REST API Services Deployment in WebLogic Oracle FLEXCUBE Investor Servicing Release 12.4.0.8.5 [January] [2019]



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1. Oracle FLEXCUBE Investor Servicing Solutions

1.1 Introduction

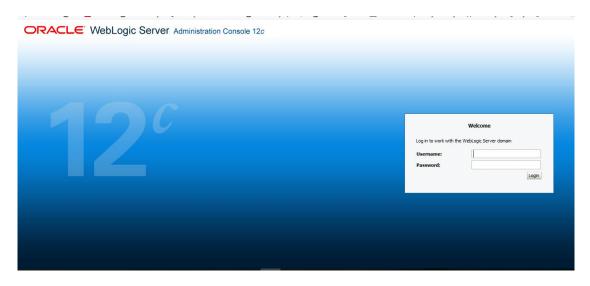
This document describes step to install REST Services into WebLogic application server in full.

1.2 Prerequisite

Before deploying the EAR, please create a Datasource **jdbc/FCJDevDSSMS** that will be referring to the API DB. More details of creating the data source can be found in the Resource Creation document.

1.3 REST EJB Services Full Deployment

1. Launch WebLogic console, the following screen is displayed



Username: Enter WebLogic user name

Password: Enter password for WebLogic



2. Click on 'Login' and the following screen is displayed:

Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: DefaultDoma
/iew changes and restarts	Home		
	Home Page		
Configuration editing is enabled. Future changes will automatically be activated as you	Home Page		
nodify, add or delete items in this domain.	- Information and Resources		
Iomain Structure	Helpful Tools	General Information	
-faultDomain	Configure applications	 Common Administration Task Descriptions 	
-Domain Partitions	 Configure GridLink for RAC Data Source 	 Read the documentation 	
-Environment	 Configure a Dynamic Cluster 	Ask a question on My Oracle Support	
Deployments Services	 Recent Task Status 		
Security Realms	 Set your console preferences 		
B-Interoperability B-Diagnostics	— Domain Configurations —		
	Domain	Resource Group Templates	Interoperability
	• Domain	Resource Group Templates	WTC Servers
			Jolt Connection Pools
	Domain Partitions	Resource Groups	
ow do I	Domain Partitions	Resource Groups	Diagnostics
	Partition Work Managers		Log Files
Search the configuration		Deployed Resources	Diagnostic Modules
Use the Change Center	Environment	Deployments	 Built-in Diagnostic Modules
Record WLST scripts	Servers		Diagnostic Images
Change Console preferences	Clusters	Services	Request Performance
Manage Console extensions	 Server Templates 	Messaging	Archives
Monitor servers	 Migratable Targets 	 JMS Servers 	Context
	Coherence Clusters	Store-and-Forward Agents	SNMP
System Status	 Machines 	 JMS Modules 	 Interceptors

3. Following screen will be displayed once Deployments is selected from 'Domain Structure'.

Change Center	🔒 🔒 F	🏦 Home Log Out Preferences 🔜 Record Help												
View changes and restarts	Hor	Home >Summary of Deployments												
Configuration editing is enabled. Future	Summary of Deployments													
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration Control Monitoring													
Domain Structure Defaul/Domain ©	Yo To	This page displays the list of Java EE applications and standalone application modules installed to this domain. You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page. To install a new application or module for deployment to targets in this domain, click Install . P Customize this table												
		Depkyments Install Update Delete												
-			te										Showing 1 to 20) of 20 Previous N
			te					State	Health	Туре	Targets	Scope	Showing 1 to 20	
How do L 🖂		stal Update Dele						State Active	Health	Type Resource Adapter	Targets DefaultServer, LEPSVR01, SERV01	Scope Global	-	
How do I Install an enterprise application Configure an enterprise application Update (redeput) an enterprise application		stal Update Dele	ction-rar							Resource	DefaultServer, LEPSVR01,		-	Deployment Ord
Install an enterprise application Configure an enterprise application		stal Update Dele	ction-rar					Active	🖋 ок	Resource Adapter Web	DefaultServer, LEPSVR01, SERV01 DefaultServer, LEPSVR01,	Global	-	Deployment Ord
Install an enterprise application Configure an enterprise application Update (redeploy) an enterprise application Monitor the modules of an enterprise		Stall Update Dele I Name Image: Constraint of the start of the	ction-rar					Active Active	 ✓ ок ✓ ок 	Resource Adapter Web Application Enterprise	DefaultServer, LEPSVR01, SERV01 DefaultServer, LEPSVR01, SERV01	Global	-	Deployment Orde



4. Click 'Install' from the Deployments following screen will be displayed.

ORACLE WebLogic Server Ad	ministrat	tion Console 12c								ç	
Change Center	🟦 На	😭 Home Log Out Preferences 🔄 Record Help									
View changes and restarts	Home	Home > Summary of Deployments									
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.		Summary of Deployments Configuration Control Monitoring									
DefaultDomain DefaultDomain DefaultDomain DefaultDomain Deployments Deployment	This page displays the list of Java EE applications and standalone application modules installed to this domain. You can update (redeptoy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page. To install a new application or module for deployment to targets in this domain, click Install . Customize this table Deployments										
	Ins	stall Update Delete							Showing 1 to 20	of 20 Previous Next	
		Name 🗠		State	Health	Туре	Targets	Scope	Domain Partitions	Deployment Order	
tow do I 🖂		Groherence-transaction-rar		Active	🕫 ок	Resource Adapter	DefaultServer, LEPSVR01, SERV01	Global		100	
Install an enterprise application Configure an enterprise application Update (redeploy) an enterprise application		OMS Application (12.2.1.1.0)		Active	🖋 ок	Web Application	DefaultServer, LEPSVR01, SERV01	Global		5	
Monitor the modules of an enterprise application	C C C C C C C C C C C C C C C C C C C							100			
Deploy EJB modules Install a Web application				New		Enterprise Application	LEPSVR01	Global		100	
Curture Chattan				Active	🖋 ОК	Enterprise Application	DefaultServer	Global		100	

Path

Enter the complete path of the EAR

5. Click on 'Next' and the following screen is displayed:

	dministration Console 12c		Q			
Change Center	A Home Log Out Preferences	Record Help	Welcome, weblogic Connected to: DefaultDomain			
View changes and restarts	Home >Summary of Deployments					
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Install Application Assistant Back Next Finish Cancel					
Domain Structure	Locate deployment to install	and prepare for deployment				
DefaultDomain	directory or file in the Path field.	s the application root directory, archive file, exploded archive directory, or application module desc layed below. If you cannot find your deployment files, <mark>upload your file(s)</mark> and/or confirm that your				
Security Realms	Path:	C:\Users\sramabad\AppData\Roaming\JDeveloper\system12.2.1.3.42.170820.0914\DefaultDomain\servers\DefaultServer\upload\FCISFundPrefR				
Diagnostics	Recently Used Paths:	C:\Users\sramabad\AppData\Roaming\JDeveloper\system12.2.1.3.42.170820.0914\DefaultD \FCISFundPrefRestService.ear\app	Domain\servers\DefaultServer\upload			
		C:\Users\sramabad\AppData\Roaming\JDeveloper\system 12.2.1.3.42.170820.0914\DefaultE \FCISUnitholderRestServiceService.ear\app	Domain \servers \DefaultServer \upload			
		C:\Users\sramabad\AppData\Roaming\JDeveloper\system12.2.1.3.42.170820.0914\DefaultE	Domain \servers \DefaultServer \upload \GWRestEJB.ear \app			
		C:\Users\sramabad\AppData\Roaming\JDeveloper\system 12.2.1.3.42.170820.0914\DefaultE	Domain \servers \DefaultServer \upload \NEWR AD 142. war \app			
How do I	Current Location:	ofss220392 \C: \Users \sramabad \AppData \Roaming \JDeveloper \system 12.2.1.3.42.1 FCISFundPrefRestService.ear \app	170820.0914 \DefaultDomain \servers \DefaultServer \upload \			
Start and stop a deployed enterprise	C To FCISFundPrefRestSe	rvice.ear				
application	Back Next Finish Cancel]				
Configure an enterprise application						
Create a deployment plan						
 Target an enterprise application to a server instance 						
Test the modules in an enterprise application						
System Status						



6. Click on 'Next' and the following screen is displayed:

ORACLE WebLogic Server Ad	ministration Console 12c		Ŏ			
Change Center	🚹 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: DefaultDomain			
View changes and restarts	Home >Summary of Deployments					
Configuration editing is enabled. Future	Install Application Assistant					
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel					
Domain Structure	Upload a deployment to the Administration	n Server				
DefaultDomain @-Domain Partitions Ø-Environment -Deployments @-Services -Security Realms @-Interoperability	Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located the file, click the Next button to upload this deployment to the Administration Server. Deployment Archive: Browse No file selected.					
⊕ Diagnostics	Upload a deployment plan (this step is optional) A deployment plan is a configuration which can supplement the descriptors included in the deployment archive. A deployment will work without a deployment plan, but you can also upload a deployment plan archive now. This deployment plan archive will be a directory of configuration information packaged as a .jar file. See related links for additional information about deployment plans. Deployment Plan Archive: Browse No file selected.					
How do I	Back Next Finish Cancel					
 Start and stop a deployed enterprise application 						

	Administration Console 12c	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: DefaultDomain
View changes and restarts	Home >Summary of Deployments	
Configuration editing is enabled. Future	Install Application Assistant	
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel	
Domain Structure	Upload a deployment to the Administration Server	
Defailbonain B-Domain Partitions B-Environment I-Deployments B-Services B-Services B-Interoperability B-Deprostics	Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located the file, Administration Server. Deployment Archive: Browse GWRestEJB.ear Upload a deployment plan (this step is optional) Click the step is optional) Click the step is optional)	dick the Next button to upload this deployment to the
	A deployment plan is a configuration which can supplement the descriptors included in the deployment archive. A deployment typication which can supplement the descriptors included in the deployment plan archive will be a directory of configuration information packaged as a jar file. See related inis for additional information about	

ORACLE WebLogic Server Ad	Iministration Console 12c				Q		
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Q		Welcome, weblogic	Connected to: DefaultDomain		
View changes and restarts	Home >Summary of Deployments						
Configuration editing is enabled. Future	Install Application Assistant						
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel						
Domain Structure	Upload a deployment to the Administration	Server					
DefaultDomain & -Domain Partitions & -Environment Deployments & -Services Security Realms	Click the Browse button below to select an application Administration Server. Deployment Archive:	n or module on the machine from which you are curr Browse GWRestEJB.ear	ently browsing. When you hav	e located the file, click the Next button to upload this	deployment to the		
Interoperability Diagnostics	Upload a deployment plan (this step is option	nal)					
	A deployment plan is a configuration which can suppl now. This deployment plan archive will be a directory Deployment Plan Archive:				deployment plan archive		
		Browse No file selected.					
How do L	Back Next Finish Cancel						
Start and stop a deployed enterprise							



Click on 'Next' and the following screen is displayed:

	Administration Console 12c	
Change Center	Home Log Out Preferences	Record Help Velcome, weblogic Connected to: DefaultDom
View changes and restarts	Home >Summary of Deployment	ats
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Messages The file GWRestEJB.ear has b Install Application Assistant	been uploaded successfully to C: Users (pramabad) AppData (Roaming) Developer (pystem 12.2.1.3.42.170820.0914) DefaultDomain (pervers) DefaultServer (upload
Iomain Structure efaultDomain 9-Domain Partitions 9-Environment 9-Deployments 9-Services	Back Next Finish Canc Locate deployment to insta	and and prepare for deployment all and prepare for deployment ents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install. You can also enter the path of the application
Security Realms B-Interoperability B-Diagnostics	Note: Only valid file paths are d	deplayed below. If you cannot find your deployment files, Upload your file(s) and/or confirm that your application contains the required deployment descriptors.
		C:\Users\sramabad\AppData\Roaming\JDeveloper\system12.2.1.3.42.170820.0914\DefaultDomain\servers\DefaultServer\upload\GWRestEJB.ear
	Recently Used Paths:	C: Uberstanabad/WppData/Roaming UDeveloper/system 12.2.1.3.42.170820.0914/DefaultDomain/servers/DefaultServer/upload \FCISFundPreRkesService.ear/app
	Recently Used Paths:	C: /Users \sramabad \AppData \Roaming \Developer \system 12.2.1.3.42.170820.0914 \DefaultDomain \servers \DefaultServer \upload
ow do I 🗆	Recently Used Paths:	C: Users (sranabad/kpp0)ata (koaming UDeveloper (system 12. 2. 1. 3. 42. 170820. 0914/Defaul/Domain/pervers/Defaul/Server/upload VCISFundherRiesElservice.car/upp C: Users (sranabad/kpp0ata (koaming UDeveloper /system 12. 2. 1. 3. 42. 170820. 0914/Defaul/Domain/pervers/Defaul/Server/upload
	Recently Used Paths:	C:\User\transbad\UppOata\Tooming\UDevelope\'pystem12.2.1.3.42.170820.0914'Defaul/Domain\pervers\Defaul/Server\upboad \VCL\User\transbad\UppOata\Tooming\UDevelope\'pystem12.2.1.3.42.170820.0914'Defaul/Domain\pervers\Defaul/Server\upboad C:\User\transbad\UppOata\Tooming\UDevelope\'pystem12.2.1.3.42.170820.0914'Defaul/Domain\pervers\Defaul/Server\upboad \VCL\User\transbad\UppOata\Tooming\UDevelope\'pystem12.2.1.3.42.170820.0914'Defaul/Domain\pervers\Defaul/Server\upboad C:\User\transbad\UppOata\Tooming\UDevelope\'pystem12.2.1.3.42.170820.0914'Defaul/Domain\pervers\Defaul/Server\upboad
Start and stop a deployed enterprise application	Current Location:	C:\User\transbacl\UppData\Boaming\Derveloper\ystem 12.2.1.3.42.170820.0914\Defaul\Domain\perver\Defaul\Server\upboad \VCL\User\transbacl\UppData\Boaming\Derveloper\ystem 12.2.1.3.42.170820.0914\Defaul\Domain\perver\Defaul\Server\upboad \VCL\User\transbacl\UppData\Boaming\Derveloper\ystem 12.2.1.3.42.170820.0914\Defaul\Domain\perver\Defaul\Server\upboad \VCL\User\transbacl\UppData\Boaming\Derveloper\ystem 12.2.1.3.42.170820.0914\Defaul\Domain\perver\Defaul\Server\upboad \VCL\User\transbacl\UppData\Boaming\Derveloper\ystem 12.2.1.3.42.170820.0914\Defaul\Domain\perver\Defaul\Server\upboad\UPDData\Boaming\Derveloper\ystem 12.2.1.3.42.170820.0914\Defaul\Domain\perver\Defaul\Server\upboad\UPDData\Boaming\Derveloper\ystem 12.2.1.3.42.170820.0914\Defaul\Domain\perver\Defaul\Server\upboad\UPDDat\Boaming\Derveloper\ystem 12.2.1.3.42.170820.0914\Defaul\Domain\perver\Defaul\Server\upboad\UPDDat\Boaming\Derveloper\ystem 12.2.1.3.42.170820.0914\Defaul\Domain\perver\Defaul\Server\upboad\UPDDat\Server\upboad\UPDDat\Boaming\Derveloper\ystem 12.2.1.3.42.170820.0914\Defaul\Server\upboad\UPDDat\Server\upboad\UPDDat\Server\upboad\UPDDat\Boaming\Derveloper\ystem 12.2.1.3.42.170820.0914\Defaul\Server\upboad\UPDDat\Server\UpDdat\Server\upboad\UPDDat\Server\upboad\UPDDat\Server\upboad\UPDDat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\UpDdat\Server\Up
Start and stop a deployed enterprise		C:\Lsers\uranabad\u00dfata\u00

Click on 'Next' and the following screen is displayed

· · - ·										
	Iministration Console 12c			õ						
Change Center	😰 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic	Connected to: DefaultDomain						
View changes and restarts	Home >Summary of Deployments									
Configuration editing is enabled. Future	Install Application Assistant									
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Frindh Cancel									
Domain Structure	Choose installation type and scope	noose installation type and scope								
DefaultDomain B-Domain Partitions	Select if the deployment should be installed as an application or library. Also decide the scope of this deployment.									
Environment Deployments	The application and its components will be targeted to the same locations. This is the most common usage.									
Services Security Realms	() Install this deployment as an application									
 ⊕-Interoperability ⊕-Diagnostics 	Application libraries are deployments that are available for other deployments to share. Libraries should be available on all of the targets running their referencing applications.									
	🔿 Install this deployment as a library									
	🔿 Install this deployment as an application, but target the components individually									
	Useful when one or more of the modules or components must ha	we targets unique from the rest of the applicat	tion.							
How do I	Select a scope in which you want to install the deployment.									
 Start and stop a deployed enterprise application 	Scope:	Global 🗸								
Configure an enterprise application	Back Next Finish Cancel									
Create a deployment plan	Dack Mexic Trinon Calice									
 Target an enterprise application to a server instance 										

Click on 'Next' and the following screen is displayed



Select correct Server where the EAR to be deployed.

	dministration Console 12c	Q						
Change Center	🕜 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: DefaultDomain						
View changes and restarts	Home >Summary of Deployments							
Configuration editing is enabled. Future	Install Application Assistant							
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel							
Domain Structure	Select deployment targets							
DefaultDomain Domain Partitions	Select the servers and/or dusters to which you want to deploy this application. (You can reconfigure deployment targets later).							
Environment Composition Services								
Security Realms Interoperability	Servers							
Diagnostics	☑ DefaultServer							
	SERV01							
How do I 😑	Back Next Finish Cancel							
 Start and stop a deployed enterprise application 								
Configure an enterprise application								

Click on 'Next' and the following screen is displayed

	dministration Console 12c		Q					
Change Center	A Home Log Out Prefer	ences 🔤 Record Help	Welcome, weblogic Connected to: DefaultDomain					
View changes and restarts	Home >Summary of Depl	pyments						
Configuration editing is enabled. Future	Install Application Assistant							
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish	Back Next Finish Cancel						
Domain Structure	Optional Settings							
DefaultDomain B-Domain Partitions	You can modify these se	tings or accept the defaults.						
Domain Partitions B-Environment Deployments	* Indicates required fields	* Indicates required fields						
Services	- General							
Security Realms Interoperability	What do you want to name this deployment?							
Diagnostics	* Name:	*Name: CWRectF18-1						
		GWRESLEJD-1						
	- Security							
	What security model do you want to use with this application?							
How do I	DD Only: Use only r	oles and policies that are defined in the deployment descriptors.						
 Start and stop a deployed enterprise application 	🔿 Custom Roles: Use	roles that are defined in the Administration Console; use policies that	are defined in the deployment descriptor.					
Configure an enterprise application	Custom Roles and	Policies: Use only roles and policies that are defined in the Administra	tion Console.					
Create a deployment plan	O Advanced: Use a ci	stom model that you have configured on the realm's configuration p	nge.					
 Target an enterprise application to a server instance 	- Source Accessibility							
Test the modules in an enterprise application	How should the source file	- ha made						
	now should the source file	s de made accessibler						
System Status 🖃	Use the defaults d	fined by the deployment's targets						

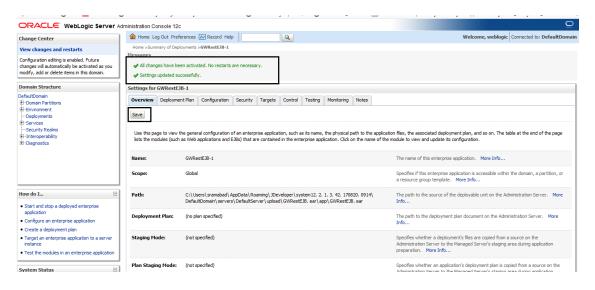


Click on 'Next' and the following screen is displayed

	ministration Consola	120					0		
Change Center		Home Log Out Preferences 🖉 Record Help Welcome, weblogic Connected to: DefaultDomain							
View changes and restarts	Home >Summary of	Deployments							
Configuration editing is enabled. Future	Install Application	Assistant							
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Fir	Back Next Finsh Cancel							
Domain Structure	Review your cho	ices and click Finish							
DefaultDomain	Click Finish to comp	lete the deployment. This may take	a few moments	to complete.					
Domain Partitions Environment	— Additional Confi	iguration							
Deployments	To order to work suc	cessfully, this application may requir	e additional cont	fouration. Do you want to rev	view this application's configu	ration after completing this assistant?			
Services Security Realms	in order to work suc	cession, and appreciation may requi		igaratori boʻyot nanctorev	new and appreciation a comiga	and a real completing the debatant.			
E-Interoperability	Yes, take me t	to the deployment's configurat	ion screen.						
Diagnostics	🔿 No, I will revie	w the configuration later.							
	— Summary —								
	Deployment:	C: \Users\sramabad\AppData\Roa \app\GWRestEJ8.ear	aming\JDevelope	r \system 12. 2. 1. 3. 42. 170820.	0.0914\DefaultDomain\server	s\DefaultServer\upload\GWRestEJB.ear			
How do I	Name:	GWRestEJB-1							
 Start and stop a deployed enterprise application 	Staging Mode:	Use the defaults defined by the c	hosen targets						
Configure an enterprise application	Plan Staging Use the same accessibility as the application								
Create a deployment plan	Mode:								
 Target an enterprise application to a server instance 	Security Model:	DDOnly: Use only roles and policie	es that are defin	ed in the deployment descript	tors.				
Test the modules in an enterprise application	Scope:	Global							
System Status	Target Summary	·							

Click on 'Finish' and the following screen is displayed

Click on 'Save' and the following screen is displayed on top it says "All changes have been activated. No restarts are necessary. Settings updated successfully."





1.4 REST Web Services Full Deployment

1. Launch WebLogic console, the following screen is displayed.



username: Enter WebLogic user name

password: Enter password for WebLogic

2. Click on 'Login' and the following screen is displayed:

	Administration Console 12c		Q
Change Center	😭 Home Log Out Preferences 🔤 Record Help	9	Welcome, weblogic Connected to: DefaultDomain
View changes and restarts	Home		
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Home Page - Information and Resources		
Domain Structure	Helpful Tools	General Information	
DefaultDomain ⊕ Oomain Partitions ⊕ Environment → Oegolyments ⊕ Services ⊕ Services ⊕ Services ⊕ Services ⊕ Services ⊕ Services ⊕ Services ⊕ Services ⊕ Services	Configure applications Configure applications Configure a Dynamic Cluster Recent Tail Status Set your conselex preferences Domain Configurations	Common Administration Task Descriptions Read the documentation Ask a question on My Oracle Support	
	Domain	Resource Group Templates	Interoperability
	• Domain	Resource Group Templates	WTC Servers Joit Connection Pools
	Domain Partitions	Resource Groups	
How do I	Domain Partitions Partition Work Managers	Resource Groups	Diagnostics • Log Files
Search the configuration Use the Change Center	Environment	Deployed Resources	Diagnostic Modules Built-in Diagnostic Modules
Record WLST scripts	Servers	Deployments	Diagnostic Images
Change Console preferences	Clusters	Services	Request Performance
Manage Console extensions Monitor servers System Status	Server Templates Migratable Targets Coherence Clusters Machines	Messaging JMS Servers Store-and-Forward Agents JMS Modules	Archives Context State Interceptors

3. Following screen will be displayed once Deployments is selected from 'Domain Structure'.

	-			-		-							. (
Change Center			e Log Out Preferences 🔤 Record Help		Q						We	come, weblogic Cor	nected to: DefaultDo
View changes and restarts		Home > Summary of Deployments											
Configuration editing is enabled. Future	Sun	Summary of Deployments Configuration Control Montoring											
changes will automatically be activated as you modify, add or delete items in this domain.	Ce												
Domain Structure DefaultDomain B-Domain PartBons B-Domports D-DepDyments D-Services D-Security Realms D-Security Realms B-Interoperability B-Interoperability B-Diagnostics	This page displays the list of Java EE applications and standalone application modules installed to this domain. You can update (redeplay) or delete installed application and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page. To install a new application or module for deployment to targets in this domain, click Install. © Customize this table Deployments												
		Install Update Delete Showing 1 to 20 of 20 Previous Next											
			Name 🗇				State	Health	Туре	Targets	Scope	Domain Partitions	Deployment Order
How do I			Scoherence-transaction-rar				Active	🖋 ок	Resource Adapter	DefaultServer, LEPSVR01, SERV01	Global		100
Install an enterprise application Configure an enterprise application Update (redeploy) an enterprise application	Image: Big DMS Application (12.2.1.1.0) Active V OK Web Application (Sector) DefaultServer, (EPS/N0.1, EPS/N0.1, EPS/							5					
Monitor the modules of an enterprise application	1	Image: Constraint of the second sec								100			
Deploy EJB modules Install a Web application													
Curtan Chatra D			FCISFundPrefRestService				Active	🖋 ок	Enterprise Application	DefaultServer	Global		100

4. Click 'Install' from the Deployments following screen will be displayed.

	- dministra	ation Cr				-			-							
Change Center		🙆 Home Log Out Preferences 🖾 Record Help								nected to: DefaultDom						
View changes and restarts	Hon	ne >Sum	mary of Deploy	yments												
Configuration editing is enabled. Future	Sum	Summary of Deployments														
changes will automatically be activated as you modify, add or delete items in this domain.	Con	onfiguration Control Monitoring														
Domain Structure	Th	This page displays the list of Java EE applications and standalone application modules installed to this domain.														
DefaultDomain		ins page aspays the list of Java EE applications and standaione application modules installed to this domain. You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.														
Environment										ocox ne.	xt to the a	ppication nat	ne and then usin	g the con	orois on ons page.	
Deployments	To	install a	new application	n or mod	dule for deplo	yment to targ	gets in this do	main, dick Inst	tall.							
E Services																
E Interoperability	🖗 Cu	₽ Customize this table														
Diagnostics	De	Deployments														
	In	istal	Jpdate Dele	te											Showing 1 to 20	of 20 Previous Next
		Nam	e 🊕							State	Health	Туре	Targets	Scope	Domain Partitions	Deployment Order
How do L] @0	herence-transa	iction-ra	ar					Active	🖋 ок	Resource Adapter	DefaultServer, LEPSVR01, SERV01	Global		100
Install an enterprise application													DefaultServer,			
Configure an enterprise application] 🖽 🐻	DMS Applicatio	on (12.2	2.1.1.0)					Active	🖋 ОК	Web Application	LEPSVR01,	Global		5
Update (redeploy) an enterprise application		SERVOI														
 Monitor the modules of an enterprise application 	Image: CISAppOL01 Active Image: CISAppOL01 DefaultServer Global 100							100								
Deploy EJB modules		Enterprise LEPSVR01 Global 100								100						
Install a Web application		1-4)									Application		C.C.DU		
Curbon Chabus] 🗉 🗖	FCISFundPref	RestSer	vice					Active	🖋 ок	Enterprise Application	DefaultServer	Global		100

Path

Enter the complete path of the EAR



5. Click on 'Next' and the following screen is displayed:

	Iministration Console 12c				Q				
Change Center	🙆 Home Log Out Preferences 🛽	Record Help	Q		Welcome, weblogic Connected to: DefaultDomain				
View changes and restarts	Home >Summary of Deployments	Home > Summary of Deployments							
Configuration editing is enabled. Future	Install Application Assistant								
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel								
Domain Structure	Locate deployment to install	and prepare for deploy	yment						
DefaultDomain Domain Partitions Deployments Deployments Descrices	directory or file in the Path field.				le descriptor that you want to install. You can also enter the path of the application at your application contains the required deployment descriptors.				
Security Realms Interoperability	Path:	C:\Users\sramabad\AppData\Roaming\JDeveloper\system12.2.1.3.42.170820.0914\DefaultDomain\servers\DefaultServer\upload\FCISFundPrefRv							
Diagnostics	Recently Used Paths:	C:\Users\sramabad\uppCata\Roaming\Developer\system12.2.1.3.42.170820.0914\DefaultDomain\servers\DefaultServer\upboad \FCISFundPreResIService.ear\app							
		C: [Users]sramabad/AppData?Roaming];\Developer\system 12.2.1.3.42.170820.0914[DefaultDomain\servers]DefaultServer\upload \FCISUnitholderRestServiceService.ear app							
		C:\Users\pramabad\AppData\Roaming\Developer\system 12.2.1.3.42.170820.0914\DefaultDomain\servers\DefaultServer\upload\GWRestEJ8.ear\app							
					DefaultDomain\servers\DefaultServer\upload\WEWRAD142.war\app				
How do I	Current Location:	ofss220392 \C: \Us FCISFundPrefRestSe		ning \JDeveloper \system 12.2.1	.3.42.170820.0914 \DefaultDomain \servers \DefaultServer \upload \				
Start and stop a deployed enterprise	O To FCISFundPrefRestSe	vice.ear							
application • Configure an enterprise application	Back Next Finish Cancel								
Create a deployment plan									
 Target an enterprise application to a server instance 									
Test the modules in an enterprise application									
System Status									

6. Click on 'Next' and the following screen is displayed:

ORACLE WebLogic Server Ad	Iministration Console 12c		Q					
Change Center	😭 Home Log Out Preferences 🗵 Record Help							
View changes and restarts	Home >Summary of Deployments							
Configuration editing is enabled. Future	Install Application Assistant							
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel							
Domain Structure	Upload a deployment to the Administration Serv	ver						
DefaultDomain @-Domain Partitions Ø-Environment -Deployments @-Services Security Realms @ 'Interoperability	Click the Browse button below to select an application or n Administration Server. Deployment Archive:	module on the machine from which you are curre Browse No file selected.	ently browsing. When you have located the file, click the Next button to upload this deployment to the					
E-Diagnostics	Upload a deployment plan (this step is optional)							
	now. This deployment plan archive will be a directory of co		chive. A deployment will work without a deployment plan, but you can also upload a deployment plan archive See related links for additional information about deployment plans.					
	Deployment Plan Archive:	Browse No file selected.						
How do I	Back Next Finish Cancel							
Start and stop a deployed enterprise application								

	Q	
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: DefaultDomain
View changes and restarts	Home >Summary of Deployments	
Configuration editing is enabled. Future	Install Application Assistant	
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel	
Domain Structure	Upload a deployment to the Administration Server	
DefaultDomain B-Domain Partitions B-Environment	Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have Administration Server.	located the file, click the Next button to upload this deployment to the
Deployments B-ServicesSecurity Realms B-Interoperability	Deployment Archive: Browse GWRestEJB.ear	
Diagnostics	Upload a deployment plan (this step is optional)	
	A deployment plan is a configuration which can supplement the descriptors included in the deployment archive. A deployment will work wi now. This deployment plan archive will be a directory of configuration information packaged as a .jar file. See related inks for additional in	



· ·		
	dministration Console 12c	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: DefaultDomain
View changes and restarts	Home >Summary of Deployments >GWRestEJB-1 >Summary of Deployments	
Configuration editing is enabled. Future	Install Application Assistant	
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel	
Domain Structure	Upload a deployment to the Administration Server	
DefaultDomain Domain Partitions Deformment Deployments	Click the Browse button below to select an application or module on the machine from which you are currently Administration Server.	browsing. When you have located the file, click the Next button to upload this deployment to the
Services Security Realms Definition	Deployment Archive: Browse FCISUnitholderRestServiceService	ear
B Diagnostics	Upload a deployment plan (this step is optional)	
	A deployment plan is a configuration which can supplement the descriptors included in the deployment archive. now. This deployment plan archive will be a directory of configuration information packaged as a .jar file. See	
	Deployment Plan Archive: Browse No file selected.	
How do I 😑	Back Next Finish Cancel	
 Start and stop a deployed enterprise application 		
Configure an enterprise application		
Create a deployment plan		
Target an enterprise application to a server		

7. Click on 'Next' and the following screen is displayed

	dministration Console 12c				Q
Change Center	A Home Log Out Preferences	Record Help	Q		Welcome, weblogic Connected to: DefaultDomain
View changes and restarts		>GWRestEIB-1 >Summary of Deployn	ients		
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Messages The file FCISUnitholderRestS Install Application Assistant	erviceService.ear has been uploaded	successfully to C:\Users\sramabad\A	lppData\Roaming\JDeveloper\system	12.2.1.3.42.170820.0914/DefaultDomain/servers/DefaultServer/upload
Domain Structure	Install Application Assistanc				
DefaultDomain ⊕*Domain PartBions ⊕*Environment ⊨*Decisyments ⊕*Services ⊨*Security Realms ⊕*Interoperability ⊕*Diagnostics	Select the file path that represe directory or file in the Path field.	III and prepare for deployment III and prepare for deployment isplayed below. If you cannot find you C:\Users\sramabad\AppCata\U C:\Users\sramabad\AppCata\U C:\Users\sramabad\AppCata\U C:\Users\sramabad\AppCata\U C:\Users\sramabad\AppCata\U C:\Users\sramabad\AppCata\U	ur deployment files, Upload your file(Data\Roaming\JDeveloper\syste Roaming\JDeveloper\system 12.2.1.3 Roaming\JDeveloper\system 12.2.1.3	(s) and/or confirm that your application (cm12.2.1.3.42.170820.0914\De (cm12.2.1.3.42.170820.0914\De (cm12.2.1.0820.0914\De (cm12.2.170820.0914\De (cm12.2.170820.0914\De (cm12.2.170820.0914\De (cm12.2.170820.0914\De (cm12.2.170820.0914\De (cm12.2.170820.0914)(cm12.2.170820.0914)(cm12.2.170820.0914)(cm12.2.170820.0914)(c	
How do I		VFCISUnitholderRestServiceSe	rvice.ear\app	3.42.170820.0914\DefaultDomain\se	vers\DefaultServer\upload
 Start and stop a deployed enterprise application 	Current Location:	ofss220392 \C: \Users \sram FCISUnitholderRestServiceSer		oper \system 12.2.1.3.42.170820.09	14 \DefaultDomain \servers \DefaultServer \upload \
Configure an enterprise application	FCISUnitholderRes	ServiceService.ear			
Create a deployment plan					
Target an enterprise application to a server instance	Back Next Finish Cano	el .			
Test the modules in an enterorise application	L				

8. Click on 'Next' and the following screen is displayed

· · - ·		en de la service de
	Idministration Console 12c	Q
Change Center	🔒 Home Log Out Preferences 🖂 Record Help	Welcome, weblogic Connected to: DefaultDomain
View changes and restarts	Home >Summary of Deployments	
Configuration editing is enabled. Future	Install Application Assistant	
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel	
Domain Structure	Choose installation type and scope	
DefaultDomain	Select if the deployment should be installed as an application or library. Also decide the scope of this deployment.	
Environment Deployments	The application and its components will be targeted to the same locations. This is the most common usage.	
E-Services	Install this deployment as an application	
Interoperability Diagnostics	Application libraries are deployments that are available for other deployments to share. Libraries should be available on all	of the targets running their referencing applications.
	○ Install this deployment as a library	
	\bigcirc Install this deployment as an application, but target the components individually	
	Useful when one or more of the modules or components must have targets unique from the rest of the application.	
How do I 😑	Select a scope in which you want to install the deployment.	
 Start and stop a deployed enterprise application 	Scope: Global 🗸	
Configure an enterprise application	Part Intel Part	
 Create a deployment plan 	Back Next Finish Cancel	
 Target an enterprise application to a server 		

9. Click on 'Next' and the following screen is displayed. Select correct Server where the EAR to be deployed.

	dministration Console 12c	Q
Change Center	🔒 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: DefaultDomain
View changes and restarts	Home >Summary of Deployments	
Configuration editing is enabled. Future	Install Application Assistant	
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Cancel	
Domain Structure	Select deployment targets	
DefaultDomain (+) - Domain Partitions (+) - Deployments (+) - Deployments (+) - Security Realms (+) - Interoperability	Select the servers and/or clusters to which you want to deploy this application. (You can reconfigure deployment targets later). Available targets for GWRestEJB-1: Servers	
Diagnostics	☑ DefaultServer	
	SERV01	
How do I	Part New Could	
 Start and stop a deployed enterprise application 	Back Next Finish Cancel	
 Configure an enterprise application 		

10. Click on 'Next' and the following screen is displayed

	dministration Console 12	2c	Q							
Change Center	Home Log Out Pre	eferences 🔤 Record Help	Welcome, weblogic Connected to: DefaultDomai							
View changes and restarts	Home >Summary of De	ployments >GWRestEJB-1 >Summary of Deployments								
Configuration editing is enabled. Future	Install Application As	Install Application Assistant								
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finis	h Cancel								
Domain Structure	Optional Settings									
DefaultDomain Domain Partitions Domain Partitions DefenvironmentDeployments Deformers Deformers	Partitions To Lice moonly mease settings or accept the defaults. Partitions Indicates required fields ents Indicates required fields									
	What do you want to r	name this deployment?								
ter-Diagnostics	* Name:	FCISUnitholderRestServiceService-								
	- Security									
	What security model do you want to use with this application?									
How do I	DD Only: Use on	y roles and policies that are defined in the deployment descriptors.								
 Start and stop a deployed enterprise application 	O Custom Roles: U	O Custom Roles: Use roles that are defined in the Administration Console; use policies that are defined in the deployment descriptor.								
Configure an enterprise application	Custom Roles ar	O Custom Roles and Policies: Use only roles and policies that are defined in the Administration Console.								
Create a deployment plan O Advanced: Use a custom model that you have configured on the realm's configuration page.										
instance - Source Accessibility -										

11. Click on 'Next' and the following screen is displayed

	ministration Console	12c	Q
Change Center	🔒 Home Log Out	Preferences 🔤 Record Help	Welcome, weblogic Connected to: DefaultDomain
View changes and restarts	Home >Summary of	Deployments >GWRestEJB-1 >Summary of Deployments	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Install Application Back Next Fi	Assistant Cancel	
Domain Structure	Review your ch	sices and click Finish	
DefaultDomain	— Additional Con		
P-services (#-Services B-Interoperability B-Diagnostics	Yes, take me	cessfully, this application may require additional configuration. Do you want to review this application's configuration to the deployment's configuration screen. w the configuration later.	
	Deployment:	C:\Users\gramabad\AppData\Roaming\Developer\system12.2.1.3.42.170820.0914\DefaultDomain\servers\Defa \FCISUnitholderRestServiceService.ear\app\FCISUnitholderRestServiceService.ear	aultServer\upload
How do I 🖂	Name:	FCISUnitholderRestServiceService-1	
 Start and stop a deployed enterprise application 	Staging Mode:	Use the defaults defined by the chosen targets	
Configure an enterprise application	Plan Staging	Use the same accessibility as the application	
Create a deployment plan	Mode:		
 Target an enterprise application to a server instance 	Security Model:	DDOnly: Use only roles and policies that are defined in the deployment descriptors.	
Test the modules in an enterprise application	Scope:	Global	



12. Click on 'Finish' and the following screen is displayed

Click on 'Save' and the following screen is displayed on top it says "All changes have been activated. No restarts are necessary. Settings updated successfully."

ORACLE WebLogic Server Adm	inistration Console	12c						Q
Change Center	🔒 Home Log Out F	references 🔤 Record Help		Q				Welcome, weblogic Connected to: DefaultDomain
View changes and restarts		Deployments >GWRestEJB-1 >Sum	mary of Deployments	>FCISUnit	olderRest	ServiceServio	e-1	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.		been activated. No restarts are						
Domain Structure			ecurity Targets	Control	Testing	Monitorina	Notes	
DefaultDomain B ¹ -Domain Partitions B ¹ -Environment Deployments B ¹ -Services Security Realms B ¹ -Interoperability	Save Use this page to vie	ew the general configuration of a	n enterprise applica	tion, such a	s its name,	the physical p	oath to the	e application files, the associated deployment plan, and so on. The table at the end of the page ne of the module to view and update its configuration.
Diagnostics	Name:	FCISUnitholderRestServiceSe	ervice-1					The name of this enterprise application. More Info
	Scope:	Global						Specifies if this enterprise application is accessible within the domain, a partition, or a resource group template. More Info
How do I	Path:	C:\Users\sramabad\AppDa DefaultDomain\servers\Def FCISUnitholderRestServiceSe	aultServer\upload\					The path to the source of the deployable unit on the Administration Server. More ${\rm Info}_{\cdots}$
Start and stop a deployed enterprise application Configure an enterprise application	Deployment Plan:	(no plan specified)						The path to the deployment plan document on the Administration Server. More Info
Create a deployment plan Target an enterprise application to a server instance Test the modules in an enterprise application	Staging Mode:	(not specified)						Specifies whether a deployment's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info
		2						

To get wadl Link. Click Testing tab page

	Iministration Co	nsole 12c								Q
Change Center	Home Log	Out Preferences	🔁 Record Help			٩				Welcome, weblogic Connected to: DefaultDomain
View changes and restarts		ary of Deployments : > FCISUnitholderRest								viceService >Summary of Deployments >FCISUnitholderRestServiceService >Summary of
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for F	CISUnitholderRe	stServiceServi	ce						
modify, add or delete items in this domain.	Overview	Deployment Plan	Configuration	Security	Targets	Control	Testing	Monitoring	Notes	
Domain Structure	Save									
⊕-Domain Partitions ⊕-Environments ⊕-Services ⊕-Services ⊕-Interoperability		lules (such as Web a		JBs) that a						e application files, the associated deployment plan, and so on. The table at the end of the page me of the module to view and update its configuration. The name of this enterprise application. More Info
(€) -Diagnostics	Scope:	Global								Specifies if this enterprise application is accessible within the domain, a partition, or a resource group template. More Info
	Path:	DefaultD	s\sramabad\App Iomain\servers\D tholderRestService	efaultServe	er\upload\i					The path to the source of the deployable unit on the Administration Server. More ${\rm Info}_{\cdots}$
How do L	Deploymen	t Plan: (no plan	specified)							The path to the deployment plan document on the Administration Server. More



Click Service and click on '/application. wadl'

Thange Center	🔒 Home L	og Out Preferences	Record He	lp 🛛		Q						We	come, weblogi	ic Connected to: Defai	ultDoma
fiew changes and restarts		nmary of Deployments ts >FCISUnitholderRes								Service >Sun	mary of Depk	ments > FCISUnithol	lerRestServiceServ	vice >Summary of	
onfiguration editing is enabled. Future hanges will automatically be activated as you	Settings for	r FCISUnitholderRe	estServiceServ	vice											
nodify, add or delete items in this domain.	Overview	Deployment Plan	Configuration	Security	Targets	Control 1	Testing	Monitoring	Notes						
omain Structure															
-Environment Deployments		ing table includes all i	of the test points	s available fo	or this applica	ation or modu	de.								
9: Domain Partitions 9: Environment Deployments 9: Services Security Realms 9: Interoperability 9: Diagnostics	Deploym	ent Tests	of the test points				le.					"annante	Showin	ng 1 to 1 of 1 Previous	Next
- Environment - Deployments - Services - Services - Enteroperability		ent Tests	of the test points		r this applic Test Point		de.					Comments	Showin	ig 1 to 1 of 1 Previous	Next
- Environment - Deployments - Services - Services - Enteroperability	Deploym	ent Tests	-				le.					Comments	Showin	ıg 1 to 1 of 1 Previous	Next
- Environment - Deployments - Services - Services - Enteroperability	Deploym	ent Tests	-		Test Point							Comments Classloader Analysis			Next
- Environment - Deployments - Services - Services - Enteroperability	Deploym	ent Tests	Service		Test Point	:									Next
Environment -Deployments Services -Security Realms -Interoperability	Deploym	ent Tests	Service		Test Point	Analysis Tool							Tool on server De		Next
-Environment Depkyments Services Services Interoperability Diagnostics	Deploym Name & B FCISU Mils-ca FCI	ent Tests initholderRestServiceS at/Index.jsp ISUnitholderRestServ	Service		Test Point Classloader /	Analysis Tool		holderRestS	erviceServ			Classloader Analysis	Tool on server De		Next

1.5 Enabling Logs for REST Application

To enable logging following properties needs to be set in the logging.xml as mentioned below. Once the parameters are set all the logs are stored in the file ofss-rest-api.log.

• Provide the below entry in the file

```
{domain.home}\config\fmwconfig\servers\{server.name}\logging.xml
<log_handler name='ofss-handler' class='oracle.core.ojdl.logging.ODLHandlerFactory'
level='TRACE:1'>
```

<property name='path'

</logger>





RESTService Deployment WebLogic in Oracle FLEXCUBE [January] [2019] Version 12.4.0.8.5

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