# Deploying Oracle BankingApplication on WebSphere Oracle Banking Enterprise Limits and Collateral Management Release 14.5.0.0.0 [May] [2021]



# **Table of Contents**

1. D	DEPLOYING ORACLE FLEXCUBE ON WEBSPHERE	
1.1	INTRODUCTION	
1.2	DEPLOYING APPLICATION	
1.	1.2.1 Shared Library Deployment	
1.	1.2.2 FCUBS Application Deployment	
1	1.2.3 Link the adapter (Shared Libraries ) to the Application	
1.	1.2.4 FCUBS Scheduler Application Deployment	
1.	1.2.5 FCUBS GWEJB Application Deployment	
1.	1.2.6 FCUBS GWMDB Application Deployment	
1.	1.2.7 FCUBS HTTP Application Deployment	
1.	1.2.8 FCUBS GWWebServices Application Deployment	



# 1. Deploying Oracle FLEXCUBE on WebSphere

# 1.1 Introduction

This document explains the steps to deploy the Oracle FLEXCUBE UBS application on IBM WebSphere application server.

# 1.2 **Deploying Application**

### 1.2.1 Shared Library Deployment

To deploy Integration Adapter (OBCLExtAdapter.jar or ExtAdapter.jar) JAR on WebSphere application server, follow the steps given below:

- Copy Generated Integration Adapter (OBCLExtAdapter.jar or ExtAdapter.jar) to WebSphere Application server {Was\_profile}/Extadapter. Eg: /scratch/IBM8559/WebSphere/AppServer/profiles/BGV8559\_01/Extadapter
- 2. Open the Administrative Console of WebSphere server:
  - Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.
  - o Eg: https://10.10.10.1010/console
  - In the above example, 10.10.10 is the machine IP address on which WebSphere is running.



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3. The following screen is displayed:

- 4. Enter the user name and password and click 'Log In' to log in to the application server.
- 5. Navigate to the WebSphere Home Page.

The following screen is displayed.

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WebSphere. software		Welcome websphere Help   Logout IBM.
Viewi All tasks	Welcome	
Welcome	Welcome 7	About this Integrated Solutions Console
⊕ Guided Activities		Integrated Solutions Console, 9.0.0.0
Servers	Integrated Solutions Console provides a common administrative console for multiple products. The table lists the product suites that can be administered through this installation. Select a product suite to view more information.	Build Number: gm1621.04
Server Types		Build Date: 5/26/16
WebSphere application servers	Suite Name Version	LICENSED MATERIALS PROPERTY OF IBM
WebSphere MQ servers		5724-308, 5724-163, 5724-H88,5724-H89, 5655-W65 (C) Copyright International
Web servers	WebSphere Application Server 9.0.0.0	Business Machines Corp. 1996, 2012 *
E Applications		a de la companya de la
New Application		
Application Types		
Global deployment settings		
Services		
Service providers		
Service clients  Policy sets		
Trust service		
Security cache		
Reliable messaging state		
S Resources		
Schedulers		
Object pool managers		
Java EE default resources		
± JMS		
JDBC     JDBC providers		
<ul> <li>DBC providers</li> <li>Data sources</li> </ul>		
Data sources (V4 - deprecated)		
Resource Adapters		
Concurrency		
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Security     Environment		
System administration		
Users and Groups		
Monitoring and Tuning		
Troubleshooting		
Service Integration		
± UDDI		
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6. Expand Environment from left-side menu and Click 'Shared Libraries'.

The following screen is displayed.

ebSphere, software	Welcome infra	Help   Logout IBM
w: All tasks	Cell=ofss2311694Node08Cell, Profile=ELCMOBCLAPP	Close pa
W: All tasks	Shared Libraries	? - Help
elcome	Shared Libraries	Field help
uided Activities		For field help information
ervers	Use this page to define a container-wide shared library that can be used by deployed applications.	select a field label or list marker when the help
pplications	G Scope: Cell=ofss2311694Node08Cell, Node=ofss2311694Node08, Server=server1	cursor is displayed.
ervices	Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, see the scope settings help.	Page help
esources		More information about this page
ecurity	Node=ofss2311694Node08, Server=server1 💌	
vironment	H Preferences	Command Assistance View administrative
Virtual hosts	New Delete	scripting command for la
Update global Web server plug-in configuration WebSphere variables		action
Shared libraries		
SIP application routers Replication domains	Select Name 🗘 Description 🗘	
Naming	You can administer the following resources:	
DSGi bundle repositories	OBCLExtAdapter	
tem administration		
rs and Groups	Total 1	
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7. Click on New

The following screen is displayed.



WebSphere, software	Welcome infra	Help   Logout IBM.
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Guided Activities	Use this page to define a container-wide shared library that can be used by deployed applications.	For field help information,
Servers		select a field label or list marker when the help
Applications	Configuration	cursor is displayed.
Services		Page help
Resources	General Properties	More information about this page
Security	* Scope	this page
Environment	cells:ofss2311694Node08Cell:nodes:ofss2311694Node08:servers:server1	
<ul> <li>Virtual hosts</li> <li>Update global Web server plug-in configuration</li> <li>WebSphere variables</li> <li>Shared libraries</li> <li>SIP application routers</li> <li>Replication domains</li> <li>Naming</li> <li>OSG bundle repositories</li> </ul>	+ Name Description	
System administration	. All and the second	
Users and Groups	* Classpath	
Monitoring and Tuning		
Troubleshooting		
Service integration		
• UDDI		
	Native Library Path	

- Name : Name of the Adapter
- Description : provide description
- Classpath: provide ExtAdapter Jar path server {Was\_profile}/Extadapter. Eg: /scratch/IBM8559/WebSphere/AppServer/profiles/BGV8559\_01/Extadapter.



WebSphere. software	Welcome infra	Help   Logout IBM.
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VIEW. AII teaka	Shared Libraries	? - Help ·
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E Security	* Scope	this page
Environment	cells:ofss2311694Node08Cell:nodes:ofss2311694Node08:servers:server1	
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System administration		
Users and Groups	* Classpath	
Monitoring and Tuning	/scratch/was9/IBM/WebSphere/AppServer_1/profiles/ELCMOBCLAPP/extjar	
Troubleshooting	/OBCLExtAdapter.jar	
Service integration		
+ UDDI		
	Native Library Path	
	Use an isolated class loader for this shared library           Apply         OK         Reset         Cancel	

8. Click 'Apply' and 'save' the changes.

## 1.2.2 FCUBS Application Deployment

To deploy Oracle FLEXCUBE UBS application on WebSphere application server, follow the steps given below:

9. Open the Administrative Console of WebSphere server:

Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.

Eg: https://10.10.10.10:1010/console

In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.



The following screen is displayed:

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https://ofss220137.in.oracle.com	9043/ibm/console/logon.jsp	∀ C <sup>e</sup> Q Search	☆自・	↓ ☆ ∢ @	- * - 0 =
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- 10. Enter the user name and password and click 'Log In' to log in to the application server.
- 11. Navigate to the WebSphere Home Page.

The following screen is displayed.

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iew: All tasks	Welcome					
Welcome	Welcome	2 - D Ab	out this Integ	rated Solut	ons Console	
Guided Activities						
Servers	Integrated Solutions Console provides a common administrative console for multiple products. The table lists the product suites that can be		Integrated : Build Numb	Solutions Ci eri am1621	onsole, 9.0.0	.0
	administered through this installation. Select a product suite to view more information.		Build Date:	5/26/16		
Server Types WebSphere application servers			LICENSED M			
WebSphere application servers     WebSphere MQ servers	Suite Name Version				24-H88.572	
Web servers	WebSphere Application Server 9.0.0.0				t Internation	nal 🦷
a 10 - 11			Business Ma	schines Cor	. 1996, 201	2
Applications						
New Application     Application Types						
Global deployment settings						
Services						
Service providers Service clients						
Policy sets						
Trust service						
Security cache						
Reliable messaging state						
Resources						
Schedulers						
Object pool managers						
Java EE default resources						
1 JM5						
E JDBC						
JDBC providers						
Data sources						
Data sources (V4 - deprecated)						
Resource Adapters						
Concurrency						
Cache instances						
Mail						
1 URL						
Resource Environment						
Security						
Environment						
System administration						
Users and Groups						
Monitoring and Tuning						
Troubleshooting						
Service integration						
UDDI						
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12. Expand Applications from left-side menu and Click 'New Application'.



The following screen is displayed.

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View: All tasks 🔻	Cell=ofss220239Node01Cell, Profile=FPCFL		Close page
Welcome	New Application		
Guided Activities     Guided Activities     Guided Activities     Subscript Activities     Guided Activities     Subscript Activities     Subscrites     Subscript			
± Servers	This page provides links to create new applications of different	ent types.	
- Applications	Install a New Application		
<ul> <li>New Application</li> <li>Application Types</li> <li>Global deployment settings</li> </ul>	New Enterprise Application		
Services     Resources	New Business Level Application		
Security  Environment	New Asset		
Monitoring and Tuning			
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13. Click 'New Enterprise Application.

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WebSphere. software				Welcom	e sarav	anan					IBM.
View: All tasks	Interprise Applications										Close page
- wercome	Preparing for the application ins	stallation					1	-	Help		E
Guided Activities	Specify the EAR, WAR, JAR, o	or SAR module	to upload and install.						Field		
Servers											nformation, Ibel or list
Applications	Path to the new applica	ation							marke	er when th	ne help
New Application	Local file system								cursor	is displa	yed.
Application Types	Full path								Page	help	
Global deployment settings	Browse No file se	elected.									on about
	Remote file system								<u>this p</u>	age	
± Resources	Full path										
+ Security					Browse						
± Environment											
	Next Cancel										
Users and Groups											
Monitoring and Tuning											
± Troubleshooting											
Service integration											
± UDDI											

14. Browse the application EAR file and click next button



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View: All tasks 🗸	Enterprise Applications		Close page
Welcome Guided Activities	Preparing for the application installation Specify the EAR, WAR, JAR, or SAR module to upload and install.		? - Help - Field help
Servers Applications New Application	Path to the new application		For field help information, select a field label or list marker when the help cursor is displayed.
Application Types     Global deployment settings	<ul> <li>Local file system</li> <li>Full path</li> <li>Browse</li> <li>FCUBSApp.ear</li> </ul>		Page help More information about
Services  Resources	Remote file system Full path		this page
		Browse	
	Next Cancel		
<ul> <li>Monitoring and Tuning</li> <li>              Troubleshooting      </li> </ul>			
<ul> <li>. Service integration</li> <li>. UDDI</li> </ul>			
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View: All tasks	Enterprise Applications				Close page
Welcome Guided Activities Guided Activities Applications New Application Application Types Global deployment settings	Preparing for the application installation How do you want to install the applic Fast Path - Prompt only when addition Detailed - Show all installation options	nal information is required.			2 -
Services     Resources     Security	Choose to generate default bindings and     Previous Next Cancel	mappings			
Environment     System administration					
<ul> <li></li></ul>					
Troubleshooting     Service integration     UDDI					
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15. Click 'Next'. The following screen is displayed.

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WebSphere. software	Welcome saravanan Help	Logout 🔢
/iew: All tasks	Cell=ofss220239Node01Cell, Profile=FPCFL	Close page
Welcome Guided Activities	Install New Application Specify options for installing enterprise applications and modules.	
Servers		
Applications	→ Step 1: Select Select installation options     installation options	
<ul> <li>New Application</li> <li>Application Types</li> <li>Global deployment settings</li> </ul>	Specify the various options that are available for your application.	
Services	Step 3 Bind listeners for Directory to install application	
Resources Security	beans I Distribute application	
Environment	* Step 4 Map virtual Use Binary Configuration	
System administration	modules Deploy enterprise beans	
Users and Groups	Stap 5 Metadata Application name     for modules FCUBSApp	
Monitoring and Tuning Troubleshooting		
Service integration	Step 6 Summary  ✓ Create MBeans for resources  Override class reloading settings for Web and EJB modules	
וססנ	Reload interval in seconds	
	Deploy Web services	
	Validate Input off/warn/fail	
	Process embedded configuration	
III	▶ <b>∢</b>	

16. Enter the Application Name. This should be the application name mentioned as part of EAR building.



#### 17. Click 'Next'.

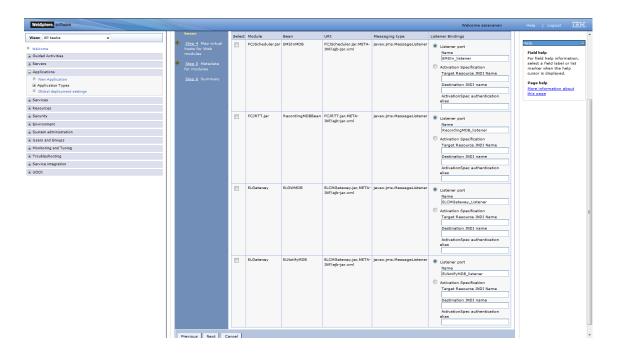
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View: All tasks		<u>Step 1</u> Sel installation		Map mod	ules to server	s										
Welcome ∃ Guided Activities ₽ Servers		Step 2: Maj modules to Step 3 Bin	p o servers	applicatio servers a generated	n. Modules can s targets that se d, based on the	oplication servers or clus be installed on the sam- rve as routers for reque applications that are rou	e appl sts to	ication se this appl	erver or	dispers	sed a	mong s	everal a	applic	ation s	erv
Applications		listeners fo	or		and servers:	0239Node01Cell,node=	ofss22	0239Nod	e01.ser	verse	erver1		Apply			
<ul> <li>New Application</li> <li>Application Types</li> <li>Global deployment settings</li> </ul>	*	message-d beans <u>Step 4</u> Ma hosts for W	ap virtual	GC				1					RPPIY			
Services				Select	Module	URI		Server								
+ Resources	*	E <u>Step 5</u> Me for module			FCJGeneralEJB.	jar FCJGeneralEJB.jar, INF/ejb-jar.xml	META-	WebSp	here:ce	ll=ofss:	22023	9Node0	)1Cell,r	node=	ofss22	.023
Environment		<u>Step 6</u> Su	mmary		FCJSMS.jar	FCJSMS.jar,META- INF/ejb-jar.xml		WebSp	here:ce	ll=ofss:	22023	9Node0	)1Cell,r	node=	ofss22	023
E System administration     System administration					FCJBatch.jar	FCJBatch.jar,META- INF/ejb-jar.xml	-	WebSp	here:ce	ll=ofss:	22023	9Node0	)1Cell,r	node=	ofss22	023
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Troubleshooting Service integration					FCJScheduler.ja	EC18 shadular ias M	IETA-	WebSp	here:ce	ll=ofss:	22023	9Node0	)1Cell,r	node=	ofss22	:023
					FCJRTT.jar	FCJRTT.jar,META- INF/ejb-jar.xml		WebSp	here:ce	ll=ofss:	22023	9Node0	)1Cell,r	node=	ofss22	:023
					ELCMEJB	ELCMEJB.jar,META- INF/ejb-jar.xml	-	WebSp	here:ce	ll=ofss:	22023	9Node0	)1Cell,r	node=	ofss22	023
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III	• •	Previous	Next Ca	ancel												,

18. Check all the options. Click 'Next'. The following screen is displayed.

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WebSphere. software						Welcome saravan	an Help   Log	out IBN			
View: All tasks →	Cel	l=ofss220239Node01Cell, P	ofile=FPC	FL				Close page			
Welcome ) Guided Activities		stall New Application Specify options for installi	ng enterp	rise applications :	and modules.						
Servers		Step 1 Select	Bind lis	steners for mes	sage-driven bean	IS .					
Applications New Application Application Types Global deployment settings		installation options <u>Step 2</u> Map modules to servers → Step 3: Bind	JNDI n destina		ise bean is bound to an a	pplication or module must be bound to a listener p bean is bound to an activation specification JNDI n c,					
Services				6							
Resources		message-driven beans	Select Module Bean URI Messaging type I								
Environment System administration Users and Groups Monitoring and Tuning Troubleshooting Service integration UDDI		Step_4 Map virtual hosts for Web modules Step_3 Metadata for modules <u>Step_6</u> Summary		FCJScheduler.jar		FCJScheduler.jar,META- INF/ejb-jar.xml		<ul> <li>Listener</li> <li>Name</li> <li>Activatio</li> <li>Target</li> <li>Destina</li> <li>Activatia</li> <li>alias</li> </ul>			
				FCJRTT.jar	RecordingMDBBean	FCJRTT.jar,META- INF/ejb-jar.xml	javax.jms.MessageListener	Listener     Name     Activatio     Target I     Destina			

19. Specify the details as shown in the figure.





20. Click 'Next'. Following screen is displayed

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WebSphere. software						١	Velcome	sarav	vanan			Logou	IBM.
View: All tasks		fss220239Node01Ce	ll, Pro	file=FPCFL									Close pag
Welcome	Insta	all New Application								? -	Help		
Guided Activities	Sp	ecify options for inst	talling	g enterpris	e applications and m	odules.						<b>d help</b> field help	information,
Servers		Step 1 Select		Map virti	ual hosts for Web r	nodules					sele	ct a field	label or list the help
Applications  New Application  Application Types  Global deployment settings  Services  Resources  Security  Security  System administration  System administration  Usrs and Groups  Monitoring and Tuning  Troubleshooting	→ *	Installation options Step 2 Map modules to servers Step 3 Bind listeners for message-driven beans Step 4 Map virtua hosts for Web modules Step 5 Metadata for modules Step 6 Summary	5	in your an virtual ho Apply	e virtual host for the pplication. You can ini st or disperse them a Multiple Mappings Web module FlexCubeCorporate Enterprise Limits Gal	stall Web	veral hos	s on ti sts. host ult_ho			Pag Mon	or is disp e help <u>e informa</u> <u>page</u>	layed.
Service integration  UDDI		Previous Next	Car	ncel									

21. Click 'Next'.

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WebSphere, software	listeners for	read. If the attribute re	Welc	ome saravanan tation-based	Help   Logout IBM.
View: All tasks 💌	message-driven beans		ach time the module is read a		Help –
■ Welcome Guided Activities	<u>Step 4</u> Map virtual hosts for Web				Field help For field help information,
Servers  Applications  New Application	modules → Step 5: Metadata for modules	Module	URI	metadata- complete attribute	select a field label or list marker when the help cursor is displayed.
Application Types     Global deployment settings	<u>Step 6</u> Summary	FCJGeneralEJB.jar	FCJGeneralEJB.jar,META- INF/ejb-jar.xml		Page help More information about this page
Services		FCJSMS.jar	FCJSMS.jar,META-INF/ejb- jar.xml		
Resources     Security		FCJBatch.jar	FCJBatch.jar,META-INF/ejb- jar.xml		
Environment		FCServiceEJB.jar	FCServiceEJB.jar,META- INF/eib-iar.xml		
<ul> <li>System administration</li> <li></li></ul>		FCJScheduler.jar	FCJScheduler.jar,META- INF/ejb-jar.xml		
Monitoring and Tuning		FCJRTT.jar	FCJRTT.jar,META-INF/ejb- jar.xml		=
★ Troubleshooting ★ Service integration		ELCMEJB	ELCMEJB.jar,META-INF/ejb- jar.xml		
UDDI		ELGateway	ELCMGateway.jar,META- INF/ejb-jar.xml		
		FlexCubeCorporate	FCJNeoWeb.war,WEB- INF/web.xml		
		Enterprise Limits Gateway	ELCMWeb.war,WEB- INF/web.xml		
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WebSphere. software			Welcome saravanan	Help   Logout []].
View: All tasks 🗸	Install New Application		2	Help -
Velcome	Specify options for installi	ng enterprise applications and modules.		Field help
Guided Activities     Guided Activities     Second Secon	Step 1 Select	Summary		For field help information,
+ Servers	installation options	Summary of installation options		select a field label or list marker when the help
- Applications	<u>Step 2</u> Map	Options	Values	cursor is displayed.
New Application     Application Types	modules to servers	Precompile JavaServer Pages files	No	Page help
Global deployment settings	<u>Step 3</u> Bind listeners for	Directory to install application		More information about this page
Services	message-driven	Distribute application	Yes	
Resources	beans	Use Binary Configuration	No	Command Assistance View administrative
Security	Step 4 Map virtual	Deploy enterprise beans	No	scripting command for last
Environment	hosts for Web modules	Application name	FCUBSApp	action
System administration	Step 5 Metadata	Create MBeans for resources	Yes	
Users and Groups	for modules	Override class reloading settings for Web and EJB modules	No	
Monitoring and Tuning	→ Step 6: Summary	Reload interval in seconds		
Troubleshooting		Deploy Web services	No	
Service integration		Validate Input off/warn/fail	warn	
IDDI		Process embedded configuration	No	
		File Permission	.*\.dll=755#.*\.so=755#.* \.a=755#.*\.sl=755	
		Application Build ID	Unknown	
		Allow dispatching includes to remote resources	No	
		Allow servicing includes from remote resources	No	
		Business level application name		
		Asynchronous Request Dispatch Type	Disabled	
4		Allow EJB reference targets to resolve automatically	No	

22. Click 'Finish'.

The following screen is displayed.



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https://10.184.133.191:9043/ibm	/console/login.do?action=secure 🔍 🗙 🤤 Search 🏠 🛍 🖡 🎓 🚀 🚳 👻 🖬 🗧
WebSphere. software	Welcome saravanan Help   Logout IBM.
View: All tasks	v Installing
Welcome	If there are enterprise beans in the application, the EJB deployment process can take several minutes. Do not save the configuration unti
Guided Activities	the process completes.
Servers	Check the SystemOut.log on the deployment manager or server where the application is deployed for specific information about the EJB deployment process
<ul> <li>Applications</li> </ul>	it occurs.
<ul> <li>New Application</li> <li>Application Types</li> </ul>	ADMA5016I: Installation of FCJNeoWeb started.
Global deployment settings	ADMA0159W: Duplicate root context(FCJNeoWeb) was found on the same node ofss220239Node01 and same host default_host
Services	ADMA5068I: The resource validation for application FCJNeoWeb completed successfully, but warnings occurred during validation.
± Resources	ADMA5058I: Application and module vers
+ Security	ADMA5005I: The application FCJNeoWeb
± Environment	ADMA5005); The application FCJNeoWeb is configured in the WebSphere Application Server repository.
System administration	
Users and Groups	ADMA50811: The bootstrap address for client module is configured in the WebSphere Application Server repository.
■ Monitoring and Tuning	ADMA5053): The library references for the installed optional package are created.
± Troubleshooting	ADMA5005I: The application FCJNeoWeb is configured in the WebSphere Application Server repository.
<ul> <li>Service integration</li> </ul>	ADMA50011: The application binaries are saved in /scratch/app/was855/IBM/WebSphere/AppServer/profiles/FPCFL/wstemp/835251123/workspace/cells
± UDDI	/ofss220239Node01Cell/applications/FCJNeoWeb.ear/FCJNeoWeb.ear
	ADMA5005I: The application FCJNeoWeb is configured in the WebSphere Application Server repository.
	SECJ0400I: Successfully updated the application FCJNeoWeb with the appContextIDForSecurity information.

#### Wait for few seconds...

() WebSphere Integrated Solu ×	\+
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WebSphere. software	Welcome saravanan Help   Logout IBM.
View: All tasks	ADMA0159W: Duplicate root context(FCJNeoWeb) was found on the same node ofss220239Node01 and same host default_host
Welcome	ADMA5068I: The resource validation for application FCJNeoWeb completed successfully, but warnings occurred during validation. ADMA5058I: Application and module versions are validated with versions of deployment targets.
Golded Activities     Servers	ADMA5005I: The application FCJNeoWeb is configured in the WebSphere Application Server repository.
Applications	ADMA5005I: The application FCJNeoWeb is configured in the WebSphere Application Server repository.
New Application     Application Types	ADMA50811: The bootstrap address for client module is configured in the WebSphere Application Server repository.
Global deployment settings	ADMA5053I: The library references for the installed optional package are created.
Services	ADMA5005I: The application FCJNeoWeb is configured in the WebSphere Application Server repository.
Resources     Security	ADMA50011: The application binaries are saved in /scratch/app/was855/IBM/WebSphere/AppServer/profiles/FPCFL/wstemp/835251123/workspace/cells /ofss220239Node01Cell/applications/FCJNeoWeb.ear/FCJNeoWeb.ear
Environment	ADMA5005I: The application FCJNeoWeb is configured in the WebSphere Application Server repository.
	SECJ0400I: Successfully updated the application FCJNeoWeb with the appContextIDForSecurity information.
	ADMA5005I: The application FCJNeoWeb is configured in the WebSphere Application Server repository.
<ul> <li>Monitoring and Tuning</li> </ul>	ADMA5005I: The application FCJNeoWeb is configured in the WebSphere Application Server repository.
Troubleshooting     ■	
Service integration	ADMA5113I: Activation plan created successfully.
1 UDDI	ADMA5011I: The cleanup of the temp directory for application FCJNeoWeb is complete.
	ADMA5013I: Application FCJNeoWeb installed successfully.
	Application FCJNeoWeb installed successfully.
	To start the application, first save changes to the master configuration.
	Changes have been made to your local configuration. You can:
< III	Save directly to the master configuration.
•	R postavo skanna kafana anota na dianadira.

23. Click 'Save'.



The following screen is displayed.

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WebSphere. software			Wel	come websphere				BM
View: All tasks	•	20137Node01Cell, Profile=AppSrv01					Clo	se pa
Welcome	Enterprise	Applications						?
Guided Activities	Enterp	rise Applications						
Servers	Use th	is page to manage installed applicati	ons. A single application ca	n be deployed ont	o multiple	servers.		
Applications	± Pre	ferences						
New Application     Application Types     Global deployment settings	Sta	rt Stop Install Uninstall	Update Rollout Update	Remove File	Export	Export DDL	Export	File
Services	Select	Name 🗘	A	pplication Status	\$			
Resources	You d	an administer the following resources	:					
Security		DefaultApplication	ŧ	۶				
Environment		FCUBSAppITR2	•	<u></u>				
System administration		ivtApp	•	<b>&gt;</b>				
Users and Groups		guery	(	>				
Monitoring and Tuning	Total							
Troubleshooting	Iotal	4						
Service integration								
UDDI								
		ionDeploymentCollection.do?csployn						

24. Select the application and click 'Start'.

The application starts as shown below:

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WebSphere. software	Welcome websphere Help   Logout IBM.
View: All tasks 🗸	Cell=ofss220137Node01Cell, Profile=AppSrv01 Close page
Welcome Guided Activities Servers	Messages
Servers     Applications     New Application	B Application FCUBSAppITR2 on server server1 and node ofss220137Node01 started successfully. The collection may need to be refreshed to show the current status.
Application Types     Global deployment settings	Enterprise Applications Use this page to manage installed applications. A single application can be deployed onto multiple servers.
Services	★ Preferences
Resources	Start Stop Install Uninstall Update Rollout Update Remove File Export DDL Export File
Security     Environment	
System administration	Select Name 🗘 Application Status 👲
Users and Groups	You can administer the following resources:
Monitoring and Tuning	DefaultApplication
Troubleshooting	FCUBSAppITR2
Service integration	····· ···· ··························
± UDDI	Guery 🕹
	Total 4
4 11	۲. III کې

This completes the deployment of EAR (FCJNeoWeb.ear) on IBM WebSphere 9.0.0.0 Application Server from the Administration Console.

## 1.2.3 Link the adapter (Shared Libraries ) to the Application

1. Open the Administrative Console of WebSphere server:

2. Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.



 Eg: https://10.10.10.1010/console
 In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running

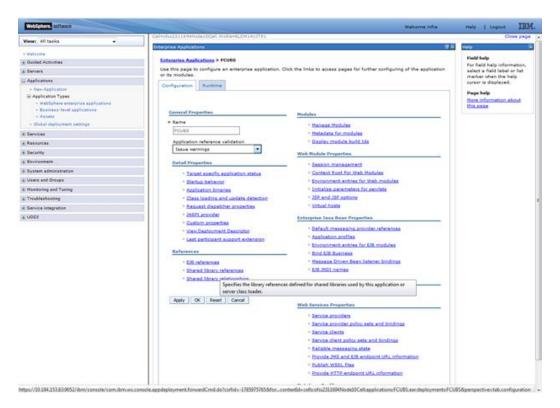
Go to Applications  $\rightarrow$  Application types  $\rightarrow$  WebSphere enterprise applications  $\rightarrow$ 

Click on the resource where the adapter to be added (here it is FCUBS)

WebSphere. software			Welcome infra	Help   Logout
Views All tasks	Cell+olss2	311694Node10Cell, Profile=ELCM141ITR1		Close pa
Welcome	Enterprise	Applications	9	E Help
Guided Activities	Enters	rise Applications		Field help
Servers	Use th	is page to manage installed applications. A	single application can be deployed onto multiple servers.	For field help information select a field label or list
Applications	8 Pre	ferences		marker when the help cursor is displayed.
New Application	Ste	t Stop Install Uninstall Upda	te Rollout Update Remove File Export Export DOL Export File	
Application Types		0 2 2		Page help More information about
<ul> <li>WebSphere enterprise applications</li> <li>Business-level applications</li> </ul>				this page
· Assets		Name 0	Application Status 🧟	<b>Command Assistance</b>
- Global deployment settings		an administer the following resources:		View administrative
Services		DefaultApplication	*	action action
Resources		ECUES	•	
Security	13	OLGATEWAY	•	
Environment		bthee	*	
System administration		SVECK	*	
Users and Groups			•	
Monitoring and Tuning	Total	5		
Troubleshooting				
Service integration				
1000				

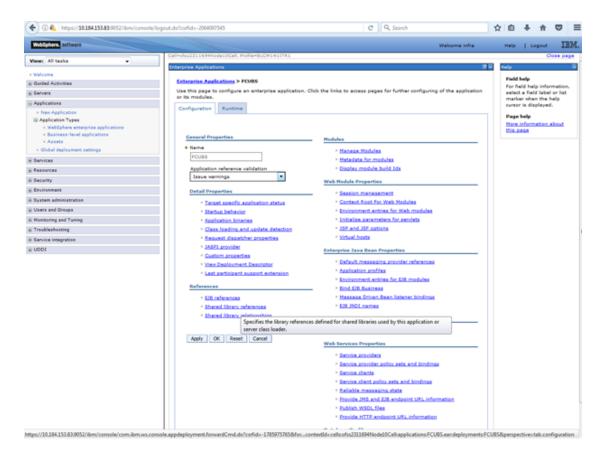
It will open configuration page of FCUBS. Click on Reference > shared library reference





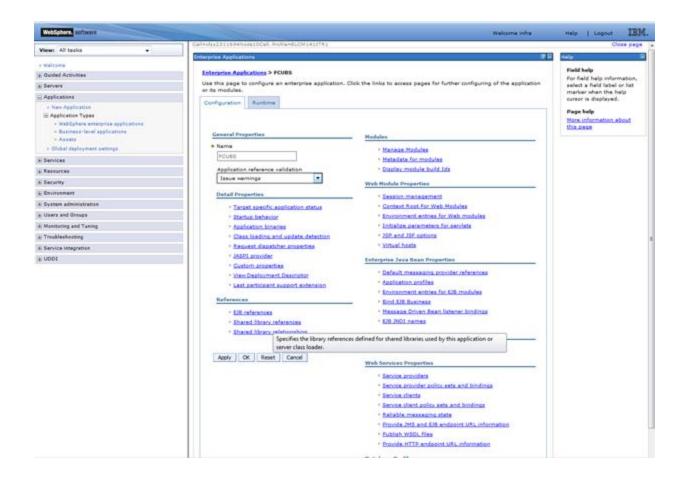
It will open the application > Shared library references page .Select the application (here FCUBS) and click on Reference shared libraries button.





The Shared Library Mapping window opens add the available library and click on OK button.







WebSchere, software	Welsone infra	Halp   Lopest IBM.
Viewi All tarks	Cell+ufrx23136940edes0Cell, Profile+ELCM3453781	Clease page
201 (Jan 1997)	Exterprise Applications 2	Help
= Walcone	Enterprise Applications > FUIDS > Shared library references > Shared Library Napping	Fieldhelp
a Duided Activities	Map shared libraries to an entire application or to one or more modules.	For field help information.
a Servers		select a field label or list marker when the help
Applications	Map libraries to the application or module listed	ourser is displayed.
<ul> <li>Item Application</li> <li>Application Types</li> <li>static Types</li> <li>business therei applications</li> <li>business therei applications</li> <li>Assute</li> <li>Object duplyment settings</li> </ul>	PCuss Select the library in the Available list. Move it to the Selected list by slicking >>,	Page help More information about this page
E Services	Available: Selected:	
a Researces	Discussional and the second se	
in Security	4	
S Environment		
Virtus hans     Virtus joint internet plug-in configuration     Virtus global internet     Virtus global internet	OK Cancel	
E System administration		
· Upers and Groups		
a Monitoring and Turing		
+ Troublashooting		
A Dervice integration		
* UDDI		

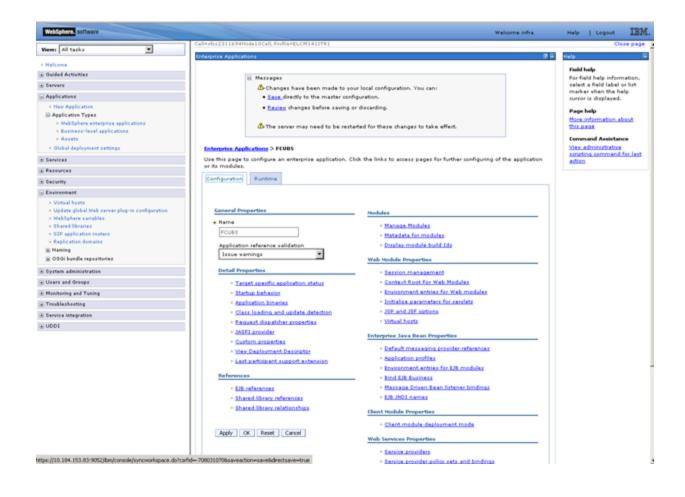
Click ok



WebSphere. software				Welcome infra	Help   Lopout IBM
Views All tasks		1694Node10Cell, Profile+ELCM141ITR1			Close pa
- Welcome	(Merprise A	pplications		7-	Help
Coulded Activities	Enterpris	ne. Applications > <u>ECUBS</u> > Shared libro	ny references		Field help For field help information
Servers	Shared L	ibrary Mapping for Modules			select a field label or list
Applications	Specify	shared libraries that the application or	individual modules reference. These libraries m	rust be defined in the	marker when the help oursor is displayed.
- New Application		ration at the appropriate scope.			
Application Types	Rafe	rence shared libraries			Page help More information about
<ul> <li>HebSphere enterprise applications</li> <li>Business level applications</li> </ul>					this page
+ Assets		tt Application	URI	Shared Libraries	
<ul> <li>Global deployment settings</li> </ul>		FCUBS	META-INF/application.xml	OBCLExtAdapter	
i Services	Sele	d. Module	URI	Shared Libraries	
Resources		FlexCubeCorporate	FGINeoWeb.war,WEB-INF/web.xml		
E Security	C	Enterprise Limits Gateway	ELCMWeb.war,WEB-INF/web.xml		
Environment	E	Security Management Gatevay	SMWeb.var,WEB-DWF/web.sml		
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System administration					
Users and Groups					
i Monitoring and Tuning					
E Troubleshooting					
E Service integration					
E UDDI					
	1				

Click save and restart the Application server .





# 1.2.4 FCUBS Scheduler Application Deployment

To deploy Oracle FLEXCUBE UBS application on WebSphere application server, follow the steps given below:

1. Open the Administrative Console of WebSphere server:

Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.

Eg: https://10.10.10.10:1010/console

In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.



The following screen is displayed:

WebSphere Integrated Solution ×	+					∞ -	• X
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	WebSphere, software						
	Rights Reserved. registered trader many jurisdiction trademarks of IB	WebSphere Integrat Solutions Console User ID: Password: Log in Is - Property of IBM (c) Copyright IBM Corr . IBM, the IBM logo, Ibm.com and WebSph south of the reduct and service and is worldwide. Other product and service and is worldwide. Other product and service and is worldwide. Other product and service and	5. 1997, 2011 All ere are trademark Cost might be trademarks is	ts or			
× Sync encountered an error while sy	yncing: Failed to connect to the server. Sync	will automatically retry this action.	nces				

- 2. Enter the user name and password and click 'Log In' to log in to the application server.
- 3. Navigate to the WebSphere Home Page.

The following screen is displayed.

Weicome         Weicome         Contract         About the Integrated Solutions Console         About the Integrated Solutions Console         About the Integrated Solutions Console         Console           © Servers         © Servers         EndedSolutions Console provides a common administrative console for multiple products. The table lists the product suites that can be additioned provides and through the installations. Select a product suite to view more information.         Integrated Solutions Console, 90.0.0 Bluid Bluiders priviles, 90.0.0 Bluid Bluiders priviles, 90.0.0 Bluid Bluiders, 90.0.0 Bluiders, 90.0.0 Bluid Bluiders, 90.0.0 Bluid Bluiders, 90.0.0 Bluiders, 90.0.0 Bluid Bluiders, 90.0.0 Bluiders, 90.0.0 Bluid Bluiders, 90.0.0 Blu	WebSphere Integrated Solu_ × Oracle Financial Services14	< +	- 6 ×
Concent         Concent <t< td=""><td>( ♦ ) ●   https://ofss222771:9043/ibm/console/login.do?action=secure</td><td>C Q. Search</td><td>☆ 🖨 🖡 🎓 🗢 ≡</td></t<>	( ♦ ) ●   https://ofss222771:9043/ibm/console/login.do?action=secure	C Q. Search	☆ 🖨 🖡 🎓 🗢 ≡
Water in Name         Control         Contro         <	WebSphere. software		Welcome websphere Help   Logout IBM.
Indext           In	View: All tasks		
	Weren All taxics           © Gold Activities           © Servers           © DBCC provider           © DBCC provider <t< td=""><td>Integrated Solutions Console provides a common administrative console for multiple products. The table lists the product sultes that can be administered through this installation. Select a product suite to view more information.</td><td>About the Integrated Solutions Console  Integrated Solutions Console, 9.0.0 Build Date: 3724/36 Unit Date: 3</td></t<>	Integrated Solutions Console provides a common administrative console for multiple products. The table lists the product sultes that can be administered through this installation. Select a product suite to view more information.	About the Integrated Solutions Console  Integrated Solutions Console, 9.0.0 Build Date: 3724/36 Unit Date: 3
add A V Highlight All Match Case 1 of 1 match	add A V bliphEabt All Match Care 1 o	1 match	x

4. Expand Applications from left-side menu and Click 'New Application'.



The following screen is displayed.

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WebSphere. software		Welcome saravanan Help	Logout <u>IBM.</u>
View: All tasks 🗸	Cell=ofss220239Node01Cell, Profile=FPCFL New Application		Close page
Welcome     Guided Activities	New Application		
	This page provides links to create new applications of different to	vpes.	
Servers     Applications	Install a New Application		
Applications     New Application     Maphication Types     Global deployment settings     Services     Security     Security     Environment     System administration     Users and Groups	New Enterprise Application     New Business Level Application     New Asset		
<ul> <li>Monitoring and Tuning</li> <li>Troubleshooting</li> <li>Service integration</li> </ul>			
< m >>			

5. Click 'New Enterprise Application.

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WebSphere, software		1	Welcome sa	iravanan	1		Help	Logout	IBM.
View: All tasks 👻	Enterprise Applications								Close page
Welcome     Guided Activities	Preparing for the application installation	1				? -	Help	d help	E
Servers	Specify the EAR, WAR, JAR, or SAR r	nodule to upload and install.				_			information,
Applications	Path to the new application							ect a field l rker when t	abel or list
New Application     Application     Application     Application     Services      Security     Environment     System administration     Users and Groups     Monitoring and Tuning     Troubleshooting     Service Integration     UDDI	Local file system     Full path     Browse. No file selected.     Remote file system     Full path     Next Cancel		Brow	¥58			Pag <u>Mor</u>	ior is displa e informat page	
۰ III ا									

6. Browse the application EAR file and click next button



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WebSphere. software		Welcome infr	· Help   Logout IB]
Tiews All tasks 👻	Enterprise Applications		Close pa
Welcome	Preparing for the application installation	2 H	Help
Guided Activities			Field help
Servers	Specify the EAR, WAR, JAR, or SAR module to upload and install.		For field help information, select a field label or list marker when the
Applications	Path to the new application		help cursor is displayed.
R New Application	Local file system		Page help
Application Types	Full path		More information about this page
WebSpherw enterprise applications	Brows. SCHOLRAppCOOP7.ear		
<ul> <li>Business-level applications</li> </ul>	C Remote file system		
· Assets	Full path		
Global deployment settings	Browser		
Services			
Resources	Next Cancel		
Security			
Environment	2,		
System administration			
Users and Groups			
Monitoring and Tuning			
Troubleshooting			
Service integration			
UDDI			
		Con Battan	tinainfea in cea
		Flexcub	tinginfra_in_grp e Environment Health Check Pack : May-12 18:
		*×	

The following screen is displayed.

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WebSphere. software		Welcome saravanan Help   Logou	t <u>IDM.</u>
View: All tasks 👻	Enterprise Applications		Close page
Welcome     Guided Activities     Servers     Applications     New Application     Application Types     Global deployment settings     Services	Preparing for the application installation         How do you want to install the application? <ul> <li>Fast Path - Prompt only when additional information</li> <li>Detailed - Show all installation options and parame</li> </ul> <ul> <li>Choose to generate default bindings and mappings</li> </ul>		2 -
Assources     Security     Environment     System administration     Users and Groups     Monitoring and Tuning	Previous Next Cancel		
Troubleshooting     Service integration     DDI			
4			

7. Click 'Next'. The following screen is displayed.



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WebSphere. software
A Instruct 2005/12/07/2003/University Provided Provi

8. Enter the Application Name. This should be the application name mentioned as part of EAR building.

https://10.184.132.178-9053/ibm/console/navigatorCm	nd.do?csrfid=-1854877917&dorwardName=Appl	licationDep	oyment.content.main	&WSC=true	V C Q Search	☆ 自	+ +	4 🦨	
WebSphere, software						Welcome infr		telp   Logour	a IBN
View: All tasks	Cell+sfss220075Node11Cell. Pro	ofile=FC123	COOP						Close par
	Install New Application					7 -	Help		1
Welcome	Specify options for installin						Field he		
Guided Activities				(obuves,			field lab	help informatio	when the
i Servers	Stop 1 Select installation options	Map mod	ules to servers				help cur	sor is displayed.	
Applications	-> Step 2: Map	Specify to	rgets such as application. Modules can	tion servers or clusters	of application servers where you want to install the modules that are cont e application server or dispersed among several application servers. Also,	sined in	Page he	ip ormation about	
New Application     Application Types	modules to servers	Web serv	ers as targets that s	erve as routers for requi	ests to this application. The plug-in configuration file (plugin-cfg.xml) for	each Web	More in	ormation about	this page
<ul> <li>WebSphere enterprise applications</li> </ul>	Bitep 3 Bind		and servers:	the applications that an	e routed through.				
Business level applications	listeners for message-driven	WebSp	here:cell=ofas220075	Node11Cell,node=ofss2	220075Node11,server=server1 Apply				
Assets	beens	-							
<ul> <li>Global deployment settings</li> </ul>	Step 4 Map virtual	D C							
± Services	Step 4 Map virtual hosts for Web modules	Calant	Module	URI	Sarver				
± Resources	Step 5 Metadata	11 To 4 10 TO 10			Server WebSphere:cell=ofss220075Node11Cell.node=ofss220075Node11.serve	Tanana I			
± Security	for modules	×.	FCJScheduler.jar	INF/ejb-jar.xml	10000000000000000000000000000000000000				
± Environment	Step 6 Summary	1	FlexCubeCorporate	FCINeoWeb.war,WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11,serve	er=server1			
± System administration		and a		Intr/ Web.schil					
± Users and Groups		22/15							
± Monitoring and Tuning	Previous Next Ca	ancel							
± Troubleshooting									
E Service Integration									
± UDDI									

9. Check all the options. Click 'Next'. The following screen is displayed.



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WebSphere, software							Welcome	infra		Help	Logou	ot I
liew: All tasks 🗸	Cell=ofss220075Node11Cell, Profile=FC1 Install New Application	22COOP					19 1					Close
Welcome	Specify options for installing enterp						· ·		Field I			
Guided Activities Servers	Step 1 Select		steners for mes	sage-drive	en beans				field la	label or l	nformatio st marker displayed.	r when th
avvex Applications # Application # Application Types # webSphare enterprise applications	→ Step 3: Bind Installation options → Step 3: Bind Instances for	Each m activat	essage-driven en	terprise bea IDI name. V fy the destin	in in your application or r	module must be bound to a l enterprise bean is bound to a uthentication alias.	istener port name or to an an activation specification JNDI		Page	help	ion about	
Business-level applications	message-driven	D	n									
<ul> <li>Assets</li> <li>Global deployment settings</li> </ul>	beans		Module	Bean	URI	Messaging type	Listener Bindings					
Services	Step 4 Map virtual hosts for Web modules	1				javax.jms.MessageListener	Listener port					
Resources	🔶 <u>Step 3</u> Metadata						Name EmsIn_Listener					
Security	for modules						O Activation Specification					
Environment System administration	Step 5 Summary						Target Resource JNDI Name					
System administration Users and Groups							Destination JNDI name					
Monitoring and Tuning Troubleshooting							ActivationSpec authentication alias					
Service integration												
UDDI	Previous Next Cancel											

10. Specify the details as shown in the figure.

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A https://10.184.132.178.9053/ibm/console/navigatorCmd.do?csrfid=-	1854877917&forwardName=ApplicationDeploym	nent.content.main&WSC=true $ eta C$	Q. Search	n e	+ + 4	и 🖌	n   •   =
WebSphere. software			Welcom	e infra	Help	Logout	IBM.
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Veen Al tabal Divide	DATAB Name Application       Specify existions for installing enterprise at Repair allocations for installing enterprise at Repair allocation and the metabolication account of the Repair and the repair and and the repair and the repair and the Repair and the repair and the repair and the Repair and		n yeur application. Yeu can install Web modules on the Virtual host default_heat		Plays Prant haip Prant haip Prant haip Reid states heip cursor is Page haip bines information informa	nformation, st marker wi displayed.	select a hen the

11. Click 'Next'. The following screen is displayed.



https://10.184.132.178-9053/ibm/console/navigatorCmd			v ♂ ℃ Q Searci		
WebSphere. software	Cell+ofss220075Node11Cell, Profile=PC	122COOP		Welcome	infra Help   Logout IBA Close pag
View: All tasks 🗸	Install New Application			7	
Welcome	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1. (2. mol/129) (3. mol 2004)			Field help
E Guided Activities	Specify options for installing ente	prise applications and modules.			For field help information, select a
E Servers	Step 1 Select	Metadata for modules			field label or list marker when the help cursor is displayed.
D Applications		The metadata-complete	attribute defines whether the deployment descrip	tor for this module is complete. Set the	Page help
New Application	Step 2 Map modules to servers	metadata-complete attrib deployment descriptor m	ute to "true" to merge and persist annotation-based m atedata to avoid scanning of annotation-based m	ased metadata with existing XML-based netadata each time the module is read. If the	More information about this page
Application Types		attribute remains "false", performance.	then the annotation-based metadata is scanned	d each time the module is read and can impact	
<ul> <li>WebSphere enterprise applications</li> <li>Business-level applications</li> </ul>	<u>Stop 3</u> Bind listeners for				
# Asses	listeners for message-driven beans	6.0			
Global deployment settings	Step 4 Map virtual	Module	URI		
Services	hosts for Web modules			metadata-complete attribute	
Resources		FCJScheduler.jar	FC3Scheduler.jar,META-INF/ejb-jar.xml		
E Security	Step 5: Metadata for modules	FlexCubeCorporate	FCJNeoWeb.war, WEB-INF/web.xml	1223	
Environment	Step 6 Summary				
E System administration	and a second sec				
E Users and Groups	Previous Next Cancel				
E Monitoring and Tuning					
Troubleshooting					
E Service integration					
E UDDI					
	1				

12. Click 'Next'. The following screen is displayed.

	d.do?csrfid=-18548779178dorwardName=ApplicationI	n	Q. Search		+ +	4 .0	B - 3
The second se	a.dorcsmidii-1034877947600rwardruameii Applicationu	Deployment.content.main.cov/sciettue VC	Search	¥ 🗉	* п	11 4	
WebSphere, software			Web	ome infra	He	ip   Logout	
View: All tasks 👻	Cell=ofss220075Node11Cell. Profile=FC	5122C00P			-		Close pag
Welcome	Install New Application			7 =	Help		
Guided Activities	Specify options for installing enter	rorise applications and modules.			Field help	elp information	
	Step 1 Select	Summary			field label	or list marker	when the
8 Servers	installation options					r is displayed.	
Applications	Step Z Map	Summary of installation options	****	_	Page help		10.000
New Application     Application Types	modules to servers	Options	Values			mation about t	this page
WebSphere enterprise applications	Step 3 Bind	Precompile JavaServer Pages files	No			Assistance	
Business-level applications	listeners for	Directory to install application			command	for last action	anna a
# Assets	message-driven beens	Distribute application	Yes				
Global deployment settings	Store of Management	Use Binary Configuration	No				
Services	<u>Step 4</u> Map virtual hosts for Web modules	Application name	SCHDLRAppCOOP7				
* Resources	modules	Create MBeans for resources	Yes				
± Security	<u>Step 5</u> Metadata	Override class reloading settings for Web and EJB modules	No				
+ Environment	for modules	Reload interval in seconds					
	→ Step 6: Summary	Deploy Web services	No				
System administration		Validate Input off/warn/fail	warn				
Users and Groups		Process embedded configuration	No				
Monitoring and Tuning		File Permission	.*\.dll=755#.*\.so=755#.*\.a=755#.*\.sl=755				
Troubleshooting		Application Build ID	Unknown				
Service integration		Allow dispatching includes to remote resources	No				
T UDDI		Allow servicing includes from remote resources	No				
		Business level application name					
		Asynchronous Request Dispatch Type	Disabled				
		Allow EJB reference targets to resolve automatically	No				
		Deploy client modules	No				
		Client deployment mode	Isolated				
		Validate schema	No				
		Cell/Node/Server	Click here				
	Previous Finish Cancel						
	Previous Finish Cancel						

13. Click 'Finish'. The following screen is displayed.



( WebSphere Integrated Solu × +			
https://10.184.132.178:9053/ibm/console/navigato	rCmd.do?csrfid=-1854877917&drowardName=ApplicationDeployment.content.main&WSC=true	∀ C Q Search	☆ 自 두 숨 🦧 🎽 - 😑
WebSphere. software			Welcome infra Help   Logout IBM
View: All tasks 👻	Installing		
Welcome	If there are enterprise beans in the application, the EJB deployment process can take sev	eral minutes. Do not save the configuration until the pr	ocess completes.
Guided Activities	Check the SystemOut log on the deployment manager or server where the application is deployed for	specific information about the EJB deployment process as it oc	curs.
± Servers	ADMA5016I: Installation of SCHDLRAppCOOP7 started.		
Applications			
New Application	ADMA5067I: Resource validation for application SCHDLRAppCOOP7 completed successfully.		
Application Types	ADMA5058I: Application and module versions are validated with versions of deployment targets.		
<ul> <li>WebSphere enterprise applications</li> <li>Business-level applications</li> </ul>	ADMA5005I: The application SCHDLRAppCOOP7 is configured in the WebSphere Application Server re	postory.	
# Assets	ADMA5005I: The application SCHDLRAppCOOP7 is configured in the WebSphere Application Server re	postory.	
Global deployment settings	ADMA5081I: The bootstrap address for client module is configured in the WebSphere Application Serv	er repository	
± Services	ADMA5053I: The library references for the installed optional package are created.	a topolita y	
	ADMA5005I: The application SCHDLRAppCOOP7 is configured in the WebSphere Application Server re		
Environment	ADMA5001I: The application binaries are saved in /scratch/app/was8555/IBM/WebSphere/AppServer/	profiles/FC122COOP/wstemp/100348368/workspace/cells/ofs	s220075Node11Cell/applications/SCHDLRAppCOOP7.ear/SCHDLRAppCOOP7.ear
System administration	ADMA5005I: The application SCHDLRAppCOOP7 is configured in the WebSphere Application Server re	pository.	
Users and Groups	SECJ0400I: Successfully updated the application SCHDLRAppCOOP7 with the appContextIDForSecurit	y information.	
Monitoring and Tuning	ADMA5005I: The application SCHDLRAppCOOP7 is configured in the WebSphere Application Server re		
Troubleshooting			
Service Integration	ADMA5005I: The application SCHDLRAppCOOP7 is configured in the WebSphere Application Server re	postory.	
UDDI	ADMA5113t Activation plan created successfully.		
± 0001	ADMA50111: The cleanup of the temp directory for application SCHDLRAppCOOP7 is complete.		
	ADMA5013I: Application SCHDLRAppCOOP7 installed successfully.		
	Application SCHDLRAppCOOP7 installed successfully.		
	To start the application, first save changes to the master configuration.		
	Changes have been made to your local configuration. You can:		
	Save directly to the master configuration.		
	<ul> <li><u>Review</u> changes before saving or discarding.</li> </ul>		
	To work with installed applications, click the "Manage Applications" link.		
	Manage Applications		

Click 'Save'. The following screen is displayed.

() WebSphere Integrated Solu × +						- <b>-</b> X		
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WebSphere. software		w	elcome websphere			out IBM.		
View: All tasks 🔻		20137Node01Cell, Profile=AppSrv01				Close page		
Welcome		Applications				? -		
Guided Activities	Enterprise Applications Use this page to manage installed applications. A single application can be deployed onto multiple servers.							
			can be deployed ont	o multiple s	servers.			
Applications	± Pret	erences						
New Application     Application Types     Global deployment settings	Star	t Stop Install Uninstall Update Rollout Updat	te Remove File	Export	Export DDL	Export File		
	Select	Name 🗘	Application Status	<u>2</u>				
Resources	You c	an administer the following resources:						
		DefaultApplication	€					
Environment		FCUBSAppITR2	€					
		ivtApp	€					
		query	€)					
Monitoring and Tuning								
Troubleshooting	Total	4						
Service integration								
± UDDI								
https://ofss220137.in.oracle.com:9043/ibm/consc	ole/applicat	onDeploymentCollection.do?csployment.xml&perspective=tab.	.configuration&lastPa	ge=Applicat	tionDeploymen	t.content.main 🕨		

14. Select the application and click 'Start'.



The application starts as shown below:

WebSphere Integrated Solu × +				-												• ×
← A https://ofss220137.in.oracle.com:90	43/ibm/co	onsole/	login.do?ac	tion=secu	Irt ⊽ C <sup>4</sup> C	Search		☆	Ê	+	<b>俞</b> 4	A	ABP 👻	₩₽.	-	o 😑
WebSphere. software							w	/elcom	ie webs	sphere						IBM.
View: All tasks			137Node01	Cell, Profil	e=AppSrv01											Close pag
Welcome																
Guided Activities     Guided Activities     Guided Activities     Subscript Activities     Guided Activities     Subscript Activities     Subscrite     Subscript				Messages	i											
Servers							server server1						rted			
Applications				successf	ully. The colle	ection may i	need to be refre	eshed	to show	w the cu	rrent sta	tus.				
New Application																
Application Types     Global deployment settings			e Applicat													
Services				anage ins	talled applica	itions. A sin	gle application	can be	e deplo	yed ont	o multip	le se	ervers.			
+ Besources		Prefer	ences													
Security		Start	Stop	Install	Uninstall	Update	Rollout Upda	te	Remov	ve File	Expor	t	Export	DDL	Exp	ort File
+ Environment	-	a n	*** *2													
System administration			Name 🗘					Appl	isation	Status	(*)					
Users and Groups			•	r the felle	wing resource			Appi	ication	Status	<u>~</u>					
Monitoring and Tuning			DefaultApp		wing resource	===.										
Troubleshooting								-								
Service integration		] ]	FCUBSAppI	TR2				٠								
UDDI	_	] ]	ivtApp					€								
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	т	otal 4														
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III	• •							_								

### 1.2.5 FCUBS GWEJB Application Deployment

To deploy Oracle FLEXCUBE UBS application on WebSphere application server, follow the steps given below:

1. Open the Administrative Console of WebSphere server:

Open an internet0020browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.

Eg: https://10.10.10.10:1010/console

In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.



The following screen is displayed:

WebSphere Integrated Solution × +					∞ <u>- • ×</u>
https://ofss220137.in.oracle.com:9043/	ibm/console/logon.jsp	v C Q Search	☆ 自 →	F 🕆 🐗	• * - 🖸 😑
	WebSphere, software				
		WebSphere Integrat Solutions Console UserID: Password: Log in	ted		
:	Rights Reserved registered trade many jurisdiction trademarks of II	als - Property of IBM (c) Copyright IBM Cor J. IBM, the IBM logo, ibm.com and WebSpi marks of International Business Machines as worldwide. Other product and service na BM or other companies. A current list of IB Web at <u>Copyright and trademark informa</u>	here are trademarks ( Corp., registered in mes might be M trademarks is	or	
× Sync encountered an error while syncing	g: Failed to connect to the server. Sync	c will automatically retry this action.	ences		

2. Enter the user name and password and click 'Log In' to log in to the application server.

3. Navigate to the WebSphere Home Page.

The following screen is displayed.

() A https://ofss222771:9043/ibm/console/login.do?action=	secure	C Q Search			☆ 自	+ 1		
VebSphere, software			Welcome #	ebsphere	Help	Logo	ut I	IBN
iew: All tasks	Welcome							_
	Welcome		7-0 4	out this Integ	rated Solution	ons Consol	٥	
Welcome								
Guided Activities	Integrated Solutions Console provides a common administrat	ive console for multiple products. The table lists the product suites that can be	Integrated Solutions Con				0.0	*
Servers	administered through this installation. Select a product suite t			Build Numbe Build Date:		54		
<ul> <li>Server Types</li> </ul>								
WebSphere application servers	Suite Name	Version		LICENSED M 5724-J08, 5				
WebSphere MQ servers Web servers	WebSphere Application Server	9.0.0		5655-W65 (				
		2101010		Business Ma	chines Corp	1996, 20	12	-
Applications								
New Application								
Application Types								
Global deployment settings								
Services								
Service providers								
Service clients								
Policy sets								
Trust service								
Security cache								
Reliable messaging state								
Resources								
Schedulers								
Object pool managers								
Java EE default resources     JMS								
i JMS ⊫ JDBC								
JDBC     JDBC providers								
Data sources								
Data sources (V4 - deprecated)								
Resource Adapters								
Concurrency								
Cache instances								
Mail								
1 URL								
Resource Environment								
Security								
Environment								
System administration								
Users and Groups								
Monitoring and Tuning								
Troubleshooting								
Service integration								
Service Integration UDD1								

4. Expand Applications from left-side menu and Click 'New Application'.



The following screen is displayed.

WebSphere Integrated Solu × +	
https://10.184.133.191:9043/ibm/con:	sole/login.do?action=secure 🔍 C 🔍 Search 🏠 🖨 🖡 🎓 🐗 👁 💌 💌 🧧
WebSphere. software	Welcome saravanan Help   Logout IBM.
View: All tasks 🗸	Cell=ofss220239Node01Cell, Profile=FPCFL Close pag
Welcome	New Application
Guided Activities     Servers	This page provides links to create new applications of different types.
Applications	Install a New Application
New Application     Application Types     Global deployment settings	Inew Enterprise Application
<ul> <li>● Services</li> <li>● Resources</li> </ul>	INew Business Level Application
Security     Environment	Rew Asset
System administration	
Users and Groups	
Monitoring and Tuning	
Troubleshooting	
Service integration	
± UDDI	
< [ ] >	

### 5. Click 'New Enterprise Application.

💮 WebSphere Integrated Solu × +						
https://10.184.133.191:9043/ibm/cons	ole/login.do?action=secure	⊽ C <sup>e</sup> Q Search	☆ 自 ↓ 1	ABP -	æ   +	
WebSphere. software			Welcome saravanan			IBM.
View: All tasks 🗸	Enterprise Applications					Close page
Welcome     Guided Activities     Servers     Applications     New Application     Application Types     Global deployment settings     Services     Security     Environment     System administration     Users and Groups     Monitoring and Tuning     Troubleshooting     Service Integration     UDDI	Path to the new applic     Cocal file system     Full path	, or SAR module to upload and i	nstall.	select a market cursor Page h	d help i a field la r when t is displa nelp	
4						

6. Browse the application EAR file and click next button



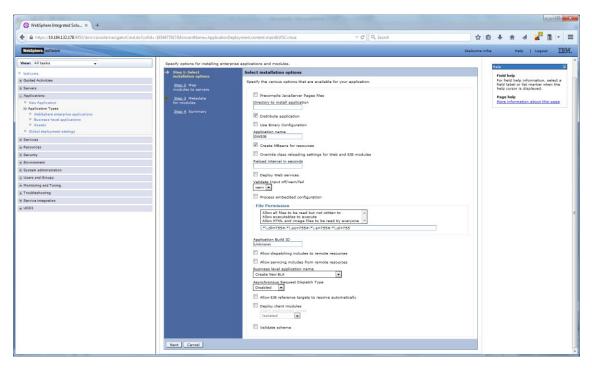
Anttps://10.184.132.178.9053/ibm/console/navigatorCm	nd.do?csrfid=-1854877917&forwardName=ApplicationDeployment.content.main&WSC=true 🛛 🗸 🖉 🛛 🔍 Search	☆自	+ +	a 🦧 🔳 -
WebSphere, software		Welcome infra	Hel	p   Lagout
View: All tasks	Enterprise Applications			Clos
Welcome	Preparing for the application installation	7 =	Help	
Guided Activities	Specify the EAR, WAR, JAR, or SAR module to upload and install.		Field help	
Servers			For field he	Ip information, sele or list marker when t
Applications	Path to the new application		help cursor	is displayed.
Rev Application	Local file system		Page help	
E Application Types	Full path		More inform	nation about this pa
WebSphere enterprise applications	Browne GWE28.ear			
<ul> <li>Business-level applications</li> <li>Assets</li> </ul>	Remote file system			
<ul> <li>Global deployment settings</li> </ul>	Full path			
	Browse			
Services				
Resources	Next Cancel			
Security				
Environment				
System administration				
Users and Groups				
Monitoring and Tuning				
Troubleshooting				
Service Integration				
UDDI				

7. Click Next and the following screen is displayed.

WebSphere Integrated Solu × +				• ×
A https://10.184.132.178.9053/ibm/console/navigatorCmd.do?csr	id=-1854877917&forwardName=ApplicationDeployment.content.main&WSC=true		☆ 自 寺 会 🛷 ど 🖺	- =
WebSphere, software			Welcome infra Help   Logout	IBM.
View: All tasks 🗸	Enterprise Applications		Cle	ose page
Stocker Actives     CodeFactores     Server     Server     Server     Server     Server     Serverserver     Serverserver	Presence for the application instantiation     How do you want to install the application?     Fast Path - Rompt only when additional information is required.     Detailed - Shew all installation options and parameters.     Choose to generate difficult bindings and mappings     Previous Test Cancer			2
a Services a Kasarves b Secury d System administration d System administration d Voters and Groups d Machinering 3 Transferbarreng 3 Service Integration a UDOI				
3 📋 🖉 🔍 🕞 🗿 🖀	- 2 🔤 🤤 🤍 📦 🗉 🧿 🖻	🗄 🔽 🖉	, 0+ Ct -	6:51 PM 5/12/2016

8. Click next and the following screen is displayed.





9. Click next and the following screen is displayed.

WebSphere Integrated Solu_ × +		
https://10.184.132.178:9053/ibm/console/navigatorCm	md.do?csrfid=-18548779178tForwardName=ApplicationDeployment.content.main&WSC=true 🖤 C 🔍 Q. Search 🙀 💼	+ A 🖌 🦊 🗎 - 🗉
WebSphere. software	Welcome Infra	Help   Logout IBM
Views All tasks 🗸	Cellinds1220073Node11Cell. Profile=#C122COOP Textall New Application IP	Close pag
Welcome		Field help
Guided Activities	Specify options for installing enterprise applications and modules.	For field help information, select a
i Servers	Step 1 Select Map modules to servers	field label or list marker when the help cursor is displayed.
Applications	Specify targets such as application servers or clusters of application servers where you want to install the modules that are contained in your	Page help
New Application	→ Stop 2: Map modules to servers application. Modules can be installed on the same application server or dispersed among several application servers. Also, specify the Web servers as targets that serve as routers for requests to this application. The plug-in configuration file (plugin-dp.xml) for each Web server is generated, based on the applications that are outed through.	More information about this page
Application Types     WebSphere enterprise applications		
<ul> <li>Weosphere enterprise applications</li> <li>Business-level applications</li> </ul>	for modules Clusters and servers: WebSphere icell=ofss220075Node11Cell.node=ofss220075Node11.server=server1 Apply	
Assets	Step 4 Summary	
<ul> <li>Global deployment settings</li> </ul>		
i Services		
n Resources	Selet Module URI Server FCServiceEB.iar.META WebSohere.cell=ofss220075Node11Cell.node=ofss220075Node11.server=server1	
i Security	(V) FCServiceLis.jar INF/ejb-jar.xml	
Environment	GWEJB.jar     GWEJB.jar     GWEJB.jar/BTA:DIF/ejb·     WebSphere:cell=ofss220075Node11Cell.node=ofss220075Node11.server=server1     Jar.zml	
E System administration		
E Users and Groups	<ul> <li>GWMsgProcEB.ger</li> <li>GWM</li></ul>	
E Monitoring and Tuning		
Troubleshooting	Previous Next Cancel	
E Service Integration		

10. click next and the following Screen is displayed.



<u> </u>	md.do?csrfid=-1854877917&forwardName=ApplicationDe	epioyment.content.manocvisc=tri	ve ♥ C Q Searc	H	0 + 6 4 🛃 🛙 -
WebSphore. software				Welcome in	
View: All tasks	Cell=ofss220075Node11Cell, Profile=FC1	22C00P			Close pa
Welcome	Install New Application			2	Help
Guided Activities	Specify options for installing enterp	orise applications and modules.			Field help For field help information, select a
± Servera	Step 1 Select	Metadata for modules			field label or list marker when the help cursor is displayed.
Applications	installation options	The metadata-complete	attribute defines whether the deployment descrip	tor for this module is complete. Set the	Page help
New Application	Step 2 Map modules to servers	metadata-complete attr deployment descriptor p	ibute to "true" to merge and persist annotation-ba netedata to avoid scanning of annotation-based n	ased metadata with existing XML-based	More information about this page
E Application Types		attribute remains 'false' performance.	, then the annotation-based metadata is scanned	each time the module is read and can impact	
<ul> <li>WebSphere enterprise applications</li> <li>Business-level applications</li> </ul>	→ Step 3: Hetadata for modules	The second se			
- Assets	Step 4 Summary	00			
<ul> <li>Global deployment settings</li> </ul>		Module	URI	metadata-complete attribute	
Services		FCServiceEJB.jar	FCServiceEJ8.jar.META-INF/ejb-jar.xml		
E Resources		GWEJ8.jar	GWEI8.jar.META-INF/ejb-jar.xml		
n becunty		GWMsgProcE38.3ar	GWMsgProcEJB.jar.META-INF/ejb-jar.xml		
± System administration		Ginnsgelocese.jar	Ganage occord and the restriction of a sound	1.1	
Users and Groups					
■ Monitoring and Tuning	Previous Next Cancel				
* Troubleshooting	L				
E Service Integration					
± UDDI					
20001					

11. Click next and the following screen is displayed.

WeSphere, Moltraug				me infra	Halo	Logout	T
	Cell+ofss220075Node11Cell. Profile=FC	1122COOP	- HALLO			1 Logour	Close
View: All tasks 🗸	Install New Application				Help		
Welcome		(2) S (18) VA (2) (17)			Field help		
Guided Activities	Specify options for installing enter	rprise applications and modules.		_	For field hel	p information	selec
Servers	Step 1 Select. Summary				field label or list marker when t help cursor is displayed. Page help		
Applications	Installation options Summary of Installation options						
II New Application	Step 2 Map modules to servers	Options	Values			ation about ti	NS PRO
Application Types		Precompile JavaServer Pages files	No		Command A	ssistance	
WebSphere enterprise applications	Step 3 Metadata for modules	Directory to install application			View admini	strative script	DQ.
<ul> <li>Business-level applications</li> <li>Assets</li> </ul>		Distribute application	Yes		command fo	r last action	
Global deployment settings	→ Step 4: Summary	Use Binary Configuration	No				
Services		Application name	GWEIB				
		Create MBeans for resources	Yes				
Resources		Override class reloading settings for Web and EJB modules	No				
Security		Reload interval in seconds					
Environment		Deploy Web services	No				
System administration		Validate Input off/warn/fail	wern				
Users and Groups		Process embedded configuration	No				
Monitoring and Tuning		File Permission	.*\.dll=755#.*\.so=755#.*\.a=755#.*\.sl=755				
Troubleshooting		Application Build ID	Unknown				
Service integration		Allow dispatching includes to remote resources	No				
UDDI		Allow servicing includes from remote resources	No				
0001		Business level application name		1			
		Asynchronous Request Dispatch Type	Disabled				
		Allow EJB reference targets to resolve automatically	No				
		Deploy client modules	No				
		Client deployment mode	Isolated				
		Validate schema	No				
		Cell/Node/Server	Click here				
	Previous Pinish Cancel	1					

12. Click on finish and the following screen is displayed.



WebSphere Integrated Solu × +		v C Q Search	文白 表 余 4 🔑 🛙	1.
9	orCmd.do?csrfid=-1854877917&forwardName=ApplicationDeployment.content.main&WSC=true	V C Q Search		1
WebSphere, software			Welcome infra Help   Logout	IBA
Viewi All tasks 👻	Installing			
Welcome	If there are enterprise beans in the application, the EJB deployment process can take sever	al minutes. Do not save the configuration until the pr	rocess completes.	
E Guided Activities	Check the SystemOut.log on the deployment manager or server where the application is deployed for sp	ecific information about the EJB deployment process as it oc	cours.	
ži Servers	ADMA5016L installation of GWEJB started			
Applications	ADMA50671 Resource valdation for application GWEJB completed successfully.			
New Application     Application Types	ADMASOSBI Application and module versions are validated with versions of deployment targets.			
<ul> <li>WebSphere enterprise applications</li> </ul>				
<ul> <li>Business-level applications</li> </ul>	ADMA5005I: The application GWEJB is configured in the WebSphere Application Server repository.			
Assets     Global deployment settings	ADMA50051 The application GWEJB is configured in the WebSphere Application Server repository.			
* Services	ADMA50811 The bootstrap address for client module is configured in the WebSphere Application Server	repository.		
a bervices	ADMA5053t The library references for the installed optional package are created.			
n Security	ADMA5005t The application GWEJB is configured in the WebSphere Application Server repository.			
<ul> <li>Decomy</li> <li>Environment</li> </ul>	ADMA50011: The application binaries are saved in /scratch/app/was8555/BM/WebSphere/AppServeripri	nies/FC122C00P/wstemp/100348368/workspace/cells/ofs	4s220075Node11Cellapplications/GWEJB.ear/GWEJB.ear	
Environment     System administration	ADMA5005I: The application GWEJB is configured in the WebSphere Application Server repository.			
Jystem community and     Users and Groups	SECJ04001 Successfully updated the application GWEJB with the appContextDForSecurity information.			
+ Monitoring and Tuning				
* Troubleshooting	ADMA5005t The application GWEJB is configured in the WebSphere Application Server repository			
Foreignering     Service Integration	ADMA5005I: The application GWEJB is configured in the WebSphere Application Server repository.			
a service integration	ADMAS113: Activation plan created successfully.			
E ODOS	ADMA50111: The cleanup of the temp directory for application GWEJB is complete.			
	ADMA5013L Application GWEJB installed successfully.			
	Application GWEJB installed successfully.			
	To start the application, first save changes to the master configuration.			
	Changes have been made to your local configuration. You can:			
	<ul> <li><u>Save</u> directly to the master configuration.</li> </ul>			
	<ul> <li><u>Review</u> changes before saving or discarding.</li> </ul>			
	To work with installed applications, click the "Manage Applications" link.			
	Manage Applications			
	DOI: 1940 PARTICIPATION CONTRACTOR			

13. Click on save and the following screen is displayed.

WebSphere. software					
Base All Isalia				Welcome infra	Help   Logout
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Welcome	enterprise	Appications		7 H	neip
Guided Activities	Enterpr	ise Applications			Field help For field help information, se
Servers		page to manage installed applications. A single applic	ation can be deployed onto multiple servers.		field label or list marker whe help cursor is displayed.
Applications	Pref	rences			
New Application	Start	Stop Install Uninstall Update Rollout	Update Remove File Export DDL Export File		Page help More information about this
Application Types	10 1	1 4 9			Command Assistance
WebSphere enterprise applications					View administrative scripting
Business-level applications		Name 🗘	Application Status 🧟		command for last action
Assets	You ca	n administer the following resources:			
Global deployment settings	E3	DefaultApplication	*		
Services	11	FCUBSADD	*		
Resources			*		
Security	2	<u>GWE38</u>			
Environment	E	GWHTTP	*		
System administration	13	GWMDB	*		
Jsers and Groups	11	GWWebServices	*		
Monitoring and Tuning		SCHDLRAppCOOP1	•		
Troubleshooting					
Service integration	E1	SCHDLRAppCOOP2	*		
UDDI	13	SCHDLRAppCOOP3	*		
	12	SCHDLRAppCOOP4	*		
	11	SCHDLRAppCOOP5	•		
	11	SCHDLRAppCOOP6	*		
	10	SCHDLRAppCOOP7	•		
	10	NtApp	*		
			*		
		avery	9		
	Total :	5			

15. Select the deployed application and click on start



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A https://10.184.132.178:9053/ibm/console/navigatorCmd.do?csrfid=-	18548779178	forwardName=ApplicationDeployment.content.main&WSC=true	⊽ C Q. Search	☆自	. ♦	1 🦊 🛙	
WebSphere, software				Welcome infra	Help	D   Logout	IBM
View: All tasks		0075Node11Cell, Profile=FC122COOP Applications		? =	Help	_	Close page
Velcome Overlage General Activities Servers Applications	Enterp	Messages     Magazine GWB38 on server server1 and node ofss2200791     refreshed to show the current status.			field label o help cursor Page help	lp information, or list marker w is displayed. nation about th Assistance	hen the
WebSphere enterprise applications     Business-level applications     Assets     Global deployment settings	Pref	s page to manage installed applications. A single application can be deployed o arances t				istrative scriptin or last action	19
± Services		- 牛 ぞ					
Resources	Select	Name 🗘	Application Status 🖞				
Security	You c	an administer the following resources:					
Environment		DefaultApplication	•				
System administration		FCUBSApp	•				
	13	GWEJB	•				
Monitoring and Tuning		GWHTTP	•				
( ■ Troubleshooting		GWMDB	8				
Service integration			27 29				
UDDI .		GWWebServices					
	10	SCHDLRAppCOOP1	•				
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		SCHDLRAppCOOP6	•				
		SCHDLRAppCOOP7	8				
		IVADD IVADD	9 9				
		guery	8				
	Total	10					

16. Click on the application and the following screen is displayed.

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https://10.184.132.178:9053/ibm/console/navigatorCmd.do?csrfid	1854877917&forwardName=ApplicationDeployment.content.main&WSC=tru	ue v C Q Search	☆自	<b>↓ ☆</b> ∢	2 🕅 👻
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Year         All tasks           I Weicrea         Service           Golded Activities         Service           Application         Service           Application         Service           Backacton Types         Service           Backacton         Service           Backacton	Enterprise Applications <u>Enterprise Applications</u> > GWEJB	to access pages for further configuring of the application or its modules.		field label or l help cursor is Page help	Close p

17. Click on EJB JNDI names and the following screen is displayed.



A https://10.184.132.178-9053/ibm/console/navigatorCm	nd.do?csrfid=-1854877917&forwardName=A	pplicationDeployment.com	tent.main&WSC=true v	C Q Search	3 🕈 A 🖌 🛃 🖬 - 1
WebSphere. software				Welcome inf	ra Help   Logout IBN
View: All tasks	Cell=ofss220075Node11Cell.	Profile=FC122COOP			Close pa
<ul> <li>Welcoma</li> <li>Guided Activities</li> <li>Servars</li> <li>Applications</li> <li>New Application</li> </ul>	EJB JNDI names Each non-message-dri pre-EJB 3.0 module, yo name for the bean or 1	ou have to use JNDI nam- local/remote home JNDI r	our application or module must be bound to a Java Na	aming and Directory Interface (JNDI) name. For beans in a DB 3.0 module, you can optionally provide binding through JNDI most payoff himfly for the local/worker horms and ary business	Help Field help For field help information, select a field label or list marker when the help cursor is displayed. Page help More information about this page
Application Types     WebSphere enterprise applications	Module	Bean	UR1	Target Resource JNDI Name	
weapone more applications     Busines: - Invola applications     Asses     Gibil deployment settings     Services     Services	PCServiceEJB.jar	FCMainProcE38	FCServiceE38.jar.META-1NF/ejb-jar.xml	XNOT name for all interfaces     Target Resource JNDT Name     JNDT name for specific Interfaces     Local Home JNDT Name	
E Security				Remote Home JNDI Name	
Environment					
s System administration u Uuer and Groups Monkhoning and Tuning s Troubleshooting S Service Integration 4 UDD1	FCServiceEJB.jar	FCSrvRouterE3B	FCSeniceEl8.jar,META-INF/qB-jar.xml	NOL name for all interfaces     Tanget Resource 2001 Name     Not Name Root Interfaces     Local Home 2001 Name     Remote Home 2001 Name	
	GWE38.jar	GWEIB	GWEJB.jar.META-1MF/qjb-jar.xml	302 name for all charless     Tage of the second all charless     Tage of the second all charles     (bit growth) All the second all charles     (charless and the second all charless and the second all charless     (charless and the second all charless and the second all charless and the second all charless     Remote shorts all charless     Remote shorts all charless	
	GWMsgProcE3B.jar	GWMsgProcE3B	GWMsgProd38.jar.META-INF/ejb-jar.xml	3NDI name for all interfaces     Target Resource 2003 Name     DIOI name for specific interfaces     tool name for specific interfaces     tool name     Remote Home 2001 Name	
	OK Cancel		•		

Provide the JNDI Name for GWEJB.jar as "GWEJB#com.ofss.fcubs.gw.ejb.GWEJBRemote"

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18. Click on OK, and the following screen is displayed.

19. Click on save and the deployment is finished.



## 1.2.6 FCUBS GWMDB Application Deployment

To deploy Oracle FLEXCUBE UBS application on WebSphere application server, follow the steps given below:

1. Open the Administrative Console of WebSphere server:

Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.

Eg: https://10.10.10.10:1010/console

In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

The following screen is displayed:

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		WebSphere. softwa	re	WebSphere Inte						
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		IBM.	Rights Reserved registered trade many jurisdiction trademarks of I	als - Property of IBM (c) Copyright I 1. IBM, the IBM logo, ibm.com and 1 marks of International Business Ma ns worldwide. Other product and ser- BM or other companies. A current lis BM or other companies. A current lis- ter the set the set of the	NebSphere are trademar chines Corp., registered vice names might be t of IBM trademarks is	ks or in				
×	Sync encountered an error while sync	ing: Failed to connec	to the server. Syn	c will automatically retry this action.	Preferences					

- 2. Enter the user name and password and click 'Log In' to log in to the application server.
- 3. Navigate to the WebSphere Home Page.



#### The following screen is displayed.

WebSphere Integrated Solu × Oracle Financial Ser	vices14 × +		- 6
(i) a https://ofss222771:9043/ibm/console/login.do?activ	n=secure	C Q Search	☆ 自 ♣ 合 ♡
WebSphere, software			Welcome websphere Help   Logout IB
View: All tasks 👻	Welcome		
Welcome	Welcome		About this Integrated Solutions Console
E Guided Activities			
	Integrated Solutions Console provides a common administrative console		Integrated Solutions Console, 9.0.0.0 . Build Number: gm1621.04
3 Servers	administered through this installation. Select a product suite to view more	e information.	Build Number: gm1621.04 Build Date: 5/26/16
E Server Types			LICENSED MATERIALS PROPERTY OF IBM
<ul> <li>WebSphere application servers</li> <li>WebSphere MO servers</li> </ul>	Suite Name	Version	5724-J08, 5724-I63, 5724-H88, 5724-H89,
Web servers	WebSphere Application Server	9.0.0.0	5655-W65 (C) Copyright International
			Business Machines Corp. 1996, 2012
Applications			
New Application			
Application Types     Global deployment settings			
Services			
Service providers			
Service clients			
Policy sets			
Trust service Security cache			
<ul> <li>Security cache</li> <li>Reliable messaging state</li> </ul>			
- Resources			
Schedulers			
Object pool managers     Java EE default resources			
JMS			
E JDBC			
JDBC providers			
Data sources			
Data sources (V4 - deprecated)			
Resource Adapters			
Concurrency			
Cache instances			
🕢 Mail			
I URL			
Resource Environment			
Security			
Environment			
System administration			
Users and Groups			
Monitoring and Tuning			
E Troubleshooting			
E Troubleshooting E Service integration			
E Troubleshooting			

4. Expand Applications from left-side menu and Click 'New Application'.

The following screen is displayed.

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View: All tasks 🔻	Cell=ofss220239Node01Cell, Profile=FPCFL			Close page
Welcome Guided Activities	New Application			
	This page provides links to create new applications of different t	types.		
Applications     New Application     Application     Application Types     Global deployment settings	Install a New Application			
<ul> <li></li></ul>	New Business Level Application			
	New Asset			
<ul> <li></li></ul>				
Monitoring and Tuning				
+ Troubleshooting				
Service integration				
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5. Click 'New Enterprise Application.



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View: All tasks 🔻	Enterprise Applications		Close page
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∃ Guided Activities	Specify the EAR, WAR, JAR, or SAR module to upload and install.		Field help
Servers			For field help information, select a field label or list
Applications	Path to the new application		marker when the help
<ul> <li>New Application</li> <li>Application Types</li> <li>Global deployment settings</li> </ul>	Local file system     Full path		cursor is displayed. Page help
	Browse_ No file selected.		More information about this page
Resources	Remote file system		
Security	Full path	Browse	
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	Next Cancel		
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Monitoring and Tuning			
Troubleshooting			
Service integration			
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6. Click on Browse and select the MDB EAR and the following screen is displayed

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View: All tasks	Enterprise Applications	Close pa
Welcome	Preparing for the application installation	? Help
Welcome     Guided Activities		Field help
t Servers	Specify the EAR, WAR, JAR, or SAR module to upload and install.	For field help information, select a field label or list marker when the help cursor is displayed.
Applications	Path to the new application	held label or list marker when the help cursor is displayed.
New Application	Local file system	Page help
Application Types	Full path	More information about this page
WebSphere enterprise applications	Browse GWMDB.ear	
Business-level applications	Remote file system	
Assets	Full path	
Global deployment settings	Browse	
± Services		
Resources	Next Cancel	
± Security		
Environment		
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Users and Groups		
Monitoring and Tuning		
+ Troubleshooting		
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8. Click on next and the following screen is displayed.

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WebSphere, software			Welcome in	nfra Help   Logout I
View: All tasks	Specify options for installing ent	erprise applications and modules.		<b>N</b>
Welcome	→ Step 1: Select	Select installation options		Help
Guided Activities	installation options	Specify the various options that are available for your application.		Field help For field help information, select a
Servers	Step Z Map modules to servers			field label or list marker when the help cursor is displayed.
Applications	and the second se	Precompile JavaServer Pages files		Page help
New Application	Step 3 Bind listeners for	Directory to install application		More information about this page
Application Types	message-driven beans			
<ul> <li>WebSphere enterprise applications</li> <li>Business level applications</li> </ul>	Step 4 Map	V Distribute application		
· Assets	resource references to resources	Use Binary Configuration		
Global deployment settings		Application name		
Services	Step 5 Map resource	GWMDB		
Resources	environment references to	Create MBeans for resources		
ecurity.	references to resources	Override class reloading settings for Web and EJB modules		
invironment	Step 6 Metadata for modules	Reload interval in seconds		
system administration	for modules			
Jsers and Groups	Step 7 Summary	Deploy Web services		
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Troubleshooting				
Service integration		Process embedded configuration		
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		Application Build ID Unknown		
		Allow dispatching includes to remote resources		
		Allow servicing includes from remote resources		
		Business level application name		
		Create New BLA		
		Asynchronous Request Dispatch Type Disabled		
		Allow EB reference targets to resolve automatically		
		Deploy client modules		
		Clear depresent modules Isolated		
		🖾 Validate schema		



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Welcome	Install New Application						17 11	Help	
Guided Activities	Specify options for installin	g enterpris	applications and	modules.				Field help	information, select a
* Servers	Step 1 Select	Map mod	ules to servers					field label or I help cursor is	ist marker when the
- Applications	installation options	Consile to		ination annuals of chatters o	f application services where you a	ent to install the modules that are	contained in your	Page help	
New Application	Step 2: Map     modules to servers	applicatio	n. Modules can be	installed on the same app	lication server or dispersed amon	g several application servers. Also, figuration file (plugin-cfg.xml) for e	specify the Web		ion about this page
Application Types		is genera	ed, based on the	applications that are router	this application. The plug-in con through.	riguration file (plugin-crg.xml) for e	ach web server		
<ul> <li>WebSphere enterprise applications</li> <li>Business-level applications</li> </ul>	Step 3 Bind listeners for	Clusters	and servers:						
Assets	message-driven beans	WebSpl	ere cell=ofss2200	75Node11Cell.node=ofss2:	10075Node11.server=server1	Apply			
Global deployment settings	Step 4 Map	Q C							
± Services	resource references to resources								
E Resources		Select	Module	URI	Server				
* Security	Step 5 Map		FCServiceEJB.jar	FCServiceEJB.jar.META- INF/ejb-jar.xml	WebSphere cell=ofss220075Nor	de11Cell,node=ofss220075Node11,	server=server1		
Environment	environment	19	GWMD8.iar	GWMOB.jar.META-	WebSphere (cell=ofss220075Nor	de11Cell.node=ofss220075Node11.	server=server1		
E System administration	references to resources		Gwmoe.jar	INF/ejb-jar.xml					
E Users and Groups	Step 6 Metadata		GWMsgProcEJ8.ja	GWMsgProcEJB.jar.META- INF/ejb-jar.xml	WebSphere:cell=ofss220075Nor	de11Cell.node=ofss220075Node11.	server=server1		
± Monitoring and Tuning	for modules								
+ Troubleshooting	Step 7 Summary								
± Service Integration	Previous Next Ca	nral							
* UDDI									

10. Click on next and the following screen is displayed.

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A https://10.184.132.178:9053/ibm/console/navigatorCmd.do?csrfid	i=-1854877917&forwardName=ApplicationDeployment.co	content.main&WSC=true		∀ C <sup>e</sup> Q, Search	☆	â <b>↓</b> 1	ñ 🖪 🦊	
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■ Walcone © Goldek Archites © Servers ■ Applications ■ New Application ■ New Application ■ Veh Application ■ Veh Applications	installation options <u>Step 2</u> Map act modules to servers nat	nd listeners for message	se bean in your application ame. When a message-dr	iven enterprise bean is boun	to a listener port name or to an d to an activation specification JNDI	field l help o Page	ald help informat abel or list mark ursor is displaye	er when the d.
Business-Invel applications Action Collabil deployment settings Collabil deployment settings Resources Resources Resources Security Businement System administration	message-driven beans	GWMDB.jar GWMDB		Messaging type javax.jms.MessageListener	Listener port     Name     EmsIn_Listener     Activation Specification     Target Resource JNDI Name			
s: Users and Groups 6: Monitoring and Tuning 6: Troublashooring 6: Service Integration 6: UOD1	Stop 6 Metadata for modules     Stop 7 Summary      Previous Next Cancel				Destination JNDI name ActivationSpec authentication alias			

11. Input the listner name click next. Following screen is displayed.



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Num: Call lasks   Num: Solid A Balance   Solid A Balance Salid a Malance   Solid A Balance Salid A Malance <th>WebSphere, software</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Welcome in</th> <th>ufra</th> <th>Help</th> <th></th> <th>IBN</th>	WebSphere, software								Welcome in	ufra	Help		IBN
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<pre>Setial Additional Set Set Set Set Set Set Set Set Set Set</pre>	Welcome	Install New Application							7 ×	Help	P		
Several description enforcement of resources       International description enforcement of resources	Guided Activities	Specify options for installing enterprise	ise applications	and modules						Fo	or field help i	nformation,	select a
<pre>selectands An Argingtions B An Argi</pre>	E Servers	Step 1 Select	Map res	ource refer	ences to	resources				fie	eld label or li elp cursor is i	st marker wi displayed.	ten the
* Nordigitation: * Addicists Type a play labeling: • Addicists Type a play labeling: • Addicist Type a	Applications		Each res	ource referer	ce that is	defined in your appli	cation must be ma	oped to a resource.		P	age help		
<ul> <li>A plane in a space in a plane in a plane in a space in a space</li></ul>	New Application	Step 2 Map										on about thi	s page
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• Brack Hadron Sectors Model And Sectors Mode		beans											
Interaction   Executive   Environment   Users and Groups   Second Manufactor   Second Manufactor   Environment   Users and Groups   Second Manufactor   Second Manu			Selec	Module	Bean	URI	Resource Reference	Target Resource JNDI Name	Login configuration				
Serviry       Back Map         Bioinstration       Back Map         Servire deministration       Image: Service deministration         Users add mistration       Partice Service deministration         Service integration       Partice Service deministration         Trababasesing       Partice Service deministration         Service integration       Costancer in Authorization         Trababasesing       Status of add Turner         Service integration       Status of add Turner         UOD 1       Status of Turner         UOD 1       Status of add Turner         UOD 1       Status of add Turner         UOD 1       Status of add Turner         UDD 1       Status of add Turner <t< td=""><td>Resources</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Resource</td><td></td><td></td><td></td><td></td></t<>	Resources								Resource				
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System Software       Tessources       methods:       methods:         Measures of Turneg       State:::       State::::       State:::::::::::::::::::::::::::::::::::	Environment	environment		GWMDB.jat	GWMDB	GWMDB.jar, META-	MDBQCF	MOBQCF					
Uners and franke     Resc. & Methodale       Wanking and Taking     Social Statistication       Service Integration     Social Statistication       UDD1     Service Integration       UDD2     Service Integration       UDD2     Service Integration       UDD2     Service Integration       UDD2 </td <td>System administration</td> <td>resources</td> <td></td> <td></td> <td></td> <td>Trev elo-Jacocci</td> <td></td> <td></td> <td>Authentication method:</td> <td></td> <td></td> <td></td> <td></td>	System administration	resources				Trev elo-Jacocci			Authentication method:				
Monimorg and Timing Tor Incides Status 2 Summary Status 2		Step 6 Metadata							None				
Tradiakhesing         Senica Magritian         UDD1             Belet       Module       Rea       UE1       Resource       Literaded Bropartias             Belet       Module       Rea       UE1       Resource       Target Resource 2001       Literia             WHDE jaw       ownEdB jaw       OwnEdB jaw       PLANTEST.WORLD       PLANTEST.WORLD       Authentication	Mesiterine and Tuning	for modules											
Indextraining         UDDI         UDDI         Service integration         Service integratintegratintegrat		Step 7 Summary	javar	sqLXADataSos	rce								
UDDI Helest Module Bean URI Resource 3001 Leggi W gwydb gw gwydb gw gwydb gw MHTA, av MHTA Dar Pelottest work LD Reference in method: Nore			Mo	dify Resourc	a Authenti	cation Method	Extended Propertie						
Select     Module     Bean     URI     Resource Reference     Target Resource 2001     Login configuration       (2)     GWHDB.jar     GWHDB.jar.     GWHDB.jar.MITA- DBF/glc/jar.mit     PLEXTEST.WORLD     FLEXTEST.WORLD     Authentication Reference													
Image:	UDDI		Q	0									
Image: Construction of the second s			Se	ect Module	Bean	URI	Resource Reference	Target Resource 3NDI Name	Login configuration				
Image: Control of the second contecontecond control of the second control of the second													
(2) Underge United INFreibijkkund Perfebijkkund Center House United Infreibijkkund Refereibijkkund						GWMDB inc META		-	Container				
			12	GWMDB	jar GWMI	DB INF/ejb-jar.xml	FLEXTEST, WORLD	FLEXTEST.WORLD	method:				
		Perious Next Cancel							NUTR				

12. Enter the details as shown and click next.

WebSphere Integrated Solu × +	And Road a					
+ https://10.184.132.178/9053/ibm/console/navigatorCmd	d.do?csrfid=-1854877917&forwardName=ApplicationDeployment.content.main&WSC=true	∀ C Q Search	☆自↓	÷ 4	2	1 · =
WebSphers. software			Welcome infra	Help	1 Logout	IBM.
View: All tasks	Enterprise Applications					Close page
= Welcome	Application Resource Warnings					=
Guided Activities	ADMA8019E: The resources that are assigned to the application are beyond the de	eployment target scope. Resources are within the deply	lovment target scope if they are defined	at the cell, r	ode, server.	or
1: Servers	application level when the deployment target is a server, or at the cell, cluster, or ap application or confirm that these resources assignments are correct as specified.	plication level when the deployment target is a cluster.	Assign resources that are within the dep	ployment tar	get scope of	the
Applications	Step 4 - Map resource references to resources resulted in the following resource warm	the second s				
New Application     Application Types		ings. If Application Resource validation is set to fail, yo	ou will not be able to continue.			_
WebSohere enterprise applications	Modules					
Business-level applications	Name: GWMDB.jar UR1: GWMDB.jar.META-INF/eib+jar.xml					
Assetz	Target: WebSphere:cell=ofss220075Node11Cell.node=ofss220075Node11.server=s	erver1				
8 Global deployment settings	Resource Reference:					
a Services	Name: FLEXTEST.WORLD					
⊕ Resources	Type: javax.sql.XADataSource					
* Security	Resource Assignment:					
Environment	& Type: javax.sql.XADataSource					
System administration	JND11 FLEXTEST.WORLD					
Users and Groups	The JNDI name specified was not found therefore data source validation cannot l	be done.				
Monitoring and Tuning						
Troubleshooting	Module:					
	Name: GWMDB.jar URI: GWMDB.jar.META-INF/elb-lar.xml					
Service integration	Resource Reference:					
± UDDI	Name: MDBQCF					
	Type: javax.jms.XAQueueConnectionFactory					
	Resource Assignment:					
	Type: javax.jms.XAQueueConnectionFactory					
	3ND1: MDBQCF					
	Continue Cancel					

13. Click on continue and following screen is displayed.



		+ +			C Q. Search			nDeployment.conte	-18548779178d orwardName=ApplicationD	8:9053/ibm/console/navigatorCmd.do?csrfic	https://10.184.132.178:905
Year: Al table	elp   Legout		Welcome infre								febSphere. software
Notices     Part Note Application     Part Note App	Close		-					-C122COOP		•	ews All tasks
Control Action State       Control Action State       The Action State State Action S		Help	<b>2</b>						Install New Application		
Starutz         Result Select         Result Select<	help information, selec	For field					s and modules.	erprise application	Specify options for installing enterg		
Applications       Bit Applications       Bit Applications       Conference and provide for service and provide for	I or list marker when the	field lab				nt references to resource	source enviror	Map re	Step 1 Select		arvers .
<ul> <li>         Is there defines the second seco</li></ul>					tuler	e environment reference in m	use values for res	Confin	Installation options		Applications
if AgleCard Typer → addates understanding → addates → addates	rmation about this pad	More int							Step 2 Map		New Application
Beach Vol Spikesses     Asses     Asses     Asses     Asses     Madule     Madule     Asses     Madule     Madu											
Obs/ Golyman stering:         Opend: Mp         Opend: Mp         Owned: put owned								10000000	Step 3 Bind listeners for		
Other depresentations         Disc.         High markage         Vital (Vital seconds transports/ transports/ markage         Vital (Vital seconds transports/ markage         Vital (Vital seconds transports/ markage         Vital secon			me	Target Resource JNDI Nan	Resource Reference		Module Bea	Select	message driven beans		
anicas acurdas de la construita de la co			INSE	MDB_QUEUE_RESPO	MDB_QUEUE_RESPONSE		GWMDB.jar GWI	1	Step 4 Man	91	Global deployment settings
standing sectory se				MDB QUEUE DLO	MDB OUFUE DLO	GWMDB.jar.META-INF/ejb-	GWMDB.tar GWI	12	resource references		
nivianaes yian administration yian administration santong adminis											
State         Information           State         State			ONSE	_MDB_QUEUE_RESPO	SW_MD8_QUEUE_RESPONSE	jar.aml	GWMD8.jar GWI		resource		
eer sed Grugs eers sed Grugs behong sed schedung seg Step 2 summary roles integration Previous Text Cancel									environment references to		vironment
ananda da for modulas galdadustrig galdadustrig Denisinguidas											
estang addresses deskestes Nie inspeties  Perioz Rest Cancel									Step 5 Metadata for modules		
spectra Section Sectio											
									bieb z summary		
								]	Previous Next Cancel		
											IDDI

14. Give necessary details as shown and click next.

WebSphere Integrated Solu_ × +	Read Read In					• • ×
€ A https://10.184.132.178:9053/ibm/console/navigatorCmd.d	o?csrfids=1854877917&dorwardNamesApplicationDeployment.content.main&WSC=true	v C Q Search	☆ 自 ♣	<b>↑</b> 4	21	1 · ≡
WebSphere. software			Welcome infra	Help	Legout	IBM.
View: All tasks	Enterprise Applications				-	Close page
Veren i datasia 4 Outors 5 Outors 5 Outors 5 Outors 5 Outors 5 Servera 5 Applement 6 Applement 7 Applement 7 Applement 8 Applement 9 App	Margine Sequences         A robust 2019: The resources that are assigned to the application are beyond the displacetor or form that these resources assignments are correct as specifical.         B robust 2019: The resources that are assigned to the application or correct as specifical.         B robust 2019: The resources that are assigned to the application or correct as specifical.         B robust 2019: The resources that are assigned to the application or correct as specifical.         B robust 2019: The resource assignment reference to resources resulted in the following the robust 2010 following th	resource warnings. If Application Resource Validatio				=

15. Click on continue and below screen is displayed.



https://10.184.132.178.9053/ibm/console/navigatorCr	md.do?csrfid=-18548779178dforwardName=ApplicationD	eployment.content.main8cWSC=tri	ue ∨ C Q, Searci	h 🔂	8 + + 4 🎽 🛚 -
WebSphere. software				Welcome in	and a second a second
iew: All tasks 👻	Cell=ofex220075Node11Cell, Profile=PC	122COOP			Close ;
Welcome	Install New Application			R =	Help
Guided Activities	Specify options for installing enter	prise applications and modules.			Field help For field help information, select
Servers	Step 1 Select	Metadata for modules			field label or list marker when the help cursor is displayed.
Applications	Installation options Step 2 Map	metadata-complete attr	attribute defines whether the deployment descript ibute to "true" to merge and persist annotation-ba	ased metadata with existing XML-based	Page help More information about this page
New Application     Application Types     WebSphere enterprise applications	modules to servers	deployment descriptor n	netedata to avoid scanning of annotation-based m , then the annotation-based metadata is scanned	netadata each time the module is read. If the	more information about this page
Websprace interprise applications     Business-level applications     Assets	Step.3 Bind listeners for message-driven beans	0 0			
Global deployment settings	Step 4 Map	Module	URI	metadata-complete attribute	
Services	resource references to resources	FCServiceEJB.jar	FCServiceEJB.jar, META-INF/ejb-jar.xml	0	
Resources Security	Step 3 Map	GWMDB.jar	GWMDB.jar,META-INF/ejb-jar.xml	8	
Security	resource environment	GWMsgProcE38.jar	GWMsgProcEJB.jar.META-INF/ejb-jar.xml	-	
System administration	references to resources	Grandsgeroceje-jar	excusion or conclusion ( y, 186, 610-191 Xm)	E.J.	
Users and Groups		1			
Monitoring and Tuning	-> Step 6: Netadata for modules				
Troubleshooting	Step 7 Summery				
Service integration	Previous Next Cancel				
IDDI	Previous Next Cancel				

16. Click on next and following screen is displayed.

WebSphere, software View: All tasks -	Cell-ofs:220075Node11Cell. Profile-Pr			elcome infra	14		IBM
= Welcome						elp   Logout	101
					Heln		Close pag
	stratan nen oppresent				a part of the		
Guided Activities	Specify options for installing ente	rprise applications and modules.			Field help	p help information	and and an
E Servers	Step 1 Select	Summary			field labe	or list marker v	shen the
	installation options					or is displayed.	
E Applications	Step 2 Map	Summary of installation options			Page hel		
New Application     Application Types	modules to servers	Options	Values			rmation about t	his page
WebSphere enterprise applications	Step 3 Bind	Precompile JavaServer Pages files	No			d Assistance inistrative script	1010
Business-level applications	listeners for message-driven	Directory to install application			commen	d for last action	price
# Agents	beans	Distribute application	Yes				
Clobal deployment settings	Step 4 Map	Use Binary Configuration	No				
I Services	resource references to resources	Application name	GWMDB				
Resources	to resources	Create MBeans for resources	Yes				
* Security	Step 5 Map	Override class reloading settings for Web and EJB modules	No				
* Environment	resource environment	Reload interval in seconds					
	references to resources	Deploy Web services	No				
		Validate Input off/warn/fail	warn				
± Users and Groups	Step 6 Metadata for modules	Process embedded configuration	No				
Monitoring and Tuning		File Permission	.*\.dll=755#.*\.so=755#.*\.a=755#.*\.sl=755				
Troubleshooting	→ Step 7: Summary	Application Build ID	Unknown				
± Service integration		Allow dispatching includes to remote resources	No				
I UDDI		Allow servicing includes from remote resources	No				
		Business level application name					
		Asynchronous Request Dispatch Type	Disabled				
		Allow EJB reference targets to resolve automatically	No				
		Deploy client modules	No				
		Client deployment mode	Isolated				
		Validate schema	No				
		Cell/Node/Server	Click here				
	Previous Finish Cancel						

17. Click on Finish and following screen is displayed.



( WebSphere Integrated Solu × +	Annual Manadated					- 0 <mark>- x</mark>
https://10.184.132.178:9053/ibm/console/navigator	Cmd.do?csrfid=-1854877917&forwardName=ApplicationDeployment.content.main&WSC=true	∀ C Q Search	☆自◆	<b>↑</b>	2	n  -   =
WebSphere. software			Welcome infra	Help	Logout	IBM.
View: All tasks	Installing					
= Welcome	If there are enterprise beans in the application, the EJB deployment process can take severa	I minutes. Do not save the configuration until the proce	as completes.			
Guided Activities	Check the SystemOut.log on the deployment manager or server where the application is deployed for spe					
Servers		cinc information about the E36 deployment process as a occurs	s.			
- Applications	ADMA5016I: Installation of GWMDB started.					
New Application	ADMA0139W: The resource assignment of name MDBQCF and type javax jms XAQueueConnectionFactor			xml deployed	to target	
Application Types	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11,server=server1, but of wrong resource					
WebSphere enterprise applications Business-level applications	ADMA0115W: Resource assignment of name FLEXTEST.WORLD and type javax.sql.XADataSource, with WebSphere:cell=ofss22007SNode11Cell.node=ofss22007SNode11,server=server1.	NDI name FLEXTEST.WORLD is not found within scope of mode	ule GWMDB.jar with URI GWMDB.jar,META-INF/	jb-jar.xml dep	loyed to targ	et
<ul> <li>Assets</li> <li>Global deployment settings</li> </ul>	ADMA0115W: Resource assignment of name SW_MDB_QUEUE_RESPONSE and type javax.jms.Queue, w WebSphere.cell=ofss220075Node11Cell,node=ofss220075Node11,server=server1.	th JNDI name SW_MDB_QUEUE_RESPONSE is not found within	n scope of module GWMDB.jar with URIGWMD	.jar,META-INF	/ejb-jar.xml d	eployed to targ
± Services	ADMA5068t The resource validation for application GWMDB completed successfully, but warnings occur	ed during validation.				
Resources	ADMA5058I: Application and module versions are validated with versions of deployment targets.					
± Security	ADMA5005I: The application GWMDB is configured in the WebSphere Application Server repository.					
Environment						
System administration	ADMA5005I: The application GWMDB is configured in the WebSphere Application Server repository.					
+ Users and Groups	ADMA50811: The bootstrap address for client module is configured in the WebSphere Application Server r	epository.				
Monitoring and Tuning	ADMA5053I: The library references for the installed optional package are created.					
Troubleshooting	ADMA5005I: The application GWMDB is configured in the WebSphere Application Server repository.					
t Service integration	ADMA5001I: The application binaries are saved in /scratch/app/was8555/BM/WebSphere/AppServer/pro	Nex/FC122CDOD/wetern/100348368/worksnare/relis/ofee220	0075Node11Cell/applications/QV/MDB.ear/QV/M	Bear		
I UDDI	ADMA5005I: The application GWMDB is configured in the WebSphere Application Server repository.					
- 0551						
	SECJ0400I: Successfully updated the application GWMDB with the appContextIDForSecurity information.					
	ADMA5005I: The application GWMDB is configured in the WebSphere Application Server repository.					
	ADMA5005I: The application GWMDB is configured in the WebSphere Application Server repository.					
	ADMA5113t Activation plan created successfully.					
	ADMA50111: The cleanup of the temp directory for application GWMDB is complete.					
	ADMA5013I: Application GWMDB installed successfully.					
	Application GWMDB installed successfully.					
	To start the application, first save changes to the master configuration.					
	Changes have been made to your local configuration. You can:					
	<ul> <li><u>Save</u> directly to the master configuration.</li> </ul>					
	Review changes before saving or discarding.					
	To work with installed applications, click the "Manage Applications" link.					
	Manage Applications					

18. Click on save and following screen is displayed.

WebSphere. software	Callactus	220075Node11Cell, Profile=FC122COOP		Welcome infra	Help   Logout IB
View: All tasks		e Applications		7 -	Help
Welcome 6 Guided Activities 5 Servers	Enter Use t	prise Applications	application can be deployed onto multiple servers.		Field help For field help information, select a field label or list marker when the help cursor is displayed.
Applications New Application	St	art Stop Install Uninstall Update	Rollout Update Remove File Export Export DDL Export File		Page help More information about this page
Application Types	B	<b>同</b> 学 学			Command Assistance
WebSphere enterprise applications		t Name 🗅	Application Status 🗘		View administrative scripting command for last action
Business-level applications Assets		can administer the following resources:	Application Status Q		command for last action
Global deployment settings	100	DefaultApplication	*		
Services			•		
Resources		ECUBSADD	-		
Security		GWEJB	*		
Environment		GWHTTP	*		
System administration		GWMDB	*		
Users and Groups		GWWebServices	*		
Monitoring and Tuning		SCHDLRAppCOOP1	•		
Troubleshooting			•		
Service integration		SCHDLRAppCOOP2	-		
UDDI		SCHDLRAppCOOP3	*		
	<b></b>	SCHDLRAppCOOP4	•		
		SCHDLRAppCOOP5	*		
	[7]	SCHDLRAppCOOP6	*		
		SCHDLRAppCOOP7	*		
			•		
		ixtApp	-		
		guery	*		
		15			

19. Click on installed FCUBS Application and the following screen is displayed.



	Cell=ofss2311694Node08Cell, Profile=ELCMOBCLAPP		Close pa
View: All tasks 👻			
= Welcome	Enterprise Applications		' - Help
E Guided Activities	Enterprise Applications > FCJNeoWeb		Field help
- F Servers		Click the links to access pages for further configuring of the application	For field help information select a field label or list
Applications	or its modules.		marker when the help
= Applications = New Application	Configuration Runtime		cursor is displayed.
New Application     Application Types			Page help
= WebSphere enterprise applications			More information about this page
= Business-level applications	General Properties		this page
= Assets		Modules	
<ul> <li>Global deployment settings</li> </ul>	* Name	Manage Modules	
E Services	FCJNeoWeb	Metadata for modules	
Resources	Application reference validation	Display module build Ids	
. Security	Issue warnings 🔻	Web Module Properties	
= Environment	Datail Broadting		
Virtual hosts	Detail Properties	Session management	
<ul> <li>Update global Web server plug-in configuration</li> </ul>	Target specific application status	Context Root For Web Modules	
= WebSphere variables	Startup behavior	Environment entries for Web modules	
<ul> <li>Shared libraries</li> </ul>	Application binaries	Initialize parameters for servlets	
= SIP application routers = Replication domains	Class loading and update detection	= JSP and JSF options	
Naming	Request dispatcher properties	Virtual hosts	
OSGi bundle repositories	= JASPI provider	Enterprise Java Bean Properties	
System administration	Custom properties		
	View Deployment Descriptor	Default messaging provider references	
• Users and Groups	Last participant support extension	= Application profiles	
Monitoring and Tuning	References	Environment entries for EJB modules	
■ Troubleshooting		Bind EJB Business	
<ul> <li>Service integration</li> </ul>	= EJB references	<u>Message Driven Bean listener bindings</u>	
± UDDI	Shared library references	= EJB JNDI names	
	Shared library relationships	Client Module Properties	
		Client module deployment mode	
	Apply OK Reset Cancel		
		Web Services Properties	
		Service providers	
		Service provider policy sets and bindings	
		Service clients	
		Service client policy sets and bindings	
		Reliable messaging state	
		Provide JMS and EJB endpoint URL information	
		Publish WSDL files	
		Provide HTTP endpoint URL information	

20. Click 'Shared library references' under 'References'.

The following screen is displayed.

View: All tasks   Welcome Guided Activities Servers	Enterprise App	lications				Close pa
Guided Activities				7 -	Help	
Servers					Field help	
		Applications > FCJNeoWeb > Shared	library references		For field help info	ormation
	Shared Lib	rary Mapping for Modules			select a field lab	el or list
Applications			ndividual modules reference. These libraries m	ust be defined in the	marker when the cursor is displaye	
= New Application	configurat	tion at the appropriate scope.			Page help	
Application Types	Refere	ince shared libraries			More information	about
<ul> <li>WebSphere enterprise applications</li> <li>Business-level applications</li> </ul>					this page	
= Assets	Select	Application	URI	Shared Libraries		
= Global deployment settings		FCJNeoWeb	META-INF/application.xml	OBCLExtAdapter		
Services	Select	Module	URI	Shared Libraries		
Resources		FlexCubeCorporate	FCJNeoWeb.war,WEB-INF/web.xml			
Security		Enterprise Limits Gateway	ELCMWeb.war, WEB-INF/web.xml			
Environment		Security Management Gateway	SMWeb.war,WEB-INF/web.xml			
webSphere variables     Shared libraries     SIP application routers     Replication domains     Maming     JOSGi bundle repositories	OK Car	rcel				
System administration						
Users and Groups						
Monitoring and Tuning						
Troubleshooting						
Service integration						
UDDI						

21. Select your Application and click 'Reference Shared Library'.



The following screen is displayed.

WebSphere. software		Welcome infra	Help   Logout IBM.
View: All tasks	Cell=ofss2311694Node08Cell, Profile=ELCMOBCLAPP		Close page
View: All tasks    Welcome  Global dubble du	Enterprise Applications Enterprise Applications > FCJNeoWeb > Shared library references > Shared Library Mapping Map shared libraries to an entire application or to one or more modules. Map libraries to the application or module listed FCJNeoWeb	7 -	Help         -           Field help         For field help information, select a field label or list marker when the help cursor is displayed.           Page help         More information about this page
	Select the library in the Available list. Move it to the Selected list by clicking >>.           Available:         Selected:		
Resources	OBCLExtAdapter A		
+ Security			
Environment			
<ul> <li>Virtual hosts</li> <li>Update global Web server plug-in configuration</li> <li>WebSphere variables</li> <li>Shared libraries</li> <li>STP application routers</li> <li>Replication domains</li> <li>Raming</li> <li>Osci bundle repositories</li> </ul>	New OK Cancel		
System administration			
Users and Groups			
Monitoring and Tuning			
Troubleshooting			
Service integration			
e UDDI		Sivakannan Somasund FW: 12-5 Core Support	aram ▼ X Jaram ▼ X Check in - Request for approval

22. Click on right arrow button to add Available shared library reference.

The following screen is displayed.



/īew: All tasks →		
	Cell=ofss2311694Node08Cell, Profile=ELCMOBCLAPP	Close p
Nelcome	Enterprise Applications ? -	Help
Guided Activities	Enterprise Applications > FCJNeoWeb > Shared library references > Shared Library Mapping	Field help
Servers	Map shared libraries to an entire application or to one or more modules.	For field help information select a field label or list
Applications	Map libraries to the application or module listed	marker when the help
		cursor is displayed.
<ul> <li>New Application</li> <li>Application Types</li> </ul>	FCJNeoWeb	Page help
WebSphere enterprise applications		More information about
<ul> <li>Business-level applications</li> </ul>		this page
= Assets		
<ul> <li>Global deployment settings</li> </ul>	Select the library in the Available list. Move it to the Selected list by clicking >>.	
Services	Available: Selected:	
	OBCLExtAdapter	
Resources		
Security		
Environment		
= Virtual hosts		
<ul> <li>Update global Web server plug-in configuration</li> </ul>	New	
= WebSphere variables		
= Shared libraries	OK Cancel	
= SIP application routers		
= Replication domains		
Naming		
OSGi bundle repositories     ■     □		
System administration		
Users and Groups		
Monitoring and Tuning		
Troubleshooting		
Service integration		
UDDI		

- 23. .Click 'OK' and 'Save' the changes.
- 24. Select the deployed EAR and click 'Start'.

					Welcome infra		Help   Logo	ot IBI
WebSphere. software	Celler	059220	075Node11Cell, Profile=FC122COOP		Welcome infra		Help   Logo	Close pa
View: All tasks 🗸			pplications		17 E	Help		
Welcome						Field he	de	
Guided Activities			Messages			For field	help informati	on, select a
± Servers			Application GWMDB on server server1 and node or refreshed to show the current status.	fss220075Node11 started successfully. The collection may need to be			rsor is displayed	
Applications						Page h		
New Application     Application Types	E	nterpri	e Applications				formation about	t this page
WebSphere enterprise applications	U.	ise this	page to manage installed applications. A single application can be d	eployed onto multiple servers.			ind Assistance ministrative scr nd for last actio	ipting
<ul> <li>Business-level applications</li> <li>Assets</li> </ul>		Prefer	ences			comma	nd for last actio	0
<ul> <li>Global deployment settings</li> </ul>		Start	Stop Install Uninstall Update Rollout Update Re	move File Export DDL Export File				
Services		D D	牛 増					
± Resources	s	elect	Name 🗘	Application Status 🖨				
± Security	,	You can	administer the following resources:					
Environment		1	DefaultApplication	*				
System administration	E	8	FCUBSApp	*				
Users and Groups	E CONTRACTOR OF CONTRACTOR	6	GWEJB					
Monitoring and Tuning			GWHTTP	*				
Troubleshooting			GWMDB	*				
Service integration     UDD1			GWWebServices	•				
1 0001								
			SCHDLRAppCOOP1	*				
	E	8	SCHDLRAppCOOP2	*				
	E		SCHDLRAppCOOP3	*				
	E	2	SCHDLRAppCOOP4	*				
	E	-	SCHDLRAppCOOP3	*				
	E	-	SCHDLRAppCOOP6	•				
	P	-	SCHDLRAppCOOP7	*				
				•				
			sustry	•				
				*				
		Total 11	1					

MDB EAR deployment is successfully finished.



# 1.2.7 FCUBS HTTP Application Deployment

To deploy Oracle FLEXCUBE UBS application on WebSphere application server, follow the steps given below:

1. Open the Administrative Console of WebSphere server:

Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.

Eg: https://10.10.10.10:1010/console

In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

The following screen is displayed:

WebSphere Integrated Solution ×	+					× -		x
https://ofss220137.in.oracle.com	9043/ibm/console/logon.jsp	∀ C Q Search	☆自	↓ ♠	🔺 💩 🕶	* -	0	Ξ
	WebSphere. software							
		WebSphere Integra Solutions Console User ID: Password: Log in	ated					
	Rights Reserved. registered trader many jurisdiction trademarks of 18	Is - Property of IBM (c) Copyright IBM Cc, IBM, the IBM logo, ibm.com and WebS marks of International Business Machine s worldwide. Other product and service n Wor other companies. A current list of I Web at <u>Copyright and trademark inform</u>	phere are trademark s Corp., registered ir ames might be BM trademarks is	s or				
× Sync encountered an error while sy	yncing: Failed to connect to the server. Sync	will automatically retry this action.	erences					

- 2. Enter the user name and password and click 'Log In' to log in to the application server.
- 3. Navigate to the WebSphere Home Page.

The following screen is displayed.



WebSphere Integrated Solu × Oracle Financial Services14 :	Oracle Financial Services14 × +		
(		C Q Search	☆ 自 ♣ 余 ♥ ☰
WebSphere. software		Welco	me websphere Help   Logout IBM.
View: All tasks 👻	Welcome		
Welcome	Welcome	2 - 0	About this Integrated Solutions Console
Guided Activities			Integrated Solutions Console, 9.0.0.0
⊟ Servers	Integrated Solutions Console provides a common administrative console for multiple products. The table administered through this installation. Select a product suite to view more information.	e lists the product suites that can be	Build Number: gm1621.04 Build Date: 5/26/16
Gerver Types			
WebSphere application servers	Suite Name	Version	LICENSED MATERIALS PROPERTY OF IBM 5724-J08, 5724-I63, 5724-H88,5724-H89,
WebSphere MQ servers Web servers	WebSphere Application Server	9.0.0.0	5655-W65 (C) Copyright International
Applications			Business Machines Corp. 1996, 2012 *
New Application			
Application Types			
Global deployment settings			
Services			
Service providers			
Service clients			
Policy sets     Trust service			
Security cache			
Reliable messaging state			
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Schedulers			
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B JDBC			
JDBC providers			
Data sources			
Data sources (V4 - deprecated)     Resource Adapters			
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⊞ URL			
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⊕ Users and Groups			
Monitoring and Tuning			
⊕ Troubleshooting			
Service integration			
± UDDI			
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4. Expand Applications from left-side menu and Click 'New Application'.

The following screen is displayed.

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Guided Activities     Servers	New Application This page provides links to create new applications of different	t types.		
Applications	Install a New Application			
<ul> <li>New Application</li> <li>Application Types</li> <li>Global deployment settings</li> </ul>	New Enterprise Application			
	New Business Level Application			
	New Asset			
<ul> <li>. System administration</li> <li>. Users and Groups</li> </ul>				
<ul> <li>Monitoring and Tuning</li> <li>              Troubleshooting      </li> </ul>				
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5. Click 'New Enterprise Application.

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<ul> <li>New Application</li> <li>Application Types</li> <li>Global deployment settings</li> </ul>	Local file system     Full path		1						Pag	or is disp e help	
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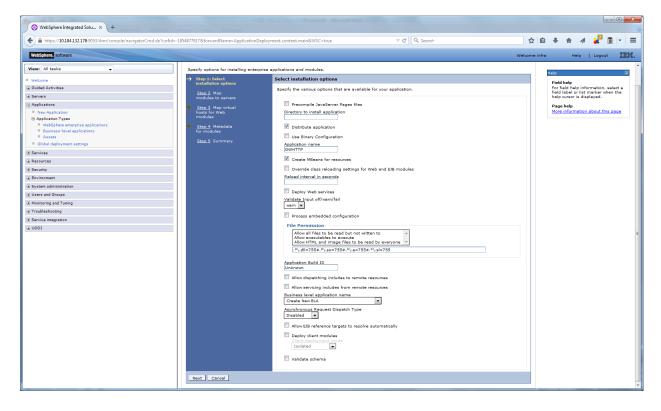
6. Browse the application EAR file and click next button

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7. Click next and the following screen is displayed.

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9. Click next and the following screen is displayed.

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Applications	installation options	Specify the virtual host for the Web modules that are contained in y	our application. You can install Web modules on the		Page help	s displayed.	
New Application     Application Types	Stop 2 Map modules to servers	same virtual host or disperse them among several hosts.	our application not can hatan mee modeles on the		More inform	ation about t	his page
<ul> <li>WebSphere enterprise applications</li> <li>Business-level applications</li> <li>Assets</li> </ul>	→ Step 3: Map virtual hosts for Web modules	6 0					
Global deployment settings	Step 4 Metadata for modules	Select Web module	Virtual host				
Services  Resources	Step 5 Summary	HTTP Serviet Gateway	default_host 💌				
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11. Click next and the following screen is displayed.

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Welcome	Install New Application			17	Help
E Guided Activities	Specify options for installing enter	rprise applications and modules.			Field help For field help information, select a
E Servers	Step 1 Select	Metadata for modules			field label or list marker when the help cursor is displayed.
Applications New Application Application Types WebSphere enterprise applications	installation options <u>Step.2</u> Map modules to servers <u>Step.3</u> Map virtual	metadata-complete attribute deployment descriptor mete	ribute defines whether the deployment descriptor e to "true" to merge and persist annotation-base tdata to avoid scanning of annotation-based met en the annotation-based metadata is scanned e	ed metadata with existing XML-based tadata each time the module is read. If the	Page help More information about this page
<ul> <li>websphere enterprise applications</li> <li>Business-level applications</li> <li>Assets</li> </ul>	hosts for Web modules	C C			
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± Resources	<u>Step 5</u> Summary	GWMsgProcEJB.jar	GWMsgProcEJB.jar, META-INF/ejb-jar.xml	2	
E Security					
E Environment		HTTP Serviet Gateway	GWHTTP.war,WEB-INF/web.xml		
E System administration					
H Users and Groups H Monitoring and Tuning	Previous Next Cancel				
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Business level application name Business level application name Asynchronous Request Dispath Type Disabled Asynchronous Executoration No Deploy clent modules Consultation No Client deployment mode Isolated Validate schema No Cell/Itode/Server Click-here	Business level application name     Business level application name       Allow DB reference targets to resolve automatically     No       Allow DB reference targets to resolve automatically     No       Client deployment mode     Eolated       Validate schema     No       Cell/Inde/Server     Click.hame	± Service integration				_			
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Allow EB reference targets to resolve automatically     No       Deploy clerk modules     No       Clerk deployment mode     Izolated       Validate schema     No       Cell/tode/Server     Click heree	Allow EIB reference targets to resolve automatically No Deploy client modules No Client deployment mode Isolated Validate schema No Cell/tode/Server Click.here					_			
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Cell/Node/Server Click here	Cell/Node/Server Click here					_			
Previous Finish Cancel	Previous Finish Cancel			Cell/Node/Jerver	CHCK HERE				
			Previous Finish Cancel						



13. Click on finish and the following screen is displayed.

WebSphere Integrated Solu × +     A https://10.184.132.178.9053/ibm/console/navigato	rrCmd.do7csrfid=-1854877917&frorwardName=ApplicationDeployment.content.main&WSC=true	▼ C Q Search	☆ 自 ♣ ☆ ∢ ど 🗎 🔹
WebSphere, software			Welcome infra Help   Logout IE
View: All tasks	[f]		
	Installing		
Welcome	If there are enterprise beans in the application, the EJB deployment process can take se	veral minutes. Do not save the configuration until the proces	ss completes.
Guided Activities	Check the SystemOut.log on the deployment manager or server where the application is deployed for	specific information about the EJB deployment process as it occurs.	L
Servers	ADMA5016I: Installation of GWHTTP started.		
Applications	ADMA5067I: Resource validation for application GWHTTP completed successfully.		
New Application     Application Types	ADMA5058: Application and module versions are validated with versions of deployment targets.		
WebSphere enterprise applications			
Business-level applications	ADMA5005I: The application GWHTTP is configured in the WebSphere Application Server repository.		
<ul> <li>Assets</li> <li>Global deployment settings</li> </ul>	ADMA5005I: The application GWHTTP is configured in the WebSphere Application Server repository.		
Services	ADMA50811: The bootstrap address for client module is configured in the WebSphere Application Ser	ver repository.	
t) Services	ADMA5053I: The library references for the installed optional package are created.		
H Security	ADMA5005I: The application GWHTTP is configured in the WebSphere Application Server repository.		
- ,	ADMA50011: The application binaries are saved in /scratch/app/was8555/IBM/WebSphere/AppServer	r/profiles/FC122COOP/wstemp/100348368/workspace/cells/ofss220/	075Node11Cell/applications/GWHTTP ear/GWHTTP ear
Environment	ADMA5005I: The application GWHTTP is configured in the WebSphere Application Server repository.		
± System administration			
t Users and Groups	SECJ0400t Successfully updated the application GWHTTP with the appContextIDForSecurity informat	ion.	
Monitoring and Tuning	ADMA5005I: The application GWHTTP is configured in the WebSphere Application Server repository.		
Troubleshooting	ADMA5005I: The application GWHTTP is configured in the WebSphere Application Server repository.		
± Service integration	ADMA5113I: Activation plan created successfully.		
IDDI E	ADMA50111: The cleanup of the temp directory for application GWHTTP is complete.		
	ADMA5013I: Application GWHTTP installed successfully.		
	Application GWHTTP installed successfully.		
	To start the application, first save changes to the master configuration.		
	Changes have been made to your local configuration. You can:		
	<ul> <li><u>Save</u> directly to the master configuration.</li> </ul>		
	Review changes before saving or discarding.		
	To work with installed applications, click the "Manage Applications" link.		
	Manage Applications		
	NUMBER - SECONDENSION		

		&forwardName=ApplicationDeployment.content.main&WSC=true	∀ C <sup>e</sup> Q, Search	м 🖽	4 A 🤞 🎦 🗖 🖛
WebSphere. software				Welcome infra	Help   Logout IBF
View: All tasks		20075Node11Cell, Profile=FC122COOP			Close pa
Welcome 8 Guided Activities 8 Servers	Enter Use th	: Applications irise Applications is page to manage installed applications. A single application can l ferences	be deployed onto multiple servers.	= 1	Help Field help For field help information, select a field label or list marker when the help cursor is displayed.
Applications	Sta	rt Stop Install Uninstall Update Rollout Update	Remove File Export DDL Export File		Page help More information about this page
Application Types	D	C # 9			Command Assistance
WebSphere enterprise applications		Name 0	Application Status 🖏		View administrative scripting command for last action
<ul> <li>Business-level applications</li> <li>Assets</li> </ul>		an administer the following resources:	Application Status Q		command for last action
Global deployment settings		DefaultApplication	\$		
Services		FCUBSApp	•		
Resources					
Security		GWEJB	•		
Environment		GWHTTP	*		
System administration		GWMDB	•		
Users and Groups		GWWebServices	•		
Monitoring and Tuning		SCHDLRAppCOOP1	•		
Troubleshooting			-		
Service integration		SCHDLRAppCOOP2	•		
UDDI		SCHDLRAppCOOP3			
		SCHDLRAppCOOP4			
		SCHDLRAppCOOP5	\$		
		SCHDLRAppCOOP6	•		
		SCHDLRAppCOOP7	•		
		ivtApp	•		
		query	•		
		15			



15. Select the installed application and click on start.

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Collection       Collection <th>-</th> <th>id=-1854877917&amp;forwardName=ApplicationDeployment.content.main&amp;WSC=true 🖤 🥙 🛛 🔍 Search</th> <th>☆ 自 🖡 金 🛷 🦉 🖺 💌</th>	-	id=-1854877917&forwardName=ApplicationDeployment.content.main&WSC=true 🖤 🥙 🛛 🔍 Search	☆ 自 🖡 金 🛷 🦉 🖺 💌
Year: A mark               Produce Adjuication               Produce Adjuication             Produce Adjuication             Produce Adjuication             Produce Adjuication             Produce A	WebSphere. software		
Image: Schulkspeccopp         Image: Schulkspeccopp	text: All tasks  Valcons Guidé Activitus Servers Application Appli	Enterprise Applications         Image: Imag	Field help         Field help           For field help information, select a field help information, select a field help information, select a field help cursor is displayed.         Page help           Page help         Most information about this asses         Command Assistance           Versu administrative screding commands         Command Assistance         Versu administrative screding commands

GWHTTP application has been deployed successfully.

#### 1.2.8 FCUBS GWWebServices Application Deployment

To deploy Oracle FLEXCUBE UBS application on WebSphere application server, follow the steps given below:

1. Open the Administrative Console of WebSphere server:

Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.

Eg: https://10.10.10.10:1010/console

In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.



The following screen is displayed:

WebSphere Integrated Solution ×	+				C. Destination	∞ _	
https://ofss220137.in.oracle.com	9043/ibm/console/logon.jsp	∀ C Search	☆自	↓ ♠	A 🐠 -	* -	
	WebSphere. software						
		WebSphere Integrate Solutions Console	ed				
	Rights Reserved. registered tradem many jurisdictions trademarks of IB	Is - Property of IBM (c) Copyright IBM Corp. IBM, the IBM logo, ibm.com and WebSphen narks of International Business Machines C s worldwide. Other product and service nam M or other companies. A current list of IBM Web at <u>Copyright and trademark informatic</u>	re are trademar orp., registered i es might be trademarks is	cs or n			
× Sync encountered an error while sy	yncing: Failed to connect to the server. Sync	will automatically retry this action.	ices				

- 2. Enter the user name and password and click 'Log In' to log in to the application server.
- 3. Navigate to the WebSphere Home Page.

The following screen is displayed.

🚯 WebSphere Integrated Solu 🗙	Oracle Financial Services14 >	Oracle Financial Services14 × +						0	×
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WebSphere. software			Welcom	ne websphere	Hel	ip	Logout	IB	vī.
View: All tasks	•	Welcome							
Welcome		Welcome	? - 0	About this Int	agrated Solut	tions C	onsole		- 0
Guided Activities				Integrate	Solutions C	onsole.	9.0.0.0		
Servers		Integrated Solutions Console provides a common administrative console for multiple products. The table lists the product suites that can be administered through this installation. Select a product suite to view more information.		Build Num	ber: gm1621				
Server Types					: 5/26/16			Ξ	
WebSphere application servers		Suite Name Version			MATERIALS R			м	
WebSphere MQ servers					5724-163, 5 (C) Copyrig			89,	
Web servers		WebSphere Application Server 9.0.0.0		Business	Machines Cor	rp. 199	5, 2012	-	
<ul> <li>Applications</li> </ul>									
New Application									
Application Types									
Global deployment settings									
<ul> <li>Services</li> </ul>									
Service providers									
<ul> <li>Service clients</li> <li>Policy sets</li> </ul>									
Trust service									
Security cache									
Reliable messaging state									
- Resources									
Schedulers									
Object pool managers									
Java EE default resources									
€ JMS									
JDBC JDBC providers									
<ul> <li>Data sources</li> </ul>									
Data sources (V4 - deprecated)									
Resource Adapters									
Concurrency									
Cache instances									
⊞ Mail									
URL     Resource Environment									
Security									
Environment									
System administration									
Users and Groups									
Monitoring and Tuning									
Troubleshooting									
Service integration									
* UDDI									
0001									
add ^ ¥ H	Highlight All Match Case 1 of	match							×



4. Expand Applications from left-side menu and Click 'New Application'.

The following screen is displayed.

() WebSphere Integrated Solu × +				
A https://10.184.133.191:9043/ibm/cons	ole/login.do?action=secure  v C C C Search	☆ 自 ♣ 俞	🛷 🐠 🔻 🥐 🔻	
WebSphere. software		Welcome saravanan		IBM.
View: All tasks	Cell=ofss220239Node01Cell, Profile=FPCFL			Close page
Welcome	New Application			
Guided Activities	This page provides links to create new applications of different t	vnes.		
Servers	Install a New Application	·/ · · · ·		
Applications     New Application     Application Types     Global deployment settings	New Enterprise Application			
	New Business Level Application			
<ul> <li>➡ Security</li> <li>➡ Environment</li> <li>➡ System administration</li> </ul>	New Asset			
Monitoring and Tuning				
Service integration				
± UDDI				
۰ III > I				

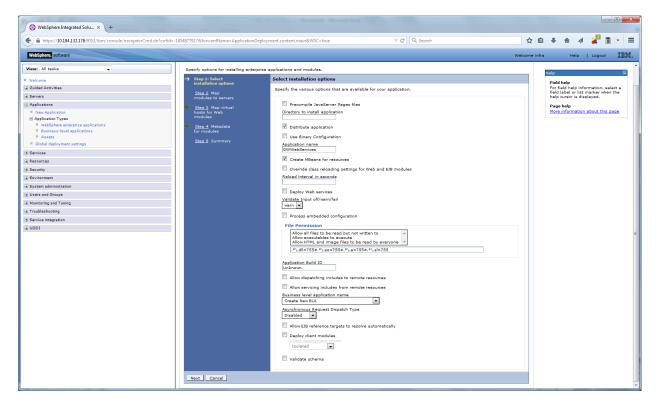
5. Click 'New Enterprise Application.

WebSphere Integrated Solu × +					
← ▲ https://10.184.133.191:9043/ibm/conso	le/login.do?action=secure V C Q Search	☆ 自 ♣ 俞		🐠 👻 🐳	e 🖃 📴 🖃
WebSphere. software		Welcome saravanan		Help   Lo	ogout IBM.
View: All tasks 🗸	Enterprise Applications				Close page
Welcome	Preparing for the application installation		? -	Help	Ξ
Guided Activities	Specify the EAR, WAR, JAR, or SAR module to upload and instal			Field hel	
Servers					help information, field label or list
<ul> <li>Applications</li> </ul>	Path to the new application			marker v	when the help
New Application	Ocal file system			cursor is	displayed.
Application Types     Global deployment settings	Full path			Page he	
	Browse No file selected.			More info this page	ormation about e
Services	Remote file system				
Resources	Full path				
		Browse			
Environment			-		
⊕ System administration	Next Cancel				
Monitoring and Tuning					
Service integration					
1 UDDI					
<					



6. Browse the application EAR file and click next button.

WebSphere Integrated Solu × +			- 0
←	-1854877917&forwardName=ApplicationDeployment.content.main&WSC=true	∀ C Q Search	☆ 自 ♣ 合 ∢ 🧩 🗎 💌
WebSphere, software			Welcome infra Help   Logout IB
Vess: All Lasks  Vess: All Lasks Vess: All Las	Enterprise Applications Propaging for the application installation How do you want to install the application? • Fast Path - Prompt only when additional information is required. • Detailed - Show all installation options and parameters. • Choose to generate default bindings and mappings • revious hext cancel		Vielcome infra Help   Logout 133





8. Click on next and the following screen is displayed.

https://10.184.132.178/9053/ibm/console/navigatorCmd.do7csrfid=-18548779178fc	rwardName=ApplicationDe	ployment.content.main&WSC=true	≠ e	Q Search	÷ ∢ 💒 🛯 •
WebSphere. software				Welcome infra	Help   Logout
View: All tasks	2	FCUBSINServiceWebApp	FCUBSINService.war.WEB- INF/web.cml	WebSphere:cell=ofss220075Node11Cell.node=ofss220075Node11.server=	server1
Welcome	1	FCUBSInteractionServiceWebApp	FCUBSInteractionService.war,WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11,server=	
Guided Activities		FCUBSIVServiceWebApp	FCUBSIVService.war.WEB- INE/web.yml	WebSphere:cell=ofss220075Node11Cell.node=ofss220075Node11.server=	server1 Field help
Servers	7	FCUBSIZServiceWebApp	PCUBSIZService.war,WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11,server=	
Applications  New Application		FCUBSLCMaintServiceWebApp	FCUBSLCMaintService.war.WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell.node=ofss220075Node11.server=	
Application Types WebSphere enterorise applications	( <b>2</b> )	FCUBSLCServiceWebApp	FCUBSLCService.war,WEB-	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11,server=	server1
Business-level applications     Assets		FCUBSLEServiceWebApp	INF/web.xml FCUBSLEService.war,WEB-	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11,server=	server1
Global deployment settings	(V)	FCUBSLIServiceWebApp	INF/web.xml FCUBSLIService.wer.WEB-	WebSphere:cell=ofss220075Node11Cell.node=ofss220075Node11.server=	serverl
Services			INF/web.xml FCUBSLSService.war.WEB-	WebSphere (cell=ofss220075Node 11Cell.node=ofss220075Node 11.server=	serveri
lessurces iecurity	1	FCUBSLSServiceWebApp	INF/web.xml FCUBSMBService.war.WEB-	WebSphere:cell=ofss220075Node11Cell.node=ofss220075Node11.server=	
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ystem administration	1	FCUBSMCServiceWebApp	FCUBSMCService.war,WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11,server=	server1
Jsers and Groups		FCUBSMMServiceWebApp	FCUBSMMService.war,WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11.server=	server1
fonitoring and Tuning	1	FCUBSExtPCServiceWebApp	FCUBSExtPCService.war,WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11,server=	server1
ervice integration	1	FCUBSPCServiceWebApp	FCUBSPCService.war,WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11,server=	server1
100	1	FCUBSSEPAFileServiceWebApp	FCUBSSEPAFileService.wsr.WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11.server=	serverl
		FCUBSSecuritiesServiceWebApp	FCUBSSecuritiesService.war,WEB- INF/web.sml	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11,server=	server1
	2	FCUBSSRServiceWebApp	FCUBSSRService.wer.WEB- INF/web.scml	WebSphere:cell=ofss220075Node11Cell.node=ofss220075Node11.server=	serverl
	100	FCUBSSFServiceWebApp	FCUBSSFService.war,WEB- INF/web.vml	WebSphere:cell=ofss220073Node11Cell,node=ofss220073Node11,server=	server1
		FCUBSSIServiceWebApp	FCUBSSIService.war,WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell.node=ofss220075Node11.server=	server1
	2	FCUBSBstServiceWebApp	FCUBSBatService.war,WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11,server=	server1
		FCUBSSwitchServiceWebApp	FCUBSSwitchService.war,WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell,node=ofss220075Node11,server=	server1
	22	FCUBSSZServiceWebApp	FCUBSSZService.war.WEB- INF/web.xml	WebSphere:cell=ofss220075Node11Cell.node=ofss220075Node11.server=	serverl
	1	FCUBSXPServiceWebApp	FCUBSXPService.war,WEB- INF/web.xml	WebSpherercell=ofss220075Node11Cell,node=ofss220075Node11,server=	serveri
	1	FCUBSMFServiceWebApp	FCUBSMFService.wer.WEB- INF/web.cml	WebSphere:cell=ofss220075Node11Cell.node=ofss220075Node11.server=	server1
		FCUBSRBServiceWebApp	FCUBSRBService.war,WEB-	WebSpherercell=ofss220075Node11Cell,node=ofss220075Node11,server=	serveri
- Desire	s Next Cancel	FCUBSRBServiceWebApp	INF/web.cml		

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WebSphere. software		Welcome infra Help   Logo	ut II
iew: All tasks 🗸	FCUBSIBServiceWebApp	default_host 💌	
Velcame	FCUBSIDServiceWebApp	default_host 💌	
Guided Activities	FCUBSIIServiceWebApp	default_host	, select a
Servers	FCUBSILServiceWebApp	default_host	when the
Applications		default_host	
New Application		More information about t	his page
Application Types WebSphere enterprise applications	FCUBSInteractionServiceWebApp	default_host 💌	
<ul> <li>weosphere enterprise applications</li> <li>Business-level applications</li> </ul>	FCUBSIVServiceWebApp	default_host	
Assets	FCUBSIZServiceWebApp	default_host 💌	
Global deployment settings	FCUBSLCMaintServiceWebApp	default_host 💌	
Services	FCUBSLCServiceWebApp	default host	
Resources			
Security	FCUBSLEServiceWebApp	default_host 💌	
system administration	FCUBSLIServiceWebApp	default_host 💌	
Jaers and Groups	FCUBSLSServiceWebApp	default_host 💌	
Monitoring and Tuning	V FCUBSMBServiceWebApp	default_host •	
Troubleshooting	FCUBSMCServiceWebApp	default host 💌	
Service integration			
UDDI	FCUBSMMServiceWebApp	default_host 💌	
	FCUBSExtPCServiceWebApp	default_host 💌	
	FCUBSPCServiceWebApp	default_host 💌	
	FCUBSSEPAFileServiceWebApp	default_host ¥	
	FCUBSSecuritiesServiceWebApp	default_host v	
	FCUBSSRServiceWebApp	default_host 💌	
	FCUBSSFServiceWebApp	default_host V	
	FCUBSSIServiceWebApp	default_host	
	FCUBSBatServiceWebApp	default_host	
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	FCUBSSZServiceWebApp	default_host 💌	
	FCUBSXPServiceWebApp	default_host v	
	FCUBSMF5erviceWebApp	default_host V	
	FCUBSRBServiceWebApp	default_host	



10. Click on next and the following screen is displayed.

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WebSphere. software			We	elcome infra	н	elp   Logou	ut <u>IB</u>
Tiew: All tasks	FCUBSIAServiceWebApp	FCUBSIAService.war, WEB-INF/web.xml	E				
Welcome	FCUBSIBServiceWebApp	FCUBSIBService.war,WEB-INF/web.xml			Help		
luided Activities	FCUBSIDServiceWebApp	FCUBSIDService.war,WEB-INF/web.xml			Field help For field hel	lp information,	, select a
servers	FCUBSIIServiceWebApp	FCUBSIIService.war,WEB-INF/web.xml	<b></b>		field label o	r list marker w is displayed.	hen the
Applications	FCUBSILServiceWebApp	FCUBSILService.war.WEB-INF/web.xml	-		Page help		
New Application	FCUBSINServiceWebApp	FCUBSINService.war, WEB-INF/web.xml	8		More inform	nation about th	iis page
Application Types WebSphere enterprise applications				(			
Business-level applications	FCUBSInteractionServiceWebApp	FCUBSInteractionService.war,WEB-INF/web.xml					
Assets Global deployment settings	FCUBSIVServiceWebApp	FCUBSIVService.war,WEB-INF/web.xml					
ervices	FCUBSIZServiceWebApp	FCUBSIZService.war,WEB-INF/web.xml					
esources	FCUBSLCMaintServiceWebApp	FCUBSLCMaintService.war,WEB-INF/web.xml					
ecurity	FCUBSLCServiceWebApp	FCUBSLCService.war,WEB-INF/web.xml					
vironment	FCUBSLEServiceWebApp	FCUBSLEService.war,WEB-INF/web.xml					
vstem administration	FCUBSLIServiceWebApp	FCUBSLIService.war, WEB-INF/web.xml	E				
sers and Groups	FCUBSLSServiceWebApp	FCUBSLSService.war,WEB-INF/web.xml					
onitoring and Tuning	FCUBSMBServiceWebApp	FCUBSMBService.war, WEB-INF/web.xml	E				
roubleshooting				(			
ervice integration	FCUBSMCServiceWebApp	FCUBSMCService.war,WEB-INF/web.xml					
DDI	FCUBSMMServiceWebApp	FCUBSMMService.war,WEB-INF/web.xml					
	FCUBSExtPCServiceWebApp	FCUBSExtPCService.war,WEB-INF/web.xml					
	FCUBSPCServiceWebApp	FCUBSPCService.war,WEB-INF/web.xml					
	FCUBSSEPAFileServiceWebApp	FCUBSSEPAFileService.war,WEB-INF/web.xml					
	FCUBSSecuritiesServiceWebApp	FCUBSSecuritiesService.war,WEB-INF/web.xml					
	FCUBSSRServiceWebApp	FCUBSSRService.war,WEB-INF/web.xml					
	FCUBSSFServiceWebApp	FCUBSSFService.war,WEB-INF/web.xml					
	FCUBSSIServiceWebApp	FCUBSSIService.war, WEB-INF/web.xml					
	FCUBSBatServiceWebApp	FCUBSBatService.war.WEB-INF/web.xml					
				(			
	FCUBSSwitchServiceWebApp	FCUBSSwitchService.war,WEB-INF/web.xml					
	FCUBSSZServiceWebApp	FCUBSSZService.war,WEB-INF/web.xml					
	FCUBSXPServiceWebApp	FCUBSXPService.war,WEB-INF/web.xml					
	FCUBSMFServiceWebApp	FCUBSMFService.war,WEB-INF/web.xml					
	FCUBSRBServiceWebApp	FCUBSRBService.war,WEB-INF/web.xml		(11) -			

WebSphere. software			v	Velcome infra	н	lp   Logout	IBA
View: All tasks	Cell=ofss220075Node11Cell, Profile=FC12 Install New Application	22COOP		7 =	Help		Close pag
Guided Activities	Specify options for installing enterpr	rise applications and modules.			Field help For field h	elp information.	select a
± Servers	Step 1 Select	Summary				or list marker w r is displayed.	hen the
Applications	installation options	Summary of installation options			Page help		
New Application	Step 2 Map modules to servers	Options	Values			mation about th	is page
Application Types		Precompile JavaServer Pages files	No			Assistance	
<ul> <li>WebSphere enterprise applications</li> <li>Business-level applications</li> </ul>	Step 3 Map virtual hosts for Web	Directory to install application			View adm	nistrative scription for last action	99
<ul> <li>Business level applications</li> <li>Assets</li> </ul>	modules	Distribute application	Yes		commans	Tor last action	
Global deployment settings	Step 4 Metadata	Use Binary Configuration	No				
± Services	for modules	Application name	GWWebServices				
E Services	→ Step 5: Summary	Create MBeans for resources	Yes				
-		Override class reloading settings for Web and EJB modules	No				
± Security		Reload interval in seconds					
± Environment		Deploy Web services	No				
± System administration		Validate Input off/warn/fail	warn				
<ul> <li>Users and Groups</li> </ul>		Process embedded configuration	No				
± Monitoring and Tuning		File Permission	.*\.dll=755#.*\.so=755#.*\.a=755#.*\.sl=755				
+ Troubleshooting		Application Build ID	Unknown				
E Service integration		Allow dispatching includes to remote resources	No				
T UDDI		Allow servicing includes from remote resources	No				
1 0001		Business level application name					
		Asynchronous Request Dispatch Type	Disabled				
		Allow EJB reference targets to resolve automatically	No				
		Deploy client modules	No				
		Client deployment mode	Isolated				
		Validate schema	No				
		Cell/Node/Server	Click here				
	Previous Finish Cancel						
	Previous Finish Cancel						



12. Click on finish and the following screen displayed.

https://10.184.132.178:9053/ibm/console/navigate	orCmd.do?csrfid=-1854877917&forwardName=ApplicationDeployment.content.main&WSC=true	⊽ C <sup>i</sup> Q, Search	☆ 自 🖡 余 🛷 🧩 🖺 ▾
WebSphere. software			Welcome infra Help   Logout IBI
View: All tasks 🗸	Installing		
Welcome	If there are enterprise beans in the application, the EJB deployment process can take seve	ral minutes. Do not save the configuration until the proc	ess completes.
Guided Activities	Check the SystemOut log on the deployment manager or server where the application is deployed for s	pecific information about the EJB deployment process as it occu	rs.
Servers	ADMA5016I: Installation of GWWebServices started.		
Applications	ADMA5067I: Resource validation for application GWWebServices completed successfully.		
New Application     Application Types	ADMA5058I: Application and module versions are validated with versions of deployment targets.		
WebSphere enterprise applications	ADMA5005I: The application GWWebServices is configured in the WebSphere Application Server repos		
<ul> <li>Business-level applications</li> <li>Assets</li> </ul>			
<ul> <li>Assets</li> <li>Global deployment settings</li> </ul>	ADMA5005I: The application GWWebServices is configured in the WebSphere Application Server report		
± Services	ADMA50811: The bootstrap address for client module is configured in the WebSphere Application Serve	r repository.	
Resources	ADMA5053I: The library references for the installed optional package are created.		
E Security	ADMA5005I: The application GWWebServices is configured in the WebSphere Application Server report	itory.	
Environment	ADMA5001I: The application binaries are saved in /scratch/app/was8555/BM/WebSphere/AppServer/p	rofiles/FC122COOP/wstemp/100348368/workspace/cells/ofss2	20075Node11Cell/applications/GWWebServices.ear/GWWebServices.ear
E System administration	ADMA5005I: The application GWWebServices is configured in the WebSphere Application Server repos	itory.	
Users and Groups	SECJ0400t Successfully updated the application GWWebServices with the appContextIDForSecurity in	formation	
H Monitoring and Tuning	ADMA5005I: The application GWWebServices is configured in the WebSphere Application Server repos		
+ Troubleshooting	ADMA5005I: The application GWWebServices is configured in the WebSphere Application Server repose		
± Service integration		atory.	
+ UDDI	ADMA5113: Activation plan created successfully.		
	ADMA50111: The cleanup of the temp directory for application GWWebServices is complete.		
	ADMA5013I: Application GWWebServices installed successfully.		
	Application GWWebServices installed successfully.		
	To start the application, first save changes to the master configuration.		
	Changes have been made to your local configuration. You can:		
	Save directly to the master configuration.		
	<u>Review</u> changes before saving or discarding.		
	To work with installed applications, click the "Manage Applications" link.		
	Manage Applications		
	manaue Applicatione		

			Welcome infra	Help   Logout IBA
	20075Node11Cell, Profile=FC122COOP			Close pag
Enter; Use th	Help Field help For field help information, select a field label or list marker when the help cursor is displayed.			
Sta	rt Stop Install Uninstall Update Rollout Update F	Remove File Export DDL Export File		Page help More information about this page
D	n # 19			Command Assistance
		Application Status		View administrative scripting command for last action
		Application Status Q		command for last action
		4		
	GWEJB			
	GWHTTP	•		
	GWMDB			
	GWWebServices	*		
		- 		
	SCHDLRAppCOOP3	•		
	SCHDLRAppCOOP4	•		
	SCHDLRAppCOOP5			
	SCHDI 8400COOR6			
	ivtApp	•		
	query	•		
Total	15			
		Preference     Start Stop Install Uninstall Update Rollout Update     Rollout Update	Tetraprise Applications         Citerative Applications         Citerative Applications         Citerative Applications         Citerative Applications         Preferences         State         State <td< td=""><td>Externice Applications         Externice Applications         Externice Applications         Externice Applications         Stati       Bop Install Unintall Update Rollout Update Remove File Export DDL Export DDL Export DDL         Stati       Bop Install         Visitation       Application Status ()         Stati       Bop Install         Visitation       Application Status ()         Stati       Bop Install         Stati&lt;</td></td<>	Externice Applications         Externice Applications         Externice Applications         Externice Applications         Stati       Bop Install Unintall Update Rollout Update Remove File Export DDL Export DDL Export DDL         Stati       Bop Install         Visitation       Application Status ()         Stati       Bop Install         Visitation       Application Status ()         Stati       Bop Install         Stati<



14. Select the installed application and click on start.

WebSphere Integrated Solu × +  Https://10.184.132.178.9053/ibm/console/navigatorCmd.do?csrfii	d=-1854	8779178	forwardName=ApplicationDeployment.content.main&WSC=true	v C Q Search	☆自	+ 1 4 ど 🖬 🕞
WebSphere, software					Welcome infra	Help   Logout IE
View: All tasks			1075Node11Cell, Profile=FC122COOP			Close p
	En	terprise	Applications		? =	Help
Welcome Guided Activities						Field help
) Guided Activities			Messages			For field help information, select a field label or list marker when the
) Servers			B Application GWHTTP on server server1 and node ofss22 refreshed to show the current status.	0075Node11 started successfully. The collection may need to be		help cursor is displayed.
New Application						Page help More information about this page
Application Types			se Applications			Command Assistance
WebSphere enterprise applications			page to manage installed applications. A single application can be deploye	d onto multiple servers.		View administrative scripting command for last action
<ul> <li>Business-level applications</li> <li>Assets</li> </ul>		Prefe				command for last action
<ul> <li>Global deployment settings</li> </ul>		Start	Stop Install Uninstall Update Rollout Update Remove	File Export DDL Export File		
Services			1 🕂 🧐			
Resources			Name 👌	Application Status 🖏		
Security			administer the following resources:	Application states @		
Environment			DefaultApplication			
System administration			FCUBSApp	- &		
Users and Groups				*		
Monitoring and Tuning			GWEJB	•		
Troubleshooting			GWHTTP	•		
Service integration			GWMDB	÷		
UDDI			GWWebServices			
			SCHDLRAppCOOP1	0		
			SCHDLRAppCOOP2	*		
			SCHDLRAppCOOP3	•		
			SCHDLRAppCOOP4	•		
			SCHDLRAppCOOP5	•		
			SCHDLRAppCOOP6	•		
			SCHDLRAppCOOP7	•		
			IVTAPP	•		
				4		
			guery	3		

GWWebServices application has been deployed successfully.





Deploying Oracle FLEXCUBE on WebSphere [May] [2021] Version 14.5.0.0.0

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