

# **Image Services Resource Adapter**

#### **Deployment Guide**

For BEA WebLogic 10.x

Release 3.4 Fixpack 3

April 2009

© Copyright International Business Machines Corporation 1984, 2009. All rights reserved.

US Government Users Restricted Rights – Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

# Contents

#### **About This Manual 5**

Conventions Used in the Document 5 Related References 5 Comments and Suggestions 5

# 1. ISRA Deployment 6

#### **Deployment Requirements 6**

Hardware Requirements 6

Software Requirements 6

#### **Deploying ISRA in a Standalone Environment 6**

ISRA RA Descriptor (WebLogic specific) 7 Configuring Weblogic-Specific Entities 8 Deploying ISRA.rar 9 Deploying Exploded Archive Files 17

Deploying ISRA in a Clustered Environment 29 Mandatory Requirements for ISRA 3.4.0 38

# **2.** ISRA Configuration 40

**Configuring Deployed ISRA 40 Changing ISRA Specific Parameters 40** Configurable ra.xml Properties 40 DomainName 41 **OrganizationName 41** LoggingLevel 41 LoggingMode 42 PageBufferSize 42 CacheRefreshInterval 42 SecurityCacheMode 42 MetaDataCacheRefreshMode 42 LogFileName 43 LogFileSize 43 LdapImplClassName 43 LdapImpIClassString 44 InherentLogin 44 **DeploymentInstance 44** PCHLogging 45

AllowAnonymousUser 45 RPCLogging 45 ClientCodepage 45 GMTEnabled flag 46 ISLocale 47 IgnoreObjectBusyMsgInDocMigration 47 Configuring Multiple IS Servers with ISRA 47

# **3.** Configuring and Deploying ISRA Console and Sample Application 48

#### ISRA Console 48

**Configuring Sample Application 48** 

Deploying the ISRA Console and Sample Application in a Standalone Environment 50

Deploying the ISRA Console and Sample Application in a Clustered Environment 58

Using the ISRA Console 66

Deploying IBM FileNet Image Viewer in a Standalone Environment 68

Deploying IBM FileNet Image Viewer in a Clustered Environment 76

**IBM FileNet Image Viewer Quick Start Feature 85** Enabling Quick Start Feature 85 Known Issues in the Quick Start Feature 86

Testing Sample Application 87

# **4.** LDAP Configuration 88

Mapping Existing LDAP Server Users to IS 88 Changing ISRA Specific Parameters for LDAP 90

# **5.** Configuring Performance Statistics from ISRA 91

Configuring JMS Server 91 Configure a JMS Queue 93 Configure JMS Connection Factory 99 Configuring ISRA Parameters for Performance Statistics 102

# 6. Undeployment 103

**Undeploying ISRA 103** 

Undeploying Sample Application 107 Undeploying IBM FileNet Image Viewer 108

# 7. Troubleshooting 109

**Disabling NCH Broadcasts 109** 

#### Appendix A 110

ra.xml 110

#### Notices 114

Notices 114 COPYRIGHT LICENSE: 115 Trademarks 115

#### Index 117

# **About This Manual**

This manual provides information about configuring Image Services Resource Adapter (ISRA) version 3.4.0 on BEA WebLogic 10.x platform. Refer the separate ISRA Installation Guide for Installing ISRA 3.4.0.

#### **Conventions Used in the Document**

<u>Conventions</u>	Description
Fixed Size font	Used for commands entered at the system command prompt.
Arial font	Used for important notes.
Bold	Occasionally used to refer to portions of user interface, such as the <b>Next</b> button or the <b>Install</b> button.

The table lists the formatting conventions used in this document.

#### **Related References**

For all ImageViewer parameters please refer to the FNImageViewer documentation provided with ISRA installation media.

<ISRA-home>\ISRA340\FNImageViewer\docs

For all P8 System Manager related information, please refer to P8 System Manager Documentation, provided with ISRA installation media.

<ISRA-home>\ISRA340\SystemManager\docs

#### **Comments and Suggestions**

IBM FileNet invites all customers to communicate with the <u>Documentation group</u> on any question or comment related to IBM FileNet manuals and online help. Send email to <u>comments@us.ibm.com</u>. We will make every effort to respond within one week. Your suggestions help us improve the products we deliver.

# **ISRA Deployment**

This chapter describes the deployment of ISRA on BEA WebLogic 10.x platform.

**Note** The installation procedure for BEA WebLogic server 10.x is outside the scope of this document. This guide assumes that the required settings and configurations have already been made.

The ISRA module is a set of Java interfaces/classes that implements J2EE Connector Architecture specified contracts and the EIS specific functionality. ISRA plugs into BEA WebLogic 10.x Application Server in a modular manner.

#### **Deployment Requirements**

This section lists the minimum software and hardware requirements for successful deployment of ISRA on BEA WebLogic 10.x Application Server.

**Caution** Do not copy xml contents straight from the Deployment Guide. All the xml content related to the deployment of ISRA must be created manually or a valid existing file should be used.

#### Hardware Requirements

- For additional information on BEA WebLogic, visit <u>http://e-docs.bea.com/platform/suppconfigs/index.html.</u>
- ISRA installation will require approximately 120MB free disk space.

#### **Software Requirements**

- BEA WebLogic 10.x installed on Sun Solaris 9/10, Red Hat Linux AS 3.0/4.0, HPUX 11i Patch Bundle B.11.11, Microsoft Windows 2003 Server or AIX 5.2 SP2 / 5.3 SP3
- IBM FileNet IS 3.6 SP2 and above

#### **Deploying ISRA in a Standalone Environment**

ISRA is deployed using the WebLogic server administration console. There are two ways of deploying the Resource Adapter on WebLogic 10.x:

- Deploying ISRA.rar file
- Deploying exploded archive files

#### ISRA RA Descriptor (WebLogic specific)

To deploy a resource adapter to WebLogic Server, user must first create and configure WebLogic Server-specific deployment descriptor, **weblogic-ra.xml** file. The steps include:

- 1. Copy isra.rar to ISRATemp. Change directory to ISRATemp and run the command jar -xvf ISRA.rar. This command extracts the **ISRA.rar** file in the current directory.
- 2. Create **weblogic-ra.xml** file using a preferred text editor. The **weblogicra.xml** file should resemble this specimen:

```
<!DOCTYPE Weblogic-connection-factory-dd PUBLIC"-
//BEA Systems, Inc.//DTD WebLogic 8.1.0 Connector//EN"
"http://www.bea.com/servers/wls810/dtd/Weblogic810-ra.dtd">
<weblogic-connection-factory-dd>
<connection-factory-name>ISCF</connection-factory-
  name>
<jndi-name>ISCF</jndi-name>
<pool-params>
<initial-capacity>0</initial-capacity>
<max-capacity>1000</max-capacity>
<capacity-increment>1</capacity-increment>
<shrinking-enabled>true</shrinking-enabled>
<connection-profiling-enabled>false</connection-
  profiling-enabled>
<shrink-frequency-seconds>180000</shrink-frequency-</pre>
  seconds>
<inactive-connection-timeout-seconds>100000</inactive-</pre>
  connection-timeout-seconds>
<highest-num-waiters>2147483647</highest-num-waiters>
<highest-num-unavailable>0</highest-num-unavailable>
<connection-creation-retry-frequency-
  seconds>0</connection-creation-retry-frequency-
  seconds>
<connection-reserve-timeout-seconds>10</connection-
  reserve-timeout-seconds>
<test-frequency-seconds>0</test-frequency-seconds>
<match-connections-supported>true</match-connections-
  supported>
  </pool-params>
 </weblogic-connection-factory-dd>
```

**Note Security-principal-map** element is no longer supported. So, user needs to remove that from weblogic-ra.xml. It is suggested to set the inactive-connection-timeout-seconds value to greater than 0 (zero).

The values corresponding to all attributes can be modified as required and saved as **weblogic-ra.xml** in the META-INF subfolder:

3. Reconstruct the **ISRA.rar** file. Run the command jar -cvf ISRA.rar \* from ISRATemp. This command creates **ISRA.rar** file with **weblogic-ra.xml** bundled into it.

#### **Configuring Weblogic-Specific Entities**

Once the configurable properties are set for ISRA, user can configure parameters specific to the WebLogic Application Server. The configurable properties for a Connector in WebLogic Application Server are:

- Initial Capacity
- Max Capacity
- Capacity Increment
- Shrinking Enabled
- Shrink Frequency Seconds
- Highest Num Unavailable
- Highest Num Waiters
- Connection Reserve Timeout Seconds
- Test Frequency Seconds
- Connection Creation Retry Frequency Seconds
- Test Connections on Create
- Test Connections on Reserve
- Test Connections on Release
- Match Connections Supported

A description of each attribute is given below:

- Initial Capacity: Defines the initial number of Managed Connections, which WebLogic Server attempts to obtain on creating a ConnectionFactory. Default value is 0. It is suggested to keep the default value unless user wants to configure Container managed sign-on on this ConnectionFactory.
- **Max Capacity**: Represents the maximum number of Managed Connections that can be created by the ManagedConnectionFactory. After this number is reached, no new connections are created and the requester waits for the ConnectionTimeout or a ResourceAllocationException thrown by WebLogic. Maximum Connections must be greater than or equal to Minimum Connections.
- **Capacity Increment**: Represents maximum number of additional Managed Connections that WebLogic Server attempts to obtain during resizing of the maintained connection pool.
- Shrinking Enabled: Specifies whether the connection pool should reclaim unused managed connections to control system resources.
- Shrink Frequency Seconds: Specifies the amount of time the connection pool Manager will wait between attempts to reclaim unused managed connections.
- **Highest Num Unavailable**: Specifies the maximum number of connection requests that can concurrently block threads while waiting to reserve a connection from the connection pool.
- **Highest Num Waiters**: Specifies the maximum number of connections in the connection pool that can be made unavailable for use by an application.

- Connection Reserve Timeout Seconds: Specifies the number of seconds after which a call to reserve a connection from the pool will timeout.
- **Test Frequency Seconds**: Specifies the number of seconds between two consecutive WebLogic Server tests for unused database connections. Connections that fail the test are closed and reopened to re-establish a valid physical database connection.
- **Connection Creation Retry Frequency Seconds:** Specifies the number of seconds between two consecutive trials of the connection pool to establish connections to the database.
- **Test Connection on Create:** Specifies whether connections should be tested on creation.
- **Test Connections on Reserve:** Specifies whether connections should be tested on reserve.
- **Test Connections on Release:** Specifies whether connections should be tested on release.
- Match connections Supported: Specifies whether to match connections supported flag of this outbound connection.

#### **Deploying ISRA.rar**

To deploy the **ISRA.rar** file:

- 1. Start the WebLogic Server.
  - On Windows Server, to start WebLogic Administration Server navigate to:

# Start > Programs > BEA Products -> User Projects > <domain\_name> > Start Admin server for Weblogic Server Domain.

Alternatively, the Configuration Wizard scripts can also be used to start the Administration Server. When the Configuration Wizard is used to create a domain, the wizard also creates a script that can be used to start an Administration Server for the domain. To use the script, execute the **startWebLogic.cmd** file located at the following path:

```
<WebLogic Installation Directory>\
user_projects\domains\<domain_name>
```

• On an UNIX system, login as the root user and execute the startWebLogic script, as:

```
# cd <WebLogic Installation Directory>/
user_projects/domains/<domain_name>
```

```
# ./startWebLogic.sh
```

**Note** The screen shots shown in this guide have been taken on WebLogic Application Server 10.0.

2. To open the administrative console, enter the following WebLogic admin console URL in a browser window:

http://<hostname>:<portnumber>/console

Depending on the WebLogic admin server setup, user may be prompted to enter the WebLogic admin user name and password.

e Edit View Favorites Ioois Help	
) Back + 🐑 - 🗷 😰 🏠 🔎 Search 👷 Favorites 🤣 😥 + 🌄 📓 - 🔜 🚦	
fress 🚯 http://zenda2:7001/console/login/LoginForm.jsp;ADMINCONSOLESESSION=GSbQJLKQJX30ptr5d8f85LMknP14m3T1vLTkPbQ18jyFhzWZvMtI1116755483	× 🗗
- WEBLACK EPUER	
CODE WEBLOGIC SERVER	
Log in to work with the WebLogic Server domain	
Username: woblogic	
Password:	
Log In	

3. The WebLogic admin console sign on screen appears. Enter the WebLogic admin **Username** and **Password**. Click **Log In** to access the WebLogic admin console. The following screen appears:

Ele Edit View Favorites Tools Help				A1
🔇 Back + 🐑 · 💌 🖻 🏠 🔎 Se	arch 🐈 Favorites 🕢 🍰 🗉			
Address Attp://zenda2:7001/console/consol	e.portal			🛩 🛃 Go
Chea WEBLOGIC SERVER				^
Change Center	Welcome, weblogic	Connected to: ISRA_domai	n & Home Log Out Prefere	ences Record Help AskBEA
View changes and restarts	Home			
Click the Lock & Edit button to modify,	Domain			
add or delete items in this domain.	Information and Resources			
Lock & Edit	Helpful Tools	General Information		
Release Configuration	> Configure applications	Common Administration Task Descrip	tions	
Domain Structure	Recent Task Status	Set your console preferences		
ISRA_domain		Read the documentation		
Environment     Deployments				
Services	Domain Configurations			
-Security Realms e-Interoperability	Domain	Services	Interoperability	
Diagnostics	e Domain	Messaging	# WTC Servers	
		> JMS Servers	# Jolt Connection Pools	
	Environment	Store-and-Forward Agents		
	# Servers	> JMS Modules	Diagnostics	
	e Clusters	Bridges	e Log Files	
	e Virtual Hosts	= JDBC	Diagnostic Modules	
How do I	Migratable Targets	> Data Sources	Diagnostic Images	
	<ul> <li>Machines</li> </ul>	Multi Data Sources	<ul> <li>Archives</li> </ul>	
Use the Change Center     Record WLST Scripts	Work Managers	Data Source Factories     Persistent Stores	Context	
Done	a Charbon And Chubdown Clanco	<ul> <li>a persistent stores</li> </ul>	- CNIMD	Section 1 Contract

4. Click Deployments. The Summary of Deployments screen appears:

Ele Edit View Favorites Tools Help						
(3 Back • (2) · 💌 🖬 🏠 🔎 Se	arch 🚽 Favortes 🕢 🙈 - 🥾 🛛	x · 🗖 🔒				
Address Attp://zenda2:7001/console/conso						🛩 🛃 G
WEBLOGIC SERVER	alo a Culo con Colora con the d	population of the				
Change Center	Welcome, weblogic	Connecto	ed to: ISRA_domain	& Home Log Out P	references 🖾 Recor	d Help AskBEA
/iew changes and restarts	Home > Summary of Deployment	s				
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Deployments					
Lock & Edit	Control Monitoring					
Release Configuration	This page displays a list of J applications and modules ca name and using the controls	n be started, stopped,				
SRA domain						
Environment     Deployments     Services	To install a new application	or module for deploym	nent to targets in this d	omain, click the Install but	ton.	
Environment     Deployments     Services     Security Realms	₽ Customize this table	or module for deploym	ent to targets in this d	omain, click the Install but	ton.	
Environment     Deployments     Services     Servity Realms     Interoperability	© Customize this table Deployments		ent to targets in this d	omain, click the Install but		
Environment     Deployments     Services     Servity Realms     Interoperability	Customize this table     Deployments     Instal Update Delete	or module for deploym	ent to targets in this d	main, click the Install but	ton. Showing 0 - 0 of 0	Previous   Next
Environment     Deployments     Services     Servity Realms     Interoperability	© Customize this table Deployments		eent to targets in this d	omain, click the Install but		Previous ; Next
Environment     Deployments     Services     Servity Realms     Interoperability	Customize this table     Deployments     Instal Update Delete	Start Stop .		Deployment Order		Previous ; Next
Environment     Deployments     Services     Servity Realms     Interoperability	Customize this table     Deployments     Instal Update Delete	Start Stop .	Туре	Deployment Order		
a Environment Deployments Services - Security Realms a: Interoperability a: Diagnostics	Customize this table     Deployments     Instal Update Delete     Instal Update Delete     Instal Update Delete	State	Туре	Deployment Order	Showing 0 - 0 of 0	
Bendromment     Bendromment     Deployments     Services     Services     Interoperability     Bollagnostics	Customize this table     Deployments     Instal Update Delete     Instal Update Delete     Instal Update Delete	State	Туре	Deployment Order	Showing 0 - 0 of 0	

5. Click **Lock and Edit** button to make the console editable. The following screen appears:

Ele Edit View Favorites Tools Help						1
3 Back - 3 - 3 3 6 2	Search 🚽 Favorites 🔗 🙈 🐁	🛛 - 🗖 🖪				
Address Address Address Address Address						👻 🛃 G
WEBLOGIC SERVER	Nethoran _npo-o dea_poyeedoe-nppe	cpojmene control oge				
Change Center	Welcome, weblogic	Connected	to: ISRA_domain	& Home Log Out Pre	ferences Record	Help AskBEA
View changes and restarts	Home > Summary of Deployment	nts				
No pending changes exist, Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration Domain Structure ISRA, domain & Environment	Control Monitoring	Java EE applications ar can be started, stopped, ls on this page.	, updated (redeployed		ain by first selecting the	
Security Realms	Customize this table Deployments					
e-Services Security Realms e-Interoperability		Start V Stop V			Showing 0 - 0 of 0	Previous   Next
<ul> <li>Services</li> <li>Security Realms</li> <li>Interoperability</li> </ul>	Deployments	State	Туре	Deployment Order	Showing 0 - 0 of 0	Previous   Next
Services     Security Realms     Interoperability	Deployments Instal Update Delete		Type There are no item		Showing 0 - 0 of 0	Previous ; Next
e-Services Security Realms e-Interoperability	Deployments Instal Update Delete	State			Showing 0 - 0 of 0 Showing 0 - 0 of 0	
e: Services  -Security Realms e: Interoperability e: Diagnostics	Deployments Instal Update Delete Name 🚓	State				
is Services -Security Realms is Interoperability is Diagnostics	Deployments  Instal Update Delete  Instal Update Delete  Instal Update Delete	State				

The **Release Configuration** button, along with the buttons under **Deployment** section is enabled.

6. Under **Deployments** click **Install** button. The **Install Application Assistant** screen appears:

BEA WebLogic Server Administratio	n Console - Microsoft Internet Explo	rer		. 6 🔀
Ele Edit Vew Favorites Tools Help				<b>A</b>
🔇 Back + 🐑 · 💌 🗟 🐔 🔎 Se	sarch 👷 Favorites 🚱 🍰 📓	L - 🖵 🚯		
Address http://zenda2:7001/console/consol	/e.portal?_nfpb=true&_pageLabel=AppApplk	ationInstalPage		🛩 🛃 Go
Chear WEBLOGIC SERVER				î
Change Center	Welcome, weblogic	Connected to: ISRA_domain	Home Log Out Preferences Record Help AskB	EA
View changes and restarts	Home > Summary of Deployments			
No pending changes exist. Click the	Install Application Assistan	ıt		
Release Configuration button to allow others to edit the domain.	Back Next Finish Canc	ø		
Lock & Edit Release Configuration Domain Structure ISRA_domain © Environment - Deployments > Services Services	Select the file path that repr descriptor that you want to <b>Note:</b> Only valid file paths a	install.	hive file, exploded archive directory, or application module $\mathfrak{u}$ deployment files, upload your file(s) and/or confirm that your	
I-Security Realms enteroperability B Diagnostics	CA: CC\ CO: Back Next Frish Con	B		
How do I	3			
<sup>e</sup> Start and stop a deployed Enterprise				~
Done			Local intranet	

7. Click the upload your file(s) link. The following screen appears:

	on Console - Microsoft Internet Expl			_ 22
Ele Edit View Favorites Tools Help				4
🔇 Back 🔹 🔘 🐇 📓 🐔 🔎 S	iearch 🤺 Favorites 🚱 🔂 🖉 🍓 🛽	a - 🔜 🕄		
Address http://zenda2:7001/console/cons	ole.portal?AppApplicationInstalPortlet_action	Override=/com/bea/console/actions/app/install/sek	ectUploadApp	🛩 🛃 Go
Chear WEBLOGIC SERVER				
Change Center	Welcome, weblogic	Connected to: ISRA_domain	& Home Log Out Preferences	Record Help AskBEA
View changes and restarts	Home > Summary of Deployments	•		
No pending changes exist. Click the Release Configuration button to allow	Install Application Assista			
others to edit the domain.	Back Next Enish Car	icel		
Lock & Edit Release Configuration	Upload a Deployment t	o the admin server		
Domain Structure				
ISRA domain		elow to select an application or module o k the Next button to upload this deployme		antly browsing. When you
<ul> <li>Environment</li> </ul>				
- Deployments in-Services	Deployment Archive:		Brow	(Se
Bourity Realms     Interoperability     Diagnostics	the deployment archive.	a (this step is optional) A deployment plan A deployment will work without a deploym hive will be a directory of configuration inf ment plans.	ent plan, but you can also upload a dep	ployment plan archive now.
	Deployment Plan Archive:		Brow	/50
	Back Next Finish Can	cel		
How do I	D			
<sup>a</sup> Start and stop a deployed Enterprise				
				Local intranet

- Click Browse to select the ISRA.rar file. The ISRA.rar file is located in jar subdirectory of the ISRA installation directory. For example, if user has installed ISRA in C:\fnsw\ISRA (/fnsw/ISRA on UNIX), the ISRA.rar is located in C:\fnsw\ISRA\jar\ (/fnsw/ISRA/jar on UNIX) directory.
- 9. Click **Next** to upload the **ISRA.rar** file. The system may take some time to upload the file. The following screen appears:

Change Center       Welcome, weblogic       Connected to: ISRA_domain       Connected to: Preferences       Electronic       Help       AskBEA         View changes and restarts       No pending changes exist. Click the Release Configuration button to allow others to edit the domain.       Home > Summary of Deployments       Messages       Messages       Messages       Messages       Image: Context of the domain (Server) upload       Image: Context of the domain (Server) upload (Service) (	Ele Edit View Favorites Tools Help				_ 21
WEBLOGIC SERVER         Weblogic       Connected to: ISRA_domain <ul> <li>Home   Log Out   Preferences   Gil Record   Help   AskBEA  </li> <li>Home &gt; Summary of Deployments</li> </ul> Wew changes and restarts       Home > Summary of Deployments         Measages <ul> <li>Measages</li> <li>The file ISRA.rar has been uploaded successfully to C:\bea\user_projects\domains\ISRA_domain\servers\AdminServer\upload</li> </ul> Demain Structure         Install Application Assistant <ul> <li>Mext   Prefix</li> <li>Mext   Prefix</li> <li>Deployments</li> <li>Services</li> <li>Services</li> <li>Services</li> <li>Services</li> <li>Services</li> <li>Deployments</li> <li>Enteroperability</li> <li>Diagnostics</li> <li>Heett   Prefix</li> <li>Mext   Prefix</li> <li>Install Application chains the required deployment files, upload your file(s) and/or confirm that your application contains the required deployment descriptors.</li> </ul> Services <ul> <li>Mext   Prefix</li> <li>Mext   Prefix</li> <li>Isra displayed below. If you cannot find your deployment files, upload your file(s) and/or confirm that your application contains the required deployment descriptors.</li>                Bility                Bilognostics</ul>	🔇 Back + 🐑 - 🖹 🖻 🟠 🔎 Se	earch 🐈 Favorites 🕢 🍰 🗟	s - 🖵 🕄		
StDB:       Availuity Fax (100 close) Lt         Change Center       Welcome, weblogic       Connected to: ISRA_domain          B. Home       Log Out       Preferences       Edit Record       Help       AskBEA         Wew changes and restarts       Home > Summary of Deployments         Wessages          B. The file ISRA.rar has been uploaded successfully to C:\bea\user_projects\domains\ISRA_domain\servers\AdminServer\upload          Domain Structure       Install Application butth to training          Locate deployment to install and prepare for deployment          StRA_domain          Encity Realms           Locate deployment to install and prepare for deployment          Security Realms           Security Realms           Location: zenda2 \ C: \ bea \ user_projects \ domain \ servers \ AdminServer \ upload          Bolgonostics          Immell is PRA.rar          Immell is Preferences           Locate deployment          Security Realms           Ender deal (: File) Immell           Location: zenda2 \ C: \ bea \ user_projects \ domain \ servers \ AdminServer \ upload           Location: zenda2 \ C: \ bea \ user_projects \ domain \ servers \ AdminServer \ upload          # Interoperability           Ender Immell           Immell           Location: zenda2 \ C: \ bea \ user_projects \ domain \ ISRA_domain \ servers \ AdminServer \ up	Address Address Address Address	e.portal?AppApplicationInstalPortlet_action	Override=/com/bea/console/actions/app/install/up	kadApp	🛩 🛃 Go
View changes and restarts       Home > Summary of Deployments         No pending changes exist. Click the Release Configuration button to allow others to edit the domain.       Messages         Image: Configuration       Image: Configuration button to allow others to edit the domain.       Image: Configuration button to allow others to edit the domain.         Domain Structure ISRA_domain & Environment Decipoyments       Image: Image: Configuration module descriptor that you want to install.         Security Realms       Note: Only valid file paths are displayed below. If you cannot find your deployment files, upload your file(s) and/or confirm that your application to require deployment becompared by the required deployment descriptors.         Note: Only valid file paths are displayed below. If you cannot find your deployment files, upload your file(s) and/or confirm that your application contains the required deployment descriptors.         Note: Only valid file paths are displayed below. If you cannot find your deployment files, upload your file(s) and/or confirm that your application contains the required deployment descriptors.         Location: zenda2 \ C: \ bea \ user_projects \ domains \ ISRA_domain \ servers \ AdminServer \ upload         C       II SRA_rar         Image: Im	WEBLOGIC SERVER				<u>^</u>
More analysis and sharese exist. Click the Release Configuration button to alion to be been updated successfully to C-\bea\user_projects\domains\ISRA_domain\servers\AdminServer\updated         Image: Configuration button to alion to be been updated successfully to C-\bea\user_projects\domains\ISRA_domain\servers\AdminServer\updated         Image: Configuration button to alion to be been updated successfully to C-\bea\user_projects\domains\ISRA_domain\servers\AdminServer\updated         Image: Configuration button to alion to be been updated successfully to C-\bea\user_projects\domains\ISRA_domain\servers\AdminServer\updated         Domain Structure         ISRA_domain to install and prepare for deployment         Services         Services         Services         Services         Services         Barginostics         Hew do L	Change Center	Welcome, weblogic	Connected to: ISRA_domain	Home Log Out Preferences Record Help	AskBEA
Release Configuration balknot to allow others to call the domain.          Image: Configuration balknot to allow others to call the domain.         Image: Configuration balknot to allow others to call the domain.         Image: Configuration balknot to allow others to call the domain.         Image: Configuration balknot to allow others to call the domain.         Image: Configuration balknot to allow others to call the domain.         Image: Configuration balknot to allow others to call the domain.         Image: Configuration balknot to allow others the call the path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install.         Image: Configuration balknot to allow others are displayed below. If you cannot find your deployment files, upload your file(s) and/or confirm that your application contains the required deployment descriptors.         Image: Ima	View changes and restarts	Home > Summary of Deployments	s		
Reses Configuration         Domain Structure         ISRA_domain @ Environment @ Enviro	No pending changes exist. Click the Release Configuration button to allow others to edit the domain.		n uploaded successfully to C:\bea\user_pr	ojects\domains\ISRA_domain\servers\AdminServer\upload	1
ISRA_domain         #: Environment         -Deployments         #:Services         -Security Realms         #: Interoperability         #: Diagnostics	Release Configuration	Back Next Finish Can	col .		
as Environment bolique boliqu	Domain Structure				
Image: Section Sector (Concession)     Image: Section Sector (Concession)       Image: Section Section Sector (Concession)     Image: Section	Environment     Deployments     Services     Security Realms	descriptor that you want to Note: Only valid file paths	o install. are displayed below. If you cannot find yo		
Book Next   Fresh   Cance	Diagnostics	Location: zenda2 \ C: \ bea	\user_projects \ domains \ ISRA_domain	\ servers \ AdminServer \ upload	
			cel		
* Start and stop a deployed Enterprise	How do I 🗉	1			
	Start and stop a deployed Enterprise				~

10. Select the radio button corresponding to **ISRA.rar**, and click **Next**. The following screen appears:

	Console - Microsoft Internet Ex			_ 2 🗠
Ele Edit View Favorites Tools Help				27
🔇 Back 🔹 🐑 · 🖹 😫 🏠 🔎 Sear	rch 🐈 Favorites 🕢 🍰	🗷 - 🔜 🚯		
Address Address http://zenda2:7001/console/console.	portal?AppApplcationInstalPortlet_acti	tionOverride=/com/bea/console/actions/app/install/app5	ielected	🛩 🛃 Go
Chear WEBLOGIC SERVER				<u>^</u>
Change Center	Welcome, weblogic	Connected to: ISRA_domain	🖕 Home 🛛 Log Out 🛛 Preferences 🖉 Record 🛛 H	Help AskBEA
View changes and restarts	Home > Summary of Deployment	ents		
No pending changes exist. Click the	Install Application Assis	stant		
Release Configuration button to allow others to edit the domain.	Back Next Finish C	Cancel		
Lock & Edit Release Configuration Domain Structure ISRA, domain 8: Environment 9: Environments 9: Servirty Realms 8: Interoperability 9: Diagnostics	application. © Install this deploy The application and its O Install this deploy Application libraries ar targets running their re	, clusters, and virtual hosts on which this deplo <b>syment as an application</b> s components will be targeted to the same loc <b>syment as a library</b>	oyment will run. There are several ways you can targ ations. This is the most common usage. Noyments to share. Libraries should be available on a	
low do I 🔟				
Start and stop a deployed Enterprise				~

11. Select the radio button corresponding to **Install this deployment as an application**, if not selected by default, and click **Next.** The following screen appears:

Ele Edit View Favorites Tools Help							
🔇 Back + 🐑 - 💌 🖻 🚮 🔎 Se	sarch 🐈 Favorites 🕢 🍰 🖷	a - 🖵 🕄					
Address Attp://zenda2:7001/console/conso	le.portal?AppApplcationInstalPortlet_action	Override=/com/bea/console/actions/app/install/targ	getStyleSelected				👻 🛃 G
Chea WEBLOGIC SERVER							
Change Center	Welcome, weblogic	Connected to: ISRA_domain	& Home Log	Out Preferences	Record	Help Asl	kBEA
View changes and restarts	Home > Summary of Deployments						
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Install Application Assista Back Next Finish Can						
Lock & Edit Release Configuration	Optional Settings You can modify these setting	ngs or accept the defaults					
Domain Structure	General						
ISRA_domain e-Environment Deployments	What do you want to nam	e this deployment?					
Services     Security Realms	Name:	ISRA					
<ul> <li>Interoperability</li> <li>Diagnostics</li> </ul>	- Source accessibility -						
	How should the source fil	es be made accessible?					
	• Use the defaults de	fined by the deployment's targets					
	Recommended selection.						
	Copy this application	on onto every target for me					
How do I	During deployment, the fi	les will be copied automatically to the ma	naged servers to v	which the application	n is targeted.		
9 Start and stop a deployed Enterprise	I will make the dep	loyment accessible from the followir	ng location				

This screen displays the optional settings of the deployed file.

12. Retain the default settings, and click **Next**. The following screen appears:

Ele Edit View Favorites Tools Help				_ 2 🛛
G Back • () · 🖹 🗟 🏠 🔎 Sea	urch 🚽 Equartes 🕫 🔿 🖉			
		tionOverride=/com/bea/console/actions/app/install/save	Martin -	🛩 🛃 Go
	1			
Change Center	Welcome, weblogic	Connected to: ISRA_domain	& Home Log Out Preferences Record	i Help AskBEA
View changes and restarts	Home > Summary of Deployme			
No pending changes exist. Click the Release Configuration button to allow	Install Application Assis	stant		
others to edit the domain.	Back Next Finish	Cancel		
Lock & Edit	Review your choices	and click Finish		
Release Configuration	Click Finish to complete	the deployment. This may take a few momen	its to complete.	
Domain Structure				
ISRA domain	- Additional configura	ation		
Environment			l configuration. Do you want to review this applic	ation's
Deployments #-Services	configuration after con	npleting this assistant?		
-Security Realms	Yes, take me to t	the deployment's configuration screen.		
<ul> <li>Interoperability</li> <li>Diagnostics</li> </ul>	O No. I will review	the configuration later.		
a biogrosocs				
	— Summary —			
	Deployment:	C:\bea\user_projects\domains\ISRA_do	omain\servers\AdminServer\upload\ISRA.rar	
	Name:	ISRA		
	Staging mode:	Use the defaults defined by the chosen	targets	
How do I 🛅				
	Customize this table			
<sup>a</sup> Start and stop a deployed Enterprise				
<ul> <li>Start and stop a deployed Enterprise application</li> <li>Configure an Enterprise application</li> </ul>	Target Summary			~

13. Retain the default settings, and click **Finish**. The following screen appears:

Ele Edit View Favorites Iools Help			
🔇 Back 🔹 🐑 · 💌 🖻 🏠 🔎 Sear	rch 👷 Favorites 🕢 🍰 🗉	- 🔜 🕄	
Address Address Address Address	porta?_nfpb=true&_pageLabel=Connecto	rApplicationOverviewPage&ConnectorApplicationC	OverviewPortlethandle=com.bea.console.handles.AppDeploymentHandle%28%
Change Center	Welcome, weblogic	Connected to: ISRA_domain	& Home Log Out Preferences Record Help AskBEA
View changes and restarts	Home > Summary of Deployments > I	SRA	
Pending changes exist. They must be activated to take effect.	Settings for ISRA		
Activate Changes	Overview Deployment Plan	Configuration Security Targets Con	ntrol Testing Monitoring Notes
Undo Al Changes	Save		
Domain Structure	This page displays basic	information about this resource adapter	deployment.
ISRA_domain @-Environment -Deployments			
Services	Name:	ISRA	The name of this application deployment. More Info
Security Realms Interoperability Diagnostics	Source Path:	servers\AdminServer\upload\ISRA.rar	The path to the source of the deployable unit on the Administration Server. More Info
	Deployment Plan:	(no plan specified)	The path to the deployment plan document on Administration Server. More Info
	Staging Mode:	(not specified)	The mode that specifies whether an application's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info
How do I   Install an Enterprise application	Security Model:	DDOnly	The security model specifies how this deployment should be secured. More Info
Start and stop a resource adapter	4 Deployment Order:	100	A numerical value that indicates when this unit is deployed, relative to other DeployableUnits on a server, during startup.

14. Click **Save**. The successful upload confirmation screen appears:

File Edit View Favorites Tools Help	🌀 Back 🔹 🐑 - 🖹 🗟 🐔 🍃	🔎 Search 🤺 Favorites 🔣 🙆 🗄	M - 🔜 🕄
Address 🛃 http://zenda2:7001/console/console	e.porta?_nfpb=true&_pageLabel=Connector	ApplicationOverviewPage&ConnectorApplicationC	OverviewPortlethandle=com.bea.console.handles.AppDeploymentHandle%28%
Change Center	Welcome, weblogic	Connected to: ISRA_domain	Nome Log Out Preferences Record Help AskBEA
View changes and restarts	Home > Summary of Deployments > 19	SRA	
Pending changes exist. They must be activated to take effect.	Messages Settings updated successful	ly.	
Activate Changes Undo Al Changes	Settings for ISRA		
Domain Structure		Configuration Security Targets Con nt Plan- Tab	ntrol Testing Monitoring Notes
ISRA_domain #:Environment -Deployments #:Services -Security Realms -Interoperability	Save	information about this resource adapter	deployment.
<ul> <li>Diagnostics</li> </ul>	Name:	ISRA	The name of this application deployment. More Info
	Source Path:	servers\AdminServer\upload\ISRA.rar	The path to the source of the deployable unit on the Administration Server. More Info
	Deployment Plan:	(no plan specified)	The path to the deployment plan document on Administration Server. More Info
How do I	Staging Mode:	(not specified)	The mode that specifies whether an application's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation.
<ul> <li>Install an Enterprise application</li> <li>Start and stop a resource adapter</li> </ul>			More Info
System Status	Security Model:	DDOnly	The security model specifies how this deployment should be secured. More Info

The system returns to the same page with the message: 'Settings updated successfully' displayed.

15. Click Activate Changes button. The following screen appears:

Ele Edit View Favorites Tools Help	🌀 Back 🔹 🐑 - 💌 😰 🐔	🔎 Search 🤺 Favorites 🕢 🍰 🛽	H - 🖵 😫					
Address Attp://zenda2:7001/console/console.	portal?_nfpb=true8_pageLabel=Connec	torApplicationOverviewPage&ConnectorApplicationO	OverviewPortlethandle=com.bea.console.handles.AppDeploymentHandle(%22o	Ð				
Change Center	Welcome, weblogic	Connected to: ISRA_domain	n & Home Log Out Preferences Record Help AskBEA	T				
View changes and restarts	Home > Summary of Deployments >	ISRA		_				
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages All changes have been ac	tivated. No restarts are necessary.						
Lock & Edit Release Configuration	Settings for ISRA							
Domain Structure	Overview Deployment Pl	an Configuration Security Targets Cor	ntrol Testing Monitoring Notes					
ISRA_domain #-Environment	Click the Lock & Edit button in the Change Center to modify the settings on this page.							
Environment     Deployments     Services     Services     Interoperability	This page displays bas	ic information about this resource adapter	deployment.					
Diagnostics	Name:	ISRA	The name of this application deployment. More Info					
	Source Path:	servers\AdminServer\upload\ISRA.rar	r The path to the source of the deployable unit on the Administration Server. More Info					
	Deployment Plan:	(no plan specified)	The path to the deployment plan document on Administration Server. More Info					
How do I	Staging Mode:	(not specified)	The mode that specifies whether an application's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation.					
Install an Enterprise application			More Info					
System Status	Security Model:	DDOnly	The security model specifies how this deployment should be secured. More Info					
Health of Punning Senare	4 Deployment Order:		A numerical value that indicates when this unit is deployed					

An overview of the deployments made is reflected. The **ISRA.rar** file is successfully deployed.

16. Click **Deployments**. The following screen appears:

BEA WebLogic Server Administration	Console - Microsoft Internet Explorer			_
Ele Edit View Favorites Tools Help	🔇 Back 🝷 🔘 🕘 📓 🚺 🔎 Searc	th 🐈 Favorites 🕢 🍰 🍓	x - 🔜 😫	
ddress 🕘 http://zenda2:7001/console/consol	.portal?_nfpb=true&_pageLabel=AppDeploymentsCo	ontrolPage		×
Bea WEBLOGIC SERVER				
hange Center	Welcome, weblogic	Connected to: ISRA_doma	ain & Home Log Out Preferen	ices 🖾 Record Help AskBEA
lew changes and restarts	Home > Summary of Deployments > ISRA > Se	immary of Deployments		
Click the Lock & Edit button to modify, add or delete items in this domain. Lock & Edit Release Configuration SRA_domain & Environment 0 Septoyments 0 Services 5 Security Realms = Interoperability = Ioparoperability	Summary of Deployments Control Monitoring This page displays a list of Java EE ap applications and modules can be start name and using the controls on this pa To install a new application or module  Customize this table Deployments	ed, stopped, updated (redeploy age.	ed), or deleted from the domain by fi	
2 ologi obdob	Instal Update Delete Start -	Stop *	Shov	ving 1 - 1 of 1 Previous Next
	🔽 Name 🔶	g all requests g only administration requests	Stat	e Type Deployment Order
	₽ ØISRA	,	Prepi	ared Resource 100
łow do I	Instal Update Delete Start	Stop   *	Shov	ving 1 - 1 of 1 Previous   Next
Install an Enterprise application Configure an Enterprise application Update (redeploy) an Enterprise				
				Second Se

A summary of deployments is reflected on the screen.

17. Select the check box corresponding to ISRA, and click Servicing all requests from the Start drop-down button. The Start Application Assistant screen appears:

File Edit View Favorites Tools Help	🗿 Back + 🖒 - 🖹 🖉 🔥	🔎 Search 🤺 Favorites 🕢 🖂 🖷 📓		2
			Portiethandie=com.bea.console.handies.JM04andie%28%22com.bea%3ANa	Elo
Change Center	Welcome, weblogic	Connected to: ISRA_domain	& Home Log Out Preferences Record Help AskBEA	1
/iew changes and restarts	Home > Summary of Deployments >	ISRA > Summary of Deployments		
Click the Lock & Edit button to modify,	Start Application Assistant	:		
add or delete items in this domain.	Yes No			
Lock & Edit	Start Deployments			
Release Configuration		wing deployments to be started. Click 'Yes' t	o continue, or 'No' to cancel.	
Oomain Structure				
SRA_domain = Environment	ISRA			
-Deployments				
<ul> <li>Services</li> <li>Security Realms</li> </ul>	Yes No			
- Interoperability				
<ul> <li>Diagnostics</li> </ul>				
low do I				
No help task found				
System Status				
Done			Second Se	_

18. Click **Yes** to start the deployment of the **ISRA.rar** file. The **Summary of Deployment** screen appears:

BEA WebLogic Server Administratio	on Console - Microsoft Internet Explorer	_ 2
Ele Edit View Favorites Tools Help	🔇 Back • 😳 · 🖹 🖻 🏠 🔎 Search 👷 Favorites 🤣 🍰 🖷 - 🔜 🏮	
Address 🛃 http://zenda2:7001/console/conso	ke.porta?_nfpb=true&_pageLabel=AppDepkymentsControlPage	💌 🛃
Chea WEBLOGIC SERVER		
Change Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences	Record Help AskBEA
View changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments	
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages	
Release Configuration	Summary of Deployments	
Domain Structure	Control Monitoring	
ISRA_domain @.Frovingment <b>I-Deployments</b> @.Services I-Security Realms @.Interoperability #.Diagnostics	This page displays a list of Java EE applications and stand-alone application modules that have been installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first to name and using the controls on this page. To install a new application or module for deployment to targets in this domain, click the Install button.	
	₽ Customize this table	
	Deployments	
	Instal Update Delete Start Stop	g 1 - 1 of 1 Previous   Next
	□ Name → State	Type Deployment Order
How do I	a 🛛 🗈 🖉 ISRA Active	Resource 100
<sup>a</sup> Install an Enterprise application <sup>a</sup> Configure an Enterprise application <sup>a</sup> Update (redeploy) an Enterprise	Instal Update Delete Story Showing	1 - 1 of 1 Previous   Next
Done		Net Local intranet
- Come		-3 Local Indanec

The **Status** of the deployed file changes to **Active**. The confirmation message: *'Start requests have been sent to the selected Deployments'* is displayed.

- 19. Deploying ISRA is completed.
- 20. Next step is to complete the Mandatory steps necessary for ISRA. Refer to <u>Mandatory Requirements for ISRA</u> section before restarting the Application Server.

#### **Deploying Exploded Archive Files**

To deploy the **ISRA.rar** file in **exploded** form:

- 1. Create a temporary directory ISRATemp and copy **ISRA.rar** into it. Change the directory to ISRATemp and execute command jar -xvf ISRA.rar
- 2. Create the weblogic-ra.xml file using any text editor.

The values corresponding to all attributes can be modified as required and saved as **weblogic-ra.xml** in the META-INF subfolder:

```
ISRATemp\ISRA.jar
\META-INF\ra.xml
\META-INF\weblogic-ra.xml
```

- 3. Start the WebLogic Server.
  - On Windows Server, to start WebLogic Administration Server, navigate to:

# Start > Programs > BEA Products -> User Projects > <domain\_name> > Start Admin server for Weblogic Server Domain.

Alternatively, the Configuration Wizard scripts can also be used to start the Administration Server. When the Configuration Wizard is used to create a domain, the wizard also creates a script that can be used to start an Administration Server for the domain. To use the script, execute the **startWebLogic.cmd** file located at the following path:

<WebLogic Installation Directory>\
user\_projects\domains\<domain\_name>

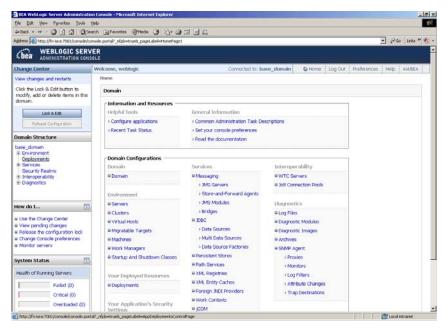
On a UNIX/Linux system, login as the root user and execute the startWebLogic script, as:

```
# cd <WebLogic Installation Directory>/
user_projects/<domain_name>
# ./startWebLogic.sh
```

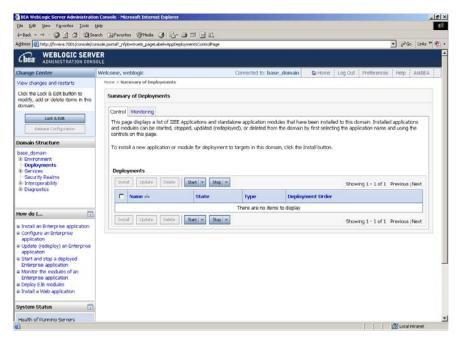
4. To open the administrative console, enter the WebLogic admin console URL http://<hostname>:<portnumber>/console in a browser window.

Depending on the WebLogic admin server setup, user may be prompted to enter the WebLogic admin user name and password.

5. The WebLogic admin console sign on screen appears. Enter the WebLogic admin **Username** and **Password**. Click **Sign In** to access the WebLogic admin console. The following screen appears:



6. Click **Deployments**. The following screen appears:



7. Click **Lock and Edit** button to make the console editable. The following screen appears:

	ion Console - Microsoft Internet Explorer
Ele Edit Yew Favorites Iools	gep ierch Grevetes Stade (1) Co- (1) Co
	torsde portal? genetabel-Hones, répb-hues:OrangeManagerPortet actionOverride=MaleOhangeActionEchangeCenter-OrangeCenterOided 🔹 🖓 ն Links '
	VER
hange Center	Welcome, weblogic Connected to: base_domain & Home Log Out Preferences Help Asi/0EA
view changes and restarts	Home > Summary of Deployments
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of Deployments Control Mentoring
Lock & Edit Release Configuration	This page displays a list of IZEE Applications and standalone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application name and using the controls on this page.
Domain Structure	To install a new application or module for deployment to targets in this domain, click the Install button.
base_domain	Deployments           Total         Update         Stativ         Story         Showing 1 - 1 of 1         Previous   Nost
Interoperability     Diagnostics	T Name % State Type Deployment Order
	There are no items to display
łow do 1	Instal Update Delete Rat = 9xp = Showing 1 - 1 of 1 Previous (Next
a Install an Enhance ine application application Lipidate (indepity) an Enterprise application a Start at top a deployed Enterprise application Monitor the modules of an Enterprise application a beploy EB modules a install a Web application	
System Status	
Done	Local Intranet

The **Release Configuration** button, along with the buttons under **Deployment** section is enabled.

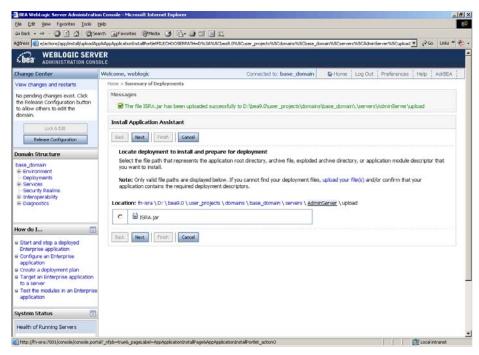
8. Under **Deployments** click **Install** button. The **Install Application Assistant** screen appears:

	n Console - Microsoft Internet Explorer		_10
Ele Edit Yew Favorites Loois t			
	rch 🕞 Favorites 🦃 Media 🎯 🛃 - 🎯 🚍 🔜 👯 role.portal? nfob-trues. pages.abel-AppAppication.instalPage		🔹 Pico Links * 🕷
			- (**** Dhis ** •
Chea WEBLOGIC SERV			
Change Center	Welcome, weblogic	Connected to: base_domain	Preferences Help AskBEA
View changes and restarts	Home > Summary of Deployments		
No pending changes exist. Click the Release Configuration button	Install Application Assistant		
to allow others to edit the domain.	Rack. Next. Fronth Cancel		
Lock & Edit	Locate deployment to install and prepare	for deployment	
Release Configuration	Select the file path that represents the applicat you want to install.	ion root directory, archive file, exploded	archive directory, or application module descriptor that
Domain Structure	Note: Only valid file paths are displayed below application contains the required deployment di		, upload your file(s) and/or confirm that your
base_domain B: Environment —Deployments B: Services B: Services B: Interceptability B: Diagnostics	Location: fn-isra		
How do I	Back Next Finish Cancel		
Start and step a deployed Enterprise application Configure an Enterprise application B Create a deployment plan Target an Enterprise application to a service			
Test the modules in an Enterprise application			
System Status 📅			
Health of Running Servers			
isvascript nextAction("icom/bea/console	terminant from the statistical states at the set		C Local attranet

9. Click the upload your file(s) link. The following screen appears:

File Edit View Favorites Tools	Help
⇔Back - → - 🔕 🚯 🚮 🧿 Se	arch 🔝 Favorites 🛞 Media 🎲 🖏 🖆 - 📑 🛄
Address 🕘 http://localhost:7001/console	(console.portal?AppApplicationInstallPortlet_actionOverride=/com/bea/console/actions/app/install/selectUploadApp 🛛 💽 🔗 Go 🛛 Links 🏻 👰
bea WEBLOGIC SERV	
Change Center	Welcome, weblogic Connected to: base_domain & Home Log Out Preferences Help AskBEA
View changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRA > ISCF > Summary of Deployments
Pending changes exist. They must be activated to take effect.	Install Application Assistant
Activate Changes	Back Next Frish Cancel Upload a Deployment to the admin server
Ondo Air Changes	opidad a Deployment to the administerver
Domain Structure	
Base_domain Environment Deployments Security Realms Interoperability	Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located the file, click the Next button to upload this deployment to the Administration Server.           Deployment         Browse           Archive:         Upload a deployment plan (this step is optional) A deployment plan is a configuration which can supplement
base_domain ⊕ Environment — Deployments ⊕ Services ← Services ⊕ Interoperability ⊕ Diagnostics	currently browsing. When you have located the file, click the Next button to upload this deployment to the Administration Server.
base_domain ⊕ Environment → Deployments ⊕ Services → Security Realms ⊕ Interoperability ⊕ Diagnostics	Currently browsing. When you have located the file, click the Next button to upload this deployment to the Administration Server.  Deployment Archive:  Upload a deployment plan (this step is optional) A deployment vill work without a deployment plan, but you can also upload a deployment plan archive now. This deployment plan archive will be a directory of

- 10. Click **Browse** to select the **ISRA.jar** file.
- 11. Click **Next** to upload the **ISRA.jar** file. The system may take some time to upload the file. The following screen appears:

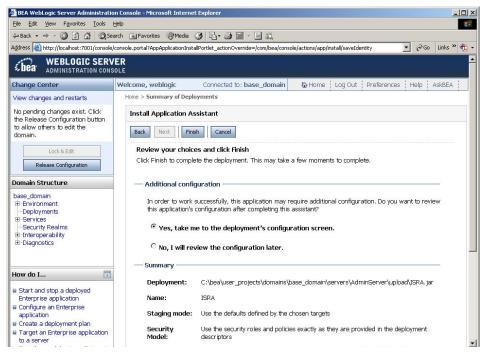


12. Select the radio button corresponding to **ISRA.jar**, and click **Next**. The following screen appears:

4-Back • → • 🗿 🔂 🔕:	Search 🔄 Favorites 🞯 Media 🎯	12·2 C 2 2		
dress in http://invisra:7001/console	console.portal?AppApplicationInstalPortlet	d_actionOverride=/com/bea/console/actions/app/instal/targetStyleSelected		💌 🖓 Go Links ** 🦣 🔹
Change Center	Welcome, weblogic	Connected to: base_domain	A Home Log Out Preferences	Help AskBEA
View changes and restarts	Home > Summary of Deployme	ents		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Install Application Assist Back Next Frish	tant Cancel		
Lock & Edit	Optional Settings			
Release Configuration	You can modify these set	ttings or accept the defaults		
Domain Structure	- General			
base_domain ⊕ Environment → Deployments ⊕ Services → Security Realms	What do you want to Name:	name this deployment?		
<ul> <li>Interoperability</li> <li>Diagnostics</li> </ul>	Source accessibility How should the source	e files be made accessible?		
tow do 1	C Use the default	ts defined by the deployment's targets		
E Start and stop a deployed Enterprise application	Recommended selection	tion.		
Configure an Enterprise application	C Copy this applic	cation onto every target for me		
Create a deployment plan     Target an Enterprise application	During deployment, th	he files will be copied automatically to the managed servers to wh	ich the application is targeted.	
to a server Test the modules in an Enterpris application	C I will make the d	deployment accessible from the following location		
appreador	Location:	D.\bea9.0\user_projects\domains\base_domain\servers	A	
System Status	Provide the location fr	rom where all targets will access this application's files. This is of in this location and that each target can reach the location.	ten a shared directory. You must ensur	re the -
Health of Running Servers Failed (0)	Back Next Finish	Cancel		

This screen displays the optional settings of the deployed file.

13. Retain the default settings, and click Next. The following screen appears:



14. Retain the default settings, and click **Finish**. The following screen appears:

BEA WebLogic Server Administrati		Explorer		
Eile Edit View Favorites Iools				
⇔ Back • → • 🙆 🔂 🖄 🧔 Se				
Address 🥘 http://fn-isra:7001/console/co	onsole.portal?_nfpb=true&_pageLabe	el=LibraryOverviewPage&LibraryOverviewPortlet	handle=com.bea.console 🗾	🔗 Go Links » 📆
<b>WEBLOGIC SERV</b> ADMINISTRATION CONS				
Change Center	Welcome, weblogic Conr	nected to: base_domain 🛛 🙆 Home	Log Out Preferences	Help AskBEA
View changes and restarts	Home > Summary of Deployment	nts > ISRA		
Pending changes exist. They must be activated to take effect.	Settings for ISRA			
Activate Changes Undo All Changes	Overview Targets No Save	otes		
Domain Structure				
base_domain B-Environment —Deployments B-Services	library, such as its nam	and sometimes change, general configura e, path to the source of the application, a ald to change the order that the library is	nd staging mode. Use the	э 👘
Security Realms Interoperability ID-Diagnostics	Name:	ISRA	The name of this J2EE li Info	brary. M <mark>ore</mark>
How do I 💿	Path:	servers\AdminServer\upload\ISRA.jar	The path to the source ( unit on the Administration Info	
Install a J2EE library	Staging Mode:	(not specified)	The mode that specifies application's files are co	
Target a J2EE library to a server	de la della dell			pieu irom a

15. Click **Save**. The successful upload confirmation screen appears:

Eile Edit Yiew Favorites Iools	Help									
↓ Back • → • 🔕 🙆 🐴 🗔 Se	arch 😹 Favorites 🍕	Media 🎯 🖪	- 🎒 🖬							
Address 🕘 http://fn-isra:7001/console/co	onsole.portal?_nfpb=true	k_pageLabel=Coni	nectorApplic	ationOvervie	wPage&Cor	nectorAppl	icationOverview	vPortlethar	die=com.bea.console	e.han 🕶 🔗 Go Lin
<b>WEBLOGIC SERV</b>										
Change Center	Welcome, weblog	с	Conr	nected to:	base_do	main	🟠 Home	Log Out	Preferences	Help AskBEA
View changes and restarts	Home > Summary o	Deployments $>$ I	SRA							
Pending changes exist. They must be activated to take effect. Activate Changes Undo All Changes	Messages	pdated success	fully.							
Domain Structure	Overview	Configuration	Security	Targets	Control	Testing	Monitoring	Notes		
base_domain ⊕ Environment → Deployments ⊕ Services → Security Realms ⊕ Interoperability ⊕ Diagnostics	Save This pa	ge displays bas	ic informat	ion about	this resou	rce adaptx	er deploymer	nt.		
	Nam	e:	ISRA			The nam	e of this app	lication de	eployment. <mark>More</mark> I	nfo
How do I	Sour	ce Path:	C:\test\	ISRA			to the sourc ration Server		leployable unit on <b>fo</b>	the
<ul> <li>Install an Enterprise application</li> <li>Start and stop a resource adapter</li> </ul>	Depl	oyment Plan:	(no plar	n specified)			to the deplo ration Server		an document on fo	
System Status 💽	Stag	ing Mode:	(not spe	cified)		copied fr Managed	om a source	on the Ad iging area	er an application's dministration Serv a during applicatio	ver to the
Failed (0)	Secu	rity Model:	DDOnly				irity model sp ed. More Info		ow this deploymen	nt should

The system returns to the same page with the message: '*Settings updated successfully*' displayed.

16. Click Activate Changes button. The following screen appears:

	jelp						
	arch 🗟 Favorites 🛞 Media 🎯 🖏						
ddress 💩 http://fn-isra:7001/console/co	nsole.portal?_pageLabel=Home&_nfpb=true	&ChangeManagerF	ortlet_actionOv	/erride=/Act	ivateChangesA	ction&changeCer	nter=ChangeCenterC 💌 🔗 Go 🛛 I
bea ADMINISTRATION CONS							
Change Center	Welcome, weblogic	Connected	to: base_do	main	Home	Log Out Pr	eferences Help AskBEA
View changes and restarts	Home > Summary of Deployments > 19	iRA					
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for ISRA						
	Overview Configuration	Security Targ	ets Control	Testing	Monitoring	Notes	
Lock & Edit	Click the Lock & Edit but	ton in the Chan	e Center to	modify the	settings on t	hie name	
Release Configuration	This page displays basi				-		
Domain Structure	This page displays basi	. Information ab	Juc uns resou	ince adapo	a deploymen	16	
base_domain							
Environment Deployments	Name:	ISRA TI		The name of this application deployment. More Info			ment. More Info
B Services Security Realms B Interoperability	Source Path:	C:\test\ISRA				e of the deploy . More Info	vable unit on the
B-Diagnostics	Deployment Plan:	(no plan speci	ìed)			yment plan do • More Info	zument on
How do I 💿	Staging Mode:	(not specified)		The mod	e that specif	ies whether an	application's files are
<ul> <li>Install an Enterprise application</li> <li>Start and stop a resource adapter</li> </ul>		(		copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info			
1256823	Security Model:	DDOnly			rity model sp ed. More Info		is deployment should
System Status 🔄 💽		100			ical value tha		

An overview of the deployments made is reflected. The **ISRA.jar** file is successfully deployed.

17. Create a new directory META-INF in the **<WebLogic Installation Directory >\user\_projects\domains\<domain-name> \servers\<server-name>\ upload** directory and copy **ra.xml** and **weblogic-ra.xml** into it. On Windows Server, enter the command:

copy C:\ISRATemp\META-INF <WebLogic
Installation Directory>\user\_projects\<domainname>\<server-name>\upload\META-INF

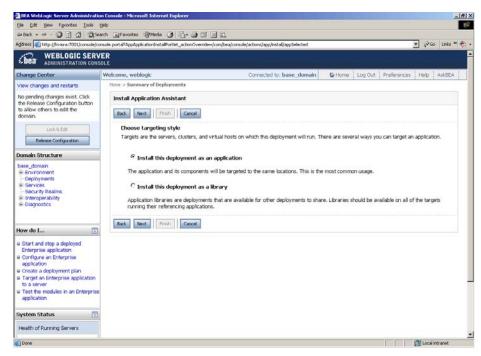
On a UNIX machine, enter the command:

cp / ISRATemp /META-INF <WebLogic Installation Directory>/user\_projects/<domain-name>/<servername>/upload/META-INF

- 18. Click **Deployments** and then **Install** button.
- 19. Navigate to AdminServer /upload directory ( Deployments -> Install). The following screen appears:

J=Back • ⇒ • 🗇 🕄 🖄 🔞 S		
	earch 🗃 Favorites 🖓 Media 🎯 🔂 - 🎯 🗐 📄	
	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	vtietFILECHOOSERPATH=1D:1bea9.01user_projects)domains/base_domainIpervers1AdminServer1 🗾 🕫 Go 🛛 Links 🦉 🤯
Chea WEBLOGIC SER		
hange Center	Welcome, weblogic	Connected to: base_domain
/iew changes and restarts	Home > Summary of Deployments	
Vo pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Messages The file ISRA jar has been uploaded succe	ssfully to D:\beat.oluser_projects\domains\base_domain\\servers\vdminGerver\uplcad
Lock & Edt	Install Application Assistant	
Release Configuration	Back Next Fridh Cancel	
Iomain Structure	Locate deployment to install and prepa	re for deployment
	you want to install.	
Deployments Services Security Realms Interoperability	Note: Only valid file paths are displayed bell application contains the required deployment	w. If you cannot find your deployment files, upload your file(s) and/or confirm that your descriptors.
- Deployments 8: Sornices - Security Realms 9: Interoperability 8: Otagnostics	Note: Only valid file paths are displayed bei application contains the required deployment Location: theira \D: \bea0.0 \user_projects	descriptors.
Deployments     Services     Security Realms     Interoperability     Oragnostics	Note: Only valid file paths are displayed bei application contains the required deployment Location: theira \D: \bea0.0 \user_projects	descriptors.
Depipments     Structos     Scruty Realms     Scruty Realms     Interoperability     il Diagnotics      two do I     Enterprise application	Note: Only valid file paths are displayed bel application contains the required displayment Location: th irra \D: \bas0.0 \user_projects data bgs tmp	descriptors.
Historius     Sorvices     Security Realms     Historgerability     Holagnostics	Note: Only valid file paths are displayed bet application contains the required displayment Location: finiara \D: \bea0.0 \user_projects data bgs c @ dgpbad feet freith Content feet freith Content	descriptors.
Deployments     Services     Services	Note: Only valid file paths are displayed bel application contains the required deployment Location: fir-tira \0: \ba90.\user_projects data bgs trip c @ upbod field filest [Prein] Concel	descriptors.

20. Select the radio button corresponding to **upload**, and click **Next**. The following screen appears:



21. Select the radio button corresponding to **Install this deployment as an application**, if not selected by default, and click **Next.** The following screen appears:

🗃 BEA Webl ogic Server Administratic	on Console - Microsoft Internet Explorer			X
Ele Edit Yew Favorites Loois				2R
4+Back • ⇒ • 🔘 🖸 🖾 🔘 5+	arch 🔄 Favorites @Meda 🎯 🔂•	a a i ii		
Address http://fn-isra:7001/console/co	onsole.portal?AppApplicationInstallPortlet_action	Override=/com/bea/console/actions/app/install/targetStyleSelects	ed .	💌 🖓 Go Unks " 🧞 •
Chear WEBLOGIC SERV				
Change Center	Welcome, weblogic	Connected to: base_domain	Contract Home	Dut Preferences Help AskBEA
View changes and restarts	Home > Summary of Deployments			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Install Application Assistant Deck Next Philsh Can	cel		
Lock & Edit Rolease Configuration	Optional Settings You can modify these settings (	or accept the defaults		
Domain Structure	General			
base_domain Environment Deployments E Services	What do you want to name	this deployment?		
-Security Realms B-Interoperability Diagnostics	- Security	ugmonu .		
	What security model do you	want to use with this application?		
How do I	<sup>(C)</sup> Use the security role	s and policies exactly as they are provided in the	deployment descri	ptors
© Start and stop a deployed Enterprise application	C Customize the securi	ty roles used by policies provided in the deploym	ent descriptors late	*
Configure an Enterprise application     Groate a deployment plan	C Use custom roles and	policies other than those in the descriptors		
<ul> <li>Target an Enterprise application to a server</li> </ul>	C Use security realm co	onfiguration (advanced option)		
Test the modules in an Enterprise application				
System Status	How should the source files			
Health of Running Servers		ned by the deployment's targets		
Done	Recommended selection.			Local intranet

This screen displays the optional settings of the deployed file.

22. Retain the default settings, and click Next. The following screen appears:

Ele Edit Yew Pavorkes Tools	Help			
- Back + → - () () () () ()	iearch 📑 Favorites 😨 Media 🎯 🗒	5- 5 C E K		
didress in http://fn-isra:7001/console/	console.portal?AppApplicationInstaliPortlet_a	actionOverride=/com/bea/console/actions/app/ins	tal/saveIdentky	🔹 🖓 Go Links 🏁 🧞
Chea WEBLOGIC SER				
Change Center	Welcome, weblogic	Connected to	: base_domain 🕼 Home Log Out	Preferences Help AskBEA
View changes and restarts	Home > Summary of Deployment	łs		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Install Application Assistan	Cencel		
Lock & Ede	Review your choices an	nd click Finish		
Release Configuration	Click Finish to complete the	e deployment. This may take a few mome	nts to complete.	
omain Structure	Additional configuration	on		
base_domain B Environment Deployments B Services Services - Socurity Realms B Interoperability - Diagnostics	after completing this as: Yes, take me to t		nal configuration. Do you want to review this a n.	plication's configuration
How do I For a deployed Enterprise application	Summary Deployment: Name:	D:\bea9.0\user_projects\domains\} upload	usse_domain\servers\AdminServer/upiload	
Configure an Enterprise application	Staging mode:	Use the defaults defined by the cho	sen targets	
<ul> <li>Croate a deployment plan</li> <li>Target an Enterprise application to a server</li> </ul>	Security Model:	Use the security roles and policies e	exactly as they are provided in the deployment	descriptors
Test the modules in an Enterpris application	Target Summary			
system Status	Modules 🚓		Targets	
Health of Running Servers	upload		AdminServer	

This screen displays the target server on which the Connector module should be deployed.

23. Retain the default settings, and click **Finish**. The following screen appears:

4+ Back • → • ② ③ △ ④ ③se	arch 🔄 Favorites @Media 🧭 🔂- ,				
Agdress 🗃 nOverviewPage&ConnectorAg	oplicationOverviewPortlethandle=com.bea.conso	ole.handles.AppDeploymentHandle%28	%22com.bea%3AName%3D	.pload%2CType%3DAppDeployment%22%29 💽 🔗 Go	Links **
Chea WEBLOGIC SERV					
Change Center	Welcome, weblogic	Connect	ed to: base_domain	We Home Log Out Preferences Help	AskBEA
View changes and restarts	Home > Summary of Deployments > uplo	ad			
Pending changes exist. They must be activated to take effect.	Settings for upload				
Activate Changes	Overview Configuration Si	ecurity Targets Control Test	ang Monitoring Notes		
Undo All Changes	Save				
Domain Structure	This page displays basic in	nformation about this resource a	dapter deployment.		
base_domain + Environment - Deployments + Services	Name:	upload	The name of this applic	ation deployment. M <b>ore Info</b>	
Security Realms E-Interoperability E-Diagnostics	Source Path:	servers\AdminServer\upload	The path to the source of Server, More Info	of the deployable unit on the Administration	
How do I	Deployment Plan:	(no plan specified)	The path to the deployn More Info	nent plan document on Administration Server.	
Install an Enterprise application     Start and stop a resource     adapter	Staging Mode:	(not specified)		whether an application's files are copied from a ation Server to the Managed Server's staging area aration. More Info	a)
System Status 🔲	Security Model:	DDOnly	The security model spec More Info	ifies how this deployment should be secured.	
Health of Running Servers	4 Deployment Order:	100		ndicates when this unit is deployed, relative to	
Failed (0) Critical (0) Overloaded (0)	Save		other DeployableUnits o	n a server, during startup. More Info	
Warn (0) OK (1)					

24. Click Save. The successful upload confirmation screen appears:

Elle Edit Yew Favorites Looks		10	
	arch 🔄 Favorites 🞯 Media 🧭 🔂		
		sole.handles.AppDeploymentHandle%28	1%22com.bea%3AMame%3Dupload%2CType%3DAppDeployment%22%29 💽 🖓 Go Units 😁 1
Chea WEBLOGIC SERV			
Change Center	Welcome, weblogic	Connect	ted to: base_domain
View changes and restarts	Home > Summary of Deployments > up	load	
Pending changes exist. They must be activated to take effect.	Messages	ally.	
Undo All Changes	Settings for upload		
Domain Structure	Overview Configuration	Security Targets Control Test	ting Monitoring Notes
base_domain B Environment - Deployments C Services - Security Realms B Interoperability B Obsproatics	Save This page displays basi	: information about this resource a	dapter deployment.
in diagnostics	Name:	upload	The name of this application deployment. More Info
How do I	Source Path:	servers\AdminServer\upload	The path to the source of the deployable unit on the Administration Server. More Info
Install an Enterprise application     Start and stop a resource     adapter	Deployment Plan:	(no plan specified)	The path to the deployment plan document on Administration Server. More Info
System Status 🛅	Staging Mode:	(not specified)	The mode that specifies whether an application's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info
Health of Running Servers	Security Model:	DDOnly	The security model specifies how this deployment should be secured.
Failed (0)		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	More Info
Critical (0) Overloaded (0)	🦉 Deployment Order:	100	A numerical value that indicates when this unit is deployed, relative to other DeployableUhits on a server, during startup. More Info
Warn (0) OK (1)	Save		

The system returns to the same page with the message: 'Settings updated successfully' displayed.

25. Click Activate Changes button. The following screen appears:

4-8ad • → • 🗿 🗟 🕼 👧 Se	arch 🔄 Favorites @Media 🎯 🔂-	9 G B X			
Address a http://fin-isra:7001/console/co	nsole.portaP_pageLabel=Home&_n/pb=true&/	ChangeManagerPortlet_actionOverride	=/ActivateChangesAction8cha	ingeCenter=ChangeCenterClicked	💌 🖓 Go Links ** 👘
Chea WEBLOGIC SERV					
Change Center	Welcome, weblogic	Connec	ted to: base_domain	W Home Log Out Preferences	Help AskBEA
View changes and restarts	Home > Summary of Deployments > uplo	bad			
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for upload				
Lock & Edk	Overview Configuration S	ecurity Targets Control Tes	ting Monitoring Notes		
Release Configuration	Non-Contraction of the owner owner owner owner owner owner	in in the Change Center to modify		9.	
Domain Structure	This page displays basic	information about this resource a	idapter deployment.		
base domain					
Environment     Deployments	Name:	upload	The name of this applic	ation deployment. More Info	
Services     Security Realms     Interoperability     Diagnostics	Source Path:	servers\AdminServer\upload	The path to the source Server, More Info	of the deployable unit on the Administ	ration
a biagrostics	Deployment Plan:	(no plan specified)	The path to the deployn More Info	nent plan document on Administration	Server.
How do I	Staging Mode:	(not specified)	source on the Administr	whether an application's files are cop ation Server to the Managed Server's	
a Start and stop a resource			during application prepa	aration. More Into	
adapter	Security Model:	DDOnly	The security model spectrum More Info	cifies how this deployment should be s	ecured.
System Status	🐠 Deployment Order:	100		ndicates when this unit is deployed, re n a server, during startup. More Info.	
Failed (0) Critical (0)	Click the Lock & Edit butto	in in the Change Center to modify	y the settings on this page	9.	
Overloaded (0) Warn (0)					
OK (1)					

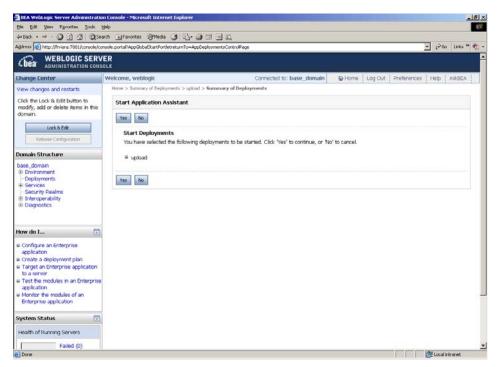
An overview of the deployments made is reflected. ISRA is successfully deployed in exploded format.

26. Click **Deployments**. The following screen appears:

Ele Edit Yew Pavorites Tools			
	arch 🗃 Favorites 🛞 Media 🎯 🗳 - 🎯 🖾 🔄 🚉		
	onsole.portal?_nfpb=true8_pageLabel=AppDeploymentsControlPage		÷ (2°Go Links * €
Chea WEBLOGIC SERV			
Change Center	Welcome, weblogic Connected to: base_domain	A Home Log Out P	references Help AskBEA
View changes and restarts	Home > Summary of Deployments > upload > Summary of Deployments		
Click the Lock & Edit button to modify, add or delete items in this	Summary of Deployments		
domain,	Control Monitoring		
Lock & Edit	This page displays a list of 32EE Applications and standalone application modules that have and modules can be started, stopped, updated (redeployed), or deleted from the domain		
	controls on this page.	-,,,	
Domain Structure	To install a new application or module for deployment to targets in this domain, click the t	Install button.	
base_domain Environment			
Deployments			
<ul> <li>Services</li> <li>Security Realms</li> </ul>	Deployments		
Interoperability	Install Update Delete Start - Stop -	Showing	1 - 1 of 1 Previous   Next
B-Diagnostics	Name      Servicing all requests     Servicing only administration requests	State	Type Deployment Order
How do 1	edupload 역	Prepared	Resource Adapter 100
Install an Enterprise application     Configure an Enterprise     application	Install Update Delete Stop -	Showing	1-1 of 1 Previous   Next
Update (redeploy) an Enterprise application			
Start and stop a deployed Enterprise application			
Monitor the modules of an			
Enterprise application			
a Deploy E38 modules			
Enterprise application # Doploy E18 modules # Install a Web application System Status			

A summary of deployments is reflected on the screen.

27. Select the check box corresponding to **upload**, and click **Servicing all requests** from the **Start** drop-down button. The **Start Application Assistant** screen appears:



28. Click **Yes** to start the deployment of upload file. The Summary of Deployments screen appears:

5le Edit Yew Favorites Iools In Back - mb - (73) (2) (2) (2) (3) (3)	arch @Favorites @Meda 3				
	onsole.portal?_nfpb=true8_paget.abel=AppDeploymentsControlPag	26			▼ ∂Go Links *
WEBLOGIC SERV					
hange Center	Welcome, weblogic	Connected to: base_domain	Home Log Out F	references	Help AskBEA
iew changes and restarts	Home > Summary of Deployments > upload > Summary of	Deployments			
lick the Lock & Edit button to nodify, add or delete items in this omain.	Messages	d Deployments.			
Lock & Edt Release Configuration	Summary of Deployments				
main Structure	Control Monitoring				
ase_domain 8 Environment Deployments 8 Services	This page displays a list of J2EE Applications and and modules can be started, stopped, updated (r controls on this page. To install a new application or module for deploy	redeployed), or deleted from the domain t	by first selecting the applica		
Environment Deployments	and modules can be started, stoppid, updated ( controls on this page. To install a new application or module for deploy Deployments	redeployed), or deleted from the domain t	by first selecting the applicanstall button.	ition name ar	nd using the
Environment Deployments Services Security Realms Interoperability -Diagnostics	and moduler can be started, stoppid, updated ( controls on this page. To install a new application or module for deploy Deployments Install Update Delete Start * St Name &	redeployed), or deleted from the domain t	by first selecting the applicanstall button.	tion name an 1-1of1 F	
Environment Deployments Service Security Realms Interoperability Diagnostics w do L Initial an Enterprise application Configure an Enterprise application	and moduler car be started, stoppid, updated ( controls on this page. To install a new application or module for deploy Deployments [Instal] Ubdate Delete Start # 32	redeployed), or deleted from the domain t	by first selecting the applicanstall button.	1 - 1 of 1 F	Previous (Next
Environment Deployments Services Seaurity Realms Interoperability Diagnostics w do L Install an Enterprise application Configure an Enterprise application Spadia (redeploy) an Enterprise application Start and Stip a diployed	and moduler can be started, stoppid, updated ( controls on this page. To install a new application or module for deploy Deployments To find Ubdate Delete Start C Star	redeployed), or deleted from the domain t	py first selecting the application shall button.  Showing State Active	1-1of1 F Resource Adapter	nd using the Previous (Next Deployment Order
Environment Deployments Services Security Realms Interoperability Obignostics	and moduler can be started, stoppid, updated ( controls on this page. To install a new application or module for deploy Deployments To find Ubdate Delete Start Control ( Name & Start table by Kame	redeployod), oʻr deleted from the domain t ment to targets in this domain, clici: the b too v	py first selecting the application shall button.  Showing State Active	1-1of1 F Resource Adapter	Previous   Next Deployment Order

The **Status** of the deployed file changes to **Active**. The confirmation message: *'Start requests have been sent to the selected Deployments'* is displayed.

#### **Deploying ISRA in a Clustered Environment**

To deploy the **ISRA.rar** file:

Note	The weblogic-ra.xml deployment descriptor elements and
	Connector Descriptor attributes (ra.xml) of the Resource Adapter
	can be manually edited through WebLogic 10.x console.

- 1. Start the WebLogic Server.
  - On Windows Server, to start WebLogic Administration Server, navigate to:

### Start > Programs > BEA Products -> User Projects > <domain\_name> > Start Admin server for Weblogic Server Domain

Alternatively, the Configuration Wizard scripts can also be used to start the Administration Server. When the Configuration Wizard is used to create a domain, the wizard also creates a script that can be used to start an Administration Server for the domain. To use the script, execute the **startWebLogic.cmd** file located at the following path:

<WebLogic Installation Directory>\ user\_projects\domains\<domain\_name>

 On an UNIX system, login as the root user and execute the startWebLogic script, as:

# cd <WebLogic Installation Directory>/
user\_projects/domains/<domain\_name>

# ./startWebLogic.sh

2. To open the administrative console, enter the following WebLogic admin console URL in a browser window: http://<hostname>:<portnumber>/console

Depending on the WebLogic admin server setup, user may be prompted to enter the WebLogic admin user name and password.

) BEA WebLogic Server Administration Console - Microsoft Internet Explorer	- 20
Ele Edit Yew Figworites Iools Help 🛛 🔇 Back - 🜍 - 💌 🖻 🏠 🔎 Search 👷 Favorites 🔗 🔗 - 🌄 🗟 - 🗾 🕄	4
ddress 🕘 http://zenda2:7001/console/login/LoginForm.jsp	👻 🛃 G
CDER WEBLOGIC SERVER	
Log in to work with the WebLogic Server domain	
Username: woblogic	
Password:	
Log In	
Done	Second Experiment

3. The WebLogic admin console sign on screen appears. Enter the WebLogic admin **Username** and **Password**. Click **Log In** to access the WebLogic admin console. The following screen appears:

Ele Edit View Favorites Tools Help	🌀 Back 🔹 🜍 🗉 🛋 🐔 🔎	Search 🐈 Favorites 🕢 🍰 🗄	B - 🖵 🕄	
Address 🛃 http://zenda2:7001/console/conso	e.portal			💌 🔁
Ciea WEBLOGIC SERVER				
Change Center	Welcome, weblogic	Connected to: ISRA_domain	n & Home Log Out Preferences	Record Help AskBEA
/iew changes and restarts	Home			
Click the Lock & Edit button to modify, add or delete items in this domain.	Domain			
Lock & Edt Release Configuration Domain Structure ISRA_domain &= Froirionment	Configure applications     Recent Task Status	ieneral Information Common Administration Task Descript Set your console preferences Read the documentation	lions	
Deployments     Services     Services     Servity Realms     Interoperability     Diagnostics	Domain Configurations Domain = Domain	Services  • Messaging  > IMS Servers	Interoperability # WTC Servers # Jolt Connection Pools	
	Environment = Servers = Clusters = Virtual Hosts	Store and Forward Agents     Store and Forward Agents     JMS Modules     Bridges     uDBC	e Joit Connection Pools Diagnostics e Log Files e Diagnostic Modules	
tow do I Use the Change Center Record WLST Scripts Change Console preferences	e Migratable Targets	Data Sources     Multi Data Sources     Data Source Factories     Persistent Stores	Congristic Freques     Archives     Archives     Context     SNMP	

4. Click **Deployments**. The following screen appears:

BEA WebLogic Server Administratio	n Console - Microsoft Internet Expl	orer			_
Ele Edit Vew Favorites Tools Help	🔇 Back - 🐑 - 🖹 🖻 🐔		tes 🕢 🝰 🕷	- 🖵 🕄	
ddress Attp://zenda2:7001/console/conso	/e.portal?_nfpb=true&_pageLabel=AppDep	loymentsControlPage			× 6
WEBLOGIC SERVER					
hange Center	Welcome, weblogic	Connect	ed to: ISRA_domain	& Home Log Out Pref	erences 🖾 Record Help AskBEA
/lew changes and restarts	Home > Summary of Deployments >	ISRA_domain > Summa	ary of Deployments		
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Deployments				
Lock & Edt	Control Monitoring				
Release Configuration		be started, stopped,			stalled to this domain. Installed by first selecting the application
ISRA_domain & Environment  -Deployments & Services -Security Realms	To install a new application o	or module for deploym	nent to targets in this do	main, click the Install button	
<ul> <li>Interoperability</li> <li>Diagnostics</li> </ul>	Deployments				
	Install Update Delete	Start V Stop V		:	Showing 0 - 0 of 0 Previous   Next
	🗆 Name 🌧	State	Туре	Deployment Order	
			There are no items	to display	
	Instal Update Delete	Sart * Stop *		:	Showing 0 - 0 of 0 Previous   Next
How do I	1				
Install an Enterprise application     Configure an Enterprise application     Update (redeploy) an Enterprise					
a contraction of the second	1				Local intranet

5. Click **Lock and Edit** button to make the console editable. The following screen appears.

Ele Edit View Favorites Tools Help	🌀 Back 🔹 🐑 🗉 📓 🦿	🏠 🔎 Search 👷 Favorib	ප 🚱 🝰 🗟	i - 🔜 😫		
dress 1 http://zenda2:7001/console/conso	ole.portal?_nfpb=true&_pageLabel=AppD	epioymentsControlPage				~
Bea WEBLOGIC SERVER						
nange Center	Welcome, weblogic	Connected t	o: ISRA_domain	& Home Log Out Pre	ferences 🛛 🔤 Record	Help AskBEA
ew changes and restarts	Home > Summary of Deployments	> ISRA_domain > Summar	ry of Deployments			
o pending changes exist. Click the	Summary of Deploymen	ts				
elease Configuration button to allow thers to edit the domain.	Control Monitoring					
Lock & Edit Release Configuration omain Structure SRA_chomain Environment	This page displays a list of applications and modules c name and using the contro To install a new application	an be started, stopped, Is on this page.	updated (redeployed)	), or deleted from the dom	ain by first selecting th	
-Security Realms Interoperability	Customize this table     Deployments					
- Services Security Realms Interoperability		Starl - Stapl -		1	Showing 0 - 0 of 0	Previous   Next
-Services -Security Realms -Interoperability	Deployments	State	Туре	Deployment Order	Showing 0 - 0 of 0	Previous   Next
- Services Security Realms Interoperability	Deployments Instal Update Delete	State	Type There are no item		Showing 0 - 0 of 0 Showing 0 - 0 of 0	
s Services -Security Realms - Interoperability - Diagnostics	Deployments Instal Update Delete Name A Instal Update Delete	State				
as Services - Security Realms as Interoperability a: Diagnostics	Deployments Instal Update Delete Name A Instal Update Delete	State				

The **Release Configuration** button, along with the buttons under **Deployment** section is enabled.

6. Under **Deployments** click **Install** button. The **Install Application Assistant** screen appears:

				1
Ele Edit View Favorites Tools Help	🌍 Back 🔹 💭 🐘 🚨 🄇	🔓 🔎 Search 🤺 Favorites   🚱 🖓	M · 🖵 🕄	4
Address 🕘 http://zenda2:7001/console/conso	le.portal?_nfpb=true&_pageLabel=AppAp	plicationInstalPage		<u>×</u> 🔁
Chea WEBLOGIC SERVER				
hange Center	Welcome, weblogic	Connected to: ISRA_domain	& Home Log Out Preferences Record Help Ask	EA
/iew changes and restarts	Home > Summary of Deployments	> ISRA_domain > Summary of Deployments		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Install Application Assist Back Next Finish C	ant		
Lock & Edit Release Configuration			chive file, exploded archive directory, or application module	
Domain Structure ISRA_domain @ Environment  - Deployments @ Services		s are displayed below. If you cannot find yo equired deployment descriptors.	sur deployment files, upload your file(s) and/or confirm that your	
-Security Realms Interoperability	🗅 A:\			
Diagnostics	C:\			
	🖴 D:\			
	Back Next Finish C	ncel		
How do I				
<sup>a</sup> Start and stop a deployed Enterprise application				
Done			Section 2014	

#### 7. Click the upload your file(s) link. The following screen appears:

BEA WebLogic Server Administration	Console - Microsoft Internet Explo	prer		_ 6 🔀
Ele Edit Vew Favorites Tools Help	🔇 Back 🔹 🐑 - 💌 😫 🐔	🔎 Search 👷 Favorites 🕢 🍰	🗷 - 🖵 🕄	<b>#</b>
Address http://zenda2:7001/console/console.	portal?AppApplicationInstalPortiet_actionC	Override=/com/bea/console/actions/app/install/sel	lectUploadApp	🛩 🛃 Go
WEBLOGIC SERVER				
Change Center	Welcome, weblogic	Connected to: ISRA_domain	& Home Log Out Preferences Record	I Help AskBEA
View changes and restarts	Home > Summary of Deployments >	ISRA_domain > Summary of Deployments		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Configuration button to allow configuration Domain Structure ISRA_domain a Environment beloyments belowments belo	have located the file, click Deployment Archive: Upload a deployment plan the deployment archive. A	elow to select an application or module of the Nava button to uplead this deployment C USRA340GAUSRA340FP3USRA rar (this step is optional) A deployment plan (the begloyment thull work without a deployment new uplies a directory of configuration in nent plans.		criptors included in lan archive now.
<ul> <li>start and stop a deployed Enterprise application</li> </ul>				~
a) Done				S Local intranet

- Click Browse to select the ISRA.rar file. The ISRA.rar file is located in jar subdirectory of the ISRA installation directory. For example, if user has installed ISRA in C:\fnsw\ISRA (/fnsw/ISRA on UNIX), the ISRA.rar is located in C:\fnsw\ISRA\jar\ (/fnsw/ISRA/jar on UNIX) directory.
- 9. Click **Next** to upload the **ISRA.rar** file. The system may take some time to upload the file. The following screen appears:

BEA WebLogic Server Administratio	n Console - Microsoft Internet Explorer	.2
Ele Edit View Favorites Tools Help	🔇 Back 👻 💭 - 💌 🗟 🏠 🔎 Search 👷 Favorites 🤣 😥 + 🌄 🗟 🗉 🕞 🚦	1
Address 🕘 http://zenda2:7001/console/conso	le.portal?AppApplicationInstalPortlet_actionOverride=/com/bea/console/actions/app/instal/uploadApp	- 🔁
Gea WEBLOGIC SERVER		
Change Center	Welcome, weblogic Connected to: ISRA_domain 😰 Home Log Out Preferences 🖾 Record Help AskBt	EA 🕴
/iew changes and restarts	Home > Summary of Deployments > ISRA_domain > Summary of Deployments	
to pending changes exist. Click the	Messages	
Release Configuration button to allow others to edit the domain.	The file ISRA.rar has been uploaded successfully to C:\bea\user_projects\domains\ISRA_domain\servers\AdminServer\upload	
Lock & Edit	Install Application Assistant	
Release Configuration	Back Next Finish Cancel	
omain Structure	Locate deployment to install and prepare for deployment	
SRA_domain	Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install.	
Environment Deployments		
-Services -Security Realms	Note: Only valid file paths are displayed below. If you cannot find your deployment files, upload your file(s) and/or confirm that your application contains the required deployment descriptors.	
Interoperability	Above a state of the state of t	
<ul> <li>Diagnostics</li> </ul>	Location: zenda2 \ C: \ bea \ user_projects \ domains \ ISRA_domain \ servers \ AdminServer \ upload	
	win ENImageViewer.ear	
	C 🙆 ISRA.rar	
	C 🛱 ISRAConsole.ear	
low do I	Back Next Prish Cancel	
Start and stop a deployed Enterprise application		
Done	Section 1 and 1 an	

10. Select the radio button corresponding to **ISRA.rar**, and click **Next**. The following screen appears:

BEA WebLogic Server Administration	Console - Microsoft Internet Explorer	_ 20
Ele Edit Vew Favorites Tools Help	🔇 Back = 💭 - 🗷 🖻 🏠 🔎 Search 📌 Favorites 🤣 🍰 = 🕞 😫	1
Address Addres	portal?AppApplcationInstalPortlet_actionOverride=/com/bea/console/actions/app/instal/appSelected	🛩 🛃 Go
Cibea WEBLOGIC SERVER		1
Change Center	Welcome, weblogic Connected to: ISRA_domain 😰 Home Log Out Preferences 🖾 Record Help Ask	BEA
View changes and restarts	Home > Summary of Deployments > ISRA_domain > Summary of Deployments	
No pending charges exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Reises Configuration Domain Structure ISRA_domain Be Environment Deployments Services Services Services Services Services Services	Install Application Assistant	
How do I  © Start and stop a deployed Enterprise application	Back Rest Cresh Carce	
a) Done	S Local Intran	et

11. Select the radio button corresponding to **Install this deployment as an application**, if not selected by default, and click **Next.** The following screen appears:

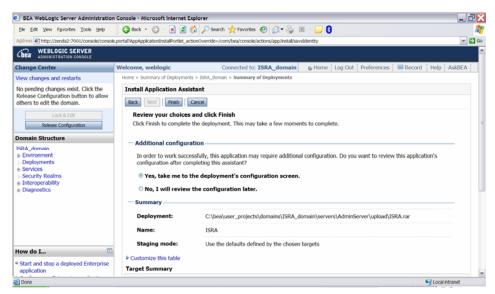
Ele Edit View Favorites Tools Help	🔇 Back 🔹 🐑 - 💌 😰 🐔 🔎	Search 🤺 Favorites 🚱 🍰 📱	z - 🖵 🕄	
Address ) http://zenda2:7001/console/console.				- D C
Chea WEBLOGIC SERVER				
Change Center	Welcome, weblogic	Connected to: ISRA_domain	& Home Log Out Preferences Record Help	AskBEA
View changes and restarts	Home > Summary of Deployments > ISRA	_domain > Summary of Deployments		
No pending changes exist. Click the	Install Application Assistant			
Release Configuration button to allow others to edit the domain.	Back Next Finish Cancel			
Lock & Edit Release Configuration	Select deployment targets Select the servers and/or cluste	ers to which you want to deploy this a	pplication. (You can reconfigure deployment targets later).	
Domain Structure	Available targets for ISRA			
ISRA_domain is-Environment	Servers			
Deployments	AdminServer			
Services     Security Realms     Interoperability	Clusters			
B-Diagnostics	Cluster-0 All servers in the cluster Part of the cluster Server-0 Server-1			
How do I	Back Next Finish Cancel			
Start and stop a deployed Enterprise application				

12. Select the check box corresponding to **Cluster 0**, and click **Next**. The following screen appears:

			-6
Ele Edit View Favorites Tools Help	🔇 Back 🔹 💭 · 💌 📓 🏠 🔑 Search	n 🐈 Favorites 🔣 🍰 🗉 🕛 💈	4
ddress 🛃 http://zenda2:7001/console/conso	.portal?AppApplicationInstalPortlet_actionOverride=/co	om/bea/console/actions/app/install/applicationTargetsSelected	💌 🛃 🤆
Change Center	Welcome, weblogic	Connected to: ISRA_domain 🛛 🖞 Home 🛛 Log Out 🕴 Preferences 🛛 🖾 Record 🗧 Help	AskBEA
/iew changes and restarts	Home > Summary of Deployments > ISRA_domai	n > Summary of Deployments	
No pending changes exist. Click the	Install Application Assistant		
Release Configuration button to allow others to edit the domain.	Back Next Finish Cancel		
Lock & Edit	Optional Settings		
Release Configuration	You can modify these settings or acce	ept the defaults	
Oomain Structure	- General		
SRA_domain - Environment	What do you want to some this deal	24 m m m	
Deployments	What do you want to name this depl	Joymenc?	
<ul> <li>Services</li> <li>Security Realms</li> </ul>	Name: ISRA		
- Security Reality - Interoperability - Diagnostics	- Source accessibility		
	How should the source files be made	e accessible?	
	Ouse the defaults defined by the second s	the deployment's targets	
	Recommended selection.		
	• Copy this application onto ev	very target for me	
low do I	During deployment, the files will be	copied automatically to the managed servers to which the application is targeted.	
Start and stop a deployed Enterprise	○ I will make the deployment a	accessible from the following location	
application Configure an Enterprise application	Location: C:\bea\	user projects\domains\ISRA domain\servers\Admin\$	
Configure an Enterprise application Create a deployment plan	0,000	and Turdens countries on a Countrie source surginity	

This screen displays the optional settings of the deployed file.

13. Retain the default settings, and click Next. The following screen appears:



14. Retain the default settings, and click Finish. The following screen appears:

Ele Edit View Favorites Tools Help	🌀 Back + 🐑 - 🖹 😫 🐔 ,	🔎 Search 🤺 Favorites 🔗 🎯 🍓	H - 🖵 🕄	
Address Ad	/e.portai?_nfpb=true&_pageLabel=Connecto	rApplicationOverviewPage&ConnectorApplication	OverviewPortlethandle=com.bea.console.handles.AppDeploymentHandle%28%	- 2
Chea WEBLOGIC SERVER				
hange Center	Welcome, weblogic	Connected to: ISRA_domain	& Home Log Out Preferences Record Help AskB	EA
/iew changes and restarts	Home > Summary of Deployments > ISRA_domain > Summary of Deployments > ISRA			
Pending changes exist. They must be activated to take effect.	Settings for ISRA			
Activate Changes	Overview Deployment Plan	Configuration Security Targets Co	ntrol Testing Monitoring Notes	
Undo Al Changes	Save			
Oomain Structure	This page displays basic	information about this resource adapter	deployment.	
SRA_domain				
Deployments Services	Name:	ISRA	The name of this application deployment. More Info	
- Security Realms = Interoperability = Diagnostics	Source Path:	servers\AdminServer\upload\ISRA.rai	r The path to the source of the deployable unit on the Administration Server. More Info	
	Deployment Plan:	(no plan specified)	The path to the deployment plan document on Administration Server. More Info	
	Staging Mode:	(not specified)	The mode that specifies whether an application's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info	
tow do I Install an Enterprise application	Security Model:	DDOnly	The security model specifies how this deployment should be secured. More Info	
Start and stop a resource adapter				

15. Click Save. The successful upload confirmation screen appears:

Ele Edit Yew Favorites Tools Help	🔇 Back 🔹 🐑 🗉 📓 🐔	🔎 Search 🤺 Favorites 🚱 🍰 🗄	B - 🖵 🕄
Address 🕘 http://zenda2:7001/console/conso	ale.portal?_nfpb=true&_pageLabel=Connectr	orApplicationOverviewPage&ConnectorApplicationO	overviewPortlethandle=com.bea.console.handles.AppDeploymentHandle%28% 💌
WEBLOGIC SERVER			
Change Center	Welcome, weblogic	Connected to: ISRA_domain	& Home Log Out Preferences Record Help AskBEA
/iew changes and restarts	Home > Summary of Deployments > 1	ISRA_domain > Summary of Deployments > $ISR$	A
Pending changes exist. They must be activated to take effect.	Messages Settings updated successful	ully.	
Activate Changes Undo Al Changes	Settings for ISRA		
Domain Structure	Overview Deployment Plan	n Configuration Security Targets Cor	ntrol Testing Monitoring Notes
ISRA_domain	Save		
Environment     Deployments     Services     Security Realms	This page displays basic	c information about this resource adapter	deployment.
-Security Realms			
-Security Realms	Name:	ISRA	The name of this application deployment. More Info
-Security Realms #-Interoperability	Name: Source Path:		The name of this application deployment. More Info The path to the source of the deployable unit on the Administration Server. More Info
-Security Realms #-Interoperability			The path to the source of the deployable unit on the
-Security Realms #-Interoperability	Source Path: Deployment Plan: Staning Mode:	servers\AdminServer\upload\ISRA.rar	The path to the source of the deployable unit on the Administration Server. More Info The path to the deployment plan document on Administration

The system returns to the same page with the message: 'Settings updated successfully' displayed.

16. Click Activate Changes button. The following screen appears:

Ele Edit View Favorites Tools Help	🌀 Back - 🐑 - 💌 🖻 🏠 ,	🔎 Search 🤺 Favorites 🚱 🍰 📱	z - 🖵 🕄
ddress 🛃 http://zenda2:7001/console/consol	e.porta?_nfpb=true&_pageLabel=Connecto	rApplicationOverviewPage&ConnectorApplicationC	overviewPortlethandle=com.bea.console.handles.AppDeploymentHandle(%22o
BEA WEBLOGIC SERVER			
Change Center	Welcome, weblogic	Connected to: ISRA_domain	n 🗛 Home 🛛 Log Out 🛛 Preferences 🖾 Record Help AskBEA
/iew changes and restarts	Home > Summary of Deployments > 15	SRA_domain > Summary of Deployments > $ISR$	A
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages All changes have been active Settings for ISRA	vated. No restarts are necessary.	
Domain Structure	Overview Deployment Plan	Configuration Security Targets Cor	trol Testing Monitoring Notes
ISRA_domain © Environment   Deployments © Services   Security Realms		ton in the Change Center to modify the se information about this resource adapter	
<ul> <li>Interoperability</li> <li>Diagnostics</li> </ul>	Name:	ISRA	The name of this application deployment. More Info
	Source Path:	servers\AdminServer\upload\ISRA.rar	The path to the source of the deployable unit on the Administration Server. More Info
	Deployment Plan:	(no plan specified)	The path to the deployment plan document on Administration Server. More Info
tow do I     Install an Enterprise application     Start and stop a resource adapter	Staging Mode:	(not specified)	The mode that specifies whether an application's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info

An overview of the deployments made is reflected. The **ISRA.rar** file is successfully deployed.

17. Click **Deployments**. The following screen appears:

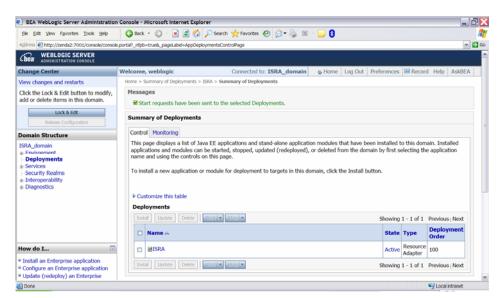
jie Edit View Favorites Tools Help	🔇 Back * 🖏  🗷 🔮 🏠 🔎 Search 🤺 Favorites 🤣 🖾 * 🍑 🗷 👘 🤤 💲			
	e.porta?_nfpb=true&_pageLabel=AppDeploymentsControlPage	×		
bea WEBLOGIC SERVER				
nange Center	Welcome, weblogic Connected to: ISRA_domain & Home	Log Out Preferences Record Help AskBEA		
ew changes and restarts	Home > Summary of Deployments > ISRA_domain > Summary of Deployments > ISRA > Summary of	f Deployments		
Click the Lock & Edit button to modify, add or delete items in this domain.				
Lock & Edt	Control Monitoring			
Release Configuration	This page displays a list of Java EE applications and stand-alone application modules			
omain Structure	name and using the controls on this page.	pplications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application ame and using the controls on this page.		
SRA_domain	To install a new application or module for deployment to targets in this domain, click the Install button.			
Deployments				
Services Security Realms	₽ Customize this table			
-Security Realms Interoperability	Customize this table     Deployments			
-Security Realms Interoperability		Showing 1 - 1 of 1 Previous   Next		
-Security Realms Interoperability	Deployments           Instal         Update         Delete         Startim         Stopim           Servicing all requests         Servicing all requests         Servicing all requests         Servicing all requests	State Tune Deployment		
-Security Realms Interoperability	Deployments Install Update Delete Start W Stop W	State Type Deployment Order		
-Security Realms Interoperability	Deployments           Instal         Update         Deeter         Stop!*           Image: the start in the store in the	State Tune Deployment		
-Security Realms : Intercopenability : Diagnostics	Deployments           Protal         Update         Deter         Statt.in         Stopins           Image: Servicing only administration requests         Servicing only administration requests         Servicing only administration requests           Image: Bart in Stoping         Statt.in Stoping         Statt.in Stoping	State Type Deployment Order		
Security Realms Interopenability Diagnostics	Deployments           Protal         Update         Deter         Statt.in         Stopins           Image: Servicing only administration requests         Servicing only administration requests         Servicing only administration requests           Image: Bart in Stoping         Statt.in Stoping         Statt.in Stoping	State         Type         Deployment Order           New         Resource Adapter         100		
Security Realms Interoperability Diagnostics	Deployments           Protal         Update         Deter         Statt.in         Stopins           Image: Servicing only administration requests         Servicing only administration requests         Servicing only administration requests           Image: Bart in Stoping         Statt.in Stoping         Statt.in Stoping	State         Type         Deployment Order           New         Resource Adapter         100		
e Interoperability e Diagnostics	Deployments           Protal         Update         Deter         Statt.in         Stopins           Image: Servicing only administration requests         Servicing only administration requests         Servicing only administration requests           Image: Bart in Stoping         Statt.in Stoping         Statt.in Stoping	State         Type         Deployment Order           New         Resource Adapter         100		

A summary of deployments is reflected on the screen.

 Select the check box corresponding to ISRA, and click Servicing all requests from the Start drop-down button. The Start Application Assistant screen appears:

BEA WebLogic Server Administration	n Console - Microsoft Internet Explorer
Ele Edit View Favorites Tools Help	🔇 Back + 🔘 - 🖹 🗟 🏠 🔎 Search 👷 Favorites 🤣 🎯 + 🌺 🔟 - 📴 🕄
Address Address Address Address Address	e. porta?AppGiobalStartPortletreturnTo=AppDeploymentsControlPage8AppDeploymentsControlPortlethandle=com.bea.console.handles.)M04andle4628%22.com.bea463A4va 💌 🔁
Chea WEBLOGIC SERVER	
Change Center	Welcome, weblogic         Connected to: ISRA_domain         Log Out         Preferences         Record         Help         AskBEA
View changes and restarts	Home > Summary of Deployments > ISRA_domain > Summary of Deployments > ISRA > Summary of Deployments
Click the Lock & Edit button to modify, add or delete items in this domain. Lock & Edit Release Configuration Domain Structure USRA, domain © Environment Deployments © Services © Services © Services © Intercopenability © Diagnostics	Start Application Assistant         Yes       No         Start Deployments         You have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel.                 ISRA          Yes       No
How do I  No help task found System Status	
Done	S Local intranet

19. Click **Yes** to start the deployment of the **ISRA.rar** file. The **Summary of Deployments** screen appears:



The **Status** of the deployed file changes to **Active**. The confirmation message: *'Start requests have been sent to the selected Deployments'* is displayed.

### Mandatory Requirements for ISRA 3.4.0

The mandatory requirements for ISRA 3.4.0 include:

- 1. Include **ISRA.jar**, **listener.jar** and **log4j-1.2.8.jar** in the classpath of WebLogic server. To include the jar files in classpath:
  - a. Navigate to the folder containing Application Server.
  - b. Click User\_projects > domains > <domain-name>.
  - c. For Windows, open **startWebLogic.cmd** and for UNIX/Linux, open **startWebLogic.sh** in a text editor.
  - d. Include ISRA.jar, listener.jar and log4j-1.2.8.jar in the classpath.
- 2. Include the folder in which **WinPerfMon.dll** is present in the system path in case of Windows operating system. In UNIX, this file is not required.
- 3. Enter the initial and maximum JVM heap size as 512.

#### Explanation for Terminal name and ISRALock folder

The first instance of ISRA deployed on an Application Server creates a folder named "ISRALock" and a file named<sup>1</sup> "ISRALock.0" inside that folder. The counter "0" in the file name "ISRALock.0" increments subsequently with each new deployment of ISRA and the same is appended to the terminal name generated for an ISRA instance. This folder is created in the path resolved by the system property "user.dir", which is the same path where the ISRA logs are generated. This functionality has been introduced in ISRA 3.2.1 to support vertical cluster environment.

Terminal name identifies ISRA instance with a unique id so that IS can distinguish each ISRA client uniquely for communication. Earlier, the terminal name used to be of the form "SV<instance number>.<Counter1>@IPAddress". In case of a vertical cluster, ISRA can be deployed across the cluster on a single

<sup>&</sup>lt;sup>1</sup> ISRALock.0 (0-9 and a-z) would be created in ISRA 3.4 FP3 and above. Prior versions of ISRA would have files created as ISRALock.0000 (0000-9999).

machine. But in such a scenario, all the managed server instances in a cluster will have the same ISRA instance deployed and will generate the same terminal name, as the "IPAddress" and "instance number" will be same for all the ISRA instances. The current format of a terminal name generated by ISRA is "RA<instance number>.<Counter1>.<Counter2>@IPAddress", where Counter2 is the counter appended to the files created in the ISRALock folder as mentioned above. The files created in the ISRALock folder will be automatically removed if the managed servers are gracefully shut down (in case of proper JVM shutdown).

See <u>Configurable ra.xml Properties</u> section below for "<u>DeploymentInstance</u>" property setting.

2

## **ISRA Configuration**

This chapter describes the configuration of ISRA, deployed on BEA WebLogic 10.x Application Server.

## **Configuring Deployed ISRA**

This section describes how to edit the ISRA deployment descriptor before and after deployment.

ISRA uses the J2EE Connector Architecture deployment descriptor, called **ra.xml**, to define its operational parameters. The deployment descriptor is defined by Sun Microsystems in the J2EE Connector Architecture 1.0 specification. It describes the Resource Adapter related attributes, types, and deployment properties, using a standard Document Type Definition (DTD).

To edit the ISRA deployment descriptor:

- 1. Remove all files from ISRATemp directory and copy ISRA.rar in it.
- 2. Change directory to ISRATemp. Run the command jar -xvf ISRA.rar. This command extracts the **ISRA.rar** file in the current directory.
- 3. Select the **ra.xml** file in the META-INF folder and edit the **ra.xml** file in a text editor.

For more details, refer <u>Configurable ra.xml Properties</u>, <u>Changing ISRA</u> <u>Specific Parameters for LDAP</u> and <u>Configuring ISRA Parameters for</u> <u>Performance Statistics</u>.

- 4. After making the modifications, save the **ra.xml** file in the same folder.
- 5. To reconstruct the **ISRA.rar** file, run the command from ISRATemp directory jar -cvf ISRA.rar \*. This command will create **ISRA.rar** file with modified **ra.xml** bundled into it.

## **Changing ISRA Specific Parameters**

#### **Configurable ra.xml Properties**

**Note** Please note that all properties described in the deployment descriptor are mandatory and no property should be removed. Default values should be specified for properties that users do not want to use.

The configurable properties to be set (modified) in **ra.xml** are:

- <u>DomainName</u>
- OrganizationName
- LoggingLevel
- LoggingMode

- PageBufferSize
- <u>CacheRefreshInterval</u>
- SecurityCacheMode
- <u>MetaDataCacheRefreshMode</u>
- LogFileName
- LogFileSize
- LdapImplClassName
- LdapImplClassString
- InherentLogin
- <u>DeploymentInstance</u>
- PCHLogging
- <u>AllowAnonymousUser</u>
- RPCLogging
- <u>ClientCodepage</u>
- GMTEnabled flag
- ISLocale
- IgnoreObjectBusyMsgInDocMigration

#### **DomainName**

This is the domain name of the IS server. The default value of DomainName is FileNetIS. It should be set according to the operational environment. Change this property to the domain name of your IS.

#### OrganizationName

This is the FileNet IS organization name. The default value for OrganizationName is IBM. It should be changed according to the operational environment.

#### LoggingLevel

This is an integer representing the amount of log information to be generated. The values are dynamically updatable by using the ISRA Console. The valid values are:

Logging Level	Description	
-1	Disables ISRA Logging	
0	Only Error and Warning messages will be logged by ISRA	
1	Informative messages will also be logged by ISRA	
2	Prints debug message in the log	

The default value of LoggingLevel is 0. It can be modified to other valid Logging Levels. It is recommended to keep the logging level to 0. LoggingLevel can be increased if a problem is encountered while accessing ISRA through the application.

#### LoggingMode

Logging Mode	Description	
0	No Logging	
1	Only console logging	
2	Only file logging	
3	Both console logging and file logging	

This is an integer representing the logging mode. The valid values are:

The default Value of LoggingMode is 3. It can be changed to other valid values according to the operational environment.

#### **PageBufferSize**

This is an integer value specified in kilobytes (KB). PageBufferSize specifies the chunk size that ISRA will use to transfer page data to and from IS. The default value is 64 KB. Specifying a higher value will require more memory for the Application Server process, and a low PageBufferSize will mean more trips to IS. The value should be set to an average page size on the target IS. The document buffer size on IS and ISRA should match to optimize image transfer performance.

#### CacheRefreshInterval

This is an integer value specified in minutes. ISRA stores meta-data information like Document class, Indices and menu details etc., in a local cache for faster retrieval. ISRA refreshes the cache information based on the CacheRefreshInterval value. The default value is 30 minutes.

#### SecurityCacheMode

This parameter can take two values:

#### Value Setting

- 1 Caches both users and Groups
- 2 Caches only groups

#### **MetaDataCacheRefreshMode**

This parameter can have a value in the range of (0-15).

#### Value Setting

- 0 No Metadata cache refresh
- 1 Printer cache refresh only
- 2 Document class cache refresh only
- 4 Key Fields cache refresh only
- 8 Menu Value cache refresh only
- 15 is the default value for this parameter, which will refresh all metadata.

Add corresponding values to get a combination of data.

For example, 1+2 = 3 Printer and Document class data 1+2+4 = 7 Printer, Document class, Key Fields data 0+1+2+4+8 = 15 all data

#### LogFileName

The LogFileName is a string containing the name and path of the log file. The default Value of LogFileName is ISRA.log. A complete or relative path can be provided to create the log file at a specific location on disk.

To ensure that each ISRA instance has a unique log file, the following steps will be followed:

- Configurable property "DeploymentInstance" will be read from ra.xml and appended to the log file name. If not specified, the default value "1" will be used as the deployment instance of ISRA.
- The unique ID used for terminal ID generation in ISRA will be appended to the log file name.

For instance, if the log file name configured in ra.xml is **ISRA.log** and the deployment instance is 1, the modified log file name would be **ISRA\_1\_0.log**. Here, "0-9 and a-z" is the unique  $ID^2$  generated at run time. This ensures a unique name of the log file for each instance of ISRA.

#### LogFileSize

This is an integer representing the maximum size of the log file in Megabytes (MB). When the size of the file reaches this maximum limit, the log file is renamed, and a new file is created with the same name. For example, **ISRA\_1\_0.log** is renamed to **ISRA\_1\_0\_1.log**, and a new file **ISRA\_1\_0.log** is created. The default value of LogFileSize is 5MB. Automatic purging of old ISRA log files has been implemented leaving behind only 5 latest versions.

#### LdapImplClassName

It is the name of the Implementation class for LDAP Authentication. This parameter contains the complete path of the LDAP Implementation class to be entered along with the LDAP Implementation Class Name.

The default value is 'com.filenet.is.ra.fnis.FN\_IS\_IPlanetImpl'

In addition, LDAP implementation has been provided for Microsoft Active Directory Server for Windows 2003 and Novell NDS 8.7.3. The value of the property for LDAP implementation for Active directory is com.filenet.is.ra.fnis.FN\_IS\_ActiveDirImpl and for Novell NDS 8.7.3 is com.filenet.is.ra.fnis.FN\_IS\_NovellNDSImpl.

<sup>&</sup>lt;sup>2</sup> The modified log file name would be ISRA\_1\_<unique-ID>.log. The value for unique ID is 0-9, a-z in ISRA 3.4 FP3 and above. Older versions of ISRA use the unique ID value between 0000-9999.

#### LdapImpIClassString

This parameter is a general string that takes in all the LDAP Server specific parameters required for authentication. It takes the following inputs:

• Server Name – Name of the Server/ Machine on which LDAP Server exists.

**Note** In case that the LDAP server is located on a different subnet, it may be necessary to enter IP address or a full domain name.

- Port Number LDAP Server's port number used for transactions.
- User Path Organization unit under which the users are filed in the LDAP Directory Server.

The three parameters must be separated by semicolon and must appear in the order - server name, port number and user path. An example of LDAPImplClassString is:

• For Active Directory

filenetserver;389;ADS.com

• For IPlanet

filenetserver;389;ou=ISRA, dc=odc, dc=filenet, dc=com

• For Novell NDS

filenetserver;389;ou= ISRA, ou=odc,ou=filenet,o=com

#### InherentLogin

To use LDAP security, the value will be set to 1 from the default value 0.

#### DeploymentInstance

This is the instance number of ISRA that is being deployed. It is a user defined number between 1 and 100. The default value for this parameter is 1 when none is specified. The maximum is 100, which means that 100 different instances of ISRA can be deployed in a single WebLogic domain.

Each deployment/JNDI of ISRA on the same Web/Application server requires its own instance number. For example, there can be 2 ISRA applications deployed on the same Web/Application server. Each deployment would require its own instance number and JNDI name. This number is used on the IS server to differentiate between multiple connections from the same IP address of the Web/Application server.

IS always expects unique IDs from ISRA clients, and when it receives duplicate IDs from ISRA, it will reject communication.

So it is always advised to increment the deployment instance number when another instance of ISRA is deployed to achieve its unique id.

Format of the terminal ID is used by ISRA and IS in distinguishing a Unique ISRA instance.

RXXYYYZ@<ip-address>

Where,

XX = 899 + DeploymentInstance(ra.xml) (Converted to Base 36 and used by ISRA)

YYY = Counter that increments with the creation of a new LogonSession object (Values in base 36)

Z = Unique ID generated per ISRA instance. Introduced to support ISRA in clustered environment (Unique ID is a number in Base 36)

<ip-address> = IP Address of the machine where ISRA is deployed.

The Unique ID is obtained from the place holder file ISRALock.z (where Z=Unique ID) that is created in the ISRALock folder. Each cluster member creates its own place holder file (like ISRALock.0, ISRALock.1 and so on) within the common ISRALock folder.

#### PCHLogging

This is a String parameter to enable/disable PCH logging in ISRA. The default value for this parameter is "Disabled". PCHLogging enables user to log performance monitoring data of IS.

#### AllowAnonymousUser

It's a Boolean value to allow Anonymous user logon through LDAP, when blank password is passed from user/client. The default value of this parameter is "false".

#### RPCLogging

This is an integer representing the RPC logging level. The valid values are:

RPCLogging	Description
0	No Logging
1	File Logging

The default Value of RPCLogging parameter is 0. It can be changed to 1 if RPC Logging is required.

The RPC LogFileSize is taken as double the size of that of ISRA LogFileSize. So, when the size of the RPC log file reaches its maximum limit (10mb), the log file is renamed, and a new file is created with the same name. For example, ISRA\_1\_0\_RPC.log is renamed to ISRA\_1\_0\_RPC\_1.log, and a new file ISRA\_1\_0\_RPC.log is created. Automatic purging of old ISRA RPC log files has been implemented leaving behind only 5 latest versions.

#### ClientCodepage

This is the code page for encoding Text and Sticky Note annotations. The default value for this property is blank.

On Microsoft Windows platform, the Locale character set is the Windows Code Page (1252 for US English and Western Europe) whereas on a UNIX platform, it is an ISO 8859-X character set (ISO 8859-1 for US English and Western Europe).

Thus, if the client locale character set, is Windows Code Page based (for example: Cp1252 for US English and Western Europe), and the server is UNIX

based, then Windows Code Page should be used for encoding the annotations data before committing to the server. This is because, there is an inconsistency in characters mapping between Microsoft Windows Code Pages and the equivalent ISO 8859-X series. For instance, Code page 1252 is built on ISO 8859-1 but uses the range 0x80-0x9F for extra printable characters rather than the C1 control codes used in ISO8859-1.

For Annotations data, ISRA internally retrieves the IS character set and uses the equivalent Windows Code Pages for the following ISO encodings:

ISO Encoding	MS Windows counterpart
ISO8859_1	Cp1252
ISO8859_2	Cp1250
ISO8859_5	Cp1251
ISO8859_6	Cp1256
ISO8859_7	Cp1253
ISO8859_8	Cp1255
ISO8859_9	Cp1254
ISO8859_13	Cp1257

**Note** Specifying an incorrect code page may lead to inconsistency and/or corruption of Annotations data.

#### GMTEnabled flag<sup>3</sup>

This parameter takes two values:

1. true

2. false

The default value of this parameter is false.

**Setting "GMTEnabled" to false**: When the flag is set to false, it is assumed that the ISRA client application is not "GMT Enabled" i.e. client applications will not do any timezone conversion. ISRA returns the date committed on the IS to client applications after adjusting the difference between the Application Server timezone and the GMT Timezone. As a result, the dates displayed in applications will be in accordance with the dates committed on the IS.

**Setting "GMTEnabled" to true**: When the flag is set to true, it is assumed that the client application is "GMT Enabled" i.e. client applications will display the dates in GMT. In this case, ISRA returns the date committed on the IS in the GMT timezone, without any adjustment. Set this value to true only if you have made changes to your application after of an upgrade to ISRA 3.3 FP6 or ISRA 3.4 FP2.

<sup>&</sup>lt;sup>3</sup> GMTEnable flag is available from ISRA 3.4 FP3 and above.

#### **ISLocale**

This is a String parameter which represents the ISRA Locale. The administrator can set the value of this configurable property as that of the IS locale. It is a lower-case two-letter code as defined by ISO-639. The default value of this parameter is "en" (English locale). The ResourceBundle used in ISRA will depend on the value set by the user for this property.

#### IgnoreObjectBusyMsgInDocMigration

This is a Boolean parameter which can be set to true to ignore the [77,0,11 The object is busy] error, incase of DocMigration. The default value for this parameter is false.

#### **Configuring Multiple IS Servers with ISRA**

To configure ISRA for accessing multiple IS servers:

- 1. Deploy a new ISRA instance for each IS that user wants to connect. Before deploying the second (and subsequent) ISRA, rename the ISRA.rar file. The new ISRA will overwrite the previously deployed ISRA configuration settings, if the .rar file is not renamed.
- 2. Ensure that the renamed **ISRA.rar** has the .rar file extension.
- 3. Configure the new ISRA and enter a DomainName and OrganizationName before deployment, for connecting to the target IS.

## Configuring and Deploying ISRA Console and Sample Application

## **ISRA Console**

The LoadISRA utility from ISRA 3.4.0 has now been replaced with the ISRA Console (in ISRA 3.4 fixpack 1 and above). This ISRA console has been developed to show the ra.xml properties in a well formatted table and also features buttons to enable/disable/edit logging levels dynamically.

The dynamic update of logging allows the user to enable and change logging levels while the ISRA is running and without needing to restart the appserver. The console also features links to launch Sample Application and to view JVM statistics.

This console is available as a Web Module (ISRAConsole.war) within ISRAConsole.ear and gets deployed automatically during the deployment of ISRAConsole.ear

### **Configuring Sample Application**

The ISRA console and Sample Application are packaged within a single Enterprise Application Archive File (**ISRAConsole.ear**).

ISRAConsole.ear consists of:

- Two Web modules:
  - o ISRASampleWEB.war (ISRA Sample Application)
  - o ISRAConsole.war (ISRA Console)
- Deployment Descriptor (application.xml)

This chapter illustrates the deployment and configuration of the ISRA Console and Sample Application on BEA WebLogic 10.x platform using the WebLogic Administration Console.

**Note** ISRA product media comes with an IBM FileNet Image Viewer, which can be used to display the TIFF, JPEG, BMP, and other supported file formats on a Java-enabled browser.

This Sample Application is intended solely for illustrative purposes and it should not be expected to perform useful work, or be used for production deployment. This Sample Application is to be used strictly as reference material.

It is assumed that ISRA is deployed and configured for the target IS.

In ISRA 3.4 fixpack 1, a new properties file "jndiISRA.properties" has been introduced and it gets created in Application Server home directory. The JNDI names of connection factories mentioned in this properties file, which will be used by Sample application to display on the login page. Two JNDI names "ISCF" and "ISCF1" are mentioned in the file by default. Additional library names can be included by providing comma separated entries. The property file is mandatory and it should contain the same names as the JNDI Binding Paths specified for the configured ISRA ConnectionFactories.

For configuring Sample application, certain properties need to be updated in the web.xml of the **ISRASampleWEB.war**.

Follow the below steps for extracting web.xml from ISRASampleWEB.war.

- 1. Extract ISRASampleWEB.war from ISRAConsole.ear.
- 2. Extract web.xml from ISRASampleWEB.war
- 3. To enable extended annotation functionality modify the following parameters in **web.xml**:
  - a. Change env-entry-value for "DOCCLASSNAME" to the document class configured in the IS for digital signatures.

<env-entry-value>digDocClass</env-entry-value>

- b. Change env-entry-value for "MAXROWS" to the number of records to be fetched from the given document class.
  - <env-entry-value>200</env-entry-value>
- 4. To enable Remote Printing functionality modify the following parameters in **web.xml**:
  - a. Change env-entry-value for "USEPRINTVIEWOPTION" to either Yes or No. This value will determine whether to honor the print/view preference set in the **web.xml** or to take the value returned by ViewOne. Default value is No.

<env-entry-value>No</env-entry-value>

b. Change env-entry-value for "PRINTVIEWOPTION" to either View Only =1, Print Only =2, Print/View = 3. This value indicates the value of Print/View. The default value is 3.

<env-entry-value>3</env-entry-value>

**Note** If the PRINTVIEWOPTION is set to 3 (default) then the sticky note would be saved as a normal sticky note. If PRINTVIEWOPTION value is specified as 1 or 2 then the annotations will be saved as an extended annotation (*Extended annotations are non-standard annotations which are saved with a class name parameter* (*F\_CLASSNAME*) of "Proprietary", a class id property (CLASS\_ID) of {A91E5DF2-6B7B-11D1-B6D7-00609705F027} and a subclass name property (F\_SUBCLASS) that describes the annotation).

The value of PRINTVIEWOPTION would be honored for each sticky note individually, and not for all the sticky notes on a document as a whole.

Thus, the setting for PRINTVIEWOPTION would be processed for either a new annotation being added or an existing annotation being modified.

5. Update web.xml in ISRASampleWEB.war

- 6. Add **weblogic.xml** with the following code into the WEB-INF folder of the ISRASampleWEB.war:
  - For Session Application, when deployed on clustered environment:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE weblogic-web-app PUBLIC "-//BEA Systems,
Inc.//DTD Web Application 8.1//EN"
"http://www.bea.com/servers/wls810/dtd/weblogic810-web-
jar.dtd">
<weblogic-web-app>
<session-descriptor>
<session-descriptor>
<param-name>PersistentStoreType</param-name>
<param-value>replicated_if_clustered</param-value>
</session-descriptor>
</session-descriptor>
</session-descriptor>
</session-descriptor>
</session-descriptor>
</session-descriptor>
</session-descriptor>
</session-descriptor>
</session-descriptor>
</weblogic-web-app>
```

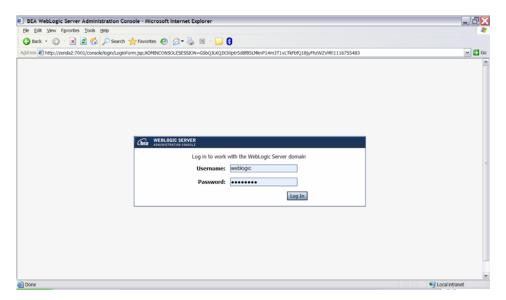
7. Update ISRASampleWEB.war in ISRAConsole.ear

# Deploying the ISRA Console and Sample Application in a Standalone Environment

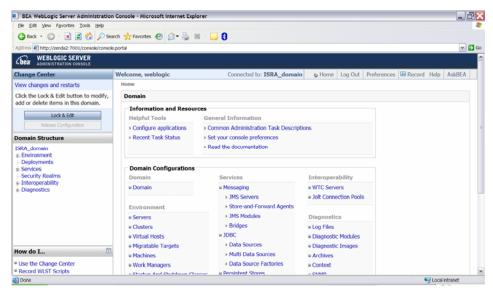
This section describes how to deploy the ISRA Console and Sample Application on a WebLogic Server to access ISRA in a managed environment. It is assumed that ISRA is deployed and configured for the target IS.

Before deploying the ISRA Console and Sample Application through the WebLogic Server Administration Console, ensure WebLogic Administration Server is running, else, start the Administration server as explained in the Deploying ISRA in a Standalone Environment section.

1. Start the administrative console. Open a browser window and enter the WebLogic admin console URL http://<hostname>:<portnumber>/console.



2. The WebLogic admin console sign on screen appears. Enter the WebLogic admin **Username** and **Password**. Click **Log In** to access the WebLogic admin console. The following screen appears:



#### 3. Click **Deployments**. The following screen appears:

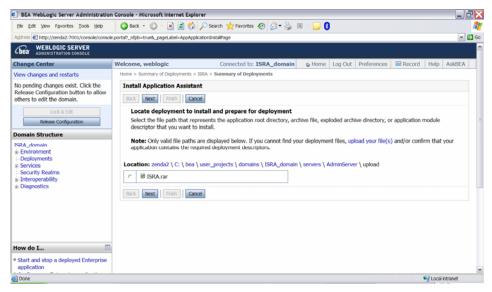
Ele Edit View Favorites Tools Help	🔇 Back 🔹 🔘 🗉 📓 😭 🔎 Search 👷 Favorites 🤗 🍰 🖛	· 🛬 🗷 - 🖵 🚯		
Address 🜒 http://zenda2:7001/console/conso	e.portal?_nfpb=true8_pageLabel=AppDeploymentsControlPage			~
Chea WEBLOGIC SERVER				
Change Center	Welcome, weblogic Connected to: ISRA_	domain & Home Log Out Pre	ferences 🔛 Reco	rd Help AskBEA
View changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments			
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Deployments			
	Control Monitoring			
Lock & Edit Release Configuration	This page displays a list of Java EE applications and stand-alone	e application modules that have been	installed to this dor	main. Installed
	applications and modules can be started, stopped, updated (red name and using the controls on this page.	leployed), or deleted from the domain	by first selecting t	he application
Domain Structure ISRA_domain				
Environment	To install a new application or module for deployment to targets	s in this domain, click the Install butto	n,	
Deployments     Services				
<ul> <li>Services</li> <li>Security Realms</li> </ul>	Customize this table			
Services	Customize this table     Deployments			
<ul> <li>Services</li> <li>Security Realms</li> <li>Interoperability</li> </ul>			Showing 1 - 1 of 1	Previous   Next
Services     Security Realms     Interoperability	Deployments	(Cert Table In: Manual	Showing 1 - 1 of 1 State Type	Previous   Next Deployment Order
<ul> <li>Services</li> <li>Security Realms</li> <li>Interoperability</li> </ul>	Deployments Instal Update Delete Stople	Sort table by Name		Deployment Order
is Services -Security Realms is Interoperability is Diagnostics	Deployments Update Delete start & stops *  Name *  SISRA Instal Update Delete stort * stops *	Sort table by Name	State Type	e 100
a): Services -Security Realms a): Interoperability a): Diagnostics How do L □	Deployments Update Delete start & stops *  Name *  SISRA Instal Update Delete stort * stops *	Sort table by Name	State         Type           Active         Resource           Adapter	e 100
e) Services I-Security Realms e) Interoperability e) Diagnostics	Deployments Update Delete start & stops *  Name *  SISRA Instal Update Delete stort * stops *	[Sort table by Name]	State         Type           Active         Resource           Adapter	e 100

4. Click **Lock and Edit** button to make the console editable. The following screen appears:

Ele Edit View Favorites Tools Help	a Console - Microsoft Internet Explorer ♀ Back - ♀ ♀ ★ ■ ♥ ☆ ♪ Search ☆ Favorites � ☆ ~ ⇒ ■ ↓ ↓ ↓	-
	e.porta?_nfpb=true8_pageLabel=AppDeploymentsControlPage	×
bea WEBLOGIC SERVER ADMINISTRATION CONSOLE		
hange Center	Welcome, weblogic Connected to: ISRA_domain & Home La	og Out   Preferences   🖾 Record   Help   AskBEA
iew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments	
No pending changes exist. Click the Release Configuration button to allow		
thers to edit the domain.	Control Monitoring	
Lock & Edit Release Configuration	This page displays a list of Java EE applications and stand-alone application modules tr applications and modules can be started, stopped, updated (redeployed), or deleted fin name and using the controls on this page.	
omain Structure SRA_domain Environment Deployments Strvices	To install a new application or module for deployment to targets in this domain, click the Customize this table	he Install button.
-Security Realms	Deployments	
Diagnostics	Instal Update Delete Start V Stop V	Showing 1 - 1 of 1 Previous   Next
	🗆 Name 🌣	State Type Deployment Order
	I WISRA	Active Resource Adapter 100
	Instal Update Delete Gort Stop	Showing 1 - 1 of 1 Previous   Next
łow do I 🗇		
Install an Enterprise application Configure an Enterprise application		

The **Release Configuration** button, along with the buttons under **Deployment** section is enabled.

5. Under **Deployments** click **Install** button. The **Install Application Assistant** screen appears:



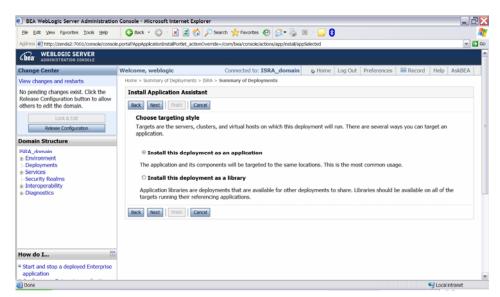
6. Click the upload your file(s) link. The following screen appears:

Ele Edit View Favorites Tools Help	🔇 Back 🔹 🐑 🗉 📓 🏠 🔎 Search 👷 Favorites 🤣 🍙 🖷 🖓 📴	
dress 🛃 http://zenda2:7001/console/conso	ole.portal?AppApplicationInstalPortlet_actionOverride=/com/bea/console/actions/app/instal/selectUploadApp	× (
bea WEBLOGIC SERVER		
hange Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences Record	Help AskBEA
iew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments	
o pending changes exist. Click the	Install Application Assistant	
telease Configuration button to allow thers to edit the domain.	Back Next Frish Cancel	
Lock & Edit Release Configuration	Upload a Deployment to the admin server	
SRA_domain 9: Environment - Deployments - Services	Click the Browse button below to select an application or module on the machine from which you are currently browsing have located the file, click the Next button to uplead this deployment to the Administration Server. Deployment Archive: C:USRA340GAUSRA340FP3USRA2console ear Browse.	. When you
- Security Realms - Interoperability - Diagnostics	Upload a deployment plan (this step is optional) A deployment plan is a configuration which can supplement the descript the deployment archive. A deployment will work without a deployment plan, but you can also upload a deployment plan. This deployment plan archive will be a directory of configuration information packaged as a .jar file. See related links for information about deployment plans.	archive now.
	Deployment Plan Archive: Browse Browse	
	Back Next Prish Gancel	
low do I	a	
Start and stop a deployed Enterprise application		

- 7. Click Browse to select the ISRAConsole.ear file. The ISRAConsole.ear file is located in sample subdirectory of the ISRA installation directory. For example, if user has installed ISRA in C:\fnsw\ISRA (/fnsw/ISRA on UNIX), the ISRAConsole.ear is located in C:\fnsw\ISRA\sample\ (/fnsw/ISRA/sample on UNIX) directory.
- 8. Click **Next** to upload the **ISRAConsole.ear** file. The system may take some time to upload the file. The following screen appears:

		JZ
Ele Edit View Favorites Tools Help	🌀 Back 🔹 💭 - 💌 😰 🏠 🔎 Search 👷 Favorites 🤣 😥 - 🌄 📓 - 🔜 🚦	4
Address Address Address Address	e.portal?AppApplicationInstalPortiet_actionOverride=/com/bea/console/actions/app/instal/uploadApp	- 🖸 🤇
Chear WEBLOGIC SERVER		
Change Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences Record Help AskBE	A
View changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Messages  The file ISRAConsole.ear has been uploaded successfully to C:\bea\user_projects\domains\ISRA_domain\servers\AdminServer\upload	1
Lock & Edit	Install Application Assistant	
Release Configuration	Back Next Finish Cancel	
Oomain Structure	Locate deployment to install and prepare for deployment	
ISRA_domain @ Environment  - Deployments @ Services  - Security Realms @ Interoperability	Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install. Note: cnhy valid file paths are displayed below. If you cannot find your deployment files, upload your file(s) and/or confirm that your application contains the required deployment descriptors.	
<ul> <li>Diagnostics</li> </ul>	Location: zenda2 \ C: \ bea \ user_projects \ domains \ ISRA_domain \ servers \ AdminServer \ upload	
	c     Ø ISRA,rar       c     ØB ISRAConsole.ear       Back     Next	
How do I		
<sup>a</sup> Start and stop a deployed Enterprise application		
Done	Set Local intranet	

9. Select the radio button corresponding to **ISRAConsole.ear**, and click **Next**. The following screen appears:

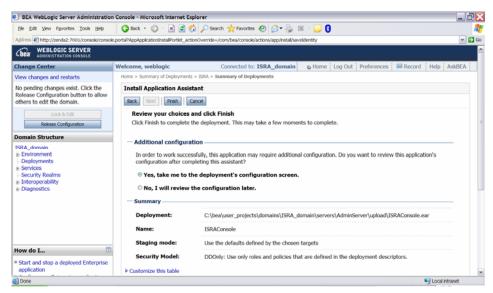


10. Select the radio button corresponding to **Install this deployment as an application**, if not selected by default, and click **Next.** The following screen appears:

	on Console - Microsoft Internet Explorer	_ 2
Ele Edit View Favorites Tools Help	🔇 Back 🔹 🐑 🗉 📓 🐔 🔎 Search 👷 Favorites 🤣 🔗 = 🍒 😫 🗉 😑 🚯	4
Address 🕘 http://zenda2:7001/console/consol	iole.portal?AppApplicationInstalPortiet_actionOverride=/com/bea/console/actions/app/instal/targetStyleSelected	- D
Chear WEBLOGIC SERVER		
Change Center	Welcome, weblogic Connected to: ISRA_domain	Home Log Out Preferences Record
/iew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments	
No pending changes exist. Click the	Install Application Assistant	
Release Configuration button to allow others to edit the domain.	Back Next Finish Cancel	
Lock & Edit	Optional Settings	
Release Configuration	You can modify these settings or accept the defaults	
omain Structure	General	
SRA_domain i-Environment	What do you want to name this deployment?	
Deployments	what do you want to name this deployment?	
<ul> <li>Services</li> <li>Security Realms</li> </ul>	Name: ISRAConsole	
Interoperability     Diagnostics	- Security	
a Diagnostics	What security model do you want to use with this application?	
	• DD Only: Use only roles and policies that are defined in the deployment descript	tors.
	O Custom Roles: Use roles that are defined in the Administration Console; use pol	icies that are defined in the deploymen
	• Custom Roles and Policies: Use only roles and policies that are defined in the Ac	Iministration Console.
How do I 🛅	• Advanced: Use a custom model that you have configured on the realm's configu	iration page.
Start and stop a deployed Enterprise	- Source accessibility	

This screen displays the optional settings of the deployed file.

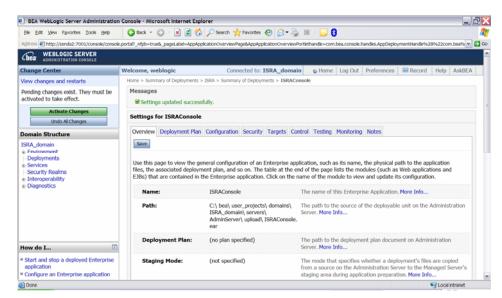
11. Retain the default settings, and click Next. The following screen appears:



12. Retain the default settings, and click **Finish**. The following screen appears:

Ele Edit View Favorites Tools Help	🌀 Back 🔹 🐑 🗉 📓 🔮 🎸	🌡 🔎 Search 🤺 Favorites 🤣 🍰 🍓	, 🗷 - 🖵 🕄
Address 🛃 http://zenda2:7001/console/conso	ole.portal?_nfpb=true&_pageLabel=AppAp	plicationOverviewPage&AppApplicationOverviewP	Portiethandie=com.bea.console.handles.AppDeploymentHandle%28%22com.bea%
Cibea WEBLOGIC SERVER			
Change Center	Welcome, weblogic	Connected to: ISRA_domai	in & Home Log Out Preferences 🖾 Record Help AskBEA
View changes and restarts	Home > Summary of Deployments	> ISRA > Summary of Deployments > ISRACo	onsole
Pending changes exist. They must be activated to take effect.			
	Overview Deployment Plan	Configuration Security Targets Co	ntrol Testing Monitoring Notes
Activate Changes Undo Al Changes	Save		
Domain Structure	Lies this page to view the g	oneral configuration of an Enterprise and	plication, such as its name, the physical path to the application
ISRA_domain p.Frwironment -Deployments	files, the associated deploy	ment plan, and so on. The table at the e	nd of the page lists the modules (such as Web applications and name of the module to view and update its configuration.
Services     Security Realms	Name:	ISRAConsole	The name of this Enterprise Application. More Info
- Second recently recently a- Interoperability a- Diagnostics	Path:	C:\ bea\ user_projects\ domains\ ISRA_domain\ servers\ AdminServer\ upload\ ISRAConsole. ear	The path to the source of the deployable unit on the Administration Server. More Info
	Deployment Plan:	(no plan specified)	The path to the deployment plan document on Administration Server. More Info
How do I	Staging Mode:	(not specified)	The mode that specifies whether a deployment's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. <b>More Info</b>
<ul> <li>Start and stop a deployed Enterprise application</li> <li>Configure an Enterprise application</li> </ul>	Security Model:	DDOnly	The security model that is used to secure a deployed module. More

13. Click Save. The successful upload confirmation screen appears:



14. The system returns to the same page with the message: 'Settings updated successfully' displayed. Click Activate Changes button. The following screen appears:

Ele Edit View Favorites Tools Help	🔇 Back 🔹 🐑 - 💌 😰 🐔	🖌 🔎 Search 🤺 Favorites 🕢 🔗 🦓	) 🗷 - 🖵 🕄
Address Addres	e.porta? nfpb=true& pageLabel=AppAp	plicationOverviewPage&AppApplicationOverview	Portiethandie=com.bea.console.handies.AppDeploymentHandle(%22com.bea:Name
Change Center	Welcome, weblogic	Connected to: ISRA_dom	nain 👦 Home Log Out Preferences 🖾 Record Help AskBEA
View changes and restarts	Home > Summary of Deployments	> ISRA > Summary of Deployments > ISRAC	onsole
Click the Lock & Edit button to modify, add or delete items in this domain.	Messages All changes have been a	ctivated. No restarts are necessary.	
Lock & Edit Release Configuration	Settings for ISRAConsole	1	
Domain Structure	Overview Deployment Plan	Configuration Security Targets Co	ntrol Testing Monitoring Notes
B Environment Deployments Security Realms Denvershilty Denvershilty			
Services     Security Realms	files, the associated deployr EJBs) that are contained in	ment plan, and so on. The table at the e the Enterprise application. Click on the	plication, such as its name, the physical path to the application and of the page lists the modules (such as Web applications and name of the module to view and update its configuration.
Services     Security Realms     Interoperability	files, the associated deployr	ment plan, and so on. The table at the e	nd of the page lists the modules (such as Web applications and
en Servivies -Security Realms (a) Interoperability (a) Diagnostics	files, the associated deploy EJBs) that are contained in Name: Path: Deployment Plan:	ment plan, and so on. The table at the e the Enterprise application. Click on the ISRAConsole C:\ bea\ user_projects\ domains\ ISRA_domain\ servers\ AdminServer\ upload\ ISRAConsole.	nd of the page lists the modules (such as Web applications and name of the module to view and update its configuration. The name of this Enterprise Application. More Info The path to the source of the deployable unit on the Administration
e: Servives -Security Realms e: Interoperability e: Diagnostics	files, the associated deploy EJBs) that are contained in Name: Path: Deployment Plan:	ment plan, and so on. The table at the e the Enterprise application. Click on the ISRAConsole C:\ bea\ user_projects\ domains\ ISRA_domain\ servers\ Adminiserver\ upload\ ISRAConsole. ear	nd of the page lists the modules (such as Web applications and name of the module to view and update its configuration. The name of this Enterprise Application. More Info The path to the source of the deployable unit on the Administration Server. More Info The path to the deployment plan document on Administration

An overview of the deployments made is reflected. The **ISRAConsole.ear** file is successfully deployed.

15. Click **Deployments**. The following screen appears:

Ele Edit View Favorites Tools Help	🌀 Back 🔹 🐑 🕒 😫 ổ	🎾 🔎 Search 🤺 Favorites   🚱 🖓	🖂 - 🔜 💈			
ddress 🛃 http://zenda2:7001/console/consol	/e.portal?_nfpb=true&_pageLabel=AppDe	ploymentsControlPage		~		
WEBLOGIC SERVER						
Change Center	Welcome, weblogic	Connected to: ISRA_dom	ain & Home Log Out Preference	es 🖾 Record Help AskBEA		
/iew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments					
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Deployments	s				
	Control Monitoring					
Lock & Edit Release Configuration	This page displays a list of 2	Java EE applications and stand-alone app	ication modules that have been installer	d to this domain. Installed		
	applications and modules ca name and using the controls	an be started, stopped, updated (redeploy	ed), or deleted from the domain by first	selecting the application		
Domain Structure	name and using the controls	s on uns page.				
	To install a new application	or module for deployment to targets in th	is domain, click the Install button.			
ISRA_domain @-Frwircoment  - <b>Deployments</b>	To install a new application	or module for deployment to targets in th	is domain, click the Install button.			
Environment     Deployments     Services		or module for deployment to targets in th	is domain, click the Install button.			
Frviroement     Deployments     Services     Security Realms	₽ Customize this table	or module for deployment to targets in the	iis domain, click the Install button.			
Environment     Deployments     Services     Services     Interoperability	Customize this table Deployments		is domain, click the Install button.			
Deployments     Services	₽ Customize this table	Start  *  Stop *		ng 1 - 2 of 2 Previous   Next		
Environment     Deployments     Services     Servity Realms     Interoperability	Customize this table Deployments	Start   x   Stop   x   Servicing all requests		Type Deployment		
Environment     Deployments     Services     Services     Interoperability	Customize this table Deployments Instal Update Deite Name *	Start  *  Stop *	Showin	Type Deployment Order		
Environment     Deployments     Services     Services     Interoperability	Customize this table     Deployments     Instal Update Detee	Start   x   Stop   x   Servicing all requests	Showin	Type Deployment		
s: Froitroment - Deployments s: Services - Security Realms s: Interoperability s: Diagnostics	Customize this table Deployments Install Update Delete BitsRA BitsRA BitsRAConsole BitsRACONBACONBACONBACONBACONBACONBACONBACONB	Start   x   Stop   x   Servicing all requests	Showlin State	Type         Deployment Order           Resource Adapter         100           Enterprise         100		
a: Francisconnexet • Deployments a: Services • Services • Interoperability a: Diagnostics	Customize this table     Deployments     Instat     Update     Deite     Mame ~     dilSRA     m glalSRAConsole	Servicing all requests Servicing only administration requests	Showin State Active Prepared	Type         Deployment Order           Resource Adapter         100           Enterprise Application         100		
a: Froitramment     a: Froitramment     beployments     Services     Services     Interoperability     iblognostics	Customize this table Deployments Install Update Delete BitsRA BitsRA BitsRAConsole BitsRACONBACONBACONBACONBACONBACONBACONBACONB	Servicing all requests Servicing only administration requests	Showin State Active Prepared	Type         Deployment Order           Resource Adapter         100           Enterprise         100		

A summary of deployments is reflected on the screen.

16. Select the check box corresponding to **ISRAConsole**, and click **Servicing all requests** from the **Start** drop-down button. The **Start Application Assistant** screen appears:

BEA WebLogic Server Administration	n Console - Microsoft Internet Explorer
Ele Edit View Favorites Tools Help	🔇 Back - 🐑 - 💌 🗟 🏠 🔎 Search 👷 Favorites 🤣 🍰 - 🥁 💈 - 🛄 🏮
Agdress 🜒 http://zenda2:7001/console/console	e. porta?AppGlobalStartPortletreturnTo=AppDeploymentsControlPage&AppDeploymentsControlPortlethandle=com.bea.console.handles.3M04andle4628%22com.bea%3AMa 😿 😰
WEBLOGIC SERVER	
Change Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences Record Help AskBEA
/iew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments
Click the Lock & Edit button to modify, add or delete items in this domain. Cock & Edit Release Configuration Domain Structure SIRA_domain Bendronnowt Deployments Bendronnowt Bend	Start Application Assistant         Yes       No         Start Deployments         You have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel.         ISRAConsole         Yes         Yes
ow do L	
Done	Set Local intranet

17. Click **Yes** to start the deployment of the **ISRAConsole.ear** file. The **Summary of Deployment** screen appears:

Ele Edit View Favorites Tools Help	🔇 Back • 🗊 · 🖹 🖻 🏠 🔎 Search 👷 Favorites 🤣 🍰 = 冯 😫			
(dress 🕘 http://zenda2:7001/console/console	.porta?_nfpb=true&_pageLabel=AppDeploymentsControlPage			
w changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of D	reployments		
ck the Lock & Edit button to modify, d or delete items in this domain.	Messages Start requests have been sent to the selected Deployments.			
Lock & Edit Release Configuration	Summary of Deployments			
main Structure	Control Monitoring			
RA_domain -Environment -Deployments	This page displays a list of Java EE applications and stand-alone application modules th applications and modules can be started, stopped, updated (redeployed), or deleted fro name and using the controls on this page.			
Services Security Realms Interoperability Diagnostics	To install a new application or module for deployment to targets in this domain, click th Customize this table	he Install button.		
Services Security Realms Interoperability	To install a new application or module for deployment to targets in this domain, click th		a 1 - 2 of 2	Previous : Next
Services Security Realms Interoperability	To install a new application or module for deployment to targets in this domain, click th   Customize this table  Deployments		Tune	Previous   Next Deployment Order
Services Security Realms Interoperability Diagnostics	To install a new application or module for deployment to targets in this domain, click th  Customize this table Deployments  Instal Update Detee Search Search Search	Showin	Туре	Deployment
Services Security Realms Interoperability Diagnostics w do L Install an Enterprise application oringure an Enterprise application	To install a new application or module for deployment to targets in this domain, click th  Customize this table  Deployments  Install Update Dekte Security Security  Name +	Showin State	Type Resource Adapter	Deployment Order
Services Security: Realms Interoperability Diagnostics	To install a new application or module for deployment to targets in this domain, click th  Customize this table  Deployments  Name   Bitstal  Bitst	Showin State Active	Type Resource Adapter Enterprise Application	Deployment Order 100

The **Status** of the deployed file changes to **Active**. The confirmation message: *'Start requests have been sent to the selected Deployments'* is displayed.

# Deploying the ISRA Console and Sample Application in a Clustered Environment

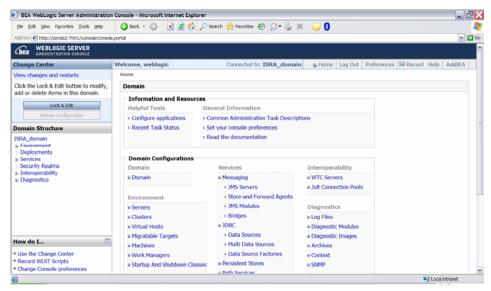
This section describes how to deploy the ISRA Console and Sample Application on a WebLogic Server to access ISRA in a managed environment. It is assumed that ISRA is deployed and configured for the target IS.

Before deploying the ISRA Console and Sample Application through the WebLogic Server Administration Console, ensure WebLogic Administration Server is running, else, start the Administration server as explained in the <u>Deploying ISRA in a Standalone Environment</u> section.

1. Start the administrative console. Open a browser window and enter the WebLogic admin console URL http://<hostname>:<portnumber>/console.

A WebLogic Server Administration Console - Microsoft Internet Explorer	
Edit View Ryvorites Iools Help 🛛 🕝 Back - 🜍 - 🗷 🗟 🏠 🔎 Search 👷 Favorites 🤣 🔗 - چ 🗟 - 📁 🕄	
ss 🛃 http://zenda2:7001/console/login/LoginForm.jsp	
WEBLOGIC SERVER	
Log in to work with the WebLogic Server domain	
Username: weblogic	
Password:	
Log In	

2. The WebLogic admin console sign on screen appears. Enter the WebLogic admin **Username** and **Password**. Click **Log In** to access the WebLogic admin console. The following screen appears:



#### 3. Click **Deployments**. The following screen appears:

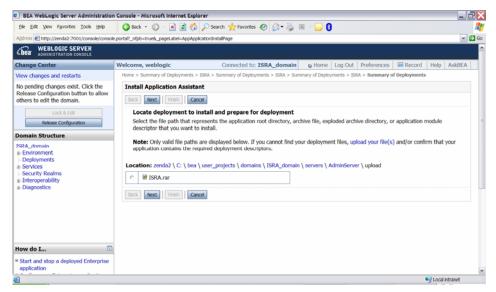
Ele Edit View Favorites Tools Help	🌀 Back 🔹 🐑 🕘 📓 🐔 🔎 Search	👷 Favorites 🕢 🍰 🔹	- 🔜 😫			
Address 🛃 http://zenda2:7001/console/conso	e.portal?_nfpb=true&_pageLabel=AppDeploymentsContr	oPage				~
WEBLOGIC SERVER						
Change Center	Welcome, weblogic	Connected to: ISRA_domain	& Home Log Out Pre	eferences	Record	d Help AskBEA
/iew changes and restarts	Home > Summary of Deployments > ISRA > Summ	ary of Deployments > ISRA > Summa	ry of Deployments > ISRA > Sur	mmary of D	eployments	5
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of Deployments					
	Control Monitoring					
Lock & Edit Release Configuration	This page displays a list of Java EE applic	ations and stand-alone applicati	on modules that have been	installed t	o this dom	ain. Installed
	applications and modules can be started, name and using the controls on this page	stopped, updated (redeployed),				
Domain Structure	name and using the controls on this page					
ISRA domain						
	To install a new application or module for	deployment to targets in this de	omain, click the Install butto	m.		
Environment     Deployments	To install a new application or module for	deployment to targets in this de	omain, click the Install butto	m.		
Environment     Deployments     Services	To install a new application or module for	deployment to targets in this d	omain, click the Install butto	m.		
Environment     Deployments     Services     Servity Realms     Interoperability		deployment to targets in this d	omain, click the Install butto	n.		
Environment     Deployments     Services     Security Realms	₽ Customize this table		main, click the Install butto		1 - 1 of 1	Previous   Next
Environment     Deployments     Services     Servity Realms     Interoperability	Customize this table     Deployments			Showing	1 - 1 of 1 <b>Type</b>	Previous   Next Deployment Order
Environment     Deployments     Services     Servity Realms     Interoperability	Customize this table     Deployments     Install Update Delete Baselaw as			Showing State		Deployment
a: Findinament <b>Deployments</b> a: Services - Services - Interoperability a: Diagnostics	Customize this table     Deployments     Instal Update Delete			Showing State Prepared	Type Resource Adapter	Deployment Order
a: Environment - Deployments a: Services - Security Realms a: Interoperability a: Diagnostics	Customize this table     Deployments     Instal Update Delete			Showing State Prepared	Type Resource Adapter	Deployment Order 100

4. Click **Lock and Edit** button to make the console editable. The following screen appears:

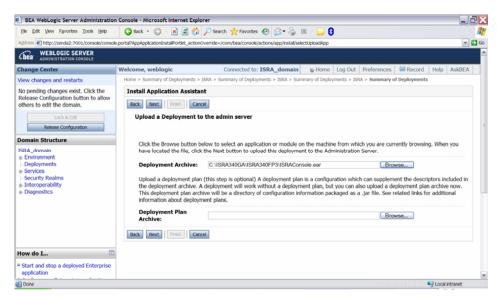
BEA WebLogic Server Administratio	1					
Ele Edit View Favorites Tools Help	🌀 Back 🔹 🐑 - 💌 😫 🕻		us 🚱 🔯 • 🎯 🖻	9 - 🛄 😝		
dress http://zenda2:7001/console/conso	/e.portal?_nfpb=true&_pageLabel=App	DeploymentsControlPage				*
ADMINISTRATION CONSOLE						
Change Center	Welcome, weblogic	Connected t	to: ISRA_domain	Home Log Out Pre	eferences 🛛 🖾 Record 🛛 I	Help AskBEA
/iew changes and restarts	Home > Summary of Deployment	ts > ISRA_domain > Summa	ry of Deployments			
to pending changes exist. Click the Release Configuration button to allow	Summary of Deployment	nts				
others to edit the domain.	Control Monitoring					
Lock & Edit Release Configuration		can be started, stopped,		ation modules that have be ), or deleted from the dom		
Domain Structure ISRA_domain ⊕ Environment → Deployments ⊕ Services	To install a new application	on or module for deploym	ent to targets in this	domain, click the Install bu	itton.	
-Security Realms Interoperability	Deployments					
<ul> <li>Diagnostics</li> </ul>	Instal Update Delete	Sant Stop			Showing 0 - 0 of 0 Pre	evious   Next
	🗆 Name 🔿	State	Туре	Deployment Order		
			There are no iten	ns to display		
	Instal Update Delete	Sarti Stopi			Showing 0 - 0 of 0 Pre	evious   Next
iow do I 🗈	3					
Install an Enterprise application Configure an Enterprise application						
Done	1				•	Local intranet

The **Release Configuration** button, along with the buttons under **Deployment** section is enabled.

5. Under **Deployments** click **Install** button. The **Install Application Assistant** screen appears:



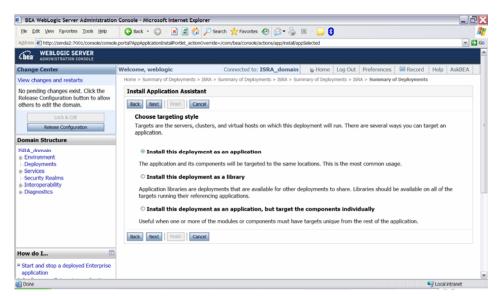
6. Click the upload your file(s) link. The following screen appears:



- 7. Click Browse to select the ISRAConsole.ear file. The ISRAConsole.ear file is located in sample subdirectory of the ISRA installation directory. For example, if user has installed ISRA in C:\fnsw\ISRA (/fnsw/ISRA on UNIX), the ISRAConsole.ear is located in C:\fnsw\ISRA\sample\ (/fnsw/ISRA/sample on UNIX) directory.
- 8. Click **Next** to upload the **ISRAConsole.ear** file. The system may take some time to upload the file. The following screen appears:

BEA WebLogic Server Administration	Console - Microsoft Internet Explorer	
Ele Edit View Favorites Tools Help	🙄 Back + 🙄 - 🖹 🗟 🏠 🔎 Search 👷 Favorites 🛷 🔗 + 🍒 📧 - 📴 💈	1
Address Address Address Address Address	e.porta??AppApplicationInstalPortiet_actionOverride=/com/bea/console/actions/app/instal/uploadApp	🔁 Go
Cibea WEBLOGIC SERVER		^
Change Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences & Record Help AskBE	
View changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRA > Summary of Deployments > ISRA > Summary of Deployments	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Messages  Messages Me	
Lock & Edit	Install Application Assistant	
Release Configuration	Back Next Finish Cancel	
Domain Structure	Locate deployment to install and prepare for deployment	
ISRA_domain @ Environment  -Deployments # Services  -Security Realms @ Interoperability	Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install. <b>Note:</b> Only valid file paths are displayed below. If you cannot find your deployment files, upload your file(s) and/or confirm that your application contains the required deployment descriptors.	
Diagnostics	Location: zenda2 \ C: \ bea \ user_projects \ domains \ ISRA_domain \ servers \ AdminServer \ upload	
	C ild ISRA.rar a ill ISRAConsole.ear Bock Next   Frish   Cancel	
How do I		
Start and stop a deployed Enterprise     application		~
Done	Section 2014 Contract	

9. Select the radio button corresponding to **ISRAConsole.ear**, and click **Next**. The following screen appears:



10. Select the radio button corresponding to **Install this deployment as an application**, if not selected by default, and click **Next.** The following screen appears:

BEA WebLogic Server Administratio		B
Ele Edit View Favorites Iools Help	🔇 Back 🔹 😰 🔸 😰 🏠 🔎 Search 👷 Favorites 🤣 🖾 👻 📴 🗄 📃 🚦	4
Address Address Address Address Address	sole.portal?AppApplcationInstalPortlet_actionOverride=/com/bea/console/actions/app/instal/targetStyleSelected	
Chear WEBLOGIC SERVER		
Change Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences & Record Help AskBE/	VI.
View changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRA > Summary of Deployments > ISRA > Summary of Deployments	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Install Application Assistant  Back Next Fresh Cance  Select deployment targets Select the servers and/or dusters to which you want to deploy this application. (You can reconfigure deployment targets later).	
Domain Structure	Available targets for ISRAConsole	
ISRA_domain #-Environment	Servers	
Deployments	C AdminServer	
Services     Security Realms		
Interoperability	Clusters	
B-Diagnostics	Cluster-0	
	Server-0	
	Server-1	
How do I	Back Next Printh Cancel	
<sup>9</sup> Start and stop a deployed Enterprise application		
Done	S Local intranet	

11. Select the check box corresponding to **Cluster 0**, and click **Next**. The following screen appears:

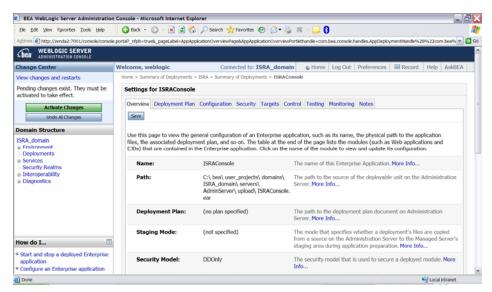
BEA WebLogic Server Administration	n Console - Microsoft Internet Explorer	_ 20
Ele Edit Vew Favorites Tools Help	🔇 Back 🔹 🙄 🐇 🗷 ổ 🔑 Search 👷 Favorites 🔗 🍰 😨 🖓 📴 🕄	_
ddress 🕘 http://zenda2:7001/console/console	e.porta?AppApplcationInstalPortlet_actionOverride=/com/bea/console/actions/app/instal/applcationTargetsSelected	🛩 🛃 G
nunge venter	Europeanet uenetine environment Aurone i en anti-uenene	
lew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRA > Summary of Deployments > ISRA > Summary of Deployments	
No pending changes exist. Click the	Install Application Assistant	
Release Configuration button to allow thers to edit the domain.	Back Next Finish Cancel	
Lock & Edit	Optional Settings	
Release Configuration	You can modify these settings or accept the defaults	
omain Structure	General	
SRA_domain	General	
e-Environment	What do you want to name this deployment?	
Deployments		
<ul> <li>Services</li> <li>Security Realms</li> </ul>	Name: ISRAConsolo	
<ul> <li>Interoperability</li> </ul>	- Security	
Diagnostics	security	
	What security model do you want to use with this application?	
	$^{\odot}$ DD Only: Use only roles and policies that are defined in the deployment descriptors.	
	O Custom Roles: Use roles that are defined in the Administration Console; use policies that are defined in the	e deploymen
	$^{\odot}$ Custom Roles and Policies: Use only roles and policies that are defined in the Administration Console.	
tow do I 🗔	O Advanced: Use a custom model that you have configured on the realm's configuration page.	
Start and stop a deployed Enterprise	Source accessibility	
application Configure an Enterprise application	How should the source files be made accessible?	
Configure an Enterprise application Create a deployment plan	How should the source mes of mode accessioner	
	1) Hea the defaulte defined by the dealowment's targets	>
Dana		< A line of the second of the

This screen displays the optional settings of the deployed file.

12. Retain the default settings, and click **Next**. The following screen appears:

BEA WebLogic Server Administration	Console - Microsoft Internet Ex	plorer	2 🔀
Ele Edit Vew Favorites Tools Help	🔇 Back 🔹 🐑 🗉 📓 🤮	🏠 🔎 Search 👷 Favorites 🤣 🎯 - 🌄 💈 🗉 🗧	<b></b>
Address Address Address Address	.portai?AppApplicationInstalPortiet_act	ionOverride=/com/bea/console/actions/app/install/saveIdentity	💌 🛃 Go
View changes and restarts	Home > Summary of Deployments	s > ISRA > Summary of Deployments > ISRA > Summary of Deployments	^
No pending changes exist. Click the	Install Application Assis	tant	
Release Configuration button to allow others to edit the domain.	Back Next Finish C	ancel	
Lock & Edit	Review your choices	and click Finish	
Release Configuration	Click Finish to complete	the deployment. This may take a few moments to complete.	
Domain Structure	— Additional configura	tion	_
ISRA_domain B-Environment I-Deployments B-Services I-Security Realms B-Interoperability	configuration after com	ssfully, this application may require additional configuration. Do you want to review this application's pleting this assistant? he deployment's configuration screen.	
Diagnostics	○ No, I will review	the configuration later.	
	- Summary		- 11
	Deployment:	$C: \label{eq:c:bealuser_projects} C: \label{eq:c:c:bealuser_projects} C: \label{eq:c:c:bealuser_projects} C: \label{eq:c:bealuser_projects} C: \label{eq:c:bealuser_projects} C: \label{eq:c:bealuser_projects} C: \label{eq:c:bealuser_projects} C: \label{eq:c:bealuser_projects} C: \label{eq:c:bealuser_projects} C: \label{eq:c:c:bealuser_projects} C: \label{eq:c:c:bealuser_projects} C: \label{eq:c:c:bealuser_projects} C: eq:c:c:c:c:c:c:c:c:c:c:c:c:c:c:c:c:c:c:c$	
	Name:	ISRAConsole	
	Staging mode:	Use the defaults defined by the chosen targets	
How do I   Start and stop a deployed Enterprise	Security Model:	DDOnly: Use only roles and policies that are defined in the deployment descriptors.	
application	Customize this table		
Configure an Enterprise application Create a deployment plan	Target Summary		
Target an Enterprise application to a			

13. Retain the default settings, and click **Finish**. The following screen appears:

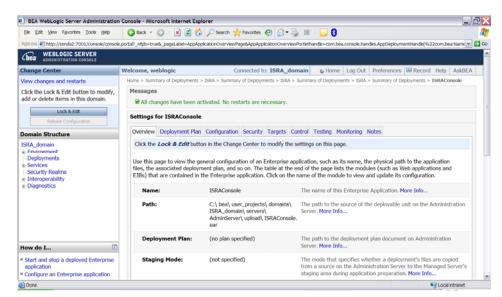


14. Click **Save**. The successful upload confirmation screen appears:

Ele Edit View Favorites Tools Help	🔇 Back + 🐑 - 💌 😰 🎸	🔎 Search 🤺 Favorites 🕢 🔗 📲	i 🗉 - 🖵 🕄	
Address 🛃 http://zenda2:7001/console/console.	porta?_nfpb=true&_pageLabel=AppAp	plcationOverviewPage8AppApplcationOverviewA	Portlethandle=com.bea.console.handles.AppDepkymentHandle%28%22com.b	ea% 🛩 🛃
View changes and restarts	Home > Summary of Deployments :	> ISRA > Summary of Deployments > ISRA > 1	Summary of Deployments > ISRA > Summary of Deployments > ISRACons	ole
Pending changes exist. They must be activated to take effect.	Messages Settings updated success		annae y a achaineann - mar - annae y a achainean - <b>cuaraon</b> a	
Activate Changes Undo Al Changes	Settings for ISRAConsole	1		
Domain Structure	Overview Deployment Plan	Configuration Security Targets Co	ntrol Testing Monitoring Notes	
© Environment  - Deployments © Services  - Security Realms @ Interoperability @ Diagnostics	files, the associated deployr	nent plan, and so on. The table at the e	plication, such as its name, the physical path to the application of the page lists the modules (such as Web applications and name of the module to view and update its configuration. The name of this Enterprise Application. More Info	
	Path:	C:\ bea\ user_projects\ domains\ ISRA_domain\ servers\ AdminServer\ upload\ ISRAConsole. ear	The path to the source of the deployable unit on the Administra Server. More Info	tion
		(an also as alfa d)	The path to the deployment plan document on Administration	
How do I	Deployment Plan:	(no plan specified)	Server. More Info	
How do I	Deployment Plan: Staging Mode:	(not specified)		

The system returns to the same page with the message: 'Settings updated successfully' displayed.

15. Click Activate Changes button. The following screen appears:



An overview of the deployments made is reflected. The **ISRAConsole.ear** file is successfully deployed.

16. Click Deployments. The following screen appears:

Ele Edit View Favorites Tools Help	🕝 Back - 🔘 - 💌 🖉 🏠 🔎 Search 🤺 Favorites 🤣 😒 - 🌄 💈	1
	e.porta?_nfpb=true&_pageLabel=AppDeploymentsControlPage	·
	······································	
ange Center	Welcome, weblogic Connected to: ISRA_domain & Hor	ne Log Out Preferences Record Help AskBEA
w changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary	of Deployments
Click the Lock & Edit button to modify, add or delete items in this domain. Lock & Edt Release Configuration Domain Structure ISRA_domain # Findingments # Services + Security Realms	Summary of Deployments           Control         Monitoring           This page displays a list of Java EE applications and stand-alone application modul applications and modules can be started, stopped, updated (redeployed), or delete name and using the controls on this page.           To install a new application or module for deelowment to targets in this domain. cli	d from the domain by first selecting the application
Deployments Services Security Realms Interoperability	Constant of new opposition of mediane for department of ungets in this domain, on     P Customize this table     Deployments	ck the Install Dutton.
Deployments Services Security Realms Interoperability	P Customize this table	ok me inskall button. Showing 1 - 2 of 2 Previous   Next
Deployments Services Security Realms Interoperability	P Customize this table Deployments	
Deployments Services	Customize this table     Deployments     Initial Update Delete Start # Stop #     Name #     Servicing all requests	Showing 1 - 2 of 2 Previous   Next
Deployments Services Security Realms Interoperability		State         Type         Deployment Order           Arthan         Resource         100

A summary of deployments is reflected on the screen.

17. Select the check box corresponding to **ISRASample**, and click **Servicing all requests** from the **Start** drop-down button. The **Start Application Assistant** screen appears:

BEA WebLogic Server Adminis	tration Console - Microsoft Internet Explorer
	🖉 🔎 Search 👷 Favorites 🤣 🔗 - 🌉
	e/console.portal?AppGlobalStartPortletreturnTo=AppDeploymentsControlPage&AppDeploymentsControlPortlethandle=com.bea.console.han 🗹 🛃 Go 👘 Links
<b>WEBLOGIC SERV</b>	
Change Center	Welcome, weblogic Connected to: ISRAdomain34 🏠 Home Log Out Preferences Help AskBEA
View changes and restarts	Home > Summary of Deployments > ISRAConsole > Summary of Deployments
Click the Lock & Edit button to modify, add or delete items in this domain. Lock & Edit Release Configuration Domain Structure ISRAdomain34 @ Environment - Deployments @ Services	Start Application Assistant         Yes       No         Start Deployments         You have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel.         IFSRAConsole         Yes
-Security Realms ⊕ Theroperability ⊕ Diagnostics No help task found System Status	
Health of Running Servers	
🖹 Done	Second intranet

18. Click **Yes** to start the deployment of the **ISRAConsole.ear** file. The **Summary of Deployments** screen appears:

Ele Edit View Favorites Tools E	Help	onsore	- Microsoft Internet Explorer					
		Search	n 👷 Favorites 🚱 🔗 头 📓 🔹 📙					
Agdress end restarts			nfpb=true&_pageLabel=AppDeploymentsControlPage mary or Deployments > 15KACOnsole > Summary or Deployments			🛩 🄁 Go	; Lin	nks
								1
Click the Lock & Edit button to modify, add or delete items in this domain.		ssage Sta	rs requests have been sent to the selected Deployments.					ſ
Lock & Edit Release Configuration	Su	mmar	y of Deployments					
	C	ontrol	Monitoring					
Domain Structure	т	his pa	ge displays a list of J2EE Applications and stand-alone application	modules that have b	een installed	to this domain.		
Environment     Deployments     Services     Security Realms	т	o insta	III a new application or module for deployment to targets in this de	omain, click the Insta	II button.			
B-Interoperability Diagnostics		Deploy	yments					
⊡-Diagnostics	1	<b>Deploy</b> Instal		Showin	g 1 - 3 of 3	Previous   Next		
				Showin State		Previous   Next Deployment Order		
B-Diagnostics		Insta	I Update Delete Start V Stop V			Deployment		
Diagnostics     Install an Enterprise application     Orofigure an Enterprise     application     Update (redeploy) an Enterprise     application	1	Instal	I Update Delete Stori V Stori V	State	Type Enterprise	Deployment Order		
Diagnostics     Install an Enterprise application     Configure an Enterprise     application     update (redeploy) an Enterprise     application     Jobate (stop deployed     Enterprise application     Monitor the modules of an	1	Insta	ا Update Delete Stort ▼ Stop ▼ Name ↔ B قَتُوَالَا اللهُ	State           Active	Type Enterprise Application Resource	Deployment Order		
Diagnostics     Install an Enterprise application     Configure an Enterprise     application     Update (redeploy) an Enterprise     application     start and stop a deployed	1		Update Delete Storx ▼ Stop ▼ Name ↔ @ jjjpFNImageVlewer @ JSRA @ jjjjpSRAConsole	State       Active       Active       Active	Type Enterprise Application Resource Adapter Enterprise Application	Deployment Order 100 100		

The **Status** of the deployed file changes to **Active**. The confirmation message: *'Start requests have been sent to the selected Deployments'* is displayed.

#### **Using the ISRA Console**

To access the ISRA Console, follow the steps below:

1. Go to the location where the application is available (http://<AppServerName>:

<AppServerPort>/<ApplicationContextRoot>)ApplicationContextRoot is **ISRAConsole.** 

For example : http://9.126.94.39:9088/ISRAConsole/

😻 ISRA Administration - Mozilla Firefox: IBM Edition	n		_ 🗆 🔀
Ele Edit View Higtory Bookmarks Tools Help			*
👍 • 🗼 • 🧭 💿 🏠 📄 http://9.126.94.64:9	080/ISRAConsole/	💌 🕨 💽 • Google	Q.)
📄 IBM Business Transfo 📄 IBM Standard Softwa 📄 Π	'Help Central 🍫 Join World Communit 🛅 IBM		
	ISRA Administration Console		^
	JNDI Name. Submit		
The ISRA Administratio	on console supports IBM Filemet Image Services Resource Adapte (c) 2008 IBM Corporation	r 3.4 Fix Pack 1 and above.	~

2. Enter the JNDI name of the library and click **Submit**.

A page showing the current values configured in the ra.xml is shown along with controls to edit the ISRA logging levels.

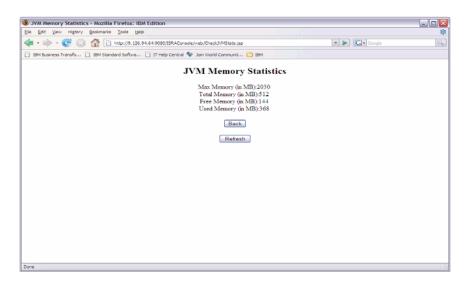
A link has been provided on the page, to access the ISRA Sample Application.

w Higtory Bookmarks Tools Help		
C 📀 🏠 🗋 http://9.126.94.64:90	180/ISRAConsole/DisplayRAServlet	💌 🕨 💽 🕇 Google
Transfo 📄 IBM Standard Softwa 📄 IT I	Help Central 🖤 Join World Communit 🚞 I	BM
ICI	RA Administratio	an Canaala
15	KA Administratio	on Console
Set ISRA Logging	ISRA Release	e Version : ISRA 3.4 Fix Pack 1
© No Logging © Warning and Exceptions Logging	ISCF: Custom	Properties defined in ra.xml
<ul> <li>Information Logging</li> <li>Debug Logging</li> </ul>	Custom Property	Value
C Deoug Logging	IS Domain Name	velocity3
Enable RPC Logging	IS Organisation Name:	IBM
	Product Name	IBM FileNet Image Services Resource Adapter
Change Logging Level	Product Version	ISRA 3.4.0.1 Enterprise
	Cache Refesh Interval (in minutes):	30
	Deployment Instance:	1
View JVM Statistics	Client Code Page:	Cp1252
	Char Set Encoding:	ISO8859_1
	Page Buffer Size (Bytes):	65536
ISRA Sample Application	Log File Name:	ISRA_1_0008.log
	RPC Log File Name:	ISRA_1_0008_RPC.log
	RPC Logging Mode:	0

Changes to the logging level settings are applied to ISRA with immediate effect. The changes to logging levels are updated in the properties displayed on the screen.

The changes are valid till the application server is recycled. When the application server is restarted the log level settings specified in the ra.xml are used.

3. The JVM statistics can be used to study the memory usage in the Application Server JVM.



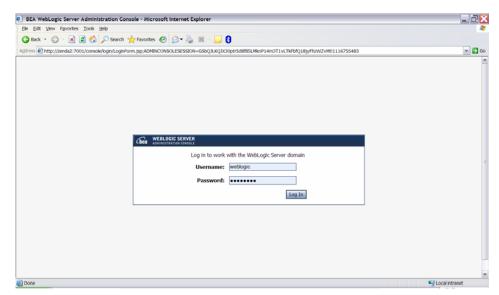
## Deploying IBM FileNet Image Viewer in a Standalone Environment

This section describes how to deploy the IBM FileNet Image Viewer. This viewer is used by the ISRA Sample Application to display documents of specific mime types (TIFF, JPEG and BMP). Skip this section, if you do not want the IBM FileNet Image Viewer configured with the ISRA Sample application.

Before deploying IBM FileNet Image Viewer application through the WebLogic Server Administration Console, ensure that the WebLogic Administration Server is running, else, start the Administration as explained in the beginning of <u>Deploying ISRA in a Standalone Environment</u> section.

To deploy IBM FileNet Image Viewer:

1. Start the administrative console. Open a browser window and enter the WebLogic admin console URL http://<hostname>:<portnumber>/console.



2. The WebLogic admin console sign on screen appears. Enter the WebLogic admin **Username** and **Password**. Click **Log In** to access the WebLogic admin console. The following screen appears:

Ele Edit View Favorites Tools Help					1
🔇 Back + 🐑 - 🖹 🗟 🏠 🔎 Se	sarch 👷 Favorites 🕢 🍰 🛛	🗷 - 🔜 🕄			
Address Address Address Address	le.portal				- D 🖸
Chear WEBLOGIC SERVER					
Change Center	Welcome, weblogic	Connected to: ISRA_domain	B Home Log Out	Preferences 🖾 Record	Help AskBEA
View changes and restarts	Home				
Click the Lock & Edit button to modify,	Domain				
add or delete items in this domain.	Information and Resource	rces			
Lock & Edit	Helpful Tools	General Information			
Release Configuration	Configure applications	Common Administration Task Descript	ions		
Domain Structure	Recent Task Status	> Set your console preferences			
ISRA_domain		<ul> <li>Read the documentation</li> </ul>			
Environment     Deployments					
a Services	Domain Configurations				
-Security Realms #-Interoperability	Domain	Services	Interoperability		
<ul> <li>Diagnostics</li> </ul>	# Domain	<ul> <li>Messaging</li> </ul>	# WTC Servers		
		> JMS Servers	= Jolt Connection Pools		
	Environment	Store-and-Forward Agents			
	# Servers	> JMS Modules	Diagnostics		
	# Clusters	» Bridges	Log Files		
	Virtual Hosts	= JDBC	Diagnostic Modules		
How do I	Migratable Targets	> Data Sources	Diagnostic Images		
	<ul> <li>Machines</li> </ul>	> Multi Data Sources	# Archives		
Use the Change Center     Record WLST Scripts	Work Managers	> Data Source Factories	= Context		
Done	e Chartun And Chutdown Cl-	e Persistent Stores	- CMIMD		Local intranet

3. Click **Deployments**. The following screen appears:

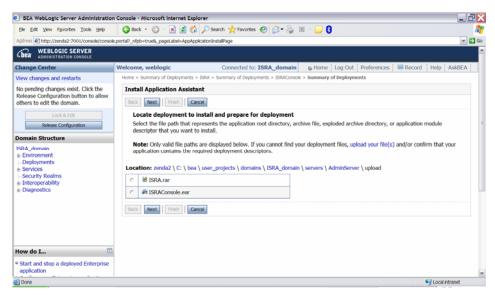
Ele Edit View Favorites Tools Help	🔇 Back • 🔘 · 🖹 🗟 🏠 🔎 Search 👷 Favorites 🤣 🔗 • 🌄 😫 - 🔜 💲			
dress a http://zenda2:7001/console/conso	ole.portal?_nfpb=true&_pageLabel=AppDeploymentsControlPage			¥
bea WEBLOGIC SERVER				
nange Center	Welcome, weblogic Connected to: ISRA_domain & Home Log	Out Preference	s 🔛 Record	d Help AskBE
ew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments	ments		
ick the Lock & Edit button to modify, dd or delete items in this domain.	Summary of Deployments			
Lock & Edt	Control Monitoring			
Release Configuration	This page displays a list of Java EE applications and stand-alone application modules that ha applications and modules can be started, stopped, updated (redeployed), or deleted from the			
omain Structure	name and using the controls on this page.			
ISRA_domain  Environment  Deployments  Services  Security Realms	To install a new application or module for deployment to targets in this domain, click the Ins	stall button.		
-Interoperability Diagnostics	Deployments			
Diagnostics	Instal Update Delete Start Stop	Showin	g 1 - 2 of 2	Previous   Next
	🗆 Name 🚓	State	Туре	Deployment Order
	ØISRA     Sort table by Name	Active	Resource Adapter	100
		Active	Enterprise Application	100
ow do I 🗈	a sijal SRAConsole			
Install an Enterprise application	Instal Update Dette Score	Showin		Previous   Next
Iow do I Install an Enterprise application Configure an Enterprise application Udotate (redeolory) an Enterprise		Showin		Previous <sub>I</sub> Next

4. Click **Lock and Edit** button to make the console editable. The following screen appears:

-	on Console - Microsoft Internet Explorer			
Ele Edit Vew Favorites Tools Help	🚱 Back - 🐑 - 😠 🕿 🏠 🔎 Search 👷 Favorites 🤣 😥 - 🌄 😫			
ddress 🛃 http://zenda2:7001/console/consol	e.porta?_nfpb=true&_pageLabel=AppDeploymentsControlPage			×
bea WEBLOGIC SERVER				
hange Center	Welcome, weblogic Connected to: ISRA_domain & Home Log C	Out Preferences	Record	Help AskBEA
ew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments	loyments		
pending changes exist. Click the	Summary of Deployments			
elease Configuration button to allow hers to edit the domain.	Control Monitoring			
Lock & Edit Release Configuration	This page displays a list of Java EE applications and stand-alone application modules that applications and modules can be started, stopped, updated (redeployed), or deleted from name and using the controls on this page.			
main Structure				
Environment Deployments Services	To install a new application or module for deployment to targets in this domain, click the I P Customize this table	Install button.		
RA_domain Environment Deployments Services Security Realms Interoperability		Install button.		
Environment Deployments Services Security Realms	P Customize this table		g 1 - 2 of 2	Previous   Next
Environment Deployments Services Security Realms Interoperability	Customize this table     Deployments			Previous   Next Deployment Order
Environment Deployments Services Security Realms Interoperability	Customize this table     Deployments     Update Dete Sceniw Sceniw	Showin		Deployment
Environment Deployments Services Services Security: Readmis Interoperability Diagnostics	P Customize this table     Deployments     Name =     WilsRA     wilsRAConsole	Showin State	Type Resource	Deployment Order
Environment Deployments Services Security Realms Interoperability Diagnostics	P Customize this table     Deployments     Name =     WilsRA     wilsRAConsole	Showin State Active Active	Type Resource Adapter Enterprise Application	Deployment Order 100
Environment Deployments Services Security: Realims Interoperability Diagnostics		Showin State Active Active	Type Resource Adapter Enterprise Application	Deployment Order 100 100

The **Release Configuration** button, along with the buttons under **Deployment** section is enabled.

5. Under **Deployments**, click **Install** button. The **Install Application Assistant** screen appears:



6. Click the upload your file(s) link. The following screen appears:

Ele Edit View Favorites Tools Help	🔇 Back 🔹 💭 🐇 📓 🐔 🔑 Search 👷 Favorites 🤣 😥 = چ 📓 👘 🔜 🚦	
ddress Attp://zenda2:7001/console/consol	ole.portal?AppApplicationInstalPortlet_actionOverride=/com/bea/console/actions/app/install/selectUploadApp	¥ 🔁
MEBLOGIC SERVER		
hange Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences & Record	Help AskBEA
/iew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Install Application Assistant           Back         Next         Findh         Cancel	
Lock & Edit Release Configuration Comain Structure ISRA_domain	Upload a Deployment to the admin server  Click the Browse button below to select an application or module on the machine from which you are currently browsin have located the file, click the Next button to upload this deployment to the Administration Server.	ıg. When you
a: Environment - Deployments a: Services - Servity Realms a: Interoperability a: Diagnostics	Deployment Archive:         C:\ISRA340GAUSRA340FP3;FNImageViewer.ear         Browse           Upload a deployment plan (this step is optional) A deployment plan is a configuration which can supplement the described deployment plan achive. A deployment will work without a deployment plan, but you can also upload a deployment plan. This deployment plan achive will be a directory of configuration information packaged as a .jar file. See related links for information about deployment plans.           Deployment Plan         Browse	n archive now.
Deployments Services Security Realms Interoperability	Upload a deployment plan (this step is optional) A deployment plan is a configuration which can supplement the descri the deployment archive. A deployment will work without a deployment plan, but you can also upload a deployment plan This deployment plan achive will be a directory of configuration information packaged as a . Jar file. See related links for information about deployment plans. Deployment Plan Archive: Back Mext [ Tree] ] Conce	n archive now.

- 7. Click Browse to select the FNImageViewer.ear file. The FNImageViewer.ear file is located in sample subdirectory of the ISRA installation directory. For example, if user has installed ISRA in C:\fnsw\ISRA (/fnsw/ISRA on UNIX), the FNImageViewer.ear is located in C:\fnsw\ISRA\sample\ (/fnsw/ISRA/sample on UNIX) directory.
- 8. Click **Next** to upload the **FNImageViewer.ear** file. The system may take some time to upload the file. The following screen appears:

BEA WebLogic Server Administration		_ 2
Ele Edit View Favorites Tools Help	🚱 Back 🔹 💭 🐁 📓 🏠 🔑 Search 👷 Favorites 🤣 🍰 🖷 🕛 🚦	4
Address 🕘 http://zenda2:7001/console/consol	e.porta?_nfpb=true&_pageLabel=AppAppicationInstalPage	👻 🛃 (
Cibea WEBLOGIC SERVER		
Change Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences Record Help A	skBEA
/iew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments	
No pending changes exist. Click the	Install Application Assistant	
Release Configuration button to allow others to edit the domain.	Back Next Frish Cancel	
Lock & Edit	Locate deployment to install and prepare for deployment	
Release Configuration	Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install.	
omain Structure		
SRA_domain	Note: Only valid file paths are displayed below. If you cannot find your deployment files, upload your file(s) and/or confirm that you application contains the required deployment descriptors.	ur
<ul> <li>Environment</li> <li>Deployments</li> </ul>	allinearan cantania an redarea achialinear acamhraia	
Services	Location: zenda2 \ C: \ bea \ user_projects \ domains \ ISRA_domain \ servers \ AdminServer \ upload	
-Security Realms Interoperability	<ul> <li>iiia FNImageViewer.ear</li> </ul>	
Diagnostics	C 😢 ISRA.rar	
	C 🖉 ISRAConsole.ear	
	Back Next Trinh Cancel	
How do I 📧		
Start and stop a deployed Enterprise		
application		

9. Select the radio button corresponding to **FNImageViewer.ear**, and click **Next**. The following screen appears:

BEA WebLogic Server Administration	Console - Microsoft Internet Explorer	- 2×
Ele Edit Vew Favorites Tools Help	🔾 Back - 💿 - 🖹 🗟 🏠 🔎 Search 👷 Favorites 🤣 🍙 - 🌄 🕄	<b></b>
Address Addres	.porta??AppApplicationInstalPortlet_actionOverride=/com/bea/console/actions/app/instal/appSelected	🛩 🛃 Go
Cibea WEBLOGIC SERVER		<u>^</u>
Change Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences & Record Help Ask	BEA :
View changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & f.Ot Release Configuration Domain Structure ISRA_domain # Environments # Security Realms # Interoperability # Diagnostics	Install Application Assistant         Back Next Profile         Back Next Profile         Choose targeting style         Cargets are the servers, clusters, and virtual hosts on which this deployment will run. There are several ways you can target an application.         © Install this deployment as an application         The application and its components will be targeted to the same locations. This is the most common usage.         © Install this deployment as a library       Application libraries are deployments that are available for other deployments to share. Libraries should be available on all of the targets running their referencing applications.	
How do I    Start and stop a deployed Enterprise application	Book Next From Cancel	
a Done	Second Intrane	t

10. Select the radio button corresponding to **Install this deployment as an application**, if not selected by default, and click **Next.** The following screen appears:

BEA WebLogic Server Administration	n Console - Microsoft Internet Explorer	_ 6 2
Ele Edit Vew Favorites Tools Help	🔇 Back + 🙄 - 🗷 🖻 🐔 🔎 Search 👷 Favorites 🤣 🔗 - چ 📧 - 🥃 🕄	4
Address 🛃 http://zenda2:7001/console/console	e.portal?AppApplcationInstalPortlet_actionOverride=/com/bea/console/actions/app/instal/targetStyleSelected	👻 🛃 G
enange venter	Europeanek unexalter Entered on the anti- and an anti- and and anti-	teo i miritecore
View changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments	
No pending changes exist. Click the	Install Application Assistant	
Release Configuration button to allow others to edit the domain.	Back Next Finish Cancel	
Lock & Edit	Optional Settings	
Release Configuration	You can modify these settings or accept the defaults	
Domain Structure	General	
ISRA_domain	General	
<ul> <li>Environment</li> </ul>	What do you want to name this deployment?	
- Deployments - Services		
a-services -Security Realms	Name: FNImageViewer	
<ul> <li>Interoperability</li> </ul>	- Security	
Diagnostics	security	
	What security model do you want to use with this application?	
	$^{\odot}$ DD Only: Use only roles and policies that are defined in the deployment descriptors.	
	O Custom Roles: Use roles that are defined in the Administration Console; use policies that are defined in the	he deploymen
	$^{\odot}$ Custom Roles and Policies: Use only roles and policies that are defined in the Administration Console.	
How do I	O Advanced: Use a custom model that you have configured on the realm's configuration page.	
Start and stop a deployed Enterprise	- Source accessibility	
application Configure an Enterprise application	How should the source files be made accessible?	
Configure an Enterprise application	FIVE SHOULD UP SOULCE THES DE THOUS OCCESSIONE?	
	Ites the defaulte defined by the denloyment's targets	3
Dana		A second al la seconda da seconda seconda da seconda seconda da seconda seconda da seconda seconda da seconda seconda da seconda da seconda da seconda da seconda

This screen displays the optional settings of the deployed file.

11. Retain the default settings, and click Next. The following screen appears:

BEA WebLogic Server Administratio	n Console - Microsoft Internet E	xplorer	_ 2
Ele Edit Vew Favorites Tools Help	🌍 Back 🔹 🐑 🐇 📓 🕯	🏠 🔎 Search 🤺 Favorites 🤣 🔗 👻 🦕 🔟 🔋	4
Address Address http://zenda2:7001/console/conso	le.portai?AppApplicationInstalPortlet_ac	tionOverride=/com/bea/console/actions/app/instal/saveIdentity	💌 🛃 G
Change Center	Welcome, weblogic	Connected to: ISRA_domain & Home Log Out Preferences & Record Help Ask	EA
View changes and restarts	Home > Summary of Deployment	s > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Install Application Assist Back Next Finsh	stant Caroct	
Lock & Edit Release Configuration	Review your choices Click Finish to complete	and click Finish the deployment. This may take a few moments to complete.	
Domain Structure ISRA_domain estimation estimation bound for the second structure estimation estima	© Yes, take me to t	ttion	
	Deployment:	C:\bea\user_projects\domains\ISRA_domain\servers\AdminServer\upload\FNImageViewer.ear	
	Name:	FNImageViewer	
	Staging mode:	Use the defaults defined by the chosen targets	
How do I  Start and stop a deployed Enterprise application Configure an Enterprise application	Security Model: Customize this table Target Summary	DDOnly: Use only roles and policies that are defined in the deployment descriptors.	
Create a deployment plan     Done		Local intranet	

12. Retain the default settings, and click **Finish**. The following screen appears.

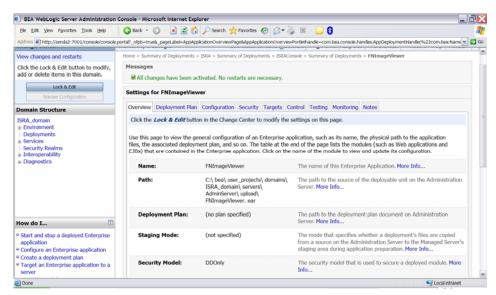
Ele Edit View Favorites Tools Help	🌀 Back 🔹 🐑 🗉 📓 💰	🔓 🔎 Search 🤺 Favorites   🚱 😪	) 🗵 - 🖵 🕄
Address 🕘 http://zenda2:7001/console/conso	/e.portal?_nfpb=true&_pageLabel=AppAp	plcationOverviewPage&AppApplcationOverview	Portiethandie=com.bea.console.handles.AppDeploymentHandle%28%22com.bea%
Cibea WEBLOGIC SERVER			
Change Center	Welcome, weblogic	Connected to: ISRA_doma	in & Home Log Out Preferences Record Help AskBEA
View changes and restarts	Home > Summary of Deployments	> ISRA > Summary of Deployments > ISRACo	nsole > Summary of Deployments > FNImageViewer
Pending changes exist. They must be activated to take effect.	Settings for FNImageView	wer	
Activate Changes	Overview Deployment Plan	Configuration Security Targets Co	ontrol Testing Monitoring Notes
Undo Al Changes	Save		
Domain Structure			
ISRA_domain p-Environment -Deployments	files, the associated deploy	ment plan, and so on. The table at the e	plication, such as its name, the physical path to the application end of the page lists the modules (such as Web applications and name of the module to view and update its configuration.
Services     Security Realms	Name:	FNImageViewer	The name of this Enterprise Application. More Info
<ul> <li>B-Interoperability</li> <li>B-Diagnostics</li> </ul>	Path:	C:\ bea\ user_projects\ domains\ ISRA_domain\ servers\ AdminServer\ upload\ FNImageViewer. ear	The path to the source of the deployable unit on the Administration Server. More Info
	Deployment Plan:	(no plan specified)	The path to the deployment plan document on Administration Server. More Info
How do I	Staging Mode:	(not specified)	The mode that specifies whether a deployment's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info
<ul> <li>Start and stop a deployed Enterprise application</li> <li>Configure an Enterprise application</li> </ul>	Security Model:	DDOnly	The security model that is used to secure a deployed module. More

13. Click **Save**. The successful upload confirmation screen appears:

Ele Edit View Favorites Tools Help	🌀 Back 🔹 🜍 🗉 📓 🔮 🎸	🎧 🔎 Search 🤺 Favorites  🚱 😪 🍦	🖕 🗵 - 🖵 🕄
Agdress 🛃 http://zenda2:7001/console/conso	/e.portal?_nfpb=true&_pageLabel=AppAp	plicationOverviewPage&AppApplicationOverview	Portlethandle=com.bea.console.handles.AppDeploymentHandle%28%22com.bea%
Gea WEBLOGIC SERVER			
Change Center	Welcome, weblogic	Connected to: ISRA_doma	in & Home   Log Out   Preferences   🖾 Record   Help   AskBEA
/iew changes and restarts	Home > Summary of Deployments	> ISRA > Summary of Deployments > ISRACo	nsole > Summary of Deployments > FNImageViewer
Pending changes exist. They must be	Messages		
activated to take effect.	Settings updated succes	sfully.	
Activate Changes Undo Al Changes	Settings for FNImageView	wer	
Domain Structure	Overview Deployment Plan	Configuration Security Targets Co	ontrol Testing Monitoring Notes
ISRA_domain	Save		
Dealermente			
-Security Realms -Interoperability	files, the associated deploy	ment plan, and so on. The table at the	plication, such as its name, the physical path to the application end of the page lists the modules (such as Web applications and name of the module to view and update its configuration.
Services	files, the associated deploy	ment plan, and so on. The table at the	end of the page lists the modules (such as Web applications and
Services     Security Realms     Interoperability	files, the associated deploy EJBs) that are contained in	ment plan, and so on. The table at the the Enterprise application. Click on the	end of the page lists the modules (such as Web applications and name of the module to view and update its configuration.
Services     Security Realms     Interoperability	files, the associated deploy EDBs) that are contained in Name: Path: Deployment Plan:	ment plan, and so on. The table at the i the Enterprise application. Click on the FNImageViewer C:\ bea\ user_projects\ domains\ ISRA_domain\ servers\ AdminServer\ upload\	end of the page lists the modules (such as Web applications and name of the module to view and update its configuration. The name of this Enterprise Application. More Info The path to the source of the deployable unit on the Administration

The system returns to the same page with the message: 'Settings updated successfully' displayed.

14. Click Activate Changes button. The following screen appears:



An overview of the deployments made is reflected. The **FNImageViewer.ear** file is successfully deployed.

15. Click Deployments. The following screen appears;

Ele Edit Yew Favorites Tools Help	🔇 Back 🔹 💿 - 🔳 🗟 🏠 🔎 Search 👷 Favorites 🤣 😥 = 🍒 🗵 - 🔜 🕄			
ddress 🕘 http://zenda2:7001/console/consol	e.porta?_nfpb=true8_pageLabel=AppDepioymentsControlPage			- E
MEBLOGIC SERVER				
hange Center	Welcome, weblogic Connected to: ISRA_domain & Home Log O	out Preferences	Record	Help AskBEA
iew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployment	nts > FNImageViewe	r > Summary o	of Deployments
lick the Lock & Edit button to modify,	Summary of Deployments			
dd or delete items in this domain.	Control Monitoring			
Lock & Edit	This page displays a list of Java EE applications and stand-alone application modules that have	in hear installed	to this domai	e Testallad
Release Configuration	applications and modules can be started, stopped, updated (redeployed), or deleted from the			
omain Structure	name and using the controls on this page.		-	
SRA domain	1			
	To install a new application or module for deployment to targets in this domain, click the Insta	all button.		
Environment	To install a new application or module for deployment to targets in this domain, click the Insta	all button.		
	To install a new application or module for deployment to targets in this domain, click the Inst.	all button.		
Environment     Deployments     Services     Security Realms	To install a new application or module for deployment to targets in this domain, click the Insta	all button.		
Environment     Deployments     Security Realms     Interoperability		all button.		
Environment     Deployments     Services	P Customize this table		g1-3 of 3 P	revious   Next
Environment     Deployments     Security Realms     Interoperability	Customize this table     Deployments     Initial Update Defer Start Stop      Servicing all requests	Showing		revious <sub>i</sub> Next Deployment
Environment     Deployments     Security Realms     Interoperability	Customize this table     Deployments     Initial Update Delete Stop	Showing	Turne C	
Environment     Deployments     Security Realms     Interoperability	Customize this table     Deployments     Instal Upstre Deter Start × Stop ×     Servicing all requests	Showing State	Type C	Deployment
e Fruitranment Deployments 6 Services 5 Security Realms 6 Interoperability 6 Diagnostics	Customize this table      Deployments      Initial Update Oriel Statu Scopie      Name	Showing State Prepared	Type C Enterprise Application 1	Deployment Drder
Environment Deployments Services Security Realms Enteroperability Diagnostics ow do I	Customize this table      Deployments      Initial Update Oriel Statu Scopie      Name	Showing State Prepared Active	Type C Enterprise Application 1 Resource Adapter 1	Deployment Drder
a Francensent Deployments 6 Services 5 Security Realms 6 Interoperability 6 Diagnostics		Showing State Prepared Active	TypeCEnterprise1Application1Resource1Adapter1Enterprise1Application1	Deployment Drder

A summary of deployments is reflected on the screen.

 Select the check box corresponding to FNImageViewer, and click Servicing all requests from the Start drop-down button. The Start Application Assistant screen appears:

bea WEBLOGIC SERVER	Image: Start Application Assistant         Image: Start Application Assistant         Image: Start Application Assistant         Image: Start Application Assistant         Image: Start Deployments         Start Coployments         Yes         Image: Start Deployments         Start Coployments         Yes         Image: Start Deployments         Yes         Yes     <
WEBLOGIC SERVER ApplimisTAXTION CONSOLE hange Center New changes and restarts lick the Lock & Edit button to modify, add or delete items in this domain.	Welcome, weblogic         Connected to: ISRA_domain         Iso Home         Log Out         Preferences         Image: Record         Help         AskBEA         Image: Record
lew changes and restarts Click the Lock & Edit button to modify, dd or delete items in this domain. Lock & Edit Release Configuration	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments > Ritinage/Jewer > Summary of Deployments Start Application Assistant Ves No Start Deployments
Click the Lock & Edit button to modify, dd or delete items in this domain.	Start Application Assistant Yes No Start Deployments
dd or delete items in this domain.	Yes No Start Deployments
Lock & Edt Release Configuration	Start Deployments
Release Configuration	
omain Structure	
SRA_domain Environment	* FNImageViewer
Deployments	Yes No
Services Security Realms	
-Interoperability	
Diagnostics	
ow do I	
No help task found	
vstem Status	

17. Click **Yes** to start the deployment of the **FNImageViewer.ear** file. The **Summary of Deployments** screen appears:

Ele Edit View Favorites Tools Help	🔇 Back • 💭 · 🖹 🙆 🏠 🔎 Search 👷 Favorites 🤣 🍰 • 🌄 😫			
	orta?_nfpb=true8_pageLabel=AppDeploymentsControiPage			
ick the Lock & Edit button to modify, Id or delete items in this domain.	Messages essected Deployments.			
Lock & Edt Release Configuration	Summary of Deployments			
omain Structure	Control Monitoring			
RA_domain Environment Deployments Services	This page displays a list of Java EE applications and stand-alone application modules that have be applications and modules can be started, stopped, updated (redeployed), or deleted from the don name and using the controls on this page.			
Security Realms Interoperability	To install a new application or module for deployment to targets in this domain, click the Install b P Customize this table	utton.		
Security Realms Interoperability Diagnostics		utton.		
Security Realms Interoperability	Customize this table		ng 1 - 3 of 3	Previous   Next
Security Realms Interoperability	Customize this table     Deployments	Showin	ng 1 - 3 of 3 <b>Type</b>	Previous   Next Deployment Order
Security Realms Interoperability Diagnostics	Customize this table Deployments Deter De	Showin	Type	Deployment Order
w do I	Customize this table Deployments Instal Update Dete Dete	Showin State	Type Enterprise Application	Deployment Order
w do I		Showin State Active	Type Enterprise Application Resource Adapter	Deployment Order 100 100

The **Status** of the deployed file changes to **Active**. The confirmation message: *Start requests have been sent to the selected Deployments*' is displayed.

### Deploying IBM FileNet Image Viewer in a Clustered Environment

This section describes how to deploy the IBM FileNet Image Viewer on a clustered environment. This viewer is used by the ISRA Sample Application to display documents of specific mime types (TIFF, JPEG and BMP). Skip this section, if you do not want the IBM FileNet Image Viewer configured with the ISRA Sample application.

Before deploying IBM FileNet Image Viewer application through the WebLogic Server Administration Console, ensure that the WebLogic Administration Server

is running, else, start the Administration as explained in the beginning of <u>Deploying ISRA</u> section.

To deploy IBM FileNet Image Viewer:

1. Start the administrative console. Open a browser window and enter the WebLogic admin console URL http://<hostname>:<portnumber>/console.

A WebLogic Server Administration Console - Microsoft Internet Explorer	
Edit Yew Fgworites Icols Help 🛛 🔇 Back • 🜍 • 😠 😰 🏠 🔎 Search 👷 Favorites 🤣 🔗 • چ 🗵 • 📴 🕃	
s 🕘 http://zenda2:7001/console/login/LoginForm.jsp	💌 🔁
Cibea WEBLOGIC SERVER	
Log in to work with the WebLogic Server domain	
Username: woblogic	
Password:	
Log In	

2. The WebLogic admin console sign on screen appears. Enter the WebLogic admin **Username** and **Password**. Click **Log In** to access the WebLogic admin console. The following screen appears:

Ele Edit Vew Favorites Tools Help	🌀 Back 🔹 🐑 - 📓 🗟 ổ 🎉	🛛 Search 🤺 Favorites 🔣 🍰 🗄	x - 💭 🚯	_2
Address 🛃 http://zenda2:7001/console/consol	e.portal			- D
Chea WEBLOGIC SERVER				
Change Center	Welcome, weblogic	Connected to: ISRA_domain	n & Home   Log Out   Preference	s Record Help AskBEA
/lew changes and restarts	Home			
Click the Lock & Edit button to modify,	Domain			
dd or delete items in this domain.	Information and Resources	5		
Lock & Edit	Helpful Tools	General Information		
Release Configuration	> Configure applications	Common Administration Task Descript	tions	
omain Structure	Recent Task Status	Set your console preferences		
SRA_domain		Read the documentation		
<ul> <li>Environment</li> <li>Deployments</li> </ul>				
Services	Domain Configurations			
-Security Realms -Interoperability	Domain	Services	Interoperability	
Diagnostics	e Domain	<ul> <li>Messaging</li> </ul>	# WTC Servers	
		> JMS Servers	Jolt Connection Pools	
	Environment	<ul> <li>Store-and-Forward Agents</li> <li>MS Modules</li> </ul>		
	= Servers	Bridges	Diagnostics	
	Clusters     Virtual Hosts	# IDBC	Log Files	
	Wirtual Hosts     Wigratable Targets	> Data Sources	Diagnostic Modules     Diagnostic Images	
ow do I	Migradule Targets     Machines	> Multi Data Sources	Archives	
Use the Change Center	Work Managers	> Data Source Factories	• Archives	
Record WLST Scripts	Startup And Shutdown Classe	e Persistent Stores	# SNMP	
Change Console preferences	- Startup And Shatdorni Classe	a Dath Senices	- 510.0	

3. Click **Deployments**. The following screen appears:

BEA WebLogic Server Administratio	n Console - Microsoft Internet Explorer	
Ele Edit View Favorites Tools Help	🔇 Back 🔹 🐑 - 💌 🗟 🏠 🔎 Search 🤺 Favorites 🤣 🔗 - 🌄 🕄	
dress 🛃 http://zenda2:7001/console/conso	e.portal?_nfpb=true&_pageLabel=AppDeploymentsControlPage	*
Bea ADMINISTRATION CONSOLE		
hange Center	Welcome, weblogic Connected to: ISRA_domain & Home Log	Out Preferences Record Help AskBEA
iew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRA > Summary of Deployments > I	SRA > Summary of Deployments
lick the Lock & Edit button to modify,	Summary of Deployments	
add or delete items in this domain.	Control Monitoring	
Release Configuration	This page displays a list of Java EE applications and stand-alone application modules that he applications and modules can be started, stopped, updated (redeployed), or deleted from th name and using the controls on this page.	
RA_domain Frwironment Deployments Services	To install a new application or module for deployment to targets in this domain, click the Ins	itall button.
-Security Realms Interoperability	Customize this table	
Diagnostics	Deployments Install Update Delete Stort Stort	
		Showing 1 - 1 of 1 Previous   Next State Type Deployment Order
	ØISRA	Prepared Resource Adapter 100
ow do I	Instat Update Delete description	Showing 1 - 1 of 1 Previous   Next
Install an Enterprise application Configure an Enterprise application Update (redeploy) an Enterprise		
opuate (receptoy) an citterprise		

4. Click **Lock and Edit** button to make the console editable. The following screen appears:

Ele Edit View Favorites Iools Help	🔇 Back 🔹 🔘 🐁 🗟 🐔 🔎 Search 👷 Favo	ntes 🚱 🍰 🔌 🗵 - 📒 🖇	
dress 🛃 http://zenda2:7001/console/conso	e.porta?_nfpb=true&_pageLabel=AppDepioymentsControlPage		v
Dea ADMINISTRATION CONSOLE			
hange Center	Welcome, weblogic Connected	d to: ISRA_domain & Home Log Out Pro	eferences Record Help AskBEA
/iew changes and restarts	Home > ISRAConsole > Summary of Deployments > ISRA > (3.4.0_Fixpack3,isr400.029) > Summary of Deployments > 1		
io pending changes exist. Click the elease Configuration button to allow thers to edit the domain.	Summary of Deployments	Ske(Set0_repackSeret00029) > Summary of Deploym	circs
Lock & Edit	Control Monitoring		
Release Configuration		and stand-alone application modules that have be d, updated (redeployed), or deleted from the dom	
SRA_domain ): Environment Deployments	To install a new application or module for deploy	ment to targets in this domain, click the Install bu	itton.
Services Security Realms	Customize this table		
Services Security Realms Interoperability	Customize this table Deployments		
Services Security Realms Interoperability			Showing 0 - 0 of 0 Previous   Next
Services Security Realms Interoperability	Deployments	Type Deployment Order	Showing 0 - 0 of 0 Previous   Next
Services     Security Realms     Interoperability	Deployments Instal Update Delete Serie Scole	Type Deployment Order There are no items to display	Showing 0 - 0 of 0 Previous   Next
- Services Security Realms Interoperability	Deployments Instal Update Delete Serie Scole		Showing 0 - 0 of 0 Previous   Next Showing 0 - 0 of 0 Previous   Next
e Services Security Realms E Interoperability e Diagnostics	Deployments Instal Update Dekte State		
e Services Security Realms E Interoperability e Diagnostics	Deployments Instal Update Dekte State		
iis Services I–Security Realms is Interoperability is Diagnostics	Deployments Instal Update Dekte State		

The **Release Configuration** button, along with the buttons under **Deployment** section is enabled.

5. Under **Deployments** click **Install** button. The **Install Application Assistant** screen appears:

BEA WebLogic Server Administration	Console - Microsoft Internet Explorer			_ 2 2
Ele Edit View Favorites Tools Help	🔇 Back 🔹 🜍 🗉 🖹 😰 🏠 🔎 Search 😜	🕂 Favorites 🕢 🍰 🛛	a - 🖵 🕄	
Address 🛃 http://zenda2:7001/console/consol	porta?_nfpb=true&_pageLabel=AppApplicationInstalPag	e		💌 🛃 G
Cibea WEBLOGIC SERVER				
Change Center	Welcome, weblogic Cor	nected to: ISRA_domain	& Home Log Out Preferences Record He	hp AskBEA
View changes and restarts No pending changes exist. Click the	Home > ISRAConsole > Summary of Deployments > (3.4.0_Fixpack3,isr400.029) > Summary of Deploym		s > Summary of Environment > Summary of Deployments > ISRA (029) > Summary of Deployments	
Release Configuration button to allow others to edit the domain.	Install Application Assistant Back Next   Frish   Cancel Locate deployment to install and p	ranna fas danlaumant		
Release Configuration Domain Structure			hive file, exploded archive directory, or application mode	ule
ISRA_clomain B Environment Deployments B Services Services	Note: Only valid file paths are displayed application contains the required deploy Location: zenda2 \ C: \ bea \ user_project	ment descriptors.	ur deployment files, upload your file(s) and/or confirm t \ servers \ AdminServer \ upload	hat your
<ul> <li>B Interoperability</li> <li>B Diagnostics</li> </ul>	C B ISRA.jar			
How do I 💿				
9 Start and stop a deployed Enterprise				
application				
a			S 10	ocal intranet

#### 6. Click the upload your file(s) link. The following screen appears:

WEBLOGIC SERVER         Change Center       Welcome, weblogic       Connected to: ISRA_domain       © Home       Log Out       Preferences       El Record       Help       AskBEA         View changes and restarts       No pending changes exist. Click the elevation ballow of Deployments > ISRA - Summary of Deployments > ISRA       Summary of Deployments > ISRA       Summary of Deployments > ISRA         Release Configuration button to allow other to allow other to allow others to edit the domain.       Image Configuration       Deployment to the admin server         Domain Structure       Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located the file, click the Next button to upload this deployment to the Administration Server.         Deployments       StrXCast Strat         Servicts       Click weathing than achine transment will work which a deployment plan achine transment will work which a deployment plan achine achine provement will work which a deployment plan achine will be a directory of configuration information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged	BEA WebLogic Server Administration	Console - Microsoft Internet Explo	rer		_ 2
WEBLOGIC SERVER         Weblogic       Connected to: ISRA_domain       © Home       Log Out       Preferences       @ Record       Help       AskBEA         No pending charges exist.       Welcome, weblogic       Connected to: ISRA_domain       © Home       Log Out       Preferences       @ Record       Help       AskBEA         No pending charges exist.       Click to allow       Summary of Deployments > SSRA. > Summary of Deployments > SSRA       Summary of Deployments > SSRA         Release Configuration buttors to allow       Lock & Esit       Upload a Deployment to the admin server         Domain Structure       Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located the file, click the Next buttors to upload this deployment to the Administration Server.         Deployment S       Services       Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located the file, click the Next button to upload this deployment to the Administration Server.         Deployment S       Services       Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located the file, click the Next button to upload this deployment to the Administration Server.         Deployment S       Services       Click the Browse will work whutout a deployment plane is a configuration which can supplement the descriptors included in the	Ele Edit View Favorites Tools Help	🔇 Back 🔹 🐑 · 💽 🗟 🏠	🔎 Search 🤺 Favorites 🕢 🍰	🗵 - 🖵 🕄	
UBB       Additional Transmission         Shappe Center       Welcome, weblogic       Connected to: ISRA_domain       © Home   Log Out   Preferences   Ed Record   Help   AskBEA         Alexer changes and restarts       Welcome, weblogic       Connected to: ISRA_domain       © Home   Log Out   Preferences   Ed Record   Help   AskBEA         New changes exist. Click the Release Configuration button to allow       Thest   Application Assistant       Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located the file, click the Next button to upload this deployment plan to the Administration Server.         Deployments       Services       Environment be chargement and top a deployment plan (this tesp is optional) A deployment plan bis a configuration which can supplement the descriptors included in the deployment plan achive will be a directory of configuration information packaged as a Jar file. See related links for additional information about deployment plans.         Deployment Flan Archive:       Finit Iccoce         Start and stop a deployed Enterprise application       Finit Iccoce	Address 🕘 http://zenda2:7001/console/console	.porta@AppApplicationInstalPortlet_actionC	>verride=/com/bea/console/actions/app/install/sel	ectUploadApp	× 🗗
Advert changes and restarts       None > ISRAConsole > Summary of Deployments > SBA > Summary of Deployments > Summary of Deployment plans the Not Summary of Deployment to the Administration Server.         Deployment Server       Deployment Plan Chive will be a directory of configuration information packaped as a Jar file. See related links for additional information packaped as a Jar file. See related links for addi	WEBLOGIC SERVER				
Wo pending changes exist. Click the   Release Configuration button to allow   Lock & GM   Release Configuration button to allow   Lock & GM   Release Configuration button to allow   Lock & GM   Release Configuration button to allow   Demain Structure   SRA_Annum   Deployment &   Deployment &   Services   Services   Services   Deployment Archive:   Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located the file, click the Next button to upload this deployment to the Administration Server.   Deployment &   Services	Change Center	Welcome, weblogic	Connected to: ISRA_domain	Home Log Out Preferences Record	Help AskBEA
Release Configuration button to allow         Lock & Edit         Lock & Edit         Release Configuration         Intell Application Assistant         Upload a Deployment to the admin server         Deployments         Deployments         Services         Services         Deployments         Deployment Archive:         Upload a deployment plan (this step is optional) A deployment plan is configuration which can supplement the descriptors included in the deployment plan archive will be a directory of configuration information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information packaged as a Jar file. See related links for additional information about deployment plans.         Deployment Tala       Time I Cance         Start and stop a deployed Entreprise application       Time I Cance					ISRA
main Structure         SR J.dmain         Environment         Deployments         Services         Security Realms         Upload deployment plan (this step is optional) A deployment plan, but you can also upload a deployment the deployment tail work without a deployment plan, but you can also upload a deployment plan archive will be a directory of configuration information packaged as a Jar file. See related links for additional information about deployment Plans.         Deployment Archive:       Environment         Dignostics       Dignostics	telease Configuration button to allow thers to edit the domain.	Back Next Finish Canc	zet		
Security Realms Interoperability Diagnostics Upload a deployment plan (this step is optional) A deployment plan is a configuration which can supplement the descriptors included in the deployment plan archive at deployment will work without a deployment plan, but you can also upload a deployment plan archive now. This deployment plan archive will be a directory of configuration information packaged as a Jar file. See related links for additional information about deployment plans. Deployment Plan Archive: Back Next Trick Level Cance	SRA_domain - Environment - Deployments	have located the file, click	the Next button to upload this deployme	ent to the Administration Server.	ing. When you
Archive: Back Next Fresh Cance Start and stop a deployed Enterprise application	<ul> <li>Interoperability</li> </ul>	the deployment archive. A This deployment plan arch	deployment will work without a deployn ive will be a directory of configuration in	nent plan, but you can also upload a deployment pl	an archive now.
tow do I  Start and stop a deployed Enterprise application		Archive:		Browse	
	Start and stop a deployed Enterprise	Back Next Frish Cano	2		
Done Sector Constraints					Second Intranet

- 7. Click Browse to select the FNImageViewer.ear file. The FNImageViewer.ear file is located in sample subdirectory of the ISRA installation directory. For example, if user has installed ISRA in C:\fnsw\ISRA (/fnsw/ISRA on UNIX), the FNImageViewer.ear is located in C:/fnsw/ISRA/sample/ (/fnsw/ISRA/sample on UNIX) directory.
- 8. Click **Next** to upload the **FNImageViewer.ear** file. The system may take some time to upload the file. The following screen appears:

BEA WebLogic Server Administration	n Console - Microsoft Internet Explorer	_22
Ele Edit View Favorites Tools Help	🔇 Back 🔹 💭 - 💌 🖻 🏠 🔎 Search 🤺 Favorites 🤣 🍰 🖷 - 🔜 🏮	_
Address 🛃 http://zenda2:7001/console/conso	le.porta?_nfpb=true8_pageLabel=AppApplicationInstalPage	👻 🛃 Go
Chear WEBLOGIC SERVER		
Change Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences & Record Help AskB	EA
View changes and restarts No pending changes exist. Click the	Home > ISRAConsole > Summary of Deployments > ISRA > Summary of Deployments > Summary of Environment > Summary of Deployments > ISRA (3.4.0_Texpadd).ar400.029) > Summary of Deployments > ISRA(3.4.0_Fexpadd).ar400.029) > Summary of Deployments	
Release Configuration button to allow	Install Application Assistant	
others to edit the domain.	Back Next Frish Cancel	
Lock & Edit Release Configuration	Locate deployment to install and prepare for deployment Select the file path that represents the application root directory, archive file, exploded archive directory, or application module	
Domain Structure	descriptor that you want to install.	
ISRA_domain @-Environment  -Deployments @-Services  -Security Realms	Note: Only valid file paths are displayed below. If you cannot find your deployment files, upload your file(s) and/or confirm that your application contains the required deployment descriptors.  Location: zenda2 \ C: \ bea \ user_projects \ domains \ ISRA domain \ servers \ AdminServer \ upload	
Interoperability     Diagnostics	C in FNImageViewer.ear	
<ul> <li>Diagnostics</li> </ul>	⊂ li ISRA.jar	
	Bock Next Frish Cancel	
How do I		
<sup>a</sup> Start and stop a deployed Enterprise application		G
Done	S Local Intrans	

9. Select the radio button corresponding to **FNImageViewer.ear**, and click **Next**. The following screen appears:

BEA WebLogic Server Administration	Console - Microsoft Internet Explorer	_ 2 🔀
Ele Edit View Favorites Itools Help	🔾 Back • 🕲 - 💌 🖻 🟠 🔎 Search 👷 Favorites 🤣 🔗 = چ 📧 - 🥃 🕄	<u></u>
Address Attp://zenda2:7001/console/console	porta??AppApplicationInstalPortlet_actionOverride=/com/bea/console/actions/app/instal/appSelected	💌 🛃 Go
Coa WEBLOGIC SERVER		^
Change Center	Welcome, weblogic Connected to: ISRA_domain 😰 Home Log Out Preferences 🖾 Record Help Ask	BEA
View changes and restarts	Home > ISRAConsole > Summary of Deployments > ISRA > Summary of Deployments > Summary of Environment > Summary of Deployments > ISRA (3.4.0_fixpack3,8r400.029) > Summary of Deployments > ISRA(3.4.0_fixpack3,8r400.029) > Summary of Deployments	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Stit Reisse Configuration Domain Structure ISRA_domain # Environment - Deployments # Services - Security Realms # Interoperability # Diagnostics Mow do L	Install Application Assistant         Install Application Assistant         Image: Install Application Style         Choose targeting style         Targets are the servers, clusters, and virtual hosts on which this deployment will run. There are several ways you can target an application.         Image: Install this deployment as an application         The application and its components will be targeted to the same locations. This is the most common usage.         Image: Install this deployment as a library         Application libraries are deployments that are available for other deployments to share. Libraries should be available on all of the targets running their referencing applications.         Image:	
a) Done	📢 Local intran	

10. Select the radio button corresponding to **Install this deployment as an application**, if not selected by default, and click **Next.** The following screen appears:

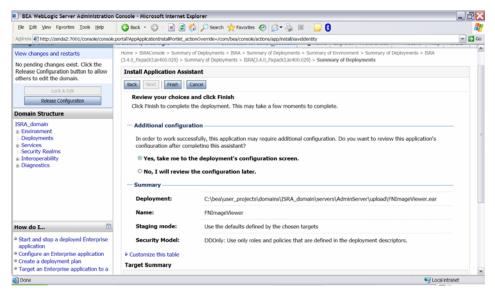
Ele Edit View Favorites Tools Help	🔇 Back 🔹 🕥 🗉 🖹 🖉 🐔 🔎 Search 👷 Favorites 🤣 🍰 🖷 😓 🚦	1
	ole.porta?AppApplicationInstalPortiet_actionOverride=/com/bea/console/actions/app/instal/targetStyleSelected	- D
	action an Adhard hard and action uses a construction and action ad add is reading a construction of	
Cor WEBLOGIC SERVER		
hange Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences	cord Help AskBEA
/iew changes and restarts	Home > ISRAConsole > Summary of Deployments > ISRA > Summary of Deployments > Summary of Environment > Summary of Deployments > (3.4.0_Fxpack3,8r400.029) > Summary of Deployments > ISRA(3.4.0_Fxpack3,8r400.029) > Summary of Deployments	ients > ISRA
to pending changes exist. Click the		
telease Configuration button to allow thers to edit the domain.	Install Application Assistant	
Lock & Edit	Back Next Finish Cancel	
Release Configuration	Select deployment targets	
	Select the servers and/or clusters to which you want to deploy this application. (You can reconfigure deployment	targets later).
Iomain Structure	Available targets for FNImageViewer	
SRA_domain Environment	Servers	
Deployments	AdminServer	
Services Security Realms	L Adminiserver	
Interoperability Diagnostics	Clusters	
	☑ Cluster-0	
	<ul> <li>All servers in the cluster</li> </ul>	
	O Part of the cluster	
	Server-0	
	Server-1	
low do I	Back Next Finish Cancel	
Start and stop a deployed Enterprise application		

11. Select the check box corresponding to **Cluster 0**, and click **Next**. The following screen appears:

8 BEA WebLogic Server Administ	ration Console - Mozilla Firefox
Ele Edit Yew Higtory Bookmarks	Took Reb
🔇 🖂 - C 🗙 🏠 🗋	http://localhost:7001.konsole.konsole.portal?AppAppikationInstalPortiet_actionOverride=(kons/bea/konsole/actions/app/Instal/targetStyleSelected 🏠 - 🔀 - Coople 🖉
Most Visited P Getting Started 🔊 La	atest Headines
Google	💌 🖸 Search + 🖗 🖚 🎽 👷 Boolemarks- 🌾 Check - 🔨 AutoLink 🛜 AutoLink 🚱 Sectors
Chea WEBLOGIC SERV	ER /
Change Center	Welcome, weblogic Connected to: ISRA341 & Home Log Out Preferences Help AskBEA
View changes and restarts	Home > Summary of Deployments
No pending changes exist. Click	Install Application Assistant
the Release Configuration button to allow others to edit the domain.	Back Next Print Carcel
Lock & Edit Release Configuration	Optional Settings You can modify these settings or accept the defaults
Domain Structure	· General ······
ISRA341 @-Environment	What do you want to name this deployment?
Deployments     Services	Name: FNImageViewor
Security Realms Interoperability Diagnostics	· Security
How do L	What security model do you want to use with this application?
Start and stop a deployed	ODOnly: Use only roles and policies that are defined in the deployment descriptors.
Enterprise application	CustomRoles: Use policies that are defined in the deployment descriptor. Create custom role mappings later.
Configure an Enterprise application Create a deployment plan	O CustomRolesAndPolicies: Ignore all roles and policies in deployment descriptors. Create custom roles and policies later.
Target an Enterprise application to a server	Advanced: Use a custom model that you have configured on the realm's configuration page.
<ul> <li>Test the modules in an Enterprise application</li> </ul>	Source accessibility
System Status	How should the source files be made accessible?
	Our of the second s
Health of Running Servers	Recommended selection.
Failed (0)	Copy this application onto every target for me
Critical (0)	During deployment, the files will be copied automatically to the managed servers to which the application is targeted.
Overloaded (0)	
Warn (0) Done	O I will make the deployment accessible from the following location
U UNIE	

This screen displays the optional settings of the deployed file.

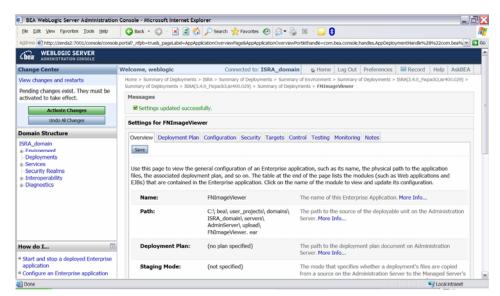
12. Retain the default settings, and click Next. The following screen appears:



#### 13. Retain the default settings, and click Finish. The following screen appears:

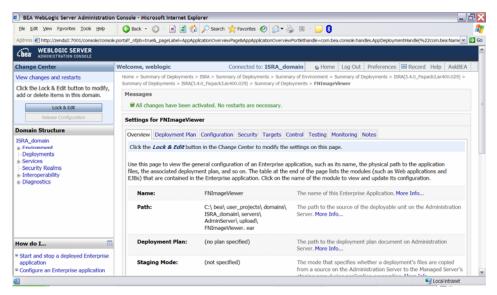
Ele Edit View Favorites Tools Help	🔾 Back + 🐑 - 🖹 😫 🎸	🌡 🔎 Search 🤺 Favorites 🔣 🍰 💐	🖕 🖂 - 🦵 🚯
Agdress 🛃 http://zenda2:7001/console/conso	ie.portal?_nfpb=true&_pageLabel=AppAp	plicationOverviewPage&AppApplicationOverview	Portlethandle=com.bea.console.handles.AppDeploymentHandle%28%22com.bea%
WEBLOGIC SERVER			
Change Center	Welcome, weblogic	Connected to: ISRA_doma	in & Home Log Out Preferences Record Help AskBEA
/iew changes and restarts	Home > Summary of Deployments	> ISRA > Summary of Deployments > ISRACo	nsole > Summary of Deployments > FNImageViewer
Pending changes exist. They must be activated to take effect.	Settings for FNImageView	wer	
	Overview Deployment Plan	Configuration Security Targets Co	ontrol Testing Monitoring Notes
Activate Changes Undo Al Changes	Save		
Oomain Structure	Use this page to view the e	anaral configuration of an Enterneise an	plication, such as its name, the physical path to the application
SRA_domain = Environment - Deployments	files, the associated deployr	ment plan, and so on. The table at the e	pication, such as its name, the physical path to the application and of the page lists the modules (such as Web applications and name of the module to view and update its configuration.
<ul> <li>Services</li> <li>Security Realms</li> </ul>	Name:	FNImageViewer	The name of this Enterprise Application. More Info
Interoperability     Diagnostics	Path:	C:\ bea\ user_projects\ domains\ ISRA_domain\ servers\ AdminServer\ upload\ FNImageViewer. ear	The path to the source of the deployable unit on the Administration Server. More Info
	Deployment Plan:	(no plan specified)	The path to the deployment plan document on Administration Server. More Info
tow do I	Staging Mode:	(not specified)	The mode that specifies whether a deployment's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info
Start and stop a deployed Enterprise application	Security Model:	DDOnly	The security model that is used to secure a deployed module. More

14. Click Save. The successful upload confirmation screen appears:



The system returns to the same page with the message: 'Settings updated successfully' displayed.

15. Click Activate Changes button. The following screen appears:



An overview of the deployments made is reflected. The **FNImageViewer.ear** file is successfully deployed.

16. Click **Deployments**. The following screen appears:

Ele Edit View Favorites Tools Help	🌀 Back 🔹 🐑 - 📓 📓 🏠 🔎 Search 👷 Favorites 🤣 😥 = 🍯	- 8	
dress 🛃 http://zenda2:7001/console/conso	e.portal?_nfpb=true&_pageLabel=AppDeploymentsControlPage		
Bea WEBLOGIC SERVER			
hange Center	Welcome, weblogic Connected to: ISRA_domain & H	Iome   Log Out   Preferences   🔤 Record	Help AskBE
iew changes and restarts	Home > Summary of Environment > Summary of Deployments > ISRA(3.4.0_Fixpack3,isr400.0		ack3,isr400.029) >
to pending changes exist. Click the	Summary of Deployments > FNImageVewer > Summary of Deployments > FNImageVewer > 8	Summary of Deployments	
telease Configuration button to allow thers to edit the domain.	Summary of Deployments		
Lock & Edit	Control Monitoring		
Release Configuration	This page displays a list of Java EE applications and stand-alone application n	nodules that have been installed to this doma	ain. Installed
	applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application		
omain Structure	name and using the controls on this page.		
SRA_domain			
	To install a new application or module for deployment to targets in this domai	in, click the Install button.	
Environment Deployments	To install a new application or module for deployment to targets in this domain	in, click the Install button.	
- Environment - Deployments - Services - Security Realms	To install a new application or module for deployment to targets in this domain <sup>1</sup> Customize this table	in, click the Install button.	
a) Environment b) Environments b) Services b) Services b) Enteroperability b) Interoperability b) Interoperability b) D) B)		in, click the Install button.	
a) Environment <b>Deployments</b> b) Services  Security Realms b) Interoperability	₽ Customize this table	in, click the Install button. Showing 1 - 1 of 1	Previous   Next
a) Environment b) Environments b) Services b) Services b) Enteroperability b) Interoperability b) Interoperability b) D) B)		Showing 1 - 1 of 1	Previous   Next
a) Environment b) Environments b) Services b) Services b) Enteroperability b) Interoperability b) Interoperability b) D) B)	F Customize this table     Deployments     Instal Update Debte Start * Stop *	Showing 1 - 1 of 1	
a Environment b Deployments b Services b Services b Security Realms b Interoperability b	Customize this table     Deployments     Instal Update Debte Start = Stop =     Name =     Servicing all requests	Showing 1 - 1 of 1	Deployment
Environment Deployments Services Security Realms Interoperability Diagnostics		Showing 1 - 1 of 1 State Type Enterprise	Deployment Order 100
a: Environment Deployments a: Services - Security Realms a: Interoperability a: Diagnostics		Showing 1 - 1 of 1 State Type Prepared Enterprise Prepared Content	Deployment Order 100
a: Environment - Deployments a: Services - Security Realms a: Interoperability a: Diagnostics		Showing 1 - 1 of 1 State Type Prepared Enterprise Prepared Content	Deployment Order 100

A summary of deployments is reflected on the screen.

17. Select the check box corresponding to **FNImageViewer**, and click **Servicing all requests** from the **Start** drop-down button. The **Start Application Assistant** screen appears:

View changes and restarts         Home > Summary of Deployments > ISRA > Summary of Deployments > SRAConsole > Summary of Deployments > RidmageViewer > Summary of Deployments           Click the Lock & Edit button to modify, add or delete items in this domain.         Start Application Assistant           Lock & Edit         Mome > Summary of Deployments > ISRA > Summary of Deployments > SRAConsole > Summary of Deployments > RidmageViewer > Summary of Deployments           Click the Configuration         Start Application Assistant         Start Deployments           Start Deployments         You have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel.	BEA WebLogic Server Administration	Console - Microsoft Internet Explorer
WEBLOOIC SERVER         Change Center         Wekcome, weblogic       Connected to: ISRA_domain         Lock A Edit         User changes and restarts         Click the Lock & Edit builton to motify, add or delete times in this domain.         Lock A Edit         Rescore Configuration         Domain Structure         ISRA_domain & Services         Services <th>Ele Edit View Favorites Tools Help</th> <th>🔇 Back + 🔘 - 🖹 🗟 🏠 🔎 Search 🧙 Favorites 🤣 🔗 + 🌄 😫 - 🗾 🕄</th>	Ele Edit View Favorites Tools Help	🔇 Back + 🔘 - 🖹 🗟 🏠 🔎 Search 🧙 Favorites 🤣 🔗 + 🌄 😫 - 🗾 🕄
Subs       Additional Control Control Control       Additional Control Control       Additional Control <td< td=""><td>Address http://zenda2:7001/console/console</td><td>, porta?AppGioba85tartPortietretumTo=AppDepioymentsControiPage&amp;AppDepioymentsControiPortiethandie=com. bea.console.handies.JM04andie%28%22.com.bea%3.4Na 💌 🔁</td></td<>	Address http://zenda2:7001/console/console	, porta?AppGioba85tartPortietretumTo=AppDepioymentsControiPage&AppDepioymentsControiPortiethandie=com. bea.console.handies.JM04andie%28%22.com.bea%3.4Na 💌 🔁
Vew changes and restarts       Home > Summary of Deployments > ISRA > Summary of Deployments > SISRAcorole > Summary of Deployments > RitinageViewer > Summary of Deployments > SISRAcorole > Summary of Deployments > RitinageViewer > Summary of Deployments > SISRAcorole > Summary of Deployments > RitinageViewer > Summary of Deployments > SISRAcorole > Summary of Deployments > SISRAcorole > Summary of Deployments > RitinageViewer > Summary of Deployments > SISRAcorole > SISRAcorole >	Chea WEBLOGIC SERVER	
Click the Lock & Edit button to modify ad or delete items in this domain. Lock & Edit Because Configuration Start Application Assistant Vou have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel. Phologyments Because Realms Enteroperability Diagnostics	Change Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences Record Help AskBEA
add or delete items in this domain.         Lock & Edit         Image: Configuration         Domain Structure         ISRA_domain         ® Fordingments         • Services         • Services         • Services         • Diagnostics	View changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments > FNImageViewer > Summary of Deployments
	add or delete items in this domain. Lock & Edt Release Configuration Domain Structure ISRA_domain Poployments Services - Secutity Realms - Interoperability	Ves No Start Deployments You have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel.  FNImageViewer
System Status	No help task found System Status	

18. Click **Yes** to start the deployment of the **FNImageViewer.ear** file. The Summary of Deployments screen appears:

Ele Edit Vew Favorites Tools Help	🔇 Back + 🐑 - 🖹 😰 🐔 🔎 Search 👷 Favorites 🔗 🍰 + چ 📧 - 🥃	8		
ddress 🛃 http://zenda2:7001/console/conso	ole.porta?_nfpb=true&_pageLabel=AppDeploymentsControlPage	-		
iew changes and restarts	Home > Summary of Environment > Summary of Deployments > ISRA(3.4.0_Expack3,er400.029) Summary of Deployments > RIImageViewer > Summary of Deployments > RIImageViewer > Sum		ISRA(3.4.0_Fxp	oack3,Isr400.029) >
to pending changes exist. Click the telease Configuration button to allow thers to edit the domain.	Messages Start requests have been sent to the selected Deployments.			
Lock & Edt Release Configuration	Summary of Deployments			
Oomain Structure	Control Monitoring			
ISRA_domain Environment	This page displays a list of Jave EE applications and stand-alone application mod applications and modules can be started, stopped, updated (redeployed), or dele name and using the controls on this page. To install a new application or module for deployment to targets in this domain, c	ted from the domain by first		
	₽ Customize this table			
	Customize this table     Deployments			
		Showir	ng 1 - 1 of 1	Previous   Next
	Deployments		ng 1 - 1 of 1 Type	Previous   Next Deployment Order
Diagnostics	Deployments Install Update   Delete   Install Scople Name A		Type	Deployment Order
a Diagnostics tow do I C Install an Enterprise application	Deployments Instal Update Deite Scorige Score	State Active	Type Enterprise Application	Deployment Order
Diagnostics	Deployments  Install Update Deter Storie Storie  Name A  Storie Storie  Storie Storie  Deter Storie Storie	State Active	Type Enterprise Application	Deployment Order 100

The **Status** of the deployed file changes to **Active**. The confirmation message: *'Start requests have been sent to the selected Deployments'* is displayed.

### **IBM FileNet Image Viewer Quick Start Feature**

The Quick Start feature provides a mechanism for initializing a Web browser, Java, and Image Viewer session. The background task required to initialize an Image Viewer session is done at the time when the Web browser is initialized, prior to the time when Image Viewer is actually required. This reduces the startup time of Image Viewer. This feature is supported on various Operating Systems, such as Microsoft Windows 98, NT, 2000 Professional, and XP. The only Web browser supported for this feature is Internet Explorer. The Quick Start feature is not enabled by default; user needs to manually enable it.

#### **Enabling Quick Start Feature**

To enable quick start feature:

- 1. Extract FNImageViewer.ear from the patch.
- 2. Check the availability of "quickstart.htm" file in the FNImageViewer.war extracted from FNImageViewer.ear
- 3. Extract ISRAConsole.ear from the patch.
- 4. Extract ISRASampleWEB.war file from ISRAConsole.ear.
- 5. Extract 'DisplayDocument.jsp' file from ISRASampleWEB.war.
- 6. Add the highlighted tag to the file as shown in the code segment below:

```
<APPLET CODEBASE = "/FNImageViewer/FNJavaVlFiles" ARCHIVE
="ji.jar"
CODE = "ji.applet.jiApplet.class" NAME = " viewONE" WIDTH =
"100%"
HEIGHT = "97%" HSPACE = 0 VSPACE = 0 ALIGN = middle
MAYSCRIPT="true">
```

```
<%if(RAVersion2.equalsIgnoreCase("Enterprise")){%>
```

```
-- -- --
<param name="UserId" value="<%=userId%>">
<param name="quickstartURL" value="quickstart.htm">
<%}/*End of if condition where
RAVersion2.equalsIgnoreCase("Enterprise")*/%>
</Applet>
```

- 7. Save and close the file.
- 8. Bundle the new file into ISRASampleWEB.war
- 9. Bundle the WAR file into ISRAConsole.ear.
- 10. Undeploy the old ISRAConsole.ear
- 11. Deploy the new ISRAConsole.ear.
- 12. Open a document in IBM FileNet Image Viewer.
- 13. Right-click the document to open the context menu.
- 14. From the context menu, click Preferences > QuickStart to enable the Quick Start feature. A 'tick' icon appears on the left-hand side of the Quick Start menu indicating that the feature is enabled.

Enabling the Quick Start feature will add an icon within the System tray (bottom right of the Windows Desktop) and a menu item "IBM FileNet JavaView QuickStart for Internet Explorer" under Start > Programs > Startup menu. After enabling Quick Start, if the machine is rebooted, the Quick Start feature remains enabled. Disabling the Quick Start feature will remove the Quick Start icon from the System tray and the menu item "IBM FileNet JavaView QuickStart for Internet Explorer" from the Start > Programs > Startup menu.

#### **Known Issues in the Quick Start Feature**

Following are the known issues in IBM FileNet Image Viewer:

- Web session will not end until Quick Start feature is disabled or the user explicitly logs out of the session with the Web server. If the Quick Start feature is enabled, closing the browser window(s) will not terminate the session with the Web server.
- If Quick Start is enabled and Internet Explorer is not the default browser, then on machine re-login or reboot, a message will display asking whether to make Internet Explorer the default browser. To avoid the message:
  - 1. Open a browser window.
  - 2. Select **Tools > Internet Options**.
  - 3. Click **Programs** tab and deselect the check box corresponding to "Internet Explorer should check to see whether it is the default browser".
  - 4. Click Apply.
  - 5. Click OK.
- If Always button is not selected on the security dialog box of the security certificate associated with the Image Viewer, then on machine re-login or reboot, a security dialog box is displayed.
- QuickStart feature is not available in Image Viewer if web server is accessed using IP address instead of host name in the URL.

### **Testing Sample Application**

After the ISRA Sample Application is started, the steps to verify the deployment and access the ISRA Sample Application are:

1. Open a Web browser and enter the URL

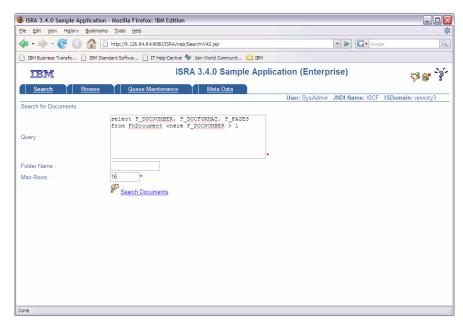
http://<server:port>/context\_root.

For example: http://9.126.94.39:9088/ISRA/

The Web application context\_root is case sensitive. On a Weblogic Server, the default port number is 7001. The default context\_root of the Sample Application is ISRA.

e Edit Vew History Bookmarks I	oole Hielp	<mark></mark>
🛚 • 🔿 • 😴 🕝 🏠 🗋 http://or	ahost: 9083/ISRA/	• • Gosgie
IBM	ISRA 3.4.0 Sample Application	98 ¥
Seach Boase	Queue Mantenance Meria Date	
	JNOI Name	
	Userland Passand CLOAP Contraction of the Contraction Cloap for the Contraction of the Contraction Cloap for the Contraction of the Contraction Cloap for the Contraction of the Contrac	
	Incriting	
	Password	
	Dentis provide terms	
	A lasters and	
	BO ROC ON	
	ISRA Sample Version: 3.4 Fixpack 3	

2. Enter valid **Username** and **Password** for the configured IS (check configured ConnectionFactory for IS details) and click **Logon**.



3. Click **Help (?)** icon on the Sample Application page for details on the interaction parameters and options.

4

# **LDAP Configuration**

In addition to direct IS logging, ISRA 3.4.0 also supports LDAP Authentication by third party Servers.

It is necessary to map users present on the LDAP Server to the IS, before using LDAP Authentication.

**Note** The installation of LDAP Server and creation of users on the LDAP machine are out of the scope of this document.

IBM FileNet provides two utilities - Idap\_export and Idap\_import, to map existing users on the LDAP Server to the IS. These utilities are part of the IS package and must be executed on the machines running the LDAP Server and the IS.

The ldap\_export utility is used to export usernames on the LDAP Server to an xml file. While, the ldap\_import utility imports usernames that have been mapped to the xml file and creates corresponding users on the IS.

It is mandatory that the ldap\_import algorithm and the xml file be present on the same machines, where IS exists. The ldap\_import algorithm uses a hashing algorithm to generate user passwords for the IS.

### Mapping Existing LDAP Server Users to IS

To configure user IDs in an IBM FileNet IS library:

- 1. Create user entries on the LDAP server. The user attribute "uid" will be used to create a user on IS. The remaining attributes (including "password") can be assigned any value.
- 2. Use the **LDAP\_EXP.exe** utility to export the user entries created into an XML file.

Option	Description
s <server></server>	LDAP server name or IP address required value.
p <port></port>	LDAP port number, optional value, 389 is default.
d <binddn></binddn>	LDAP administrator bind domain name (DN), required value.
w <bindpw></bindpw>	LDAP administrator bind password, required value.
t <ldap server="" type=""></ldap>	Required value for server type: msft – Microsoft Active Directory sun – Sun One Directory (iPlanet) nov – Novell eDirectory(NDS).

3. LDAP\_EXP program has the following parameters options:

Option	Description
	ibm – IBM Directory.
b <basedn></basedn>	LDAP Base DN, optional value.
g <grouplist filename=""></grouplist>	Group list file for input, optional value.
o <xml output<br="">filename&gt;</xml>	XML output filename, optional value.
l <log filename=""></log>	Log Filename to use, optional value.
i	Check for special characters on <id> tags only</id>
е	Remove all escape characters – '\'.
k	Use paged results. Windows to AD only
Z	Use secure socket connection
x <grouplist filename=""></grouplist>	Group list file name for output, optional value.
v	Verbose log output.
c1 <user class="" object=""></user>	Class type for User, default is 'person'.
c2 <group class="" object=""></group>	Class type for Group, default is 'groupofuniquenames'.
a1 <user attribute=""></user>	Attribute to be used for user; default is 'dn'.
a2 <group attribute=""></group>	Attribute to be used for group; default is 'dn'
a3 <member attribute=""></member>	Attribute to be used for member; default is 'uniqueMember'.

**Note** User may use /?, -?, /h or -h to generate help.

Example command lines:

• Sun One directory (iPlanet) server:

ldap\_exp -s SunSrvr1 -d "cn=Directory Manager" -w
":/,.++=" -t sun -b "dc=iPlanet, dc=com"

• Microsoft Active Directory (AD) server:

ldap\_exp -s Win2KSrvr1 -d
"CN=Administrator,CN=Users,DC=win2ksrvr1,DC=com" -w
":/,.++=" -t msft -b "dc=win2ksrvr1,dc=com"

• Novell eDirectory(NDS) server:

ldap\_exp.exe -s NovSrvr1 -d "cn=Admin, o=server" -w

- ":/,.++="-t nov -b "o=wa"
- IBM Directory server:

ldap\_exp -s IBMSrvr1 -d "Cn=Administrator" -w ":/,.++="
-t

- ibm -b "dc=ibmsrvr1, dc=com"
- 4. Use the LDAP\_IMPORT.exe for IS libraries to import the user entries from XML file into the specified IBM FileNet IS library.

Parameters:

<i>I</i> ?	Help screen
/h <host>[:organization]</host>	IS host or domain name, organization.
/u <id> (used with /p)</id>	Authorized IS user name
<pre>/p"<pwd>" (used with /u)</pwd></pre>	Encrypted IS user password.
/i <file></file>	XML input file.

For example, to import user entries from XML file:

C:\>ldap\_import /hIMGSERV:FileNet /ildap\_exp.xml

Note	Options are NOT case sensitive. All the information or error
	messages are logged to the system log or the file
	'Idap_importyyyymmddlog.txt'. If Username and password are not
	specified in the command, it prompts for username and password.

5. The IBM FileNet users created will have a password generated from the corresponding user IDs.

### **Changing ISRA Specific Parameters for LDAP**

The configurable properties to be set (modified) in **ra.xml** are:

- LdapImplClassName
- LdapImplClassString
- InherentLogin

Refer to <u>LdapImplClassName</u>, <u>LdapImplClassString</u>, and <u>InherentLogin</u>, in section <u>Configurable ra.xml Properties</u> for details on the configuration of the respective entities.

# Configuring Performance Statistics from ISRA

User can execute an EnablePerformanceLogging interaction to enable or disable the logging of performance statistics of each ISRA interaction. To enable this, configure JMS server, connection factory and JMS queue. The current value of EnablePerformanceLogging interaction will be updated in the file name mentioned by the user while deploying ISRA.

Enabling the performance logging statistics will send the messages to JMS queue, else these messages will not be logged in the JMS queue.

To configure the performance statistics, perform the following:

- 1. Configure a new JMS server
- 2. Configure a JMS queue
- 3. Configure JMS connection factory

These are explained in detail in the following sections.

### **Configuring JMS Server**

To configure a JMS server:

 On the left pane of the WebLogic 10.x console, click Services > Messaging > JMS Servers. The following screen appears:

🚰 BEA WebLogic Server Administration	Console - Microsoft Internet Exp	blorer		_	8 ×
Eile Edit View Favorites Iools He	elp				-
⇔Back • → • 🙆 🛃 🖄 QiSean	ch 🗑 Favorites 🍘 Media 🎯				
		-true&ChangeManagerPortlet_actionOverride=/5	topEditAction&changeCenter=Ch	angeCenterClicked 🔻 🗟 Go Li	inks »
WEBLOGIC SERVE					
LOCA ADMINISTRATION CONSO					
Change Center	Welcome, weblogic	Connected to: base_domain	Home Log Out Pr	eferences Help AskBEA	
View changes and restarts	Home > Summary of JMS Server	s > JMSServer-0 > Summary of JMS Server	5		_
Click the Lock & Edit button to modify, add or delete items in this	Summary of JMS Serve	rs			
domain.	JMS servers act as man;	agement containers for the queues and to	pics in JMS modules that are	targeted to them.	
Lock & Edit	This name summarizes th	he JMS servers that have been created in	the current Webl opic Server	r domain	
Release Configuration	in page canno acco		one carrent trocked a conten		
Domain Structure	Qustomize this table				
base_domain	IMS Servers				
Deployments	Click the Lack & Edit h	outton in the Change Center to activate al	the buttons on this name		
Services     E-Messaging					
-JMS Servers	New Delete		Showing (	0-0 of 0 Previous   Next	
Store-and-Forward Agents JMS Modules	🔲 Name 🐟	Persistent Store		Target	
⊞-Bridges ⊞-JDBC		There are no items	to display		
Persistent Stores Path Services	New Delete		Showing (	0-0of0 Previous   Next	
Foreign JNDI Providers Work Contexts					
XML Registries					
XML Entity Caches ICOM					
-Mail Sessions					
File T3					
-Security Realms					
Interoperability					-
				E Local intranet	

**Note** User may also use an existing JMS server.

#### 2. Click Lock & Edit Button. The following screen appears:

BEA WebLogic Server Administration ( File Edit View Favorites Tools Hel		pro ca		_ 6
ter ter ter state at the second s				
= Back - → - ③ 🗗 🖄 😡 Search		=true&ChangeManagerPortlet actionOverride=/MakeCh		∂Go Link
		=true&ChangeManagerPortlet_actionOvernde=/MakeCh	hangesAction&changeCenter=ChangeCenterClick	Cr GO LINK
bea WEBLOGIC SERVE				
hange Center	Welcome, weblogic	Connected to: base_domain 🛛 🟠	Home Log Out Preferences Help	AskBEA
iew changes and restarts	Home > Summary of JMS Server	rs > JMSServer-0 > Summary of JMS Servers		
No pending changes exist. Click the Release Configuration button to	Summary of JMS Serve	rs		
lilow others to edit the domain.		agement containers for the queues and topics in the JMS servers that have been created in the c		
omain Structure ase_domain	Customize this table			
B-Environment Deployments B-Services E-Messaging MS Servers	JMS Servers	Persistent Store	Showing 0 - 0 of 0 Previous   N	Jext
Store-and-Forward Agents	i Name 🛷	There are no items to dis	Target	_
i⊞-Bridges ⊞-JDBC Persistent Stores	New Delete		Showing 0 - 0 of 0 Previous   N	Jext
Path Services     Foreign JND Providers     Work Contexts     Work Contexts     XML Registries     XML Full Sessions     File T3     JTA     Security Realms     Interoperability				
			CHE Local int	rapet

File Edit View Favorites Tools He		
The the transmission of transmission of the transmission of transmission of the transmission of transmission o		
	rch 🔄 Favorites 🛞 Media 🧭 🛃 🖕 🎒 🔝 🗐 📖	
ddress 🥘 http://fn-isra:7001/console/cons	nsole.portal?_nfpb=true&_pageLabel=JmsServerCreateJMSServer 💆 🔗 Go 🛛	Links
bea WEBLOGIC SERVE		
Change Center	Welcome, weblogic         Connected to: base_domain         Welcome         Log Out         Preferences         Help         AskBEA	
View changes and restarts	Home > Summary of JMS Servers > JMSServer-0 > Summary of JMS Servers	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JMS Server           Back         Next         Frish         Cancel           JMS Server Properties         The following properties will be used to identify your new JMS Server.	
Domain Structure base_domain = Environment —Deployments = Services	What would you like to name your new JMS Server?	
E Messaging - JMS Servers - Store-and-Forward Agents - JMS Modules B - Bridges B - DBC - Persistent Stores - Path Services	Specify persistent store for the new JMS Server. Persistent Store: (none) Create a New Store Back Next Finish Cancel	
- Foreign INDI Providers Work Contexts XML Registries XML Entity Caches JCOM Mail Sessions File T3 JTA Security Realms	Čit Local Intronet	

4. Click **Next** (user can enter a name other than default). The following screen appears:

Else       Edit       View       Favorites       Edit       Edit       Favorites       Edit       Edit<		- 8
Address M http://fn-isra:7001/console/console.portal? insServerQreate3MSServerPortlet_actionOverride=/com/bea/console/actions/jms/server/create/insserver/selectTargets           WEBLOGIC SERVER           WebLOGIC SERVER           Address         Webcome, weblogic         Connected to: base_domain         Webcome, the log Out         Preferences           View changes and restarts         Mome > Summary of 3MS Servers > 3MSServer.0 > Summary of 3MS Servers         Servers           Release Configuration button to allow others to add the domain         Webcome, weblogic         Create a New 3MS Server         Select targets           Back         Mexit         Finish         Cancel         Select targets         Select targets           Domain Structure         Back         Mont         Finish         Cancel         Select targets           Bedictions/insigner         Store-and-Forward Agents         Monte         Antimiserver         Select target           Preferences         None         Antimiserver         Antimiserver         Antimiserver           Bedictions/inside/inside         Monte         Antimiserver         Select		1
WEBLOGIC SERVER ADMINISTRATION CONSOLE         Change Center       Welcome, weblogic       Connected to: base_domain       & Home   Log Out   Preferences         View changes and restarts       Home > Summary of 3MS Servers > 3MSServer0 > Summary of 3MS Servers       Home > Summary of 3MS Servers         No pending changes exist. Click the Release Configuration button to allow others to edit the domain.       Home > Summary of 3MS Server         Lock & Edit       Release Configuration       Back       Next       Rinkh       Cancel         Select targets       Select targets       Select targets       Select targets       Select targets         Select target:       None       AdminiServer       AdminiServer         - Services       Most       Finish       Cancel         Back       None       AdminiServer       Back       None         - Services       Most       Finish       Cancel       AdminiServer         Back       None       AdminiServer       AdminiServer       AdminiServer         - MS Modules       Back       None       AdminiServer       AdminiServer         - Persistent Stores         - Park Services       - Poroly Contexis       - Others       - Othe		
2 UB3 ADMINISTRATION CONSOLE         Change Center       Welcome, weblogic       Connected to: base_domain <sup>1</sup> / <sub>2</sub> Home i Log Out Preferences          View changes and restarts       No pending changes exist. Click the         Release Configuration buttom to         allow others to edit the domain.             Cente a New JMS Server > Summary of JMS Servers          Domain Structure          Back Tiext Prish Cancel         Select targets         Select targets         Select target:         None         Select more and-Forward Agents         Services	▼ @Go	Link
View changes and restarts No pending changes exist. Click the Release Configuration button to allow others to edit the domain.  Lock & Edit Release Configuration Domain Structure Dese_domain  Generation Genera		
Non pending changes exist. Click the Release Configuration button to allow others to edit the domain.       Image: Configuration button to allow others to edit the domain.         Lock & Edit       Release Configuration         Domain Structure       Back       Hext         Dase_domain       Beck       Hext         Brivinonment       Deployments       Select the server instance or migratable target on which you would like to deploy this JMS Server.         Brivinonment       Deployments       Beck       Hext       Finish         Brivinon       Aritimiserer       Beck       Hext       Finish         Beck       Finish       Concel       Beck       Hext         Beck	Help AskBEA	1
Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration Domain Structure Dase, domain Back Next Finish Cance Select targets Select the server instance or migratable target on which you would like to deploy this JMS Server. Deployments Back Next Finish Cance Back None Target: None Back Next Finish Back Next Back Back Back Back Back Back Back Back		
Domain Structure         base_domain         B= Environment         Deployments         B= Services         B= Messaging         -MS Servers         -Sorries         B= DBC         B= DBC         -Parkistent Stores         -Park Services         -Foreign JNDI Providers         -Work Contacts		
e) Environment Deployments Services Deployments Deplo		
-XML Registries -XML Entity Caches -/CCM -Wall Sessions -File T3 -JTA -Socurity Realms		
	🗮 Local intranet	

5. Select Target Servers and click Next. The following screen appears:

BEA WebLogic Server Administration	Console - Micro	soft Internet Explor	er	×
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> e				E
🗘 Back 🔹 🔿 🗸 🙆 🛃 🖓 Sear	th 💽 Favorites	Media 🎯 层	- <b>3 d 1 1</b>	
Address Address Address Address Address	nsole.portal?_nfpt	=true&_pageLabel=Jr	nsServerJMSServerTablePage	💌 🔗 Go 🛛 Links 🎽 📆 🗸
SDCa ADMINISTRATION CONSO	LE			
Change Center	Welcome, we	e <mark>blogic</mark> Connecti	ed to: base_domain 🛛 🏠 Home	Log Out Preferences Help AskBEA
View changes and restarts			JMSServer-0 > Summary of JMS Servers > JMSServer-0 > Summary of JMS Servers	> JMSServer-0 > Summary of JMS Servers > JMS ervers
Pending changes exist. They must be activated to take effect. Activate Changes	Message	s Server created su	ccessfully	
Undo All Changes	Summary	y of JMS Servers		
Domain Structure base_domain B=Environment Deployments B=Services B=Messaging -JMS Servers -Store-and-Forward Agents B=Bridges B=DDEC	them. This pag	e summarizes the . omize this table		d topics in JMS modules that are targeted to
-Persistent Stores	New	Delete		Showing 1 - 1 of 1 Previous   Next
Path Services Foreign JNDI Providers Work Contexts		Name	Persistent Store	TargetName
XML Registries XML Entity Caches		JMSServer-0		AdminServer
	New	Delete		Showing 1 - 1 of 1 Previous   Next
<ul> <li>✓</li> <li>✓</li> </ul>				Local intranet

6. Click Active Changes. An overview of created JMS Server is reflected.

### **Configure a JMS Queue**

JMS resources, such as, queues, connection factories, templates, destination keys and distributed queues are configured and stored as modules similar to J2EE modules. To configure a JMS queue:

 On the WebLogic 10.x console, navigate to Services > Messaging > JMS Modules. The following screen appears:

IEA WebLogic Server Administration Co							191
e Edit Yew Pavorites Iools Help							
Back • 🔿 • 💽 🖹 🐔 🔎 Search							
tress 👔 http://localhost:7001/console/cons	ick.porta?_r/pb=true6_pageLabel=3m/Hodules	des TablePage				2 🖬 👳	1
bea WEBLOGIC SERVER							
hange Center	Welcome, weblogic		Connected to: ISRA_domain	Home Log O	ut Preferences Recor	d Help AsiB	ĒĂ
w changes and restarts	Hume > Summary of 345 Servers > 345	15 Hodules > SystemHodule-0 > 3HS Hodules					
ick the Lock & Edit button to modify, dd or delete items in this domain.	JMS Modules						
Lock & Edit Aslesse Configuration	3HS system resources are confi quota, distributed queues, distri system resources.	nfigured and stored as modules similar to standar tributed topics, foreign servers, and 3MS store-and	d 326E modules. Such resources include qu 5-forward (SAF) parameters. You can admi	eues, topics, connecti nistratively configure	on factories, templates, desti and manage JMS system mo	nation keys, dules as global	
omain Structure	This page summarizes the 3MS	IS system modules that have been created for this	domain.				
SRJ, domain e is functioners Coptingments Stances International Stances Stance	few Debte	in the Change Carson to activate all the buttors o Name in-	n the page There are no items to display	Туре	Showing 0 - 0 of 0 Showing 0 - 0 of 0		
- XML Registries					showing 0 - 0 br 0	Previous [Inext	
Configure 3MS system modules Configure resources for 3MS system modules seath of Running Servers Failed (0) Contract (0)	2						
Overloaded (0)							
	11					Local Intranet	_

2. Click Lock & Edit Button. The following screen appears:

szenda2 - Remote Desktop				
BEA WebLogic Server Administration Co	insole - Microsoft Internet Explorer			-11
Ele Est gew Favortes Iools Help				
🔾 Back + 🔿 - 💽 😰 🐔 🔎 Search	Pavortes @ 2			
Address http://locathost:7001.Jconsole/consu	ole.portal?_rifpb=brue8_pageLabel=3msMor	dules TablePage	• 🔁 👁	Lei
Chea WEBLOGIC SERVER				
Change Center	Welcome, weblogic	Connected to: ISRA_domain	Professional Professional Professional Profession	A E
View changes and restarts	Holie > Summary of 3HS Servers >	3HS Modules > SystemModule-G > 3HS Modules		
No pending changes exist. Click the Release Configuration button to allow	JMS Modules			
others to edit the domain.	quota, distributed queues, d system resources.	onfigured and stored as modules similar to standard ISEE modules. Such resources include Introduced topics, foreign servers, and IAEs store-and-forward (SAP) parameters. You can a MS system modules that have been created for this domain.		
Domain Structure				
ISRA_domain	P Customore this table 3MS Modules			
<ul> <li>Messaging</li> <li>MS Servers</li> </ul>	New Celata		Showing 0 - 0 of 0 Previous   Next	
-Store-and-Forward Agents - 3MS Modules	Г	Name 🙃	Туре	
IE Bridges IE-IDBC		There are no items to display	-	
- Persistant Stores - Path Services - Foreign 3NDI Providers - Work Contexts - XML Registrics	New		Showing 0 - 0 of 0 Previous (Next	
How do L				
Configure 3MS system modules     Configure resources for 3MS system     modules				
System Status	i.			
Health of Running Servers				
4				3

3. Click **New** Button. The following screen appears:

zenda2 - Remote Desktop				
IIIA WebLogic Server Administration Co	nsale - Microsoft Internet Explorer			
Elle Edit Yew Figvorites Iools Help				
🕽 Back + 🕐 - 💽 😰 🤹 🔎 Search	Pavortes @			and a second second
	ie portal?_rifpb=trueti_paget.abei=3455ystemModuleCr	sateModule	1	• 🖸 🐼 🛯 UH
Chea WEBLOGIC SERVER				
Change Center	Welcome, weblogic	Connected to: ISRA_d	main & Home Log Out Preferences Record Het	A ANABEA
View changes and restarts	Hame > Summary of 3HS Servers > 3HS Hodules	> SystemPickJe-G > 3MS Modules		
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock is Lick Release Configuration.	3MS system resources are configure	ned to klentify your new module. I and stret als modules smaller to standard 2015 modules. Such resou Subaid topos, formas servers, and 34 bits turn-and-forward (SuP) para	ces nolade quaues, topics, convection factories, tenglates, destinate velos. Too can adminipatolety configure and manage 246 system m	on vodules
ISRA_domain El invironment Deployments Services Messaging 	What would you like to name your Name:	SystemModule-0		
# XBC	What would you like to name the o	iescriptor file name? If you do not provide a name, a default will be ass	gred.	
Persistent Stores     Parts Services     Foreign JNDI Providens     Work Contents     XML Registries	Descriptor File Name: Where would like to place the des	ptor for this System Module, relative to the jms configuration sub-dim	ctory of your domain?	
How do I	Location In Domain:			
a Configure 3MS system modules a Configure 3MS servers	Do.3. Mext Frish Cancel			
System Status				
Health of Running Servers				

4. Click **Next** (User can enter the name of System Module, other than default). The following screen appears:

s zenda2 - Remote Desktop		
TEA WebLogic Server Administration Co	With Capits Sectors Administrations Consults - Horawalh Interest Explosion   (B) Wr Paperties (Int) Sectors Administration Consults - Horawalh Interest Explosion and Administration Consults - Horawalh Interest Explosion - Jose Forder - Jose Forder - Jose Forder - Jose Forder - Horawalh Interest Explosion - Jose Forder - Horawalh Interest Explosion - Horawalh Interest Explosion - Jose Forder - Horawalh Interest Explosion - Horawalh Intere	-10
the Life yew Pavorkes Look Help		
🔾 Back + 🔿 - 💽 👔 🏠 🔎 Search		
Address 1 http://locahost:7001./console/conso	sole portal?Create.#E5ystenModukPortlet_action/ben/combe/actiona/jms/moduke/systen/createnoduke/selectTargets 💌 🗈 🐼	UN
Chea WEBLOGIC SERVER		
Change Center	Welcome, weblogic Connected to: ISRA_domain De Home Log Out Preferences De Record Help Add	EA .
View changes and restarts	Hane > Summary of 2HS Servers > 2HS Modules > SystemModule © > 2HS Modules	
a second s	Ind. Text. From Event. The following properties will be used to target your new XHS system module.	
Domain Structure		
-Store-and-Forward Agents	Servers	
Bridges     B 200C     Persistent Stores     Path Services     Foreign 3NDL Providers     Work Contexts	Cluster 0 All servers in the cluster	
How do I	D General	
# Configure 3MS system modules # Configure 3MS servers		
System Status		
Health of Running Servers	Box Net Pruh Gaos	_
4	1	2

5. Select Target Servers and click **Next.** The following screen appears:

BEA WebLogic Server Administration Co	nosde - Microsoft Internet Funkeer			Souther Street,
Sie Edit Yew Favorites Tools tisto				
) Back • () - (•) (2) 🐔 🔎 Search				
	cie.portal/Create.MSSystemModulePortlet_actionOverride=/com/bea/co	nsole/actions/ms/modules/system/oreatemodule/wwResource		• 🗗 Go Lir
Chea WEBLOGIC SERVER		de estates entre com		
Thange Center	Welcome, weblogic	Connected to: ISRA_domain	Profesences Log Out Preferences Record	Help AskBEA
View changes and restarts	Home > Summary of 2MS Servers > 2MS Modules > SystemModu	de-0 > 3HS Modules > SystemModule-0 > 3HS Modules		
No parking dranges exit. Cick the Release Configuration button to allow others to edit the domain.	Create IMS System Module  Inst. Inst. Inst. Add resources to this IMS system module Use this page to indicate whether you want to im  Woodd you like to add resources to the	mediately add resources to the 345 system module after it is creat is 345 system module?	ed. 345 resources include queues, tapics, connection	factories, etc.
Missiaging     Missiaging     Mitre-and-Forward Agents     Mitre-and-Forward Agents     Mitre Prodges     X00     Formistant Stores     Futh Services     Foreign X01 Providers     Work Contents     Vite Agents     X01	Ind. Tool Cool			
kow do I	3			
a Configure 3MS system modules a Configure 3MS servers				
iystem Status	3			
Health of Running Servers				

6. Choose the check box "would you like to add resources to the JMS system module?" and click Finish, the following screen appears:

zenda2 - Remote Desktop per par yew revorces poor geo Back - 0 2 2 2 Search	Steventes @ 0-12 D				
the second se	a product of the second s	JeConfigGeneralPagetUMSSystemModuleConfigGene	albutishanda	NUMBER 2010, 2010, Rapit Stationals, 201	
Chea WEBLOGIC SERVER					
Change Center	Welcome, weblogic		Connected to: ISRA_domain	Preferen	ces Record Help AskBEA
View changes and restarts	Home > Summary of 3MS Servers > 3MS Mo	Wes > SystemModule 0 > 3MS Modules > SystemMo	dule-0 > 245 Michules > SystemModule-0		
Pending changes exist. They must be activated to take effect.	Messages	uccessfully.			
Activate Changes Undo Al Changes	Settings for SystemModule-0				
Domain Structure	Configuration Subdeployments	Targets Security Notes			
ISRA_doman	This page displays general informa	tion about a 3MS system module and its reso	uces. It also allows you to configure ne	w resources and access existing res	ICUPCES.
8 Messaging - IMS Servers	Name:	SystemModule-0	The name of this 3MS sy	stem module. More Info	
Store-and Forward Agents 3MS Modules 8 Bridges	Descriptor File Name:	jms/systemmodule-0-jms.xml	The name of the 345 m	adule descriptor file. More Info	
XDEC     Pensistent Stores     Path Services     Foreign 3/DI Providers     Work Contexts     -XML Registries	This page summarizes the 3M destination sort keys, destinat P Customize this table	S resources that have been created for this J on quota, distributed destinations, foreign se	MS system module, including queue an ivers, and store-and-forward paramete	d topic destinations, connection fact rs.	ories, JMS templates,
How do 1	Summary of Resources				
a Configure IMS system modules	New Delete			Show	ing 0 - 0 of 0 Previous   Next
Configure subdeployments in 3MS system modules     Configure resources for 3MS system	🔽 Name 🚓	Type INDI Name Sort table by Type	Subdeployment		Targets
modules	protecting producting		There are no items to display		
System Status	New Delata			Show	ing 0 - 0 of 0 Previous   Next
Health of Running Servers					
< ]					1 6

7. Click **New** and the following screen appears:

Lenda2 - Remote Desktop			( and )
🔾 Back + 🔿 - 💽 😰 🏠 🔎 Search	😚 Favortes 🕑 😂 🖓 🗔		
Address 🔊 http://localhost:7001/console/consc	ie.porta@_r#pb=true%_pageLabel=3msCreateSyste	en Modulet ritt yfstrei Create System Modulet ritt y Portlet our en Module – System Module GSJmic Poale System Modulet ritt y Portlet, action Override – Kom, Beak Konsole Jactions (p 💽 🚱	o U
Chea WEBLOGIC SERVER			
Change Center	Welcome, weblogic	Connected to: ISRA_domain & Home Log Out Preferences Record Help Adv	BEA
View changes and restarts	Hone > Summary of 3HS Servers > 3HS Mor	dzies > SystemHodzie O > JHS Modzies > SystemHodzie O > JHS Hodzies > <b>SystemModule-O</b>	
Pending changes exist. They must be activated to take effect.	Create a New 3MS System Modul	le Resource	
Activate Changes	Back Next Print Cancel		
Undo All Changes	Choose the type of resource		
Domain Structure	Use these pages to create reso.	inces in a JMS system module, such as queues, topics, templates, and connection factories.	
ISRA_domain        Breinronment      Depkyments      Services      Messaging      Missaging      Store-and-Forward Agents	connection factories, distributed	ce you sets, you are prompted to enter basic information for creating the resource. For translatile resources, like stand-alone queues and topic, queues and topic, frong inserver, and MS-SF destination, you can also proceed to transling pages for electricy appropriate server transla- iources with subdeptoments, which is an advanced mechanism for grouping 245 module resources and the members to server resources.	
- 3MS Modules ⊞ Bridges	C Connection Factory	Defines a set of connection configuration parameters that are used to create connections for 3MS clients. More Info	
XOC     Persistent Stores     Path Services     Foreign XIDI Providers	C Queue	Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. More linfo	
Work Contexts XML Registries	⊂ topic	Defines a publisity/subscribe destination type, which are used for anynchronous peer communications. A message delivered to a topic is distributed all topic consumers. More brito	to .
How do I	C Distributed Queue	Defines a set of queues that are distributed on multiple 3HS servers, but which are accessible as a single, logical queue to 3HS clients. More Info	
# Configure 3MS templates # Configure destination keys	C Distributed Topic	Defines a set of topics that are distributed on multiple 345 servers, but which are accessible as a single, logical topic to 345 clients. More Info	
Configure topics     Configure queues     Configure connection factories	C Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More info	
Configure uniform distributed topics     Configure uniform distributed queues	C Quota	Controls the allotment of system resources available to destinations. More Info	
a Configure foreign servers	C	Defines a unique sort order that destinations can apoly to armivino messages. More Info	

8. Choose the **Queue** option and click **Next**, The following screen appears:

BEA WebLogic Server Administration Con	sole - Microsoft Internet Explorer		_/# X
Ele Edit Vew Favorites Icols Help			N
🔾 Back + 🔘 - 💽 😰 🐔 🔎 Search -	👷 Favorites 🛛 🖉 - 😓 🗔		
Address () http://localhost:7001/console/console	e.portal?3msCreateSystemModuleEntityPortlet_actionOve	rride=/com/bea/console/actions/jms/target/back	💌 🔁 Go 🛛 Links 🏁
Chear WEBLOGIC SERVER			•
Change Center	Welcome, weblogic	Connected to: ISRA_domain	Home Log Out Preferences Record Help AskBEA
View changes and restarts	Home > Summary of 3MS Servers > 3MS Modules >	SystemModule-0 > 3MS Modules > SystemModule-0 > 3MS Modules > <b>SystemModule-0</b>	
Pending changes exist. They must be activated to take effect.	Create a New JMS System Module Res	ource	
Activate Changes	Back Next Finish Cancel		
Undo All Changes	3MS Destination Properties		
Domain Structure	The following properties will be used	to identify your new Queue. The current module is SystemModule-0.	
ISRA_domain  B Environment  Deployments  Services  Hassaging  Hassaging	Name:	Онни-О	
-Store-and-Forward Agents JMS Modules IR Bridges	3NDI Name:		
B-JDBC Persistent Stores Parts Services Foreign 3NOL Providers Work Contexts -JNNL Registries	Template: Back Next Frish Cancel	None 💌	
How do I			
e Configure quotes for destinations a Configure averation less a Configure destination less a Configure averation less a Configure averation a Configure averation a Configure averation a Configure averation distributed quotes a Configure averation destination a Configure averation a Configure averation a Configure SASE			
System Status			
(c) Done			Local intranet

9. Enter the **JNDI Name** of the JMS queue and click **Next**. The following screen appears:

BEA WebLogic Server Administration Co	nsole - Microsoft Internet Explorer			- 8
Ele Edit View Favorites Icols Help				
🔾 Back. = 🔿 - 💌 😰 🐔 🔎 Search	📩 Favorites 🕘 🙆 - 😓 🗔			
Address () http://localhost:7001/console/conso	le.portaP3msCreateSystemModuleEntityPortlet_actionOverride=/com/b	ea/console/actions/ims/destinations/create/msdestination/selecttargets		💌 🛃 Go 🛛 Links
Cibea WEBLOGIC SERVER				
Change Center	Welcome, weblogic	Connected to: ISRA_domain	Home Log Out Preferences Record	Help AskBEA
View changes and restarts	Home > Summary of 3MS Servers > 3MS Modules > SystemModu	ie-0 > 3MS Modules > SystemModule-0 > 3MS Modules > $SystemModule-0$		
Pending changes exist. They must be activated to take effect.	Create a New JMS System Module Resource			
Activate Changes	Badi. Next Finish Cancel			
Undo All Changes	The following properties will be used to targ	jet your new JMS system module resource		
Domain Structure	instance, cluster, or SAF agent. If necessary, you	this system module resource. A subdeployment is a mechanism b can create a new subdeployment by clicking the <b>Create a New S</b> i		
ISRA_domain   Environment  Deployments  Services	targets later by using the parent module's subdep	koyment management page.		
Messaging     Misservers     Store-and-Forward Agents	Select the subdeployment you want to use. If yo	ou select (none), no targeting will occur.		
-JMS Modules Bill Bridges	Subdeployments: (none)	Greate a New Subdeployment.		
Dec     Persistent Stores	What targets do you want to assign to this subo	leployment?		
-Path Services Foreign 3NDI Providers	Targets:			
Work Contexts XML Registries	Back Next Prich Cancel			
How do I				
Configure quotas for destinations     Configure 3MS templates				
© Configure destination keys				
# Configure topics				-
# Configure queues				
Configure connection factories				
<ul> <li>Configure uniform distributed topics</li> <li>Configure uniform distributed queues</li> </ul>				
Configure Uniform distributed queues     Gonfigure foreign servers				
# Configure JMS SAF				
System Status	5			
	11			
e) Done				Nocal intranet

10. Click **Finish**, the following screen appears:

zenda2 · Remote Desktop							
BEA WebLogic Server Administration Co	nsole - Microsoft Int	ernet Diplorer					
Ble Edit Yess Fgyorites Look Help							
) Back + 🔿 - 💽 😰 🐔 🔎 Search							
gåress 🔊 http://localhost:7001/console/conso	ie.porta@_n/pb=trueb_	pageLabel=3MSSystemMod	MeConfigGeneralPage				💌 🛃 🐼 🛛
Chea WEBLOGIC SERVER							
Change Center	Welcome, weblo	sgic			Connected to: ISRA_domain	De Home Log Out Preferen	ces Record Help AskBEA
few changes and restarts	Home > Summary	of 345 Servers > 345 Mo	d.Jes > SystenMod.Je-0 >	JHS Modules > SystemModule	0 > 315 Modules > SystemModule-0		
Aending changes exist. They must be activated to take effect.		S Queue was created s	uccessfully				
omain Structure	Configuratio	n Subdeployments	Targets Security No	thes			
RA_domain     Environment     Deploymenta     Services	This page d	leplays general informa				rw resources and access existing re	ources.
B Messaging - 3MS Servers	Name:		SystemModule	-0	The name of this JMS s	ystem module. More Info	
<ul> <li>Store-and-Forward Agents</li> <li>3MS Modules</li> <li>Bridges</li> </ul>	Descri	ptor File Name:	jms/systemmo	dule-0-jms.xml	The name of the 3MS m	odule descriptor file. More Info	
B 200C     Persistent Stares     Path Services     Foreign 2001 Providers     Work Contexts     XML Registries	destina				stem module, including queue an , and store-and-forward paramete	d topic destinations, connection fact ins.	ories, 345 templates,
kow do I	Summ	sary of Resources					
Configure 3MS system modules Configure subdeployments in 3MS	New	Deleta				Show	ing 1 - 1 of 1 Previous (Next
system modules	<b>F</b>	Name 🖧	Type	JNDI Name	Subdeploymen	nt	Targets
Configure resources for 3MS system modules	<b></b>	Queue-0	Queue	ISOF			
ystem Status	New	Coleta				Show	ing 1 - 1 of 1 Previous   Next

11. Click Activate Changes. An overview of the settings is reflected.

DEA WebLogic Server Administration Co		R Internet Explorer					
Elle Edit Yew Fgvorites Iools Help							
🕽 Back 🔹 🔿 🤘 💽 😰 🐔 🔎 Search							
Address 🕘 http://localhost:7001/console/cons		true&_pageLabel=JMSSystemMod	ádeConfigGeneraPage				💌 🔁 🐼
Chea WEBLOGIC SERVER							
Change Center	Welcome, v	veblogic			Connected to: ISRA_domain	Home Log Out Preference	es 🖾 Record Help Ask®
view changes and restarts	Home > Su	mmary of JMS Servers > JMS Mo	dules > SystemModule-0 > JMS	Modules > SystemModule-0 > :	MS Modules > SystemModule-0		
Click the Lock & Edit button to modify, add or delete items in this domain.	Messag Massag	jes I changes have been activati	ed. No restarts are necessar	у.			
Lock & Edit Release Configuration	Setting	js for SystemModule−0					
Domain Structure	Config	uration Subdeployments	Targets Security Notes				
ISRA_domain ISRA_domain BitProcesses BitPro	Di Di	ame: escriptor File Name: his page summarizes the 2M estimation sort keys, destinat	SystemModule-0 jms/systemmodule tS resources that have been	O-jms.xml created for this 3MS syste	The name of this 3MS syste The name of the 3MS modu	esources and access existing resources m module. More Info le descriptor file, More Info	
-XML Registries		Customize this table					
How do I		Summary of Resources					
Configure IMS system modules	<	Click the Lock & Edit button	i in the Change Center to ac	tivate all the buttons on thi	s page.		
Configure subdeployments in JMS system modules		New Delete				Showing 1	-1of1 Previous   Next
Configure resources for 3MS system modules		🔲 Name 🌣	Туре	JNDI Name	Subdeployment	Та	rgets
System Status		E Queue-0	Queue	25OF			
Health of Running Servers		New Delete				Showing 1	-1of1 Previous   Next
Failed (0)							

### **Configure JMS Connection Factory**

To configure the JMS connection factory:

 On the WebLogic 10.x console, navigate to Services > Messaging > JMS Modules. The following screen appears:

zenda2 - Remote Desktop			
BEA WebLogic Server Administration Co	nsole - Microsoft Internet Explorer		
the Edit Yew Favorites Look theb			
) Back + 🔿 + 🖻 😰 🏠 🔎 Search			
girets 🛃 http://localhost:7001/conscie/cons	cie.portal?_r/pb=true5_pageLabel=3mModulesTablePage		💌 🔂 🐼 🛛 L
Chea WEBLOGIC SERVER			
hange Center	Welcome, weblogic	Connected to: ISRA_domain	Prome Log Out Preferences Record Help AskBEA
/lew changes and restarts	Home > SystemModule-0 > JMS Modules > SystemModu	ale-0 > JMS Modulies > SystemModule-0 > JMS Modules > SystemModule-0 > JMS Modu	des > SysteoPodde-0 > 3MS Modules
to pending changes exist. Click the Release Configuration button to allow others to edit the domain.	JMS Modules		
Look & Edit		ared as modules similar to standard X2EE modules. Such resources include foreign servers, and XMS store-and-forward (SAF) parameters. You can ac	
Release Configuration			
Iomain Structure	This page summarizes the JMS system modu	ies that have been created for this domain.	
le trivronment —Deployments B Services B Messaging —JMS Servers	P Customize this table      INIS Modules      Tees      Coninte		Showing 1 - 1 of 1 Previous (Next
-Store-and-Forward Agenta JMS Modules	F Name 🚓		Туре
8 Bridges 8 XDBC	SystemModule-0		System
Persistent Stores     Path Services     Foreign JNDI Provident     Work Contexts     -XML Registries	Terrer Dislote		Showing 1 - 1 of 1 Previous  Next
iow do I			
Configure 3MS system modules Configure resources for 3MS system modules			
System Status	2		
System Status			

**Note** The user can also use an existing connection factory.

2. Click on the configured system module. The following screen appears:

BLA WebLogic Server Administration D	onsole - Microsoft Latern	et Daplorer					الالح
Ele Edt Vew Favorites Jools Hele							
3 Back - () - 1 2 🐔 🔎 Search	Pavortes @	· /\$ (7)					
lddress 🕘 http://localhost:7001/console/con	sole.portal?_r/pb=truet_pa	ni.abel= IMSSystemM	oduleConfigGeneralPagetithar	de-con bea console handles. 34	Handle%20%22com.bea%34Name%	3DSystemModule-0%2CType%3D3MSSyd	tenResource1622%29 💌 🛃 Go 🛛
	R						
Change Center	Welcome, weblogi	ê			Connected to: ISRA_domain	Home Log Out Preferen	cas Record Help AskBEA
View changes and restarts	Home > 3H5 Module	s > SystemModule-0 :	> 3HS Hodules > SystemMod	5,8=0 > 3MS Modules > SystemM	idule-0 > 3MS Modules > SystemModu	ie-0 > 3H5 Modules > SystemModule-	0
No pending changes exist. Click the Release Configuration button to allow	Settings for S	rstemModule-0					
others to edit the domain.	Configuration	Subdeployments	Targets Security No	Nes			
Release Configuration	This page disp	lays general inform	nation about a JMS syste	m module and its resouces.	t also allows you to configure ne	w resources and access existing re	sources.
Jomain Structure	Name:		SystemModule		The same of the P.F.	stern module. More Info	
ISRA_domain S Environment Deployments Services		or File Name:		dule-0-jms.xml		odule descriptor file. More Info	
Messaging     MS Servers     Store-and-Forward Agents     Store-and-Forward Agents     Brodges     Brodges     DOC     Persistent Stores     Fash Services     Foreign JNDI Providers     -Work Comtexts	destriatio P Custor Summar New				tem module, including queue an and store-and-forward paramete		onies, 345 templates, ing 1 - 1 of 1 Previous  Next
	-	ame vi	Type	JNDI Name	Subdeploymer	4	Targets
How do I		ueue-0	Oueue	190F			
		Delete	2000	130		Show	ing 1 - 1 of 1 Previous   Next
a Configure 3MS system modules a Configure subdeployments in 3MS system modules a Configure resources for 3MS system modules	Aller						

3. Click **New** Button for creating JMS Connection Factory. The following screen appears:

zenda2 - Remote Desktop			
💁 BEA WebLogic Server Administration C	Console - Microsoft Internet Explorer	and a second	111
the Lot you Favorites Look the	P		
🔾 Back. + 🔿 - 🖻 😰 🐔 🔎 Search	h 🎲 Favorites 🕑 🙆 - 🍡 🗔		
Address Netp-//localhost:7001/console/con	scie.portal?_r/pb=true%_pageLabel=3msCreateSyst	mModuleEvity63mcTreateSystemModuleEvityFortletcurrertModule=SystemModule=363msCreateSystemModuleEvityFortlet_actionOverride=(conjbeajconsole/actiona)) 👻 😰 🚱	UN
Chea WEBLOGIC SERVER			
Change Center	Welcome, weblogic	Connected to: ISRA_domain & Home   Log Out   Preferences   Macord   Help   Asids	EA:E
View changes and restarts	Home > 3H5 Hodules > SystemHodule-0 >	PH5 Modules > SystemModule-0 > 2H5 Modules > SystemModule-0 > 2H5 Modules > SystemModule-0 > 2H5 Modules > SystemModule-0	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Create a New JMS System Modu	e Resource	
	Back Next Trub Cancel		
Lock & Edit Release Configuration	Choose the type of resource Use these pages to create resource	r you want to create. crois a 3745 system module, such as queues, topics, templates, and connection factories.	
Domain Structure	formation on the two of our of	ce you select, you are prompted to enter basic information for creating the resource. For targetable resources, like stand-alone queues and topics,	
ISRA_domain IIII Isrvironment —Deployments B Services B Massaging	<ul> <li>connection factories, distributed</li> </ul>	ce you seed, you ale prompter to emer baak, montanon for orealing the resource. Nor Gargestable resources, les attan-sums quaues and topol, queues and topol, forgen enners, and 1555 56 destinations, you can alle proved to targetto galage and selecting approximate enner targets. Too sources with subdeptoyments, which is an advanced mechanism for grouping 2kG module resources and the members to server resources.	
- 3MS Servers - Store-and-Forward Agents - 3MS Modules	Connection Factory	Defines a set of connection configuration parameters that are used to create connections for 3MS clients. More Info	
II Bridges III 2000 Persistent Stores	C Queue	Defines a point-to-point destination type, which are used for asynchronous peer communications. A message delivered to a queue is distributed to only one consumer. More brito	
- Path Services - Foreign JNDI Providers - Work Contexts - 3ML Registries	C Topic	Defines a publish/u.bloche destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all typic consumers. More Infi	BODS -
	Distributed Queue	Defines a set of queues that are distributed on multiple IMS servers, but which are accessible as a single, logical queue to IMS clients. More Info	
# Configure quotas for destinations # Configure 3MS templates	C Distributed Topic	Defines a set of topics that are distributed on multiple 3MS servers, but which are accessible as a single, logical topic to 3MS clients. More info	
Configure destination keys     Gonfigure topics     Configure queues	C Foreign Server	Defines foreign messaging providers or remote WebLogic Server instances that are not part of the current domain. More Info	
Configure connection factories     Gonfigure uniform distributed topics	C quota	Controls the allotment of system resources available to destinations. More Info,	
<			2

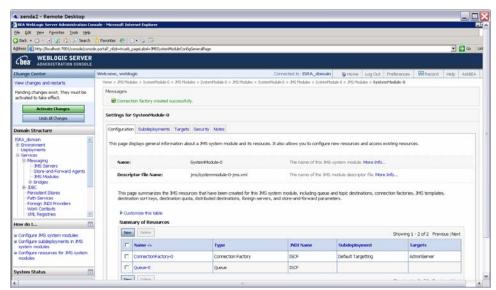
4. Select radio button corresponding to **Connection Factory** and click **Next**. The following screen appears:

zenda2 · Remote Desktop			
BLA WebLogic Server Administration Co	nsole - Microsoft Internet Explorer		- 11
Ele Edt Yew Favorites Isols Help			
🔾 Back + 🔿 - 💽 😰 🐔 🔎 Search	📅 Favorites 😧 斗 🏷 🗔		
ddress a http://localhost:7001/console/cons	le.portal?3msCreateSystemModuleErittyPortlet_acti	tonOvende=(con/bea/console)actions/ms/modules/system/createer#ty/selectEr#tyType	Go Lini
Chea WEBLOGIC SERVER			
Change Center	Welcome, weblogic	Connected to: ISRA_domain & Home Log Out Preferences Record Help	AskBEA
View changes and restarts	Home > 3HS Modules > SystemModule-0 > 3	3M5 Modules > SystemModule=0 > 3M5 Modules > SystemModule=0 > 3M5 Modules > SystemModule=0 > 3M5 Modules > SystemModule=0	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Link B.Edit Release Configuration Domain Structure	14100	les used to identify your new connection flactory. The current module is SystemModule 0.	
ISPA, domain = = Unroroment = - Deployments = Services = Services = - State-and Forward Agents = - State-and Forward Agents = - State-and Forward Agents = - State-and Forward Agents = - Resistant States = - Partisetint States	What would you like to name y Name: What XEN Name would you like JNDI Name: Rec. Nent. Presh. Cancel	ConnectionFactory:0	
Horrego, 2001 Providers Wark Contents YML Registries     Provide Line     Configure quotes for destinations     Configure 2x15 Implates     Configure destination keys     Configure destination keys     Configure destination keys     Configure destination keys			
Configure queces     Configure connection factories     Configure uniform distributed topics			

5. Enter the Connection factory name (User can enter the name, other than default). The JNDI name of the connection factory must be the same (also case-sensitive) as mentioned in the **ra.xml** file. Click **Next.** The following screen appears:

zenda2 - Remote Desktop			
EEA WebLogic Server Administration Co	isole - Microsoft Internet Explorer		
the tolk your revortes look the			
🔾 Back + 🔿 - 💽 😰 🏠 🔎 Search			
Address 🕘 Http://localhost:1001/console/conso	ie.portal?3msCreateSystemModuleErkRyPortlet_act	ionOverride=Jcon/bea/console/actions/jms/connection/oreate/msconnection/actory/selecttargets	💌 🛃 Go 🗤
Chea WEBLOGIC SERVER			
Change Center	Welcome, weblogic	Connected to: ISRA_domain	Prome Log Out Preferences Record Help Ask8EA
View changes and restarts	Home > 3HS Modules > SystemModule-0 > 2	2HS Nodules > SystemPlodule-0 > 2HS Hodules > SystemPlodule-0 > 2HS Modules > SystemPlodule	e-0 > 3H5 Hodules > SystemModule-0
No prochog charges exit. Clot & e Relaxeo Configuration Mutanto Halaviori offers to add the domain. Constantiation of the Configuration Domain Structure ISFA, domain & Environment & Environment & Configuration & Configur	The following properties will Use this page to view and accep want to accept the default targe	In Resource and Tayatra, Control be used to Larget your new 245 system module resource at the indust tayatra inter this 245 resource will be tayatra. The indust tayatra inter the 245 pressure will be tayatra in the indust tay of the indust tayatra in the subdeptyment mechanism for target gets will be used at the default targets for your new 245 system module resource. If Forwars	ting this resource.
Bit Modules     Bit Program     Bit Roge     Bit Roge     Bit Roge     Bit Roge     Bit Roge     Fight Serves     Fight Serves     Fight Serves     Fight Serves	Received Concerned Concerned	E AdmirGerver	

6. Click Finish. The following screen appears:



7. Click Activate Changes. An overview of the settings is reflected.

### **Configuring ISRA Parameters for Performance Statistics**

The following parameters must be configured in **ra.xml** if user wants to configure EnablePerformanceLogging:

#### JmsConnectionFactory

It is the name of the connection factory configured on the JMS server. The default value is 'ConnectionFactory'.

#### JmsQueueName

It is the name of the queue configured on the JMS server. The default value is 'testQueue'.

#### • PortNumber

It is the port number on which the WebLogic server is running. The default value is 7001.

#### • MachineName

This is the machine name on which the WebLogic server is running. The default value is 'local host'.

#### AppServerInitialContext

It is the name of the initial context class for WebLogic server. The default value is 'Weblogic.jndi.WLInitialContextFactory'.

#### EnableLoggingFileName

This is the name of the file where the current value of PerformanceLogging will be updated. The default value is 'enableJMS\_ISCF.properties'.

Note This file must be a properties file.

6

# Undeployment

This section describes undeployment procedure to remove the ISRA and the Sample Application from the WebLogic Server.

### **Undeploying ISRA**

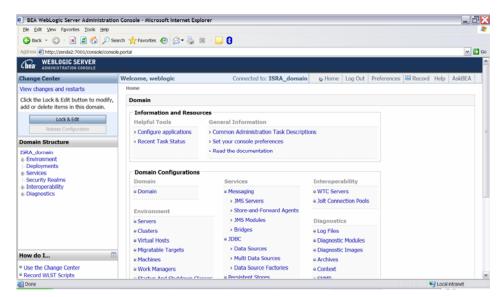
To undeploy ISRA ensure that WebLogic admin server is running. If it is not, start the WebLogic Administration Server as explained in the <u>Deploying ISRA</u> section.

The steps to undeploy ISRA using the Administration Console are:

1. To start the administrative console, enter the following URL in the Web browser http://hostname:portnumber/console. The WebLogic admin console sign on screen appears, as shown below:

Image: Decision of the provide logic logi	_ 2	BEA WebLogic Server Administration Console - Microsoft Internet Explorer
Constant of the second	4	e Edit View Fgivorites Iools Help
Code WEBLOGIC SERVER Log in to work with the WebLogic Server domain Username: Iwoblogic Password:		🕽 Back 🔹 🐑 · 💌 😰 🏠 🔎 Search 👷 Favorites 🤣 🍰 🖷 - 🧾 🕄
Log in to work with the WebLogic Server domain Username: weblogic Password:	× 🗗 🤇	dress 🛃 http://zenda2:7001/console/login/LoginForm.jsp;ADMINCONSOLESESSION=GSbQJLKQDX30ptr5d8f85LMknP14m3T1vLTkFbfQ18jyFhzWZvMt1116755483
		Log in to work with the WebLogic Server domain Username: weblogic Password:

2. Enter **Username** and **Password**. Click **Sign In** to access the WebLogic admin console. The following screen appears:



#### 3. Click Deployments. The following screen appears:

Ele Edit View Favorites Tools Help	C Bac	0		Searc	h 🤺 Favorites 🕢 🖾 - 🥁 🛐			(
Address Attp://zenda2:7001/console/console		-						~
Source (El unbritre parti, contronand conoce	porta: _rep		gennes-reported	y memore e				
View changes and restarts					mmary of Deployments > ISRAConsole > Summary of Deploym	ents > FNImageViev	er > Summary	of Deployments >
Click the Lock & Edit button to modify,	ISRA_do	man > Sun	nmary of Deployn	nents				
add or delete items in this domain.	Summ	nary of D	Deployments					
Lock & Edit	Contr	rol Monito	oring					
Release Configuration					plications and stand-alone application modules that ha			
Oomain Structure			nd modules can l g the controls o		ed, stopped, updated (redeployed), or deleted from th	e domain by first	selecting th	e application
SRA_domain	TRATTR	: and using	g the controls o	n uns pe	sge.			
- Environment - Deployments	To in	stall a nev	w application or	module	for deployment to targets in this domain, click the Ins	tall button.		
Services								
-Security Realms -Interoperability	PO	ustomize th	his table					
i-Diagnostics	Der	loyment						
		tal Upda		Start -	Stop *	Choude	a 1 - 2 of 2	Previous Next
		on opor	ne Dente	DODE C				
					When work completes		Î.	Deployment
		Name #	÷		When work completes Force Stop Now	State	Туре	Deployment Order
			∾ mageViewer			State Active	Entormrino	Order
tow do I		≍ gʻbFNIr			Force Stop Now		Enterprise	Order
Install an Enterprise application Configure an Enterprise application		≡ ∰FNIr @ISRA			Force Stop Now	Active	Enterprise Application Resource Adapter	0rder 100 100
Install an Enterprise application Configure an Enterprise application Update (redeploy) an Enterprise application		≡ ∰FNIr @ISRA	mageViewer AConsole	Start   =	Force Stop Now	Active Active Active	Enterprise Application Resource Adapter Enterprise Application	0rder 100 100
Install an Enterprise application Configure an Enterprise application Update (redeploy) an Enterprise		in gibFNIr @ISRA in gibISR/	mageViewer AConsole	Start   =	Force Stop Now Stop, but continue servicing administration requests	Active Active Active	Enterprise Application Resource Adapter Enterprise Application	Order           100           100           100

4. Select the check box corresponding to the name of the file to be undeployed, and click **Force stop now** from the **Stop** drop-down button. For example: in the above screenshot, **ISRA** is selected. The following screen appears:

BEA WebLogic Server Administration	, Console - Microsoft Internet Explorer	_ 2
Ele Edit View Favorites Tools Help	🔇 Back - 🐑 - 🗷 🖉 🏠 🔎 Search 🤺 Favorites 🤣 🎯 - 🤤 💈	
Address 🛃 http://zenda2:7001/console/consol	.portal?AppGlobalForceStopPortletreturnTo=AppDeploymentsControlPage&AppDeploymentsControlPortlethandle=com.bea.console.handles.JM04andle%28%22com.bea%	💌 🛃 Go
Cibea WEBLOGIC SERVER		1
Change Center	Welcome, weblogic Connected to: ISRA_domain & Home Log Out Preferences Record Help Ask	BEA
View changes and restarts Click the Lock & Edit button to modify.	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments > FNImageVewer > Summary of Deployments ISRA_doman > Summary of Deployments	>
add or delete items in this domain.	Stop Application Assistant	
Lock & Edit	Yes No	
Release Configuration	Stop Deployments	
Domain Structure	You have selected the following deployments to be immediately stopped. Press 'Yes' to continue, or 'No' to cancel.	
ISRA_domain & Environment - Deployments	= ISRA	
<ul> <li>Services</li> <li>Security Realms</li> <li>Interoperability</li> </ul>	Yes No	
in-Diagnostics		
How do I 🗔		
Start and stop a deployed Enterprise application		
Configure an Enterprise application		

5. Click **Yes** to stop the application. The **Summary of Deployments** screen appears:

Idsk telt button to modify,       Idsk_doman > Summary of Deployments         Idsk_doman > Summary of Deployments         Image: Configuration       Messages         Image: Configuration       Selected Deployments have been requested to stop.         Services       Selected Deployments         Services       Control Monitoring         This page displays a list of Java EE applications and stand-alone application modules that have been installed to this domain. Installed         Deployments       Services         Services       Services         Services       To install an env application or module for deployment to targets in this domain, click the Install button.         Playmostics       Name +         State       Type         Deployment       State         Diagnostics       State         Install an Enterprise application       State         Configuration       Name +         State       Type         BisRA       Prepared Resource Application         State       Type         State       State         Diagnostics       State         State       Type         Deployment       State         State       Type         Deployment       State         <	BEA WebLogic Server Administration G	•		-
BBR_doman > Summary of Deployments         Becker Configuration         Decker Configuration         Decker Configuration         Deployments         Services         Security Reams         Interoperability         Diagnoetics         We d L         Install an Enterprise application Configuration         Active         Digits (redeploy) an Enterprise application         State       Type         Deployments         Services         Security Reams         Interoperability         Diagnoetics         We d L         Install an Enterprise application Configuration         State       Type         Deployment         State       Type         Deployment       Active         State       State      <	le <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> oois <u>H</u> elp	🔇 Back 🔹 🜍 🕤 📓 🙆 🏠 🔎 Search 👷 Favorites 🤣 🍰 🐇	🗷 - 🔜 🚯	
ick the Lock & Edit button to modify, a or delete items in this domain.	dress 🕘 http://zenda2:7001/console/console.p	orta?_nfpb=true8_pageLabel=AppDeploymentsControlPage		~
id or delete items in this domain.       Messages         Idex delete items in this domain.       Messages         Idex delete items in this domain.       Messages         Idex delete       Selected Deployments have been requested to stop.         Sentorment       Selected Deployments         Services       Control (Monitoring)         This page displays a list of Jave EE applications and stand-alone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application name and using the controls on this page.         Security: Realms: Interoperability: Diagnoetics       To install a new application or module for deployment to targets in this domain, click the Install button.         P Customize this table       State       Type       Deployment order         Install an Enterprise application on fordiger an Enterprise application and modules can be stated, stopped.       State       Type       Deployment order         Implate (redeploy): an Enterprise application ordiger an Enterprise application ordiger an Enterprise application or a failer Resource in this domain or a failer Resource in this domain or a failer Resource in this domain or a failer Resource in the information or a failer Resource in the i	ick the Lock & Edit button to modify	ISRA_domain > Summary of Deployments		
Luck Luk       Present Configuration         Related Configuration       Summary of Deployments         RAL_domain       Environment         Deployments       Services         Security Relations       Ist of Jave EE applications and stand-alone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application and submit to install a new application or module for deployment to targets in this domain, click the Install button.         Disponentics       * Customize this Table         Disponentics       Interoperability         Disployments       State         To install an Enterprise application Dipdate (redeploy) an Enterprise application       State       Type       Deployment Order         Stat and stop a deployed Enterprise application       BISRA       Prepared Resource to indigitable       100         Is stat and stop a deployed Enterprise       Active       Enterprise to indigitable       100		Messages		
wind structure         W. domain         Summary of Deproyments         Services         Security Rains         Interoperability         Diagnostics         W do L         Install a networphic application         Install an Enterprise application         Somigrame in Enterprise application         Diagnostics             W do L             Install an Enterprise application         Somigrame in Enterprise application         Somigrame in Enterprise application         Solution configure an Enterprise application         State       Type         Deployment         State       State         Type       Deployment         State       State         Source       Active         State       State         State       State         State       Type         Deployment       State         State       State         State       State         State       State         State       State         State       State         State       State         State <t< td=""><td>Lock &amp; Edit</td><td>Selected Deployments have been requested to stop.</td><td></td><td></td></t<>	Lock & Edit	Selected Deployments have been requested to stop.		
Control (Monitoring) Control (	Release Configuration	Summary of Deployments		
Environment Deployment Services Services Services W do L  rot install a netverprise application and gues an Enterprise	main Structure	Control Monitoring		
Name ~     State     Type     Deployment Order       Install an Enterprise application Update (redeploy) an Enterprise application     REMOVE Active     Resource addition     100       ##BFNImageViewer     Active     Enterprise Application     Intelline     100       Statt and stop a deployed Enterprise     ##BFNImageViewer     Active     Enterprise Active     Intelline	Deployments Services Security Realms Interoperability	name and using the controls on this page. To install a new application or module for deployment to targets in th <sup>10</sup> <u>Customize this table</u>		ecting the application
Name >     State     Type     Deployment Order       install an Enterprise application Configure an Enterprise application Opdate (redeption) an Enterprise application     Resource     100       isstall and SRA     Prepared     Resource     100       isstall and SRA     Prepared     Resource     100       isstall and SRA     Prepared     Resource     100			Showing 1	- 3 of 3 Previous Next
Install an Enterprise application Configure an Enterprise application Update (redeploy) an Enterprise application Start and stop a deployed Enterprise :: ##SRAConsole :: #JaSRAConsole :: #JASRA				Deployment
Jpdate (redeploy) an Enterprise pplication sait and stop deployed Enterprise sait and stop deployed Enterprise 10 algebra d		sightNImageViewer		
Start and stop a deployed Enterprise a Start and stop a deployed Enterprise and a stop a deployed Enterprise and a store and a	Jpdate (redeploy) an Enterprise	E ØISRA		
		□ ∞ ∰ISRAConsole		
Instal Update Dette Showing 1 - 3 of 3 Previous Next	tonitor the modules of an Enterprise	Install Update Delete Stort Stop	Showing 1	- 3 of 3 Previous   Next

6. Click **Lock and Edit** button to make the console editable. The following screen appears:

Ele Edit View Favorites Tools Help	🔇 Back - 🐑 - 🗷 🗟 🏠 🔎 Search 🤺 Favorites 🚱 🍰 - 🤤 🕄		
ddress 🕘 http://zenda2:7001/console/console	e.portal?_nfpb=true8_pageLabel=AppDeploymentsControlPage		
/iew changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of De ISRA_domain > Summary of Deployments	eployments > FNImageView	er > Summary of Deployments
o pending changes exist. Click the elease Configuration button to allow thers to edit the domain.	Summary of Deployments		
Lock & Edit Release Configuration	Control Monitoring This page displays a list of Java EE applications and stand-alone application modules ti applications and modules can be started, stopped, updated (redeployed), or deleted fin		
Oomain Structure	name and using the controls on this page.		
E-Environment Deployments Services Security Realms	To install a new application or module for deployment to targets in this domain, click the P Customize this table	he Install button.	
Services			a 1 - 3 of 3 Previous : Next
- Environment - Deployments - Services - Security Realms - Interoperability	Customize this table     Deployments		g 1 - 3 of 3 Previous   Nex Type Deployment Order
- Environment - Deployments - Services - Security Realms - Interoperability -	Customize this table Deployments  Deter  Deter  Escativ  Escativ Escativ Escativ  Escativ Esca	Showin	Deployment
- Environment - Deployments - Services - Security Realms - Interoperability		Showin State	Type Deployment Order
Environment Deployments Services Services Security Realms Interoperability Diagnostics		Showin State Active	Type Deployment Order Enterprise 100 Resource 100

The **Release Configuration** button, along with the buttons under **Deployment** section is enabled.

7. Under **Deployments**, select the same file as in step 4, and click **Delete** button. The **Install Application Assistant** screen appears:

BEA WebLogic Server Administration	Console - Microsoft Internet Explorer	7
Ele Edit View Favorites Tools Help	🔇 Back + 🐑 - 💌 🖉 🏠 🔎 Search 👷 Favorites 🤣 😥 + 🥁 🗟 - 🕞 🚯	1
Address 🛃 http://zenda2:7001/console/console	e. porta?AppApplcationUninstalPortletreturnTo=AppDeploymentsControlPage&AppDeploymentsControlPortlethandle=com. bea.console.handles.JM04andle%28%22.com. bei 💌 🕻	•
Gea WEBLOGIC SERVER		
Change Center	Welcome, weblogic Connected to: ISRA_domain 😰 Home Log Out Preferences 🖾 Record Help AskBEA	
View changes and restarts	Home > Summary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summary of Deployments > FNImageVewer > Summary of Deployments > ISRA_domain > Summary of Deployments	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Idit Release Configuration Domain Structure Deployments = Services = Services = Interoperability a Diagnostics	Delete Application Assistant         Ym       Mo         Delete Deployments         You have selected the following deployments to be removed from this domain configuration. Click 'Yes' to continue, or 'No' to cancel.         * ISRA         Ym         Mo	
fow do I		
Start and stop a deployed Enterprise		
Done	📢 Local intranet	

8. Click **Yes**. The following screen appears:

	onsole - /	Alcrosoft Internet Explorer			-
Ele Edit View Favorites Iools Help	G Back	- 🔘 - 🗷 🖉 🏠 🔎 Search 👷 Favorites 🤣 🔗 - 🥁 📧 - 🧫	0		
dress Attp://zenda2:7001/console/console.por	rtai?_nfpb	=true&_pageLabel=AppDeploymentsControlPage			~
err changes and restarts		ummary of Deployments > ISRA > Summary of Deployments > ISRAConsole > Summ sin > Summary of Deployments	ary of Deployments > FNImageVev	ver > Summary	of Deployments >
ending changes exist. They must be ctivated to take effect.	Messa	ges			
Activate Changes	Sel	ected Deployments were deleted. Remember to click Activate Changes a	fter you are finished.		
Undo Al Changes	Summ	ary of Deployments			
omain Structure	Contro	Monitoring			
SRA_domain e-Environment <b>Deployments</b> e) Services	applic	ope displays a list of Java EE applications and stand-alone application mo ations and modules can be started, stopped, updated (redeployed), or de and using the controls on this page.			
	To ins	tall a new application or module for deployment to targets in this domain,	, click the Install button.		
-Security Realms 8: Interoperability 8: Diagnostics		tall a new application or module for deployment to targets in this domain, tomize this table	, click the Install button.		
-Interoperability	₽ Cus		, click the Install button.		
-Interoperability	₽ Cus	tomize this table oyments		ng 1 - 2 of 2	Previous   Next
: Interoperability : Diagnostics	P Cus Depl	tomize this table oyments	Showir	ng 1 - 2 of 2 <b>Type</b>	Previous   Next Deployment Order
- Interoperability	▶ Cus Depl Inst	tomize this table oyments I Update Dekke Gazari Scopi +	Showir	Type	Deployment
Interoperability Diagnostics	▶ Cus Depl	tomize this table oyments a Update Dekte   Dect = Dect = Name A	Showir State	Type Enterprise Application	Deployment Order 100

The message: 'Selected Deployments were deleted. Remember to click Activate Changes after you are finished' is displayed.

9. Click Activate Changes button. The following screen appears:

	Console - Mici	rosoft Internet Explorer	
Ele Edit View Favorites Tools Help	G Back 🔹	😳 - 💌 🖻 🏠 🔎 Search 👷 Favorites 🤣 😥 - 🌄 💈 - 🔜 🕄	
Address 🕘 http://zenda2:7001/console/console	.portal?_nfpb=tru	e8_pageLabel=AppDeploymentsControlPage	~
Click the Lock & Edit button to modify, add or delete items in this domain.	ISRA_domain Messages	> Summary of Deployments	
Lock & Edit		nges have been activated. No restarts are necessary.	
Release Configuration	Summary	of Deployments	
Oomain Structure	Control	Monitoring	
ISRA_domain  Environment  Deployments Services Services Security Realms	applicatio	displays a list of Java EE applications and stand-alone application modules that have been installed to th ns and modules can be started, stopped, updated (redeployed), or deleted from the domain by first select using the controls on this page.	
		a new application or module for deployment to targets in this domain, click the Install button.	
	P Custon	ize this table	
e Interoperability 6 Diagnostics		nize this table nents	2 of 2 Previous   Next
Diagnostics	Custon Deployi	nize this table nents	Deployment
ow do I	Custon     Deploy     Instal     Na	ize this table ments Update Debte Stoppine Showing 1- me ~ State Typ WithmaneViewer Arthur Entr	Deployment
ow do I	Custon     Deployi     Instal     Na     %	ize this table ments Update Delete Update Showing 1 - me - State Typ BrillmageViewer Active Entry BrillmageViewer Active Active Active Entry Brillmag	pe Deployment Order
Diagnostics	Custon Deploy Instal Na	ize this table ments Update Deter Users & Showing 1 - me & State Typ BFRImageViewer BJSRAConsole Active Rhp	erprise 100
e Diagnostics ew do I Install an Enterprise application Configure an Enterprise application Update (redeption) an Enterprise application Start and stop a deployed Enterprise	Custon Deploy Instal Na	ize this table ments Update Deter Users & Showing 1 - me & State Typ BFRImageViewer BJSRAConsole Active Rhp	Deployment order           erprise blication         100           erprise blication         100

The system returns to the Deployment page, showing ISRA is undeployed.

**Note** The steps to undeploy the ISRA in clustered environment are same as the above steps.

### **Undeploying Sample Application**

The procedure of undeploying Sample Application is same as Undeploying ISRA. Refer to <u>Undeploying ISRA</u> section for the details.

Ensure that WebLogic Administration server is running, else start the WebLogic Administration Server as explained in the <u>Deploying ISRA</u> section.

### **Undeploying IBM FileNet Image Viewer**

The procedure of undeploying IBM FileNet Image Viewer is same as Undeploying ISRA. Refer to <u>Undeploying ISRA</u> section for the details.

Ensure that WebLogic Administration server is running; else start the WebLogic Administration Server as explained in the <u>Deploying ISRA</u> section.

**Note** The user must undeploy the previous version of IBM FileNet Image Viewer before deploying the latest version.

# Troubleshooting

This section describes how to troubleshoot ISRA.

### **Disabling NCH Broadcasts**

ISRA users (application client) need to access IS libraries across routers on networks where broadcasts are disabled. This is done by creating alias entries for the IS libraries in the hosts file, where ISRA is deployed. ISRA must locate the IP address of the NCH server to find other IS services for an IS setup.

ISRA attempts to find the NCH server by generating broadcast packets, even if the NCH server was not reachable using broadcasts. User can disable NCH server location broadcasts to reduce broadcast traffic on the network.

User may want to disable NCH broadcasts, if:

- Routers are present between servers;
- Want no broadcast activity on the networks;
- Want to force a multi-homed server to use a specific IP address configured by the operating system network directory search facility.

To specify the alias in the hosts file:

- Locate hosts file on the server. It is located in the /etc folder on UNIX systems. On a Microsoft Windows Server, it is located in the \system32\drivers\etc under the Windows installation directory.
- 2. Open the hosts file with a text editor. If the hosts file does not exist, create a new file.
- 3. For each IBM FileNet library that user needs to connect through ISRA, entries should be made in the hosts file as <IP address of domain:organization> <domain-organization>-nch-server, where:
  - <IP address of domain:organization> is IP address of an IBM FileNet domain and organization identifying the target IBM FileNet library system (NCH Server).
  - <domain-organization> is domain and organization name. The rules to follow while specifying the domain-organization name are:
    - Delete all characters except ASCII alphanumeric characters and hyphens.
    - Convert all upper case characters to lower case.
    - Insert a hyphen between the domain and organization names.
    - Append nch-server as a literal.

For example, if an IBM FileNet library has a domain, fn\_is, and organization, IBM, and its IP address is 123.45.6.78, the hosts file entry will be 23.45.6.78 fnis-IBM-nch-server

# **Appendix A**

### ra.xml

```
<?xml version="1.0" encoding="UTF-8" ?>
   <!DOCTYPE connector (View Source for full doctype...)>
<connector>
 <display-name>ISRA</display-name>
 <vendor-name>IBM</vendor-name>
 <spec-version>1.0</spec-version>
 <eis-type>IBM FileNet Image Services</eis-type>
 <version>3.4.0</version>
license>
 license-required>false</license-required>
  </license>
<resourceadapter>
 <managedconnectionfactory-
    class>com.filenet.is.ra.spi.FN_IS_SpiManagedConnectionFactory</managedc
    onnectionfactory-class>
 < connection factory-
    interface>javax.resource.cci.ConnectionFactory</connectionfactory-interface>
 < connection factory-impl-
    class>com.filenet.is.ra.cci.FN_IS_CciConnectionFactory</connectionfactory-
    impl-class>
 <connection-interface>javax.resource.cci.Connection</connection-interface>
 <connection-impl-class>com.filenet.is.ra.cci.FN_IS_CciConnection</connection-
    impl-class>
 <transaction-support>NoTransaction</transaction-support>
<config-property>
 <description>Domain name of the Image Services Server</description>
 <config-property-name>DomainName</config-property-name>
 <config-property-type>java.lang.String</config-property-type>
 <config-property-value>FileNetIS</config-property-value>
   </config-property>
<config-property>
 <description>Organization name of the Image Services Server</description>
 <config-property-name>OrganizationName</config-property-name>
 <config-property-type>java.lang.String</config-property-type>
 <config-property-value>IBM</config-property-value>
   </config-property>
<config-property>
 <description>0-Exceptions and Warnings; 1-Info; 2-Debug Level</description>
 <config-property-name>LoggingLevel</config-property-name>
 <config-property-type>java.lang.lnteger</config-property-type>
 <config-property-value>0</config-property-value>
   </config-property>
<config-property>
```

```
<description>0-No Logging; 1-Console Logging; 2-File Logging; 3-Both(File and
    console) </description>
 <config-property-name>LoggingMode</config-property-name>
 <config-property-type>java.lang.lnteger</config-property-type>
 <config-property-value>3</config-property-value>
   </config-property>
<config-property>
 <description>Page data fetch size (in kilo bytes)</description>
 <config-property-name>PageBufferSize</config-property-name>
 <config-property-type>java.lang.Integer</config-property-type>
 <config-property-value>64</config-property-value>
   </config-property>
<config-property>
 <description>Cache refresh interval(in minutes)</description>
 <config-property-name>CacheRefreshInterval</config-property-name>
 <config-property-type>java.lang.lnteger</config-property-type>
 <config-property-value>30</config-property-value>
   </config-property>
    <!--
  Added by IBM for caching of groups only
   -->
<config-property>
 <description>Security cache mode(1-caches users and groups 2- caches groups
    only) </description>
 <config-property-name>SecurityCacheMode</config-property-name>
 <config-property-type>java.lang.lnteger</config-property-type>
 <config-property-value>1</config-property-value>
   </config-property>
 - <!--
  Added by IBM for selective metadata cache refresh
   -->
<config-property>
 <description>Selective metadata refresh(0-No refresh 1-printer cache 2-doc
    class cache 4-key fields cache 8-menu values cache ) </description>
 <config-property-name>MetaDataCacheRefreshMode</config-property-name>
 <config-property-type>java.lang.lnteger</config-property-type>
 <config-property-value>15</config-property-value>
   </config-property>
<config-property>
 <description>Name of the Product</description>
 <config-property-name>ProductName</config-property-name>
 <config-property-type>java.lang.String</config-property-type>
 <config-property-value>IBM FileNet Image Services Resource Adapter</config-
    property-value>
   </config-property>
<config-property>
 <description>Product Version</description>
 <config-property-name>ProductVersion</config-property-name>
 <config-property-type>java.lang.String</config-property-type>
 <config-property-value>ISRA 3.4.0 Enterprise</config-property-value>
```

```
</config-property>
< config-property>
 <description>ISRA Logfile name (can include path)</description>
 <config-property-name>LogFileName</config-property-name>
 <config-property-type>java.lang.String</config-property-type>
 <config-property-value>ISRA.log</config-property-value>
   </config-property>
<config-property>
 <description>Maximum Size of ISRA LogFile (in mega bytes)</description>
 <config-property-name>LogFileSize</config-property-name>
 <config-property-type>java.lang.Integer</config-property-type>
 <config-property-value>5</config-property-value>
   </config-property>
<config-property>
 <description>LDAP Authentication Class Name</description>
 <config-property-name>LdapImplClassName</config-property-name>
 <config-property-type>java.lang.String</config-property-type>
 <config-property-value>com.filenet.is.ra.fnis.FN_IS_IPlanetImpl</config-
    property-value>
   </config-property>
<config-property>
 <description>Server details for LDAP Authentication</description>
 <config-property-name>LdapImplClassString</config-property-name>
 <config-property-type>java.lang.String</config-property-type>
 < config-property-
    value>filenetserver;389;ou=filenet,ou=people,dc=filenetroot</config-
    property-value>
   </config-property>
<config-property>
 <description>Inherently login through LDAP authentication or not 0-Direct IS
    Login;1-LDAP Authentication </description>
 <config-property-name>InherentLogin</config-property-name>
 <config-property-type>java.lang.lnteger</config-property-type>
 <config-property-value>0</config-property-value>
   </config-property>
<config-property>
 <description>ISRA instance that is currently being deployed on a single
    machine; Min Value = 1, Max Value = 100</description>
 <config-property-name>DeploymentInstance</config-property-name>
 <config-property-type>java.lang.lnteger</config-property-type>
 <config-property-value>1</config-property-value>
   </config-property>
<config-property>
 <description>Parameter to enable PCH Logging in ISRA</description>
 <config-property-name>PCHLogging</config-property-name>
 <config-property-type>java.lang.String</config-property-type>
 <config-property-value>Disabled</config-property-value>
   </config-property>
<config-property>
 <description>LDAP Anonymous user login flag</description>
```

```
<config-property-name>AllowAnonymousUser</config-property-name>
 <config-property-type>java.lang.Boolean</config-property-type>
 <config-property-value>true</config-property-value>
   </config-property>
<config-property>
 <description>0-No Logging; 1-File Logging</description>
 <config-property-name>RPCLogging</config-property-name>
 <config-property-type>java.lang.lnteger</config-property-type>
 <config-property-value>0</config-property-value>
   </config-property>
<config-property>
 <description>Codepage for ISRA</description>
 <config-property-name>ClientCodepage</config-property-name>
 <config-property-type>java.lang.String</config-property-type>
 <config-property-value>cp1250</config-property-value>
   </config-property>
<config-property>
 <description>Set this flag to true if your application displays the dates returned
    from ISRA in GMT Timezone</description>
 <config-property-name>GMTEnabled</config-property-name>
 <config-property-type>java.lang.Boolean</config-property-type>
 <config-property-value>false</config-property-value>
   </config-property>
< config-property >
 <description>Locale of the Image Services Server (two letter ISO language
    code, for example en, de, ar, ja) </description>
 <config-property-name>ISLocale</config-property-name>
 <config-property-type>java.lang.String</config-property-type>
 <config-property-value>en</config-property-value>
   </config-property>
<config-property>
 <description>It is a configurable parameter to Ignore [77,0,11 The object is
    busy] error, incase of DocMigration </description>
 <config-property-name>IgnoreObjectBusyMsgInDocMigration</config-property-
    name>
 <config-property-type>java.lang.Boolean</config-property-type>
 <config-property-value>false</config-property-value>
   </config-property>
<authentication-mechanism>
 <authentication-mechanism-type>BasicPassword</authentication-mechanism-type>
 <credential-interface>javax.resource.security.PasswordCredential</credential-
   interface>
   </authentication-mechanism>
 <reauthentication-support>false</reauthentication-support>
   </resourceadapter>
   </connector>
```

# **Notices**

### **Notices**

This information was developed for products and services offered in the U.S.A.

IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not grant you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing

IBM Corporation

North Castle Drive

Armonk, NY 10504-1785

U.S.A.

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

IBM World Trade Asia Corporation

Licensing

2-31 Roppongi 3-chome, Minato-ku

Tokyo 106-0032, Japan

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law: INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

**IBM** Corporation

J46A/G4

555 Bailey Avenue

San Jose, CA 95141-1003

U.S.A.

Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

The licensed program described in this document and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement or any equivalent agreement between us.

Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

All statements regarding IBM's future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

#### **COPYRIGHT LICENSE:**

This information contains sample application programs in source language, which illustrate programming techniques on various operating platforms. You may copy, modify, and distribute these sample programs in any form without payment to IBM, for the purposes of developing, using, marketing or distributing application programs conforming to the application programming interface for the operating platform for which the sample programs are written. These examples have not been thoroughly tested under all conditions. IBM, therefore, cannot guarantee or imply reliability, serviceability, or function of these programs.

### Trademarks

• IBM is a registered trademark of International Business Machines Corporation in the United States, other countries, or both.

- Adobe, the Adobe logo, PostScript, and the PostScript logo are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States, and/or other countries.
- Cell Broadband Engine is a trademark of Sony Computer Entertainment, Inc. in the United States, other countries, or both and is used under license there from.
- Java and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.
- Microsoft, Windows, Windows NT, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.
- Intel, Intel logo, Intel Inside, Intel Inside logo, Intel Centrino, Intel Centrino logo, Celeron, Intel Xeon, Intel SpeedStep, Itanium, and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.
- UNIX is a registered trademark of The Open Group in the United States and other countries.
- Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.
- ITIL is a registered trademark, and a registered community trademark of the Office of Government Commerce, and is registered in the U.S. Patent and Trademark Office.
- IT Infrastructure Library is a registered trademark of the Central Computer and Telecommunications Agency, which is now part of the Office of Government Commerce.
- Other company, product, or service names may be trademarks or service marks of others.

## Index

AllowAnonymousUser, 41 CacheRefreshInterval, 41 Changing ISRA Specific Parameters, 40 Changing ISRA Specific Parameters for LDAP, 92 ClientCodepage, 41 Configure a JMS Queue, 96 Configure JMS Connection Factory, 101 Configuring and Deploying ISRA Console and Sample Application, 48 Configuring Deployed ISRA, 40 Configuring ISRA Parameters for Performance Statistics, 104 Configuring JMS Server, 93 Configuring Multiple IS Servers with ISRA, 47 Configuring Performance Statistics from **ISRA**, 93 Configuring Sample Application, 48 Configuring Weblogic-Specific Entities, 8 Deploying FileNet Image Viewer in a Clustered Environment, 77 Deploying FileNet Image Viewer in a Standalone Environment, 69 Deploying ISRA in a Clustered Environment, 29 Deploying ISRA in a Standalone Environment, 6 Deploying the ISRA Console and Sample Application in a Clustered Environment, 58 Deploying the ISRA Console and Sample Application in a Standalone Environment, 50 Deployment Requirements, 6 DeploymentInstance, 39, 41

**Disabling NCH Broadcasts**, 112 DomainName, 41 Enabling Quick Start Feature, 86 Explanation for Terminal name and ISRALock folder, 38 FileNet Image Viewer Quick Start Feature, 86 GMTEnabled flag, 46 InherentLogin, 41 ISRA Configuration, 40 ISRA Console, 48 ISRA Deployment, 6 Known Issues in the Quick Start Feature, 87 LDAP Configuration, 90 LdapImplClassName, 41 LdapImplClassString, 41 LogFileName, 41 LogFileSize, 41 LoggingLevel, 41 LoggingMode, 41 Mandatory Requirements for ISRA 3.4.0, 38 Mapping Existing LDAP Server Users to IS, 90 OrganizationName, 41 PageBufferSize, 41 PCHLogging, 41 ra.xml, 114 RPCLoaging, 41 **Testing Sample Application**, 88 Troubleshooting, 112 Undeploying FileNet Image Viewer, 111 Undeploying ISRA, 106 Undeploying Sample Application, 110 Undeployment, 106 Using the ISRA Console, 67