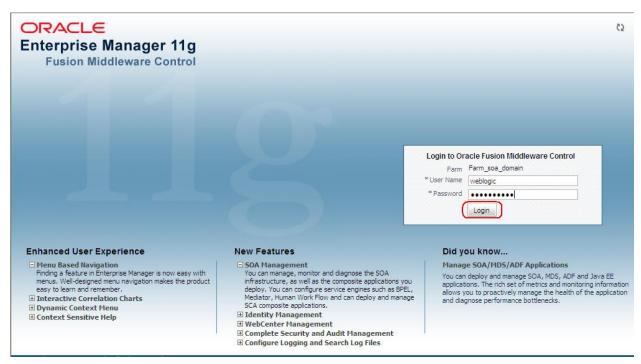
| | dministrati | on Consol | e | | | | | | | |
|---|---|---|----------|-------------|--------|--------------------------------|----------|------------------------------|--------------------------|--|
| Change Center | 쉾 Home | Log Out Pre | eference | s 📐 Recor | d Help | | ٩ | Welcome, weblogic | Connected to: soa_domain | |
| View changes and restarts | | | | | | Deployments > /ments >FCUBS | | Summary of Deployments >FCUB | SCcyService >Summary of | |
| Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain. | | Settings for FCUBSCcyService Overview Configuration Security Testing Monitoring | | | | | | | | |
| Domain Structure | overview | | | | | Horitoring | | | | |
| soa domain | General | Handlers | WSDL | WS-Poli | y Por | t Components | | | | |
| Deployments Services Muessaging Data Sources Multi Data Sources | This page lists the policy files that are associated with the endpoints and operations of this WebService. The operations are listed below the endpoint - click on the + sign to view them. Click on the endpoint or operation name to configure an associated policy file. For example, you can specify that the policy file applies only for inbound (request) SOAP messages, and so on . WS-Policy Files Associated With This Web Service | | | | | | | | | |
| Data Source Factories | | | | | | | | Showing 1 t | o 1 of 1 Previous Next | |
| Persistent Stores Foreign JNDI Providers | Service | e Endpoints | s and Op | oerations 4 | \$ | | Policies | | | |
| Work Contexts | FCUBSCcyServiceSEI policy:orade/wss_username_token_service_policy | | | | | | | | | |
| XML Registries XML Entity Caches | | | | | | | | Showing 1 t | o 1 of 1 Previous Next | |
| How do I | | | | | | | | | | |



5. Testing Web Service with Policies

5.1 Testing Web Service through Enterprise Manager

1. Once attaching the policies is finished, login to the enterprise manager (http://hostname:port/em)



2. Expand the Weblogic Domain and Select the domain (created during SOA installation).



|] ↓ Farm_soa_domain | | Farm_soa_domain 🗿 | | | Page Refreshed (| Oct 26, 2009 | Logged in as weblo 7:58:50 PM GMT+05:30 |
|--|------|-----------------------------|-------------------------|----------------------|------------------------------------|--------------|--|
| Application Deployments SOA | Е | Deployments | | | Fusion Middleware | | 6 |
| WebLogic Domain WebLogic Domain Wetadata Repositories User Messaging Service | | 100% | | ■ ^{Up} (22) | 209 80% | | ■ Down (1) ■ Up (4) |
| | L | Name | Status | Target | Name | Status | Host |
| 4 | - 11 | 🖃 🚞 Application Deployments | | | 🖃 🚞 WebLogic Domain | | |
| | | 표 🚞 Internal Applications | | | 🖃 📲 soa_domain | | |
| | • | 표 🚞 Resource Adapters | | | AdminServer | Ŷ | cvrhp0707.i-flex |
| | | DefaultToDoTaskFlow | Û | soa_server1 | 🗐 bam_server1 | - | |
| | | FCUBSCcyService | $\hat{\mathbf{U}}$ | soa_server1 | soa_server1 | Ŷ | cvrhp0707.i-flex |
| | | GW_EJB_Bean | $\overline{\Omega}$ | soa_server1 | 🖃 🛅 Metadata Repositories | | |
| | | worklistapp | $\overline{\mathbf{U}}$ | soa_server1 | 🐼 mds-owsm | | cvrhp0707.i-flex |
| | | 🖃 🚞 SOA | | | 🐼 mds-soa | | cvrhp0707.i-flex |
| | | 🚟 soa-infra | Ŷ | soa_server1 | 🖃 🚞 User Messaging Service | | |
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| | | | | | usermessagingserver (soa_server 1) | Û | cvrhp0707.i-flex |
| | | | | | | | |
| | | | | | Farm Resource Center | | |

3. Select Test Web Service link from the fusion middleware control.

| | Mana | ger 11g Fusion | Middlew | are Control | | | | | | | Se | tup 👻 Help 🗸 | Log Out |
|---|------|---|----------------|----------------|-------------------|---|--|-----------------------|------------------|------------|---------------------|----------------|--------------------------------|
| 📲 Farm 🕶 🖓 Topology | | | | | | | | | | | | | |
| ∃ - | 50 | a_domain 🛈 | | | | | | | | | | Logged in a | s weblogic |
| 🖃 📑 Farm_soa_domain | | WebLogic Domain | - | | | | | | | Page Re | freshed Oct 26, 200 | 9 8:03:22 PM G | мт+05:30 С2 |
| | | Home | | | | | | | V | Clusters | | | |
| WebLogic Domain Joan domain | | Logs | | | → | To configure and manage this WebLogic Domain, use the Oracle | | Search | | Cluster | Cluster | | |
| Metadata Repositories Juser Messaging Service | | Port Usage | | | | | Logic Server | Administratio | | Name 4 | ≥⊽ Servers | Address | Messagir Mode |
| | | Application Deplo | ovment | | | | | | | ۲. | - | III | |
| | | SOA Deployment | · | | | | | | ¥ | 🗆 Deployme | nts | | E |
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4. Enter the WSDL URL of the web service for which policy is applied and click on Parse WSDL.



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5. Select the operation for which you want to test the web service.

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| | Quality of Service WS-RM ③ WSDL Default ○ None ○ Custom Policy URI WS-Addressing ④ WSDL Default ○ None ○ Custom Policy URI | Custom | |

6. Select WSS Username Token and enter the Weblogic credentials.



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7. Enter the Request Message and Click on Test Web Service button.

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| | | Request Response | | | | | est Web Service | |

8. The Test Status Passed indicates the web service is properly authenticated by the policy.

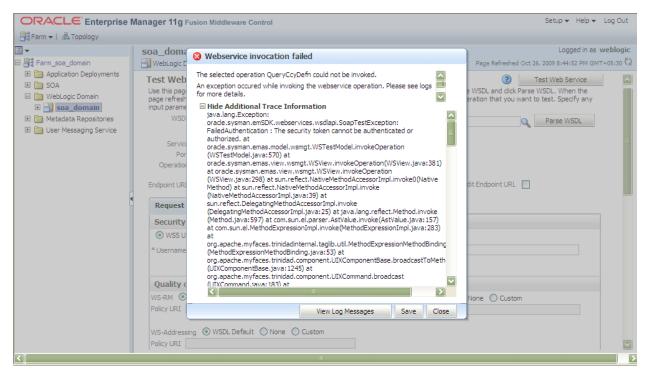


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9. Wrong credential will result to an error during Testing of web service.

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| Image: Second secon | soa_domain ③ Logged in as we WebLogic Domain ▼ Page Refreshed Oct 26, 2009 8:44:52 PM GMT+4 Test Web Service ③ Test Web Service Use this page to test any WSDL, including WSDLs that are not in the farm. To test a Web service, enter the WSDL and click Parse WSDL. When the page refreshes with the WSDL details, first select the Service, then select the Port, and then select the Operation that you want to test. Specify any input parameters, and click Test Web Service. WSDL http://cvrhp0707.i-flex.com:8001/FCUBSCcyService/FCUBSCcyService?WSDL Q Parse WSDL HTTP Basic Auth Option for WSDL Access Service FCUBSCcyServiceSEI Operation QueryCcyDefn | |
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5.2 Testing of Web Service via SOAP UI (eviware soapUI3.0.1)

The above Testing of web service can also be done via SOAP UI as follows:



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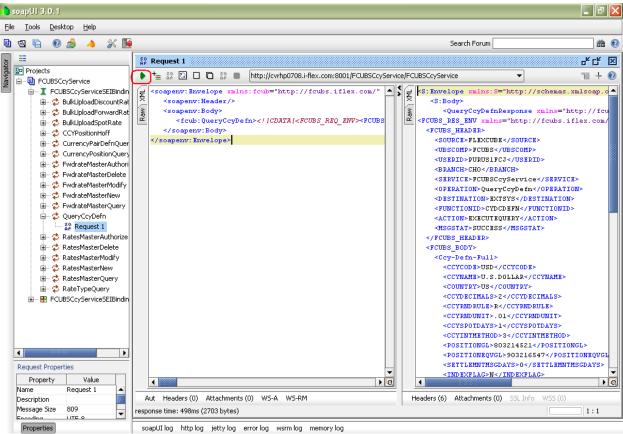
Configure the Outgoing WS- Security Configurations by double clicking the project and navigating to the

- 10. Create a new request for the operation, which you want to invoke.
- 11. Configure the Authentication and security related setting by going to Aut Section as shown to apply the WS-User Token into the request.



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12. Run the request by clicking the button as shown.



soapUI log http log jetty log error log wsrm log memory log





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