Oracle Web Service Manager Implementation Guide Oracle FLEXCUBE Universal Banking Release 12.87.06.0.0 [May] [2020]

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.

ORACLE WebLogic Server® Administration Console								
Change Center 1	Hom	e Log Out Preferences 🔤 Record Help	Q	W	elcome, weblogic	Connected to: soa_domair		
View changes and restarts	Home >Summary of JDBC Data Sources >Summary of Deployments >GW_EJB_Bean >Summary of Deployments >build >Summary of Deployments >FCUBSCcyService >Summary of Deployments >FCUBSCcyService >Summary of Deployments							
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.								
Domain Structure	20110							
Multi Data Sources	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.							
Data Source Factories	Deploy	yments						
Foreign JNDI Providers	Insta	Update Delete Start V Stop V			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 		DefaultToDoTaskFlow	Active	🖋 ок	Enterprise Application	314
 Monitor the modules of an Enterprise application 			Active	🖋 ок	Web Application	190
Deploy EJB modules Install a Web application		⊕ Coem	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
		E FMW Welcome Page Application (11.1.0.0.0)	Active	🖋 ОК	Enterprise Application	150
□ ⊘ FtpAdapte			Active	🖋 ОК	Resource Adapter	325
	Insta	Update Delete Start V Stop V			Showing 1 to 10	of 26 Previous Next

2. Navigate to the Configuration tab.

ORACLE WebLogic Server® Administration Console									
Change Center	Home Log	Out Preferenc	es 🔤 Rec	ord Help		٩	Welcome, weblogic	Connected to: soa_domain	
View changes and restarts Home >Summary of Deployments >GW_EIB_Bean >Summary of Deployments >build >Summary of Deployments >FCUBSCcyService >Summary of Deploymen								/Service >Summary of	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Settings for FC	UBSCcyServi	ice						
	Overview	Configuration	Security	Testing	Monitoring				
Domain Structure	<u> </u>								
soa_domain	Java Web Ser Service. This page disp	rvice (JWS) file blays the gener	, which is a . al configura	Java class	that uses JWS n eployed Web Se	netadata annotatio rvice, such as the	other systems on a network. It is ons to specify the shape and beh name that appears in the Deploy name that appears in the WSDL	avior of the Web	
Data Source Factories	Deployment	Deployment Name:			cyService		The name of the Web Service as it appears in the Deployments table. More Info		
Foreign JNDI ProvidersWork ContextsXML RegistriesXML Entity Caches	Module Name	2:		FCUBSC	cyService.war		The name of the Web Service file or EJB JAR file depending of features it implements. More	n the Web Service	
How do I Start and stop a Web Service View the Web Service configuration View the WSDL of a Web Service	Service Name	e:		FCUBSC	cyService		The name of this Web Service. WSDL file that defines the pub Service. More Info		

3. Click 'WS-Policy'.



Configuration editing is enabled. Future changes will automatically be activated as you modify. add or delete items in this domain.								
modiry, add or delete items in this domain.	Overview Configuration Secu	rity Testing Monitoring						
Domain Structure	General Handlers WSDL	S-Policy Port Components						
sọa_domain								
I Environment	Save							
Deployments	Take							
Ė-Services								
Hessaging	Use this name to view the general of	of duration of this Web Service, such as the two	e of archive it is packaged in (WAR or EJB JAR), the file					
Ė-JDBC	that contains the Web Service imple		e of archive real packaged in (ware or ESD SAR), are nic					
Data Sources								
Multi Data Sources								
Data Source Factories	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					
Hann da T			Info					
How do I	-							
Start and stop a Web Service	Implementation Type:	WAR						
View installed Web Services								
	Implementation Source:	FCUBSCcyService.war						
 View the WSDL of a Web Service 								
Monitor a Web Service	🐻 WSDL Publish File:		Flag that specifies whether to publish the WSDL of the					
Install a Web Service	_		deployed Web Service for JAX-RPC Web Services. Note 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.

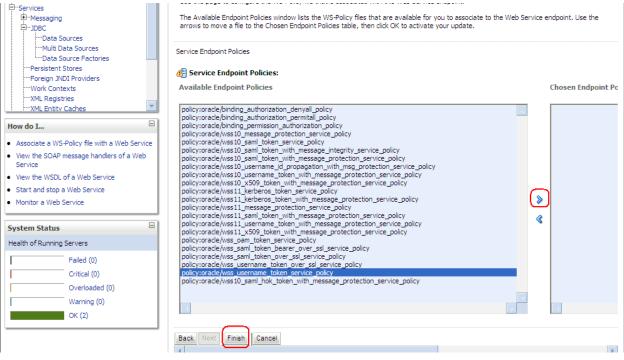
ORACLE WebLogic Server® Administration Console										
Change Center	🙆 Home	Log Out Pre	eference	s 🔤 Record	Help		٩	Welcome, v	veblogic	Connected to: soa_domain
View changes and restarts	View changes and restarts Home > Summary of Deployments > GW_EJB_Bean > Summary of Deployments > build > Summary of Deployments > FCUBSCcyService > Summar							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									
mounty, and of delete remoins and domain	Overview	Configu	ration	Security	Testing	Monitoring				
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Multi Data Sources								SI	nowing 1	to 1 of 1 Previous Next
***Persistent Stores Service Endpoints and Operations in the service Endpoints and Operations in						Policies				
Work Contexts Work Contexts Work Contexts Work Contexts Work Contexts Work Contexts Showing 1 to 1 of 1 Previous Next							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'.



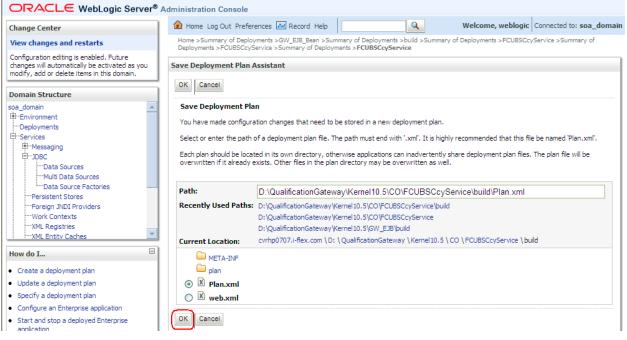
	Administration Console
Change Center	🏠 Home Log Out Preferences 🖾 Record Help
View changes and restarts	Home >Summary of Deployments >GW_EIB_Bean >Summary of Deployments >build >Summary of Deployments >FCUBSCcyService >Summary of Deployments >FCUBSCcyService >Summary of Deployments > FCUBSCcyService
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Configure a WebService policy
Domain Structure	Back Next Finish Cancel
soa_domain	Configure the Policy Type for a Web Service Use this page to configure which kind of policies (WebLogic or OWSM) this Web Service will use. Note: Once you have added a policy to this Web Service, you will only be able to add policies of the same type unless you remove all of the policies from this Web Service's endpoints and operations first.
Multi Data Sources	Which kind of Web Service policies should this Web Service use?
Persistent Stores Foreign JNDI Providers Work Contexts	္ 😤 WebLogic
XML Registries	 ● ∰ 0WSM
How do I	Back Next Finish Cancel
Associate a WS-Policy file with a Web Service	

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

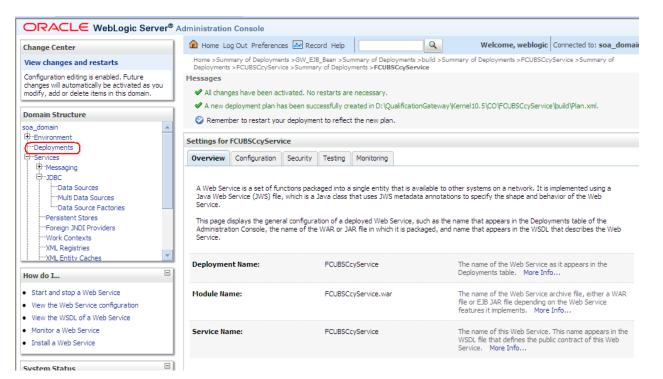


7. Update the plan.xml.



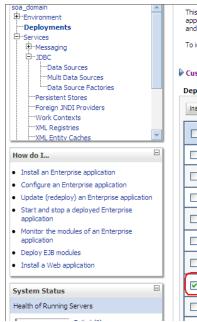


8. Click on Deployment to restart the application to reflect the plan.



9. 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.

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Deployments

Insta	Install Update Delete Start Stop Showing 1 to 10 of 26 Previous Next								
	Name 🔗	When work completes		th	Туре	Deployment			
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	🕀 📑 b 2bui		Active	🖋 ок	Enterprise Application	313			
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			Active	🖋 ок	Enterprise Application	314			
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	⊞ [<mark>B</mark> em		Active	🖋 ок	Enterprise Application	400			
		J	Active	🖋 ок	Enterprise Application	100			
			Active	🖋 ок	Resource Adapter	321			

10. Starting the application.

soa_domain	Contro	I Monitoring						
	applica and us	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.						
Persistent Stores Foreign JNDI Providers Work Contexts		omize this table						
XML Registries	Instal	Update Delete Start Stop V			Showing 1 to 10 c	of 26 Previous Ne		
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		æ []b2bui	Active	🖋 ок	Enterprise Application	313		
application Monitor 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		æ []em	Active	🖋 ок	Enterprise Application	400		
Health of Running Servers	6	FCUBSCcyService	Prepared	🖋 ок	Enterprise Application	100		
Failed (0) Critical (0)			Active	🖋 ок	Resource Adapter	321		

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



Domain Structure	S	Summary of Deployments							
soa_domain		Contro	Monitoring						
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		mora				Showing 1 to 10	of 26 Previous Nex		
100 00 1			Name 🗞	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		
application Monitor the modules of an Enterprise	111			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				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					L	
Update (redeploy) an Enterprise application			Active	🖋 ок	Resource Adapter	322
 Start and stop a deployed Enterprise application 		Contract DefaultToDoTaskFlow		🖋 ок	Enterprise Application	314
 Monitor the modules of an Enterprise application 			Active	🖋 ок	Web Application	190
Deploy EJB modules Install a Web application		€ Com	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
		FMW Welcome Page Application (11.1.0.0.0)		🖋 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						
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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		>build >Summary of Deployments >FCU >Summary of Deployments >FCUBSCcy!	JBSCcyService >Summary of Deployments >FCUBSCcyService >Summary of Service
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Settings for FCUBSCcyService		
Domain Structure	Coniguration Se	ecurity Testing Monitoring	
soa_domain	Java Web Service (JWS) file, wh Service. This page displays the general o	hich is a Java class that uses JWS meta	is available to other systems on a network. It is implemented using a adata annotations to specify the shape and behavior of the Web ce, such as the name that appears in the Deployments table of the packaged, and name that appears in the WSDL that describes the Web The name of the Web Service as it appears in the Deployments table. More Info 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

	👼 DbAdapter	Active	≪ ок	Resource Adapter	322
	GDefaultToDoTaskFlow	Active	✓ ок	Enterprise	314
		Active	🖋 ок	Web Application	190
	🗈 📑em	Active	🖋 ок	Enterprise Application	400
	E FCUBSCcyService	Active	🖋 ок	Enterprise Application	100
	🗆 Modules				
	FCUBSCcyService			Web Application	
	🗆 EJBs				
	None to display				
	🖂 Web Services				
	(CUBSCcyService			Web Service	
		Active	🖋 ок	Resource Adapter	321
		Active	🖋 ок	Enterprise Application	150
		Active	🖋 ОК	Resource Adapter	325
Insta	Update Delete Start V Stop V	Showing 1 to 10	of 26 Previous Nex		
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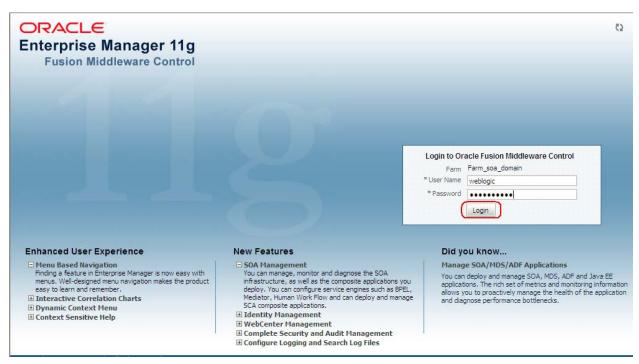
	Administratio	on Consol	le							
Change Center	Home I	Log Out Pre	eference	s 📐 Record	Help		Q	Welcome, weblogic	Connected to: soa_domain	
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⊖-Services ⊕-Messaging ⊖-JDBC Data Sources	P-Messaging 									
Multi Data Sources								Showing 1 t	o 1 of 1 Previous Next	
Persistent Stores Foreign JNDI Providers	Service Endpoints and Operations 🗞 Policies									
Work Contexts	FCUBSCcyServiceSEI policy:oracle/wss_username_token_service_policy									
XML Registries								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 weblog 7:58:50 PM GMT+05:30	
 		Deployments			🖻 Fusion Middleware		۷	
WebLogic Domain WebLogic Domain		100%	100%		20%		■ Down (1) ■ Up (4)	
		Name	Status	Target	Name	Status	Host	
		🖃 🛅 Application Deployments			🖃 🛅 WebLogic Domain			
		🗄 🛅 Internal Applications			🖃 🕂 soa_domain			
	4	표 🚞 Resource Adapters			📑 AdminServer	Û	cvrhp0707.i-flex	
		DefaultToDoTaskFlow	Û	soa_server1	📑 bam_server1	4		
		ECUBSCcyService	Û	soa_server1	🗐 soa_server 1	Ŷ	cvrhp0707.i-flex	
		🖰 GW_EJB_Bean	Û	soa_server1	🖃 🚞 Metadata Repositories			
		e worklistapp	Û	soa_server1	🐼 mds-owsm		cvrhp0707.i-flex	
		🖃 🚞 SOA			🐼 mds-soa		cvrhp0707.i-flex	
		🚟 soa-infra	$\mathbf{\hat{c}}$	soa_server1	🖃 🚞 User Messaging Service			
					usermessagingdriver-email (soa_ser	Û	cvrhp0707.i-flex	
					usermessagingserver (soa_server 1)	Û	cvrhp0707.i-flex	
					Farm Resource Center		6	

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

ORACLE [®] Enterprise	Ма	nag	ger 11g Fusion	Middlew	are Control								Se	tup 👻 Help	 Log Out 																			
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		<										r normistabb			Þ																			

4. Enter the WSDL URL of the web service for which policy is applied and click on Parse WSDL.



	Manager 11g Fusion Middleware Control	Setup ▼ Help ▼ Log Out
📑 Farm 👻 🖓 Topology		
⊟ ▼ ⊡ 📲 Farm_soa_domain	soa_domain ③ 중 WebLogic Domain ◄	Logged in as weblogic Page Refreshed Oct 26, 2009 8:06:46 PM GMT+05:30 ऎ
Application Deployments SOA SOA WebLogic Domain Soa domain Soa domain User Messaging Service	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 refreshes with the WSDL details, first select the Service, then select the Port, and then select the Operation parameters, and click Test Web Service. WSDL http://cvrhp0707.i-flex.com:8001/FCUBSCcyService/FCUBSCcyService?WSDL HTTP Basic Auth Option for WSDL Access	

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

	Manager 11g Fusion Middleware Control Setup 👻 Help 👻 Log	Out
📑 Farm 👻 🖓 Topology		
III ▼ IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	soa_domain ③ Logged in as webl → WebLogic Domain →	-
Application Deployments SOA WebLogic Domain Soa_domain Metadata Repositories User Messaging Service	Cest Web Service Web Service WsbL, including WSbLs that are not in the farm. To test a Web service, enter the WSbL and click Parse WSbL. When the page refershes with the WSbL details, first select the Service, then select the Operation that you want to test. Specify any input parameters, and click Test Web Service. WSbL http://cvrhp0707.I-flex.com:8001/FCUBSCcyService/FCUBSCcyService?WSbL Image: Colspan="2">Q Parse WSbL Parse WSbL HTTP Basic Auth Option for WSbL Access Service Parse WSbL Service FCUBSCcyService Port FCUBSCcyService Parse WSbL Port FCUBSCcyService Edit Endpoint URL Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Colspan="2"Colspan="2">Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"	
	Quality of Service WS-RM ③ WSDL Default ③ None ③ Custom Policy URI WS-Addressing ④ WSDL Default ③ None ④ Custom Policy URI	

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



	Manager 11g Fusion Middleware Control	Setup ▼ Help ▼ Log Out
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	soa_domain ● WebLogic Domain ● 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 WSD refreshes with the WSDL details, first select the Service, then select the Port, and then select the Operation that parameters, and click rest Web Service. WSDL Mtp://cvrhp0707.i-fex.com:8001/FCUBSCcyService/FCUBSCcyService?WSDL HTTP Basic Auth Option for WSDL Access Service Port FCUBSCcyServiceSEI Operation	t you want to test. Specify any input
	WS-Addressing ③ WSDL Default ③ None ④ Custom Policy URI	

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

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	soa_domain ③ WebLogic Domain ← Concurrent Ihreads 5		Page Refreshed (Logged in as weblogic Dct 26, 2009 8:20:07 PM GMT+05:30 🗘	
 SOA WebLogic Domain Soa_domain Metadata Repositories 	Loops per Thread 10 Delay in Milliseconds 1000				
I → Metadata Repositories I → User Messaging Service	Input Arguments Tree View				
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	* RequestMsg	string	<fcubs_req_env><fcubs_h< th=""><th></th></fcubs_h<></fcubs_req_env>		
	Request Response		C	Test Web Service	

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

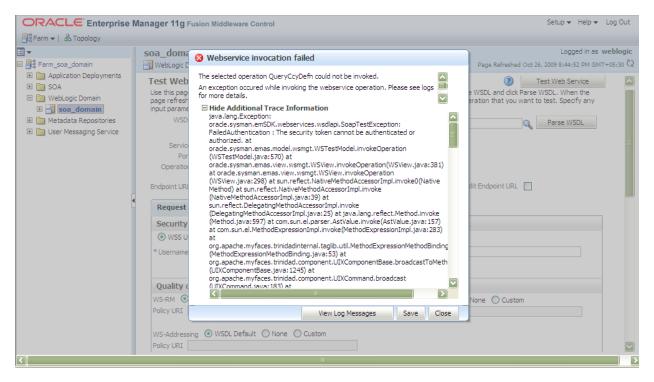


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Farm_soa_domain Application Deployments	soa_domain ④ ➡ WebLogic Domain ◄		Logged in as weblogic Page Refreshed Oct 26, 2009 8:44:52 PM GMT+05:30 ₵♪
Application Deployments A SOA WebLogic Domain M Soa_domain M Metadata Repositories User Messaging Service	refreshes with the WSDL of parameters, and click Test WSDL http://cvrl HTTP Basic Service FCUBSCcys Port FCUBSCcys Operation QueryCcy	letails, first select the Web Service. hp0707.i-flex.com:80i Auth Option for WSD service serviceSEI Defn p0707.i-flex.com:800 ssed	Test Web Service Ls that are not in the farm. To test a Web service, enter the WSDL and click Parse WSDL. When the page e Service, then select the Port, and then select the Operation that you want to test. Specify any input 0.1/FCUBSCcyService/FCUBSCcyService?WSDL Parse WSDL 10.1/FCUBSCcyService/FCUBSCcyService Edit Endpoint URL
	Name	Туре	Value
	ResponseMsg	string	<pre></pre> <pre><</pre>

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

	Manager 11g Fusion Middleware Control Setup 🔻 Help 🔻 Lo	og Out
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	soa_domain ③ Logged in as well WebLogic Domain ▼ Page Refreshed Oct 26, 2009 8:44:52 PM GMT+0 Test Web Service ② 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 parameters, and click Test Web Service. WSDL WSDL 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 WSDL Http://cvrhp1707.i-fex.com:8001/FCUBSCcyService/FCUBSCcyService?WSDL Q Parse WSDL HTTP Basic Auth Option for WSDL Access Service FCUBSCcyService Service	
	Port FCUBSCcyServiceSEI Operation QueryCcyDefn C Endpoint URL http://cvrhp0707.I-flex.com:8001/FCUBSCcyService/FCUBSCcyService Edit Endpoint URL Request Request Response Security	
	Veername weblogic12 Password Quality of Service WS-RM WSDL Default None Custom Policy URI WSDL Default None Custom Policy URI VS-Addressing WSDL Default None Custom Policy URI	





5.2 <u>Testing of Web Service via SOAP UI (eviware soapUI3.0.1)</u>

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

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



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Projects ProJBSCcyService PCUBSCcyServiceSElBinding CUBSCcyServiceSElBinding CUBSCcyService	Image: Security Configurations Image: Cuperview TestSuites Security Configurations Image: Cuperview Outgoing WS-Security Configurations Image: Cuperview Name Default Username/Alias Default Username Username Username Username Username Add Nonce: Adds a nonce Add Created: PasswordType: PasswordText	11 + 10
Project Properties Custom Properties Property Value Name FCUBSCcyService Description File Pt/soapul-3.0.1 V	resp	(0) (0) (4:28
Properties	soapUI log http log ietty log error log wsrm log memory log	

- 1. Create a new request for the operation, which you want to invoke.
- 2. 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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The second seco	** Request 1 *= #* **	ccyService/FCUBSCcyService	
Request Properties Property Value Name Request 1 Description Image: Size 809 Secondaria UTE 8	Incoming WSS: Authenders (0) Attachments (0) WS-A WS-RM respond Authentication and Security-related settings	Headers (6) Attachments (0) SSL Info WSS (0)	1:1

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

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	Request 1		8 ° K CK 🗙
	X <soapenv:header></soapenv:header> <soapenv:body> <fcub:queryccybefn><!--[CDATA[<FCUBS_REQ_ENV--><fcubs< td=""> </fcubs<></fcub:queryccybefn></soapenv:body>		E> ON> >>
Request Properties Property Value		<pre><settlemntmsgdays>0<indexflag>n</indexflag></settlemntmsgdays></pre>	-
Name Request 1 Description	Aut Headers (0) Attachments (0) WS-A WS-RM	Headers (6) Attachments (0) SSL Info WSS (0)) C
Message Size 809	response time: 498ms (2703 bytes)		1:1
Properties	soapUI log http log jetty log error log wsrm log memory log		







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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

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