



Installing and Deploying LiveCycle® ES for WebLogic®

UNOFFICIAL GUIDE WITH SCREENSHOTS!

Realized by
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September 2007

How to use this guide

This section provides all the screenshots describing a typical installation of Forms And ARES ES on Windows/Weblogic/MySQL

Every Chapter reflects the official Adobe Guides “prepareinstall.pdf” and “install_weblogic.pdf”. Follow the steps in the official manual and use this guide for further details on some steps and quick suggestions.

The example on this guides reports MySQL as a DB but is UNSUPPORTED!!!

Before leaving the office....

Just before you go installing the software you can verify a short list of items in order to save a lot of time. If something is not correct, or unavailable fix the problem before you go.

System requirements

Minimum hardware requirements

Operating system Minimum hardware requirement

Intel® Pentium® 3 or x86 equivalent, 1 GHz processor

VMWare ESX and GSX

RAM - 2 GB

Free disk space - 2.7 GB of temporary space plus 1.7 GB for LiveCycle ES

Supported software

You **MUST** assume that you'll find the following environment with everything already installed.

Operating system

Microsoft Windows Server® 2003, Enterprise Edition SP1, Standard Edition SP1, R2 (32 bit architectures and VMWare ESX/GSX)

Application Server

BEA WebLogic 9.2 (Advantage and Premium editions)

Database

IBM DB2 8.2, 8.1 FixPack 7a

Oracle 9i, 10g

Microsoft SQL Server 2005 SP1

Required “additional” Software and tools

Server side

- Customer's serial numbers
- Customer's ARES Credentials
- jdk-1_5_0_11-windows-i586-p.exe
- jrockit-jdk1.5.0_06 (JRockit 5.0 R26.4 CR302700 (for use with WLS 9.2 MP1)
- GUI to administer MySQL or DBs
- 1 open PDF file to test ARES

Client side

- Adobe Reader 8.1
- Flash Player 9 active x

Database Setup

To setup your DB follow the steps on manual.

Weblogic setup and configuration

Upgrade the JRockit® JDK to 1.5.0_06. (See the list "Before leaving the office")

To set the JAVA_HOME environment (Windows):

1. Select **Start > Control Panel > System**.
2. Click the **Advanced** tab.
3. Click **Environment Variables**.
4. In the System Variables area, click **New**.
5. Enter JAVA_HOME as the variable name and the directory where you installed Java SDK. This directory is where WebLogic installed the Java SDK containing the /bin subdirectory. For example, type this text:
C:\bea\jrockit-jdk1.5.0_06

Note: To verify your JAVA_HOME environment variable, open a command prompt and run the following command:

```
%JAVA_HOME%\bin\java -version
```

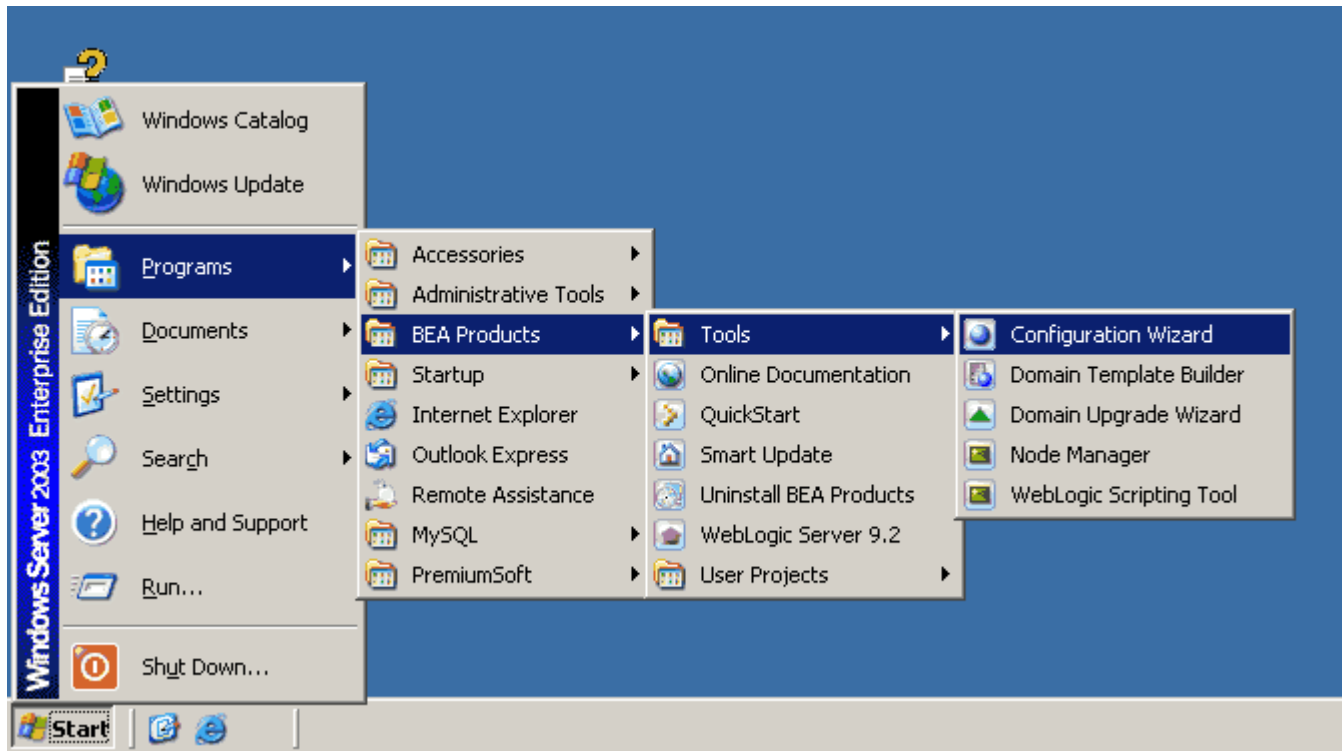
You should receive a response that begins with java version "1.5.0".

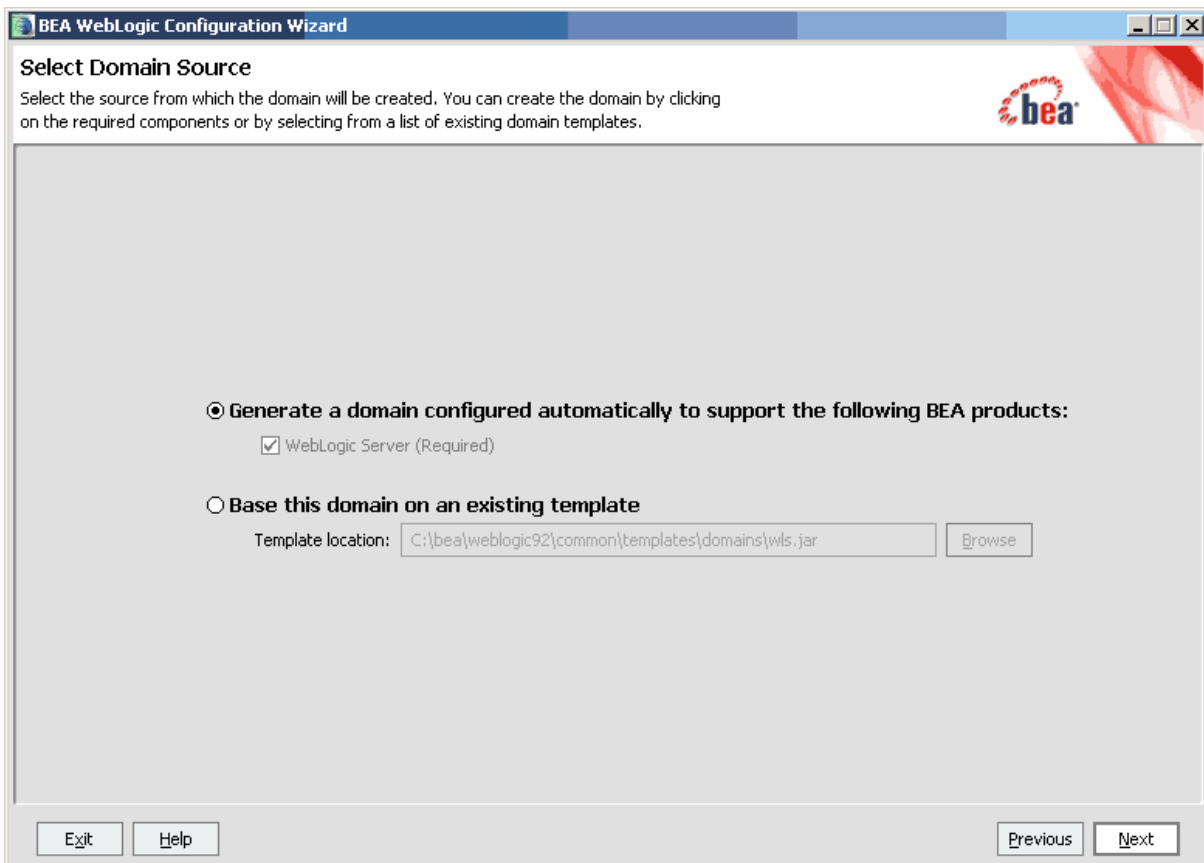
Adobe LiveCycle ES Configuring a WebLogic Server

Preparing to Install LiveCycle ES Creating the WebLogic Server domain 61

☉ To set the PATH environment variable (Windows):

1. Select **Start > Control Panel > System**.
2. Click the **Advanced** tab.
3. Click **Environment Variables**.
4. In the System Variables area, select the PATH variable and click **Edit**. Append the following text to the beginning of the variable value:
%JAVA_HOME%\bin;





BEA WebLogic Configuration Wizard

Configure Administrator Username and Password

Create a user to be assigned to the Administrator role.
This user is the default administrator used to start development mode servers.

[Discard Changes](#)

*User name:

*User password:

*Confirm user password:

Description:

[Exit](#) [Help](#) [Previous](#) [Next](#)

BEA WebLogic Configuration Wizard

Configure Server Start Mode and JDK

Choose the WebLogic domain startup mode and the J2SE Development Kit (JDK) to be used for the domain.

Before putting a domain into production, BEA recommends that you familiarize yourself with the content of "Securing a Production Environment" at <http://e-docs.bea.com/wls/docs90/lockdown/index.html>.

To use WebLogic JRockit in production, BEA recommends developing and testing your applications with WebLogic JRockit early in the project cycle. For information about WebLogic JRockit, see the WebLogic JRockit documentation.

WebLogic Domain Startup Mode

☐ **Development Mode**
Utilize boot.properties for username and password and poll for applications to deploy. Sun JDK recommended for better startup performance during iterative development.

☒ **Production Mode**
Require the entry of a username and password and do not poll for applications to deploy. WebLogic JRockit JDK recommended for better runtime performance and management.

JDK Selection

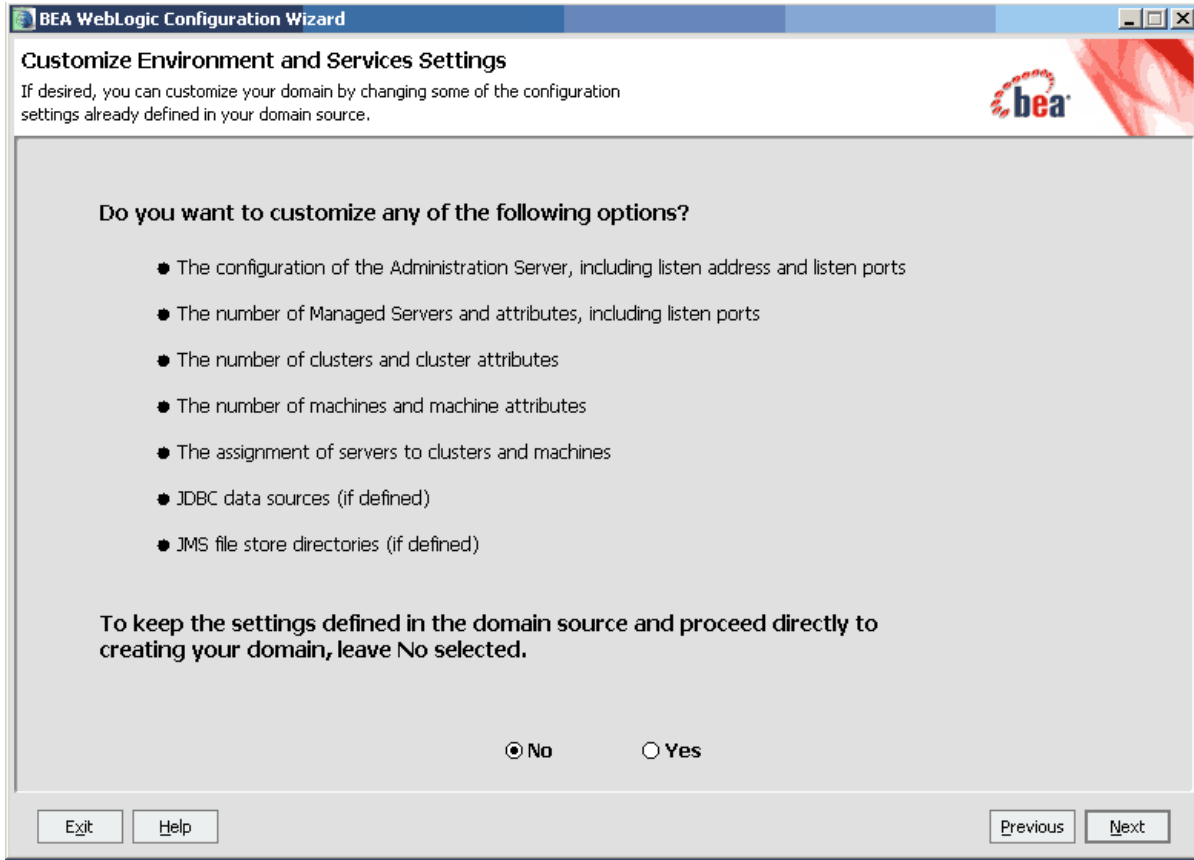
☐ **BEA Supplied JDKs**

JRockit SDK 1.5.0_04 @ C:\bea\jrockit90_150_04
Sun SDK 1.5.0_04 @ C:\bea\jdk150_04

☒ **Other JDK**

Location: [Browse](#)

[Exit](#) [Help](#) [Previous](#) [Next](#)



BEA WebLogic Configuration Wizard

Customize Environment and Services Settings

If desired, you can customize your domain by changing some of the configuration settings already defined in your domain source.

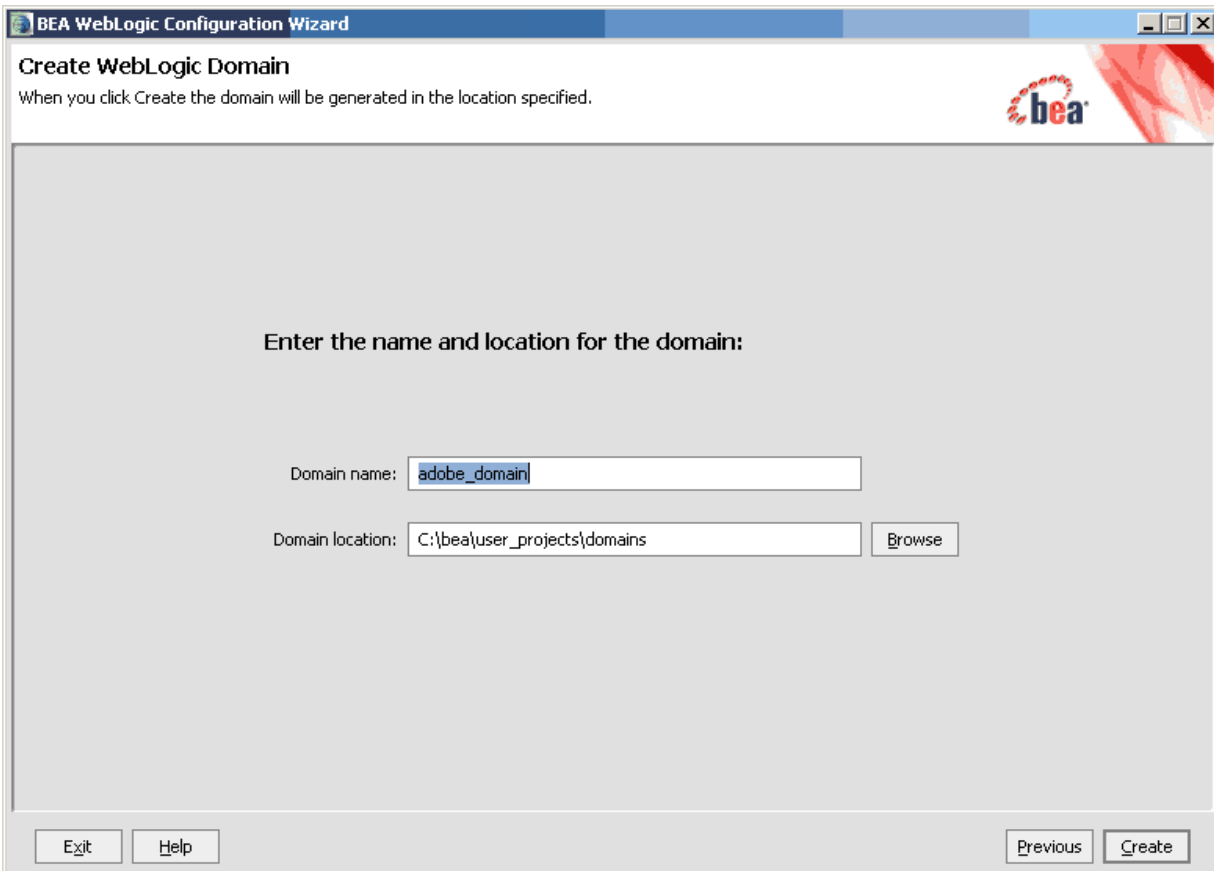
Do you want to customize any of the following options?

- The configuration of the Administration Server, including listen address and listen ports
- The number of Managed Servers and attributes, including listen ports
- The number of clusters and cluster attributes
- The number of machines and machine attributes
- The assignment of servers to clusters and machines
- JDBC data sources (if defined)
- JMS file store directories (if defined)

To keep the settings defined in the domain source and proceed directly to creating your domain, leave No selected.

☒ No ☐ Yes

Exit Help Previous Next



BEA WebLogic Configuration Wizard

Create WebLogic Domain

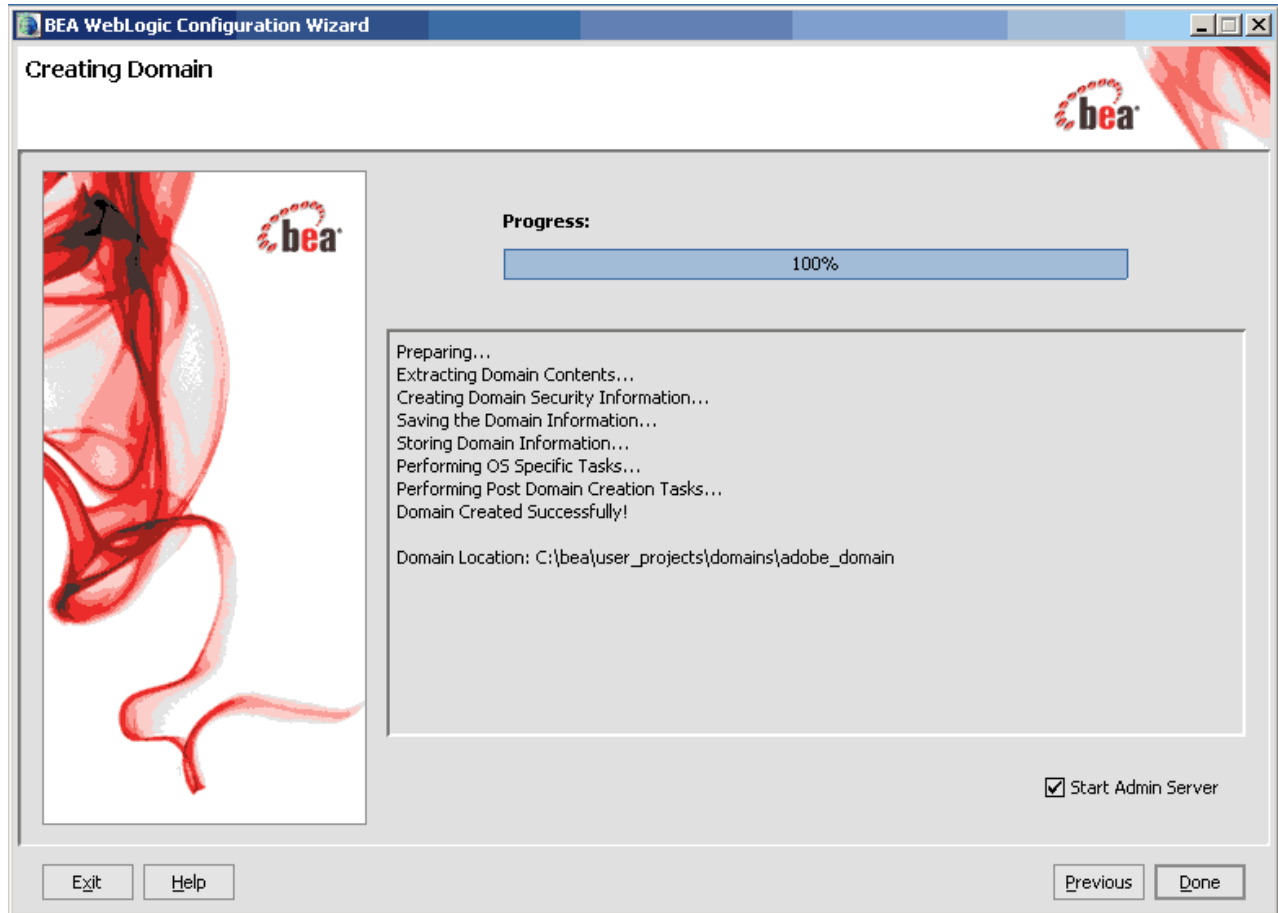
When you click Create the domain will be generated in the location specified.

Enter the name and location for the domain:

Domain name:

Domain location: Browse

Exit Help Previous Create



To set the JAVA_HOME environment (Windows):

1. Select **Start > Control Panel > System**.
2. Click the **Advanced** tab.
3. Click **Environment Variables**.
4. In the System Variables area, click **New**.
5. Enter JAVA_HOME as the variable name and the directory where you installed Java SDK. This directory is where WebLogic installed the Java SDK containing the /bin subdirectory. For example, type this text:
C:\bea\jrockit-jdk1.5.0_06

Note: To verify your JAVA_HOME environment variable, open a command prompt and run the following command:

```
%JAVA_HOME%\bin\java -version
```

You should receive a response that begins with java version "1.5.0".

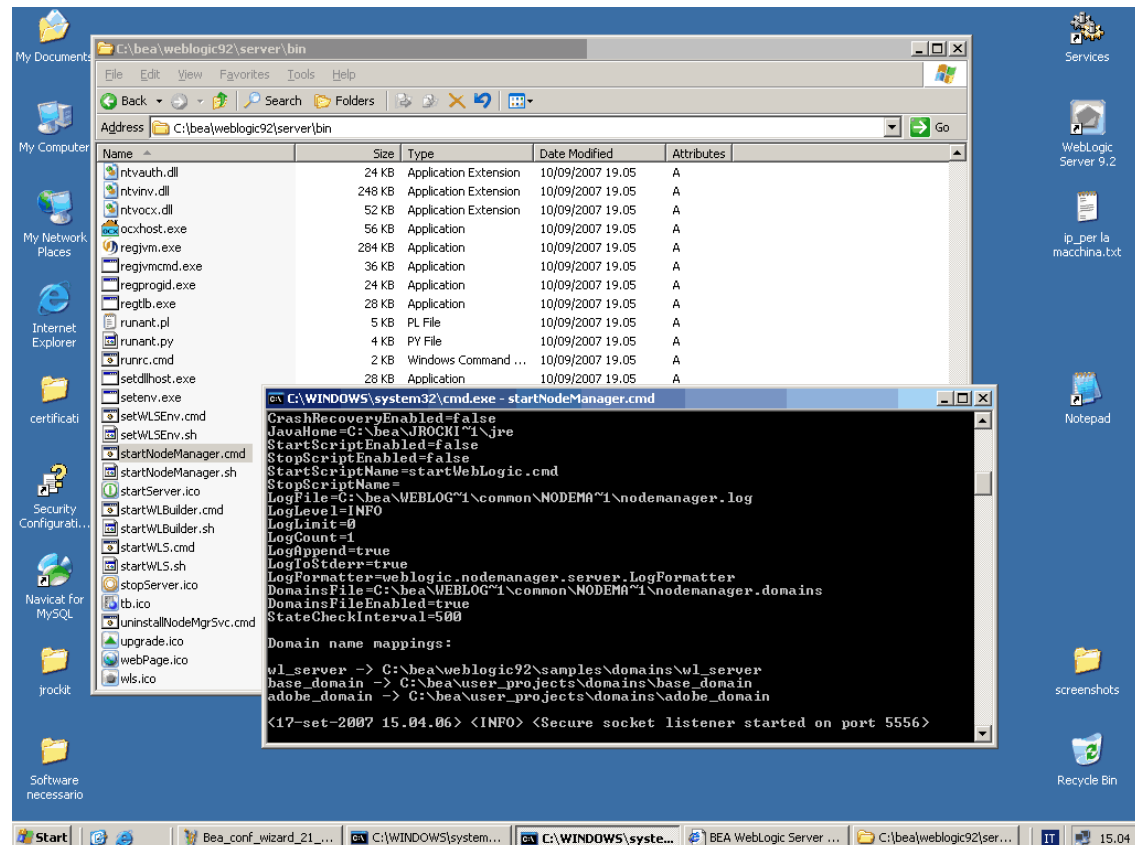
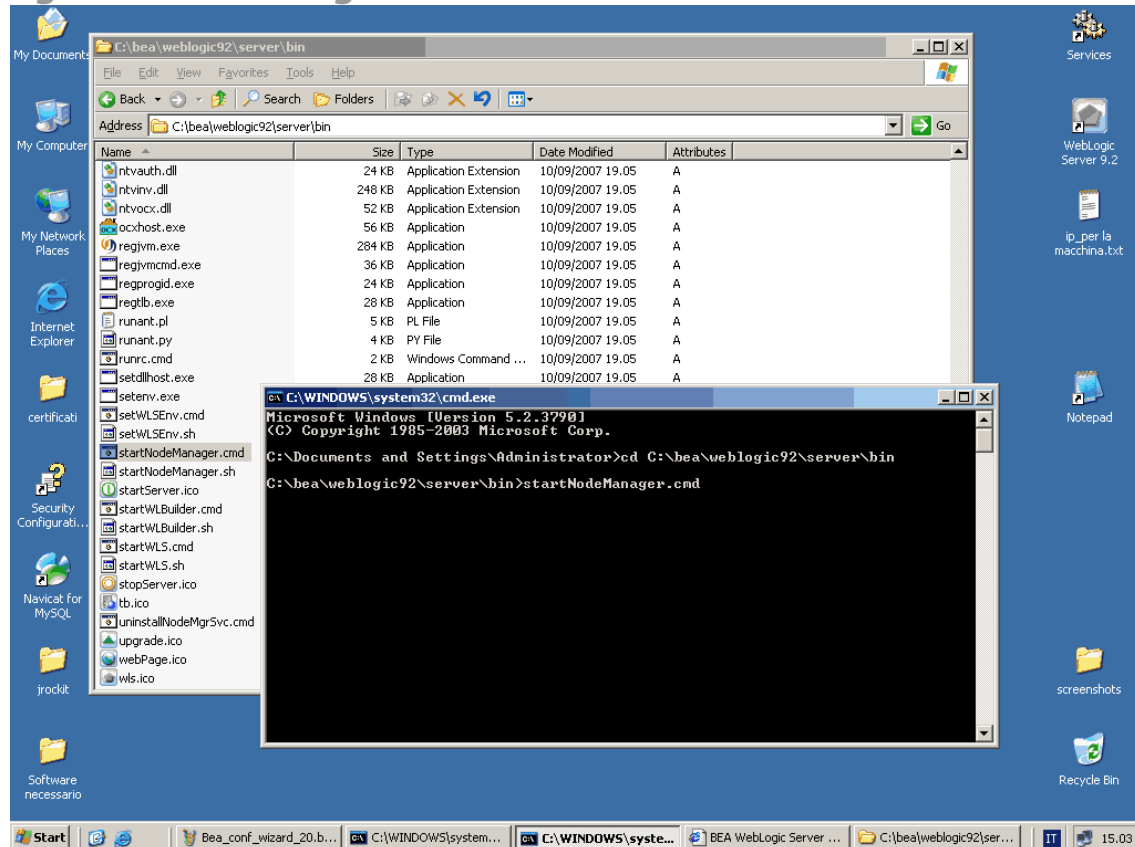
Adobe LiveCycle ES Configuring a WebLogic Server

Preparing to Install LiveCycle ES Creating the WebLogic Server domain 61

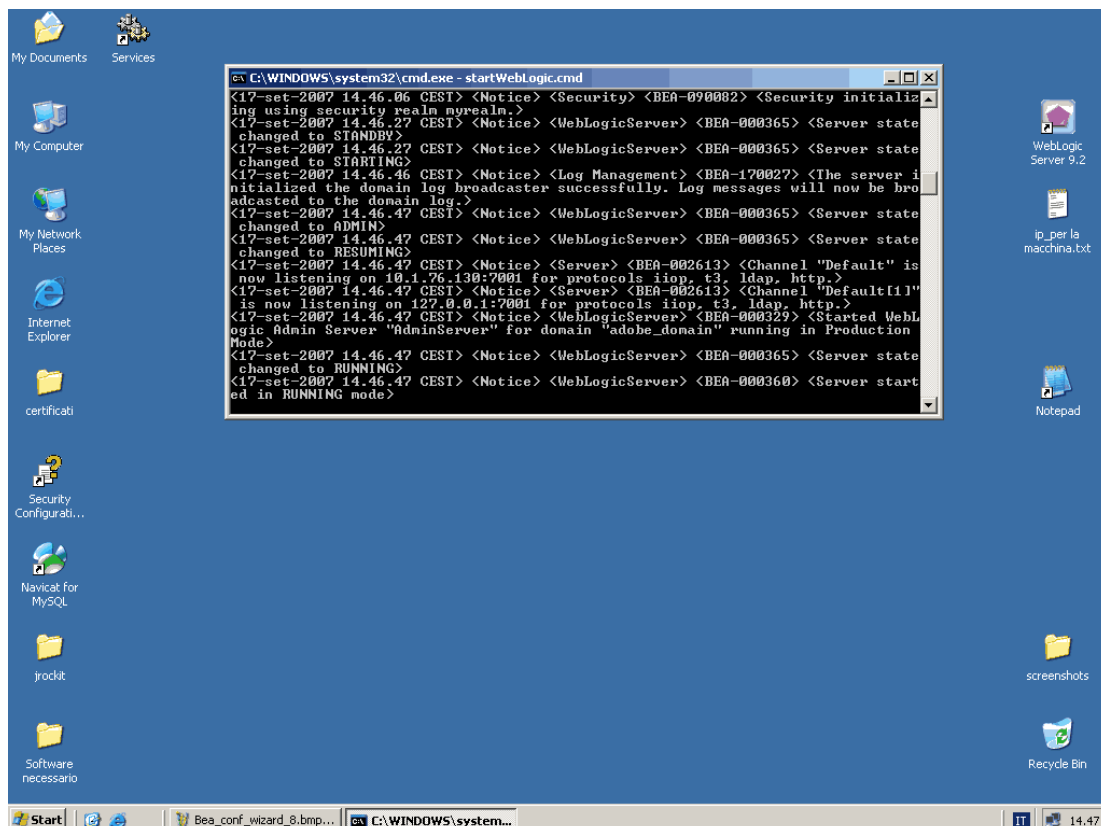
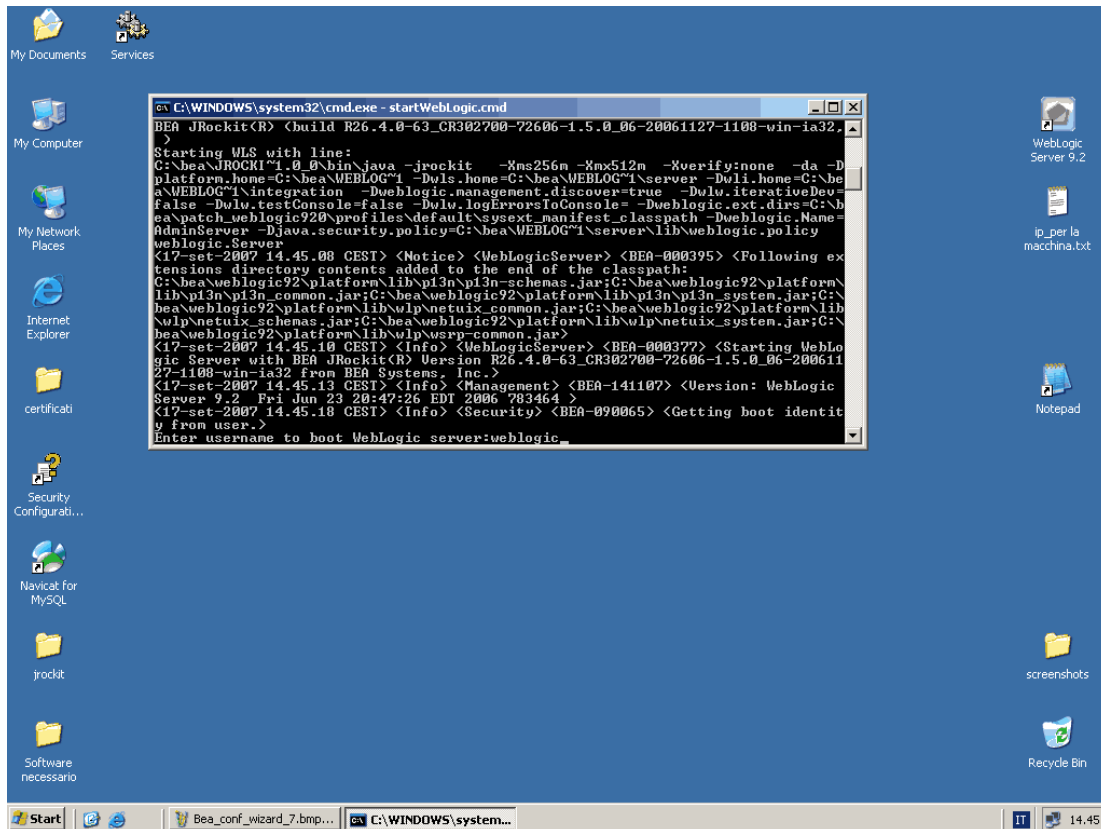
Ⓢ To set the PATH environment variable (Windows):

1. Select **Start > Control Panel > System**.
2. Click the **Advanced** tab.
3. Click **Environment Variables**.
4. In the System Variables area, select the PATH variable and click **Edit**. Append the following text to the beginning of the variable value:
%JAVA_HOME%\bin;

Starting the node manager

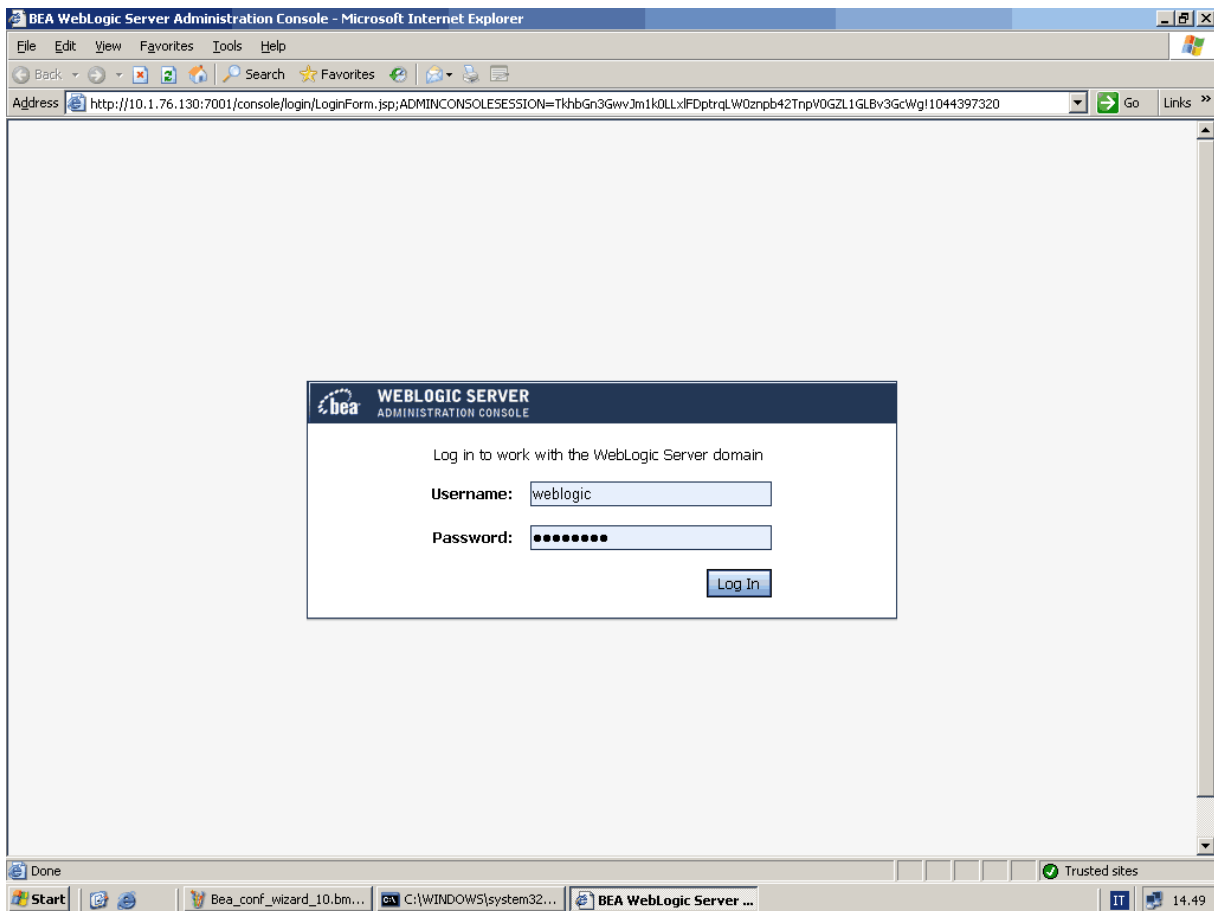


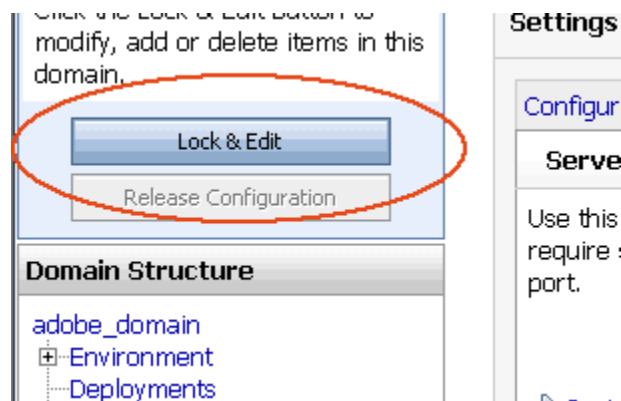
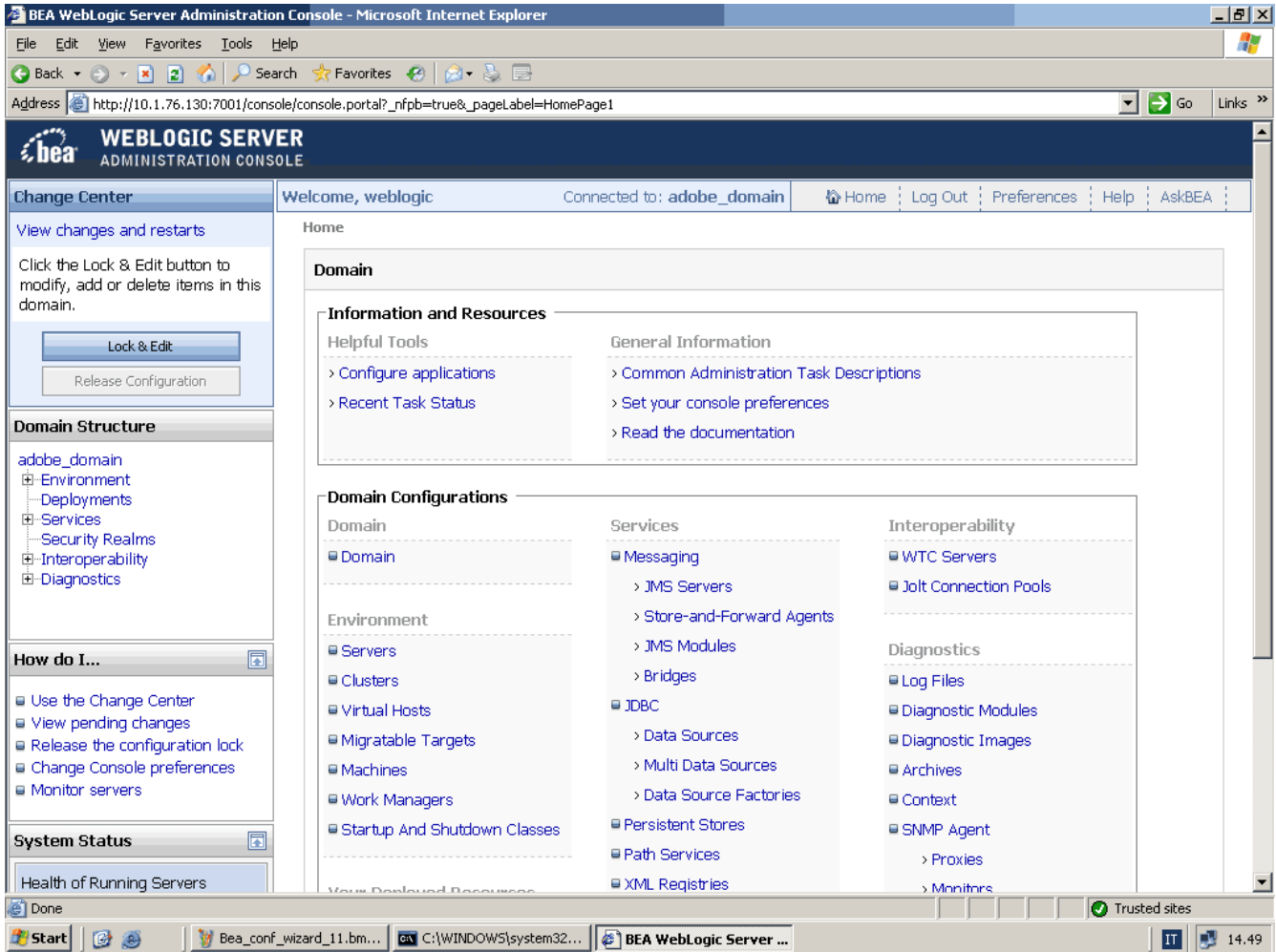
Starting Weblogic Server

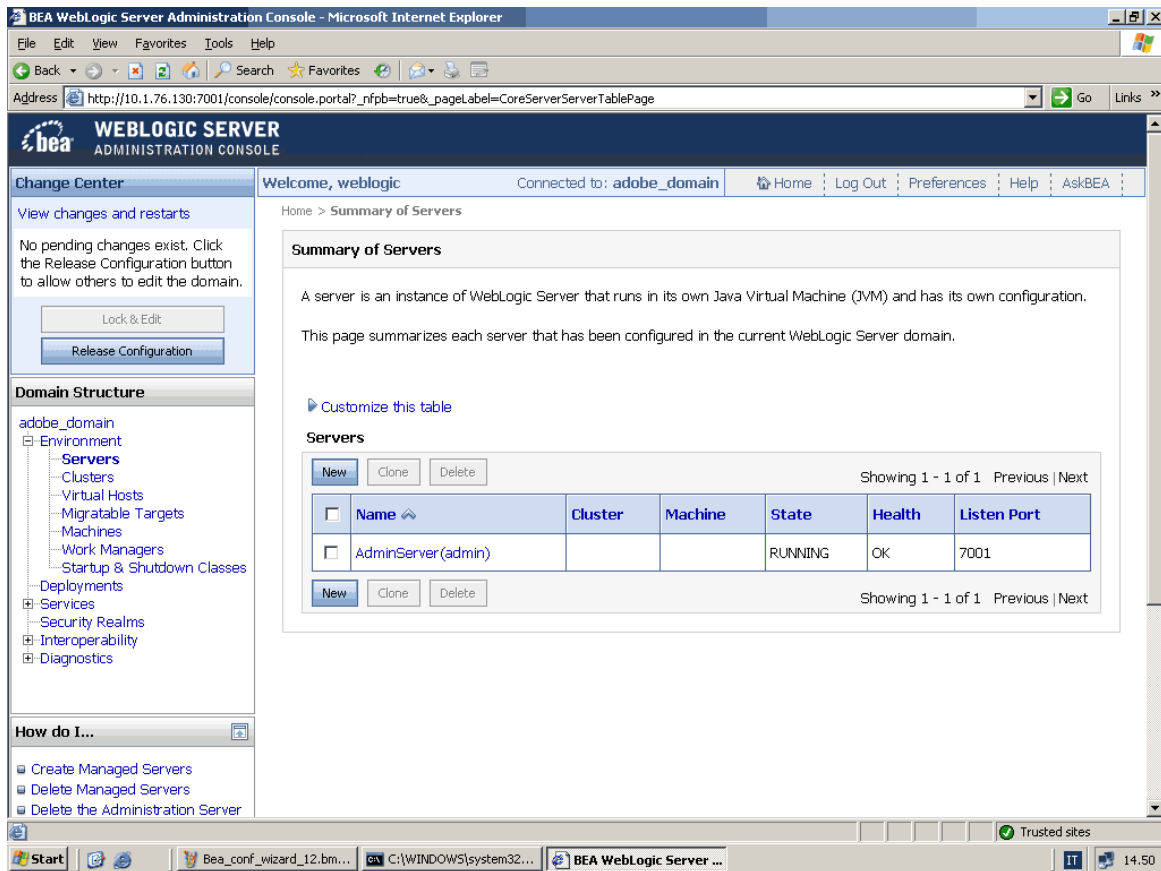


Opening the Weblogic Web Console

My machine had the IP: 10.1.76.130.







BEA WebLogic Server Administration Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites

Address http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=CoreServerServerTabPage

WEBLOGIC SERVER
ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of Servers

Summary of Servers

A server is an instance of WebLogic Server that runs in its own Java Virtual Machine (JVM) and has its own configuration. This page summarizes each server that has been configured in the current WebLogic Server domain.

Customize this table

Servers

New Clone Delete Showing 1 - 1 of 1 Previous Next

<input type="checkbox"/>	Name	Cluster	Machine	State	Health	Listen Port
<input type="checkbox"/>	AdminServer(admin)			RUNNING	OK	7001

New Clone Delete Showing 1 - 1 of 1 Previous Next

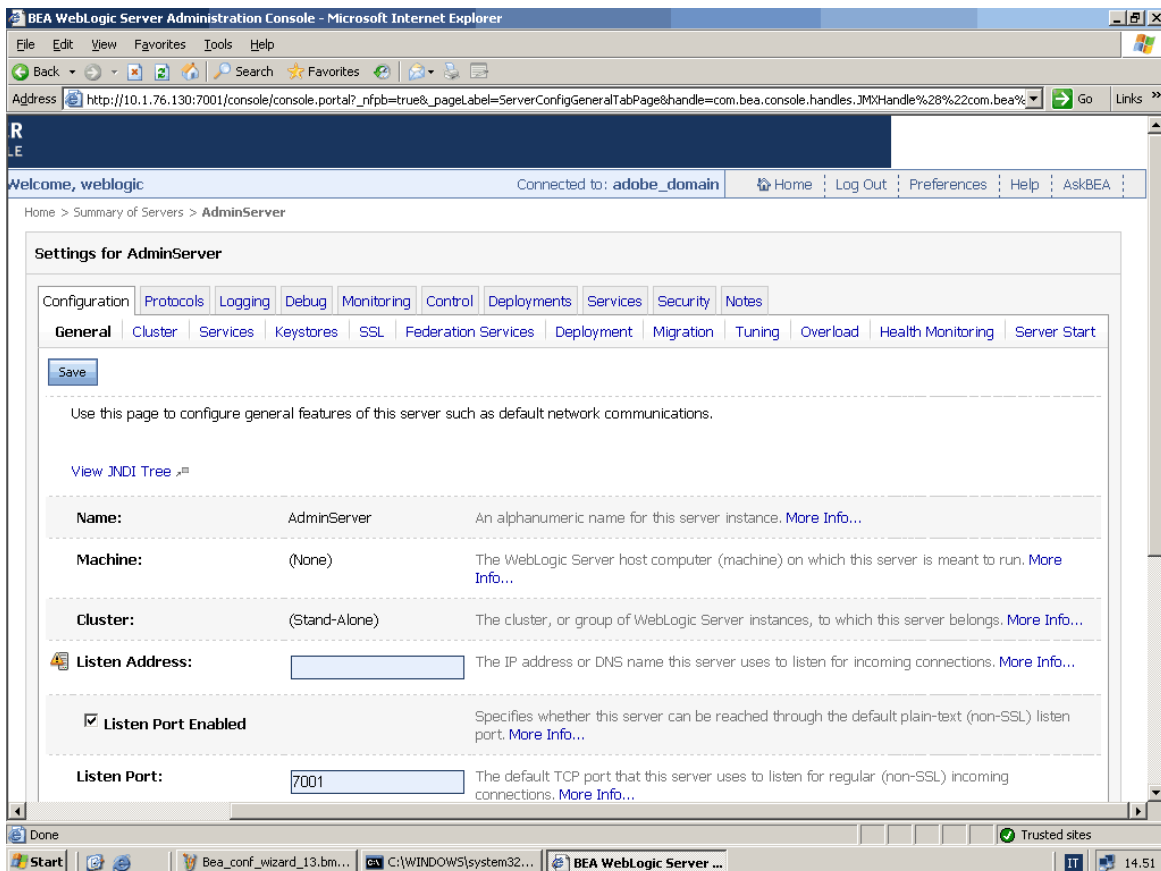
Domain Structure

- adobe_domain
 - Environment
 - Servers
 - Clusters
 - Virtual Hosts
 - Migratable Targets
 - Machines
 - Work Managers
 - Startup & Shutdown Classes
 - Deployments
 - Services
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...

- Create Managed Servers
- Delete Managed Servers
- Delete the Administration Server

Start Beas_conf_wizard_12.bm... C:\WINDOWS\system32... BEA WebLogic Server ... 14:50



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites

Address http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=ServerConfigGeneralTabPage&handle=com.bea.console.handles.JMXHandle%28%22com.bea%2

WEBLOGIC SERVER
ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of Servers > AdminServer

Settings for AdminServer

Configuration Protocols Logging Debug Monitoring Control Deployments Services Security Notes

General Cluster Services Keystores SSL Federation Services Deployment Migration Tuning Overload Health Monitoring Server Start

Save

Use this page to configure general features of this server such as default network communications.

View JNDI Tree

Name: AdminServer An alphanumeric name for this server instance. [More Info...](#)

Machine: (None) The WebLogic Server host computer (machine) on which this server is meant to run. [More Info...](#)

Cluster: (Stand-Alone) The cluster, or group of WebLogic Server instances, to which this server belongs. [More Info...](#)

Listen Address: The IP address or DNS name this server uses to listen for incoming connections. [More Info...](#)

☒ **Listen Port Enabled** Specifies whether this server can be reached through the default plain-text (non-SSL) listen port. [More Info...](#)

Listen Port: 7001 The default TCP port that this server uses to listen for regular (non-SSL) incoming connections. [More Info...](#)

Done Beas_conf_wizard_13.bm... C:\WINDOWS\system32... BEA WebLogic Server ... 14:51

BEA WebLogic Server Administration Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=ServerConfigServerstartTabPage&CoreServerServerConfigServerstartPortlethandle=com.bea.c

Configuration Protocols Logging Debug Monitoring Control Deployments Services Security Notes

General Cluster Services Keystores SSL Federation Services Deployment Migration Tuning Overload Health Monitoring Server Start

Save

Node Manager is a WebLogic Server utility that you can use to start, suspend, shut down, and restart servers in normal or unexpected conditions. Use this page to configure the startup settings that Node Manager will use to start this server on a remote machine.

Java Home: The Java home directory (path on the machine running Node Manager) to use when starting this server. [More Info...](#)

Java Vendor: The Java Vendor value to use when starting this server. For example, BEA, Sun, HP etc. [More Info...](#)

BEA Home: The BEA home directory (path on the machine running Node Manager) to use when starting this server. [More Info...](#)

Root Directory: The directory that this server uses as its root directory. This directory must be on the computer that hosts the Node Manager. If you do not specify a Root Directory value, the default Node Manager working directory is used (generally WL_HOME\common\odemanager). [More Info...](#)

Class Path: The classpath (path on the machine running Node Manager) to use when starting this server. [More Info...](#)

Arguments: The arguments to use when starting this server. [More Info...](#)

Start Bea_conf_wizard_14.bm... C:\WINDOWS\system32... BEA WebLogic Server ...

BEA WebLogic Server Administration Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=ServerConfigServerstartTabPage&CoreServerServerConfigServerstartPortlethandle=com.bea.c

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out

Home > Summary of Servers > AdminServer

Messages

Settings updated successfully.

Settings for AdminServer

Configuration Protocols Logging Debug Monitoring Control Deployments Services Security Notes

General Cluster Services Keystores SSL Federation Services Deployment Migration Tuning Overload Health Monitoring

Save

Node Manager is a WebLogic Server utility that you can use to start, suspend, shut down, and restart servers in normal or unexpected conditions. Use this page to configure the startup settings that Node Manager will use to start this server on a remote machine.

Java Home: The Java home directory (path on the machine running Node Manager) to use when starting this server. [More Info...](#)

Java Vendor: The Java Vendor value to use when starting this server. For example, BEA, Sun, HP etc. [More Info...](#)

BEA Home: The BEA home directory (path on the machine running Node Manager) to use when starting this server. [More Info...](#)

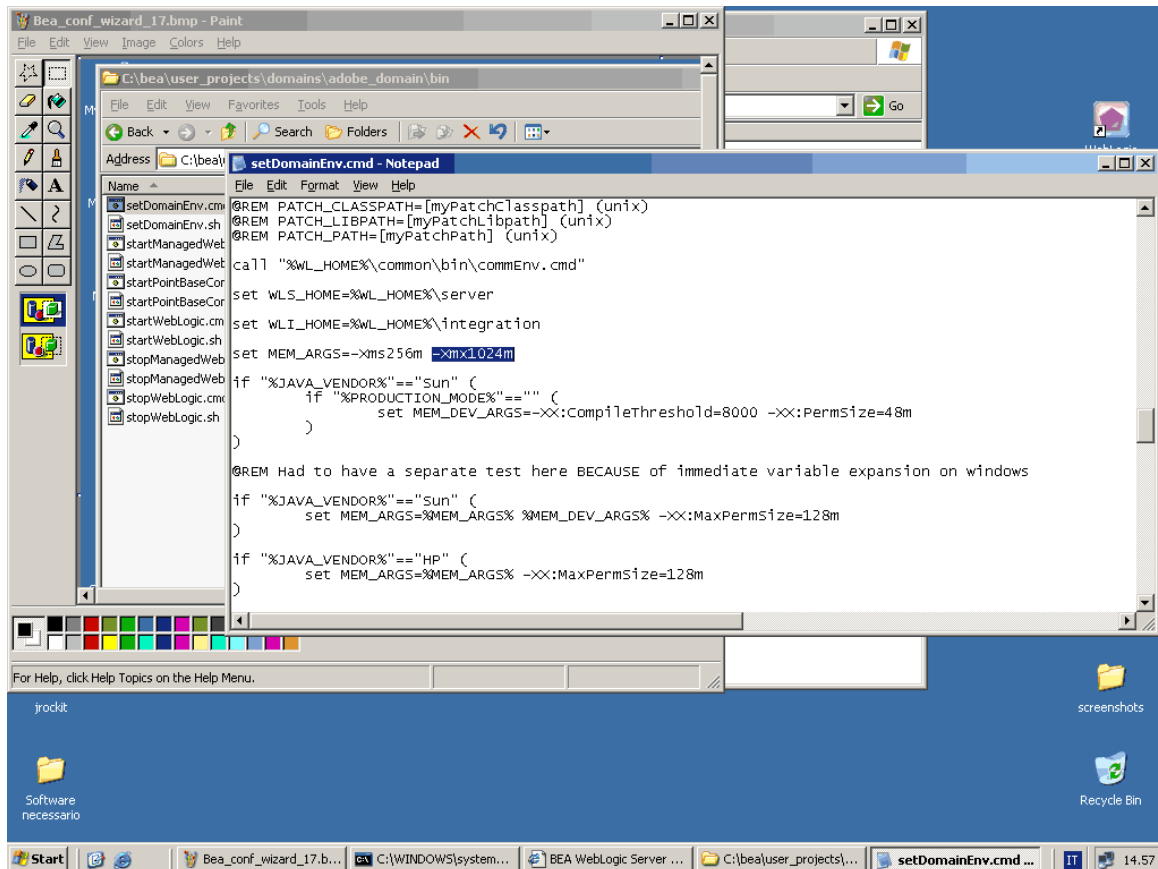
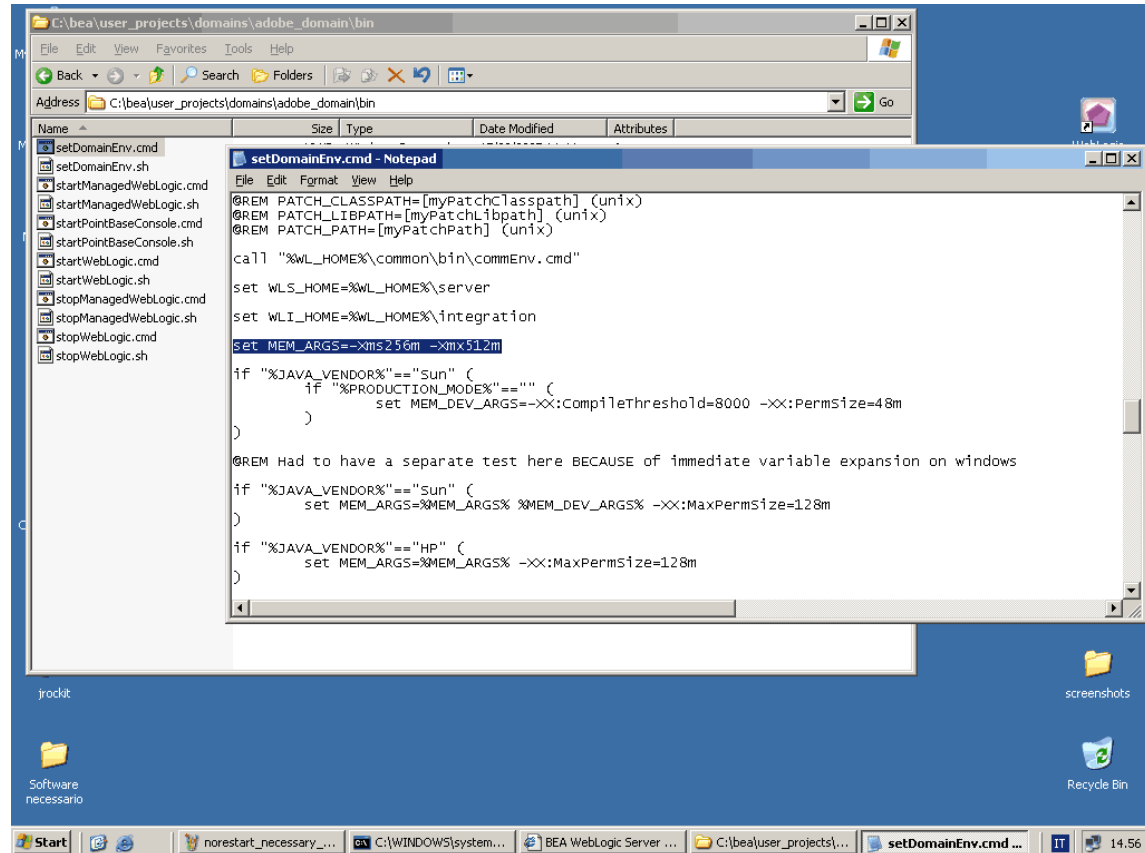
Domain Structure

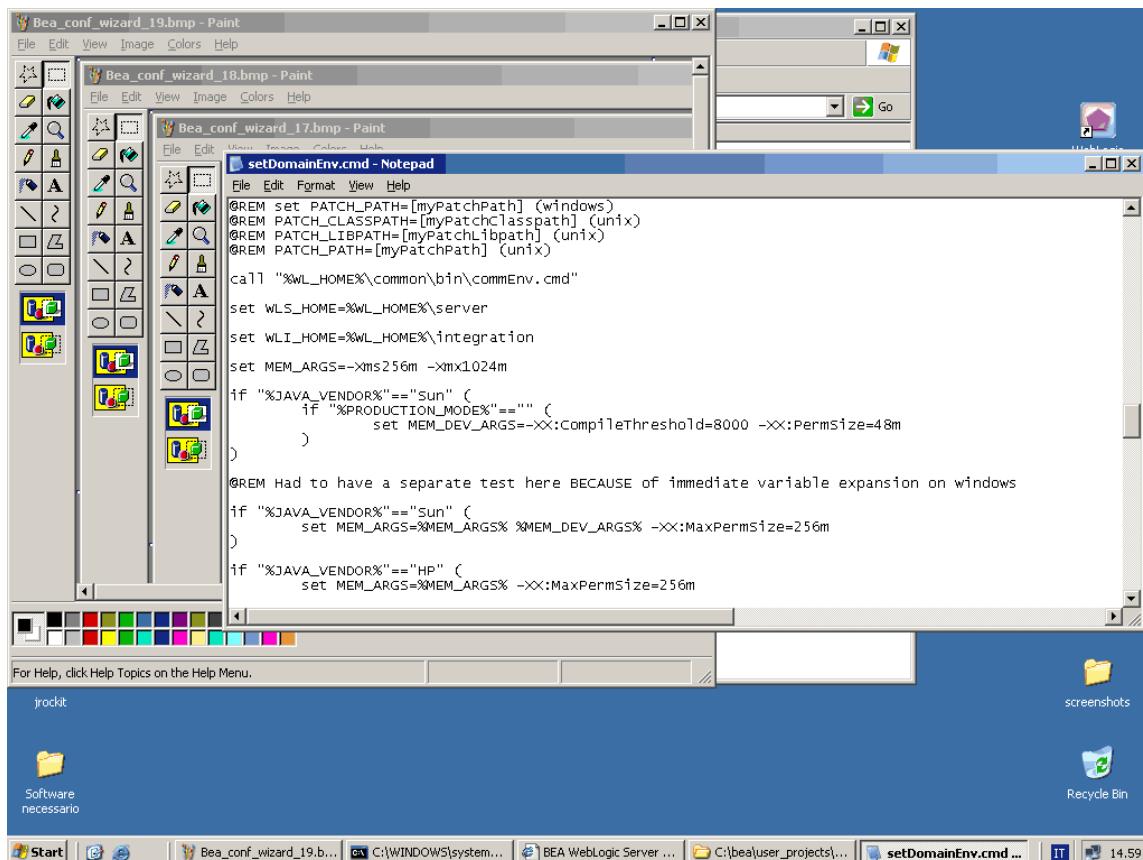
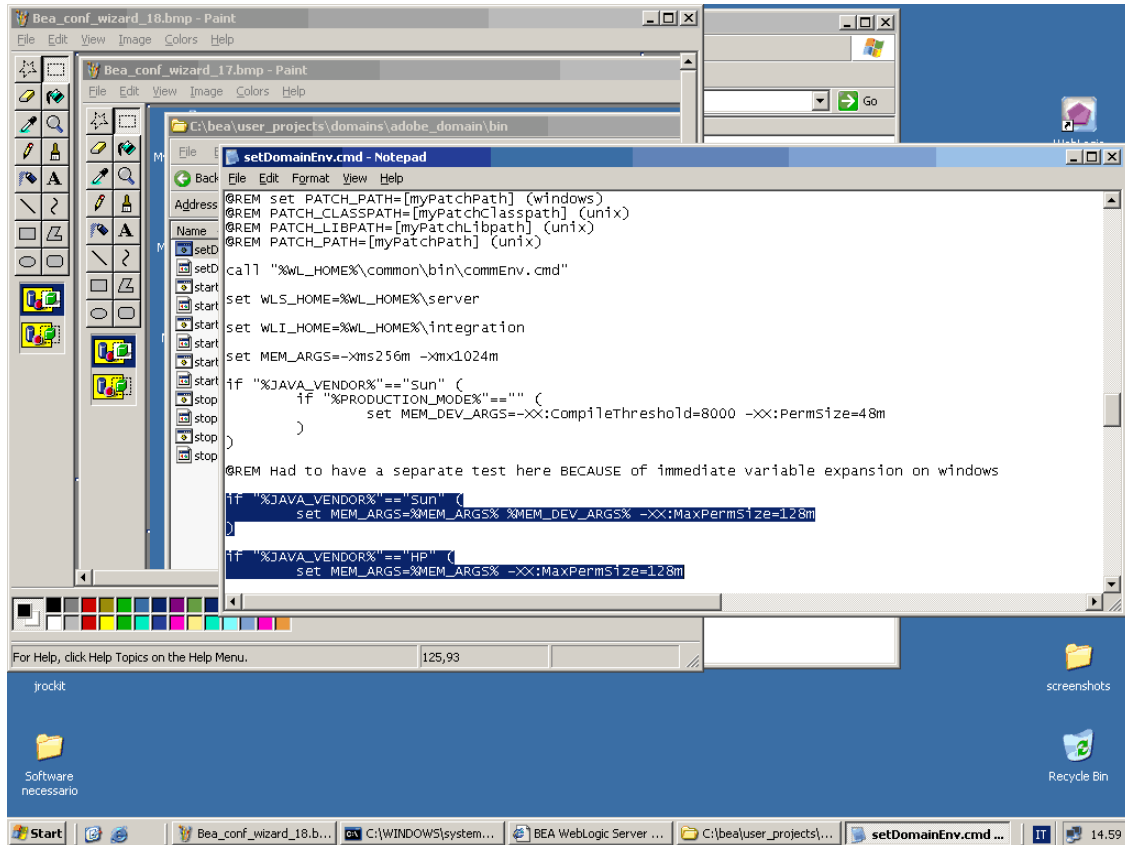
- adobe_domain
 - Environment
 - Servers
 - Clusters
 - Virtual Hosts
 - Migratable Targets
 - Machines
 - Work Managers
 - Startup & Shutdown Classes
 - Deployments
 - Services
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...

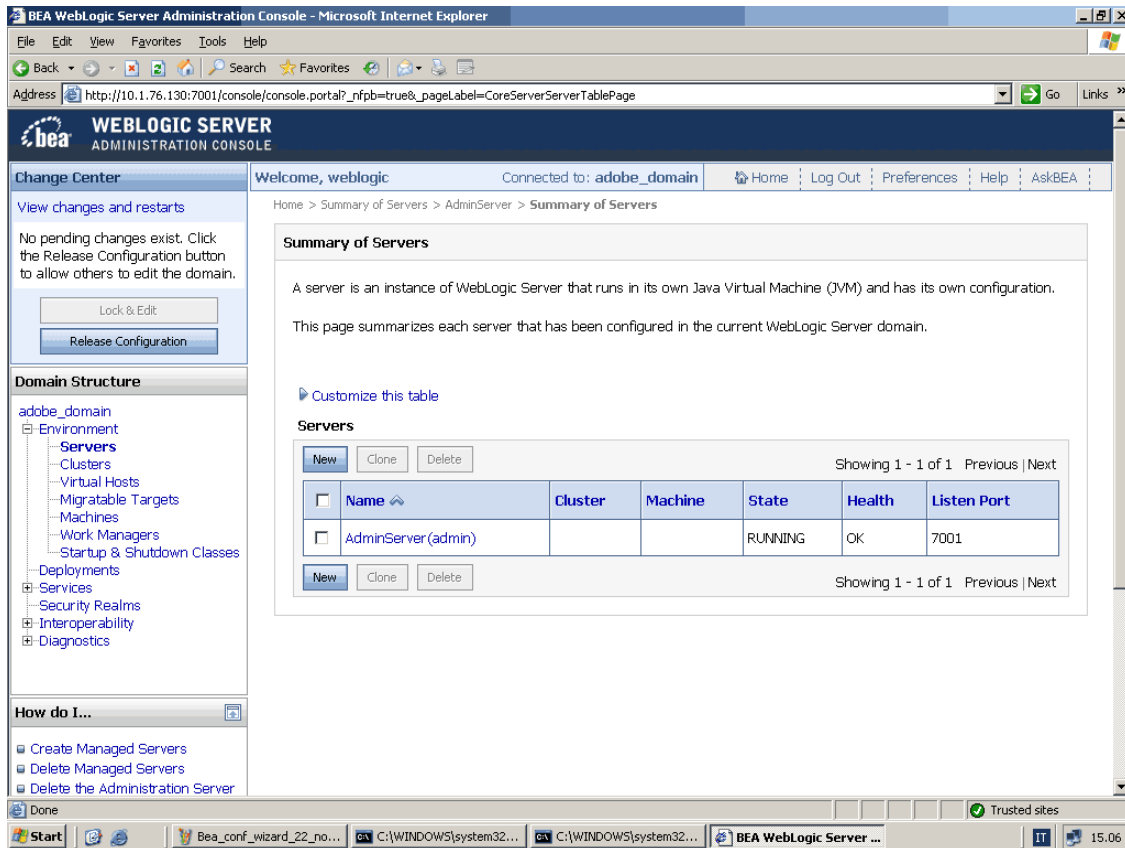
- Configure startup arguments for Managed Servers
- Start Managed Servers from the

Start Bea_conf_wizard_15.bm... C:\WINDOWS\system32... BEA WebLogic Server ...





Creating a new managed server



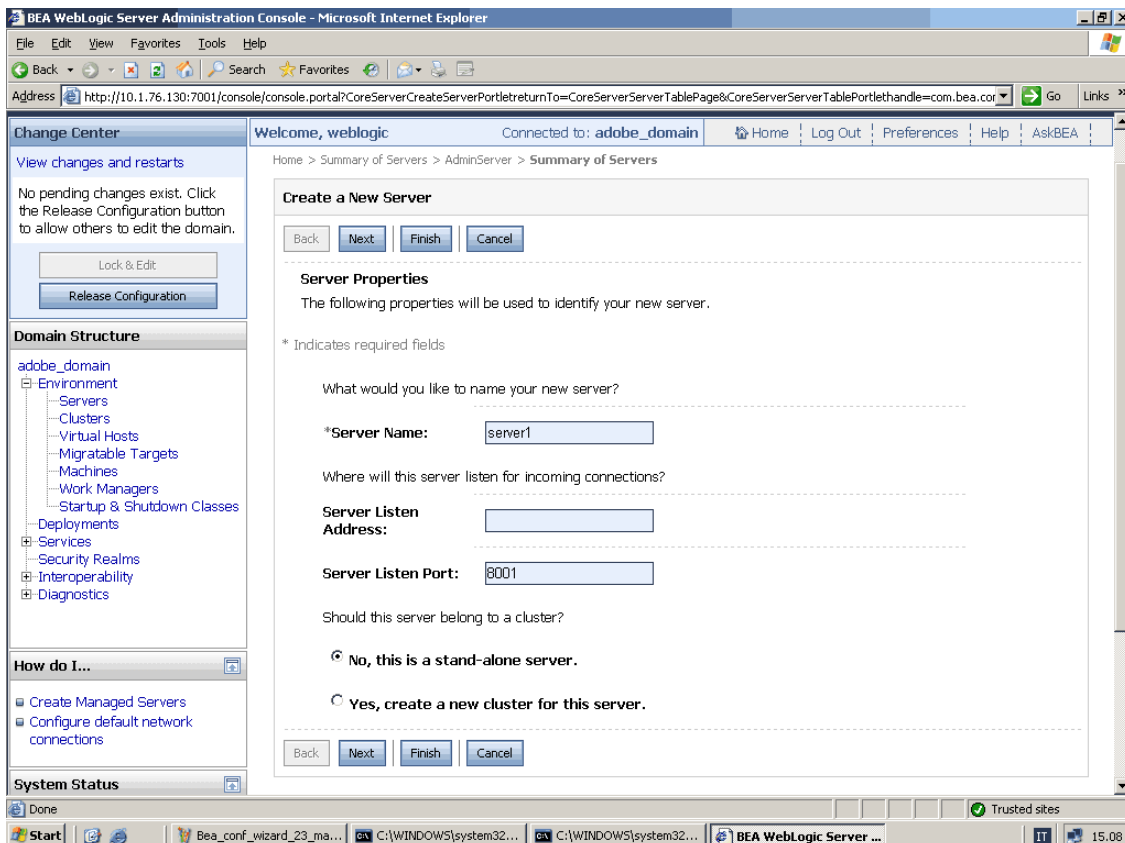
The screenshot shows the BEA WebLogic Server Administration Console in a Microsoft Internet Explorer browser. The address bar shows the URL: `http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=CoreServerServerTablePage`. The console displays the "Summary of Servers" page, which includes a "Change Center" on the left, a "Domain Structure" tree, and a "How do I..." section. The main content area shows a "Summary of Servers" section with a description of a server and a table of servers.

Summary of Servers

A server is an instance of WebLogic Server that runs in its own Java Virtual Machine (JVM) and has its own configuration. This page summarizes each server that has been configured in the current WebLogic Server domain.

Servers

Name	Cluster	Machine	State	Health	Listen Port
AdminServer (admin)			RUNNING	OK	7001



The screenshot shows the BEA WebLogic Server Administration Console in a Microsoft Internet Explorer browser. The address bar shows the URL: `http://10.1.76.130:7001/console/console.portal?CoreServerCreateServerPortletreturnTo=CoreServerServerTablePage&CoreServerServerTablePortletHandle=com.bea.cor`. The console displays the "Create a New Server" page, which includes a "Change Center" on the left, a "Domain Structure" tree, and a "How do I..." section. The main content area shows a "Create a New Server" section with a "Server Properties" form.

Create a New Server

Server Properties

The following properties will be used to identify your new server.

* Indicates required fields

What would you like to name your new server?

*Server Name:

Where will this server listen for incoming connections?

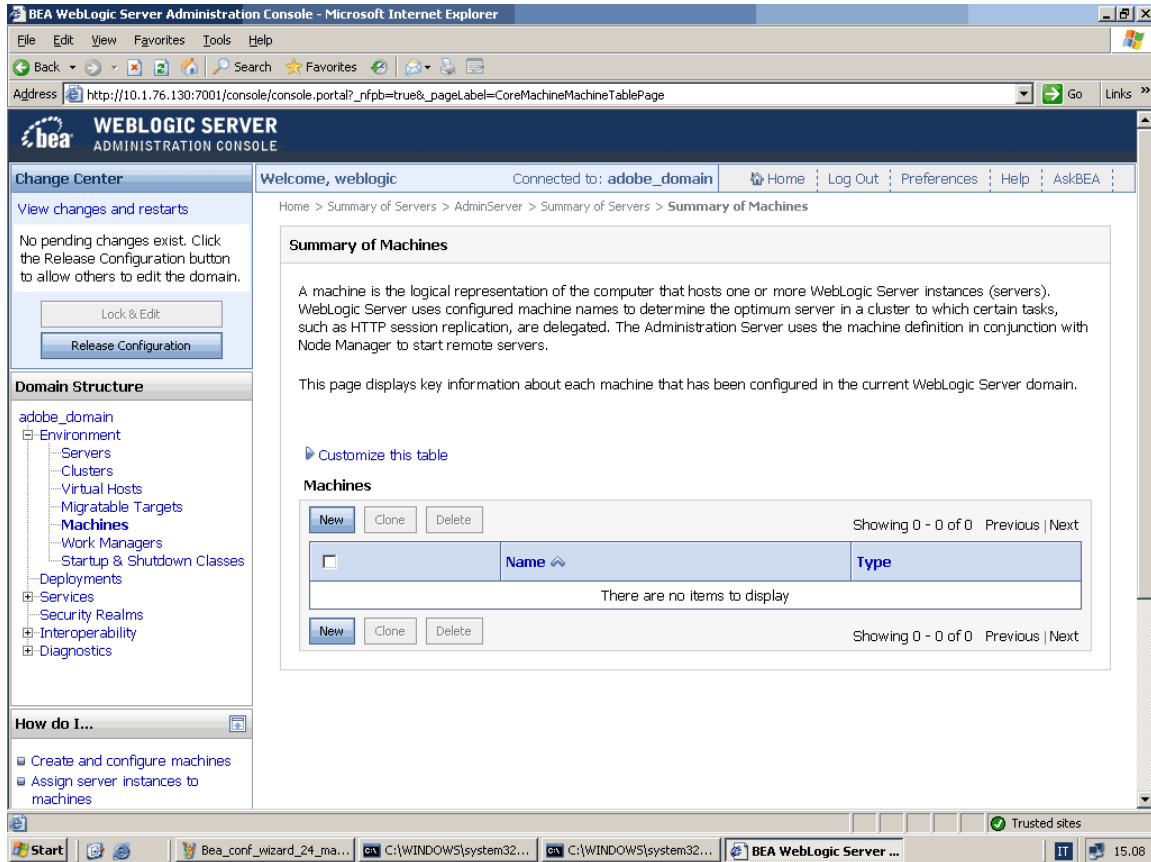
Server Listen Address:

Server Listen Port:

Should this server belong to a cluster?

☒ No, this is a stand-alone server.

☐ Yes, create a new cluster for this server.



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=CoreMachineMachineTablePage

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of Servers > AdminServer > Summary of Servers > Summary of Machines

Summary of Machines

A machine is the logical representation of the computer that hosts one or more WebLogic Server instances (servers). WebLogic Server uses configured machine names to determine the optimum server in a cluster to which certain tasks, such as HTTP session replication, are delegated. The Administration Server uses the machine definition in conjunction with Node Manager to start remote servers.

This page displays key information about each machine that has been configured in the current WebLogic Server domain.

[Customize this table](#)

Machines

New Clone Delete Showing 0 - 0 of 0 Previous | Next

Name	Type
There are no items to display	

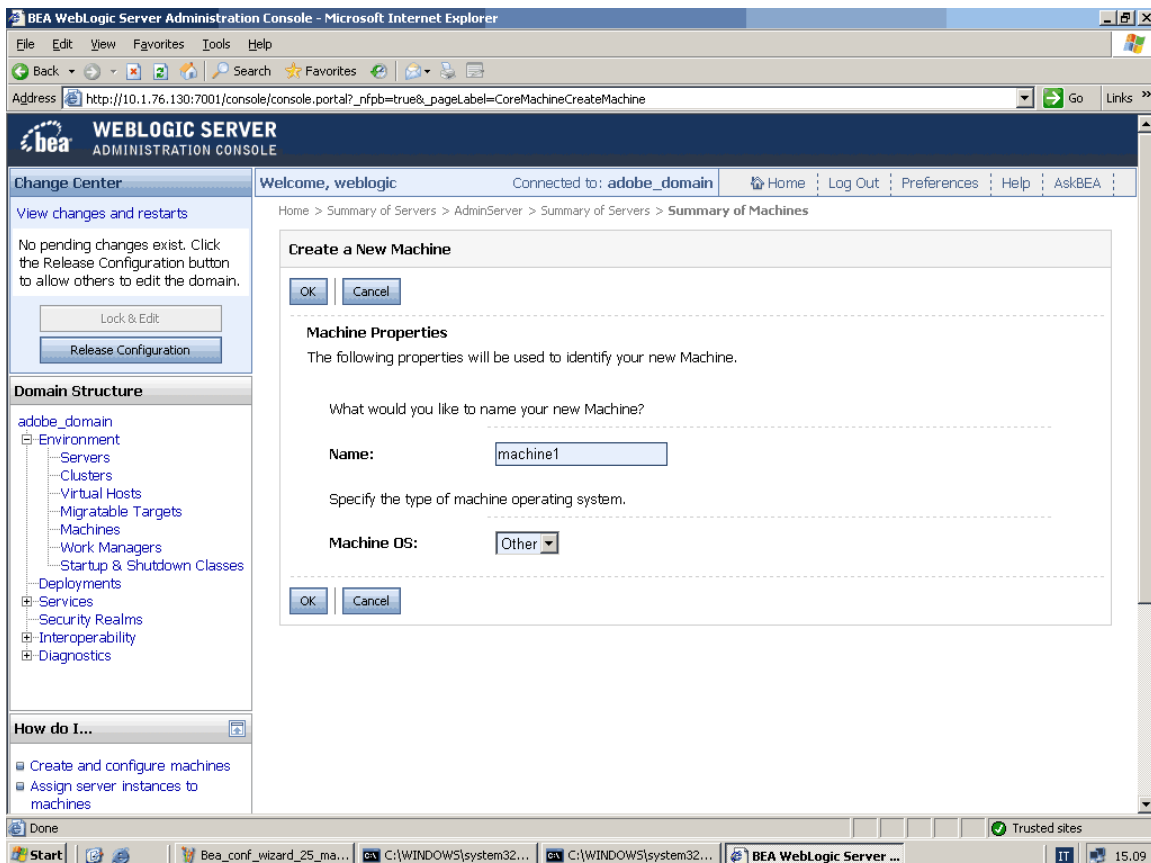
New Clone Delete Showing 0 - 0 of 0 Previous | Next

Domain Structure

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 - Diagnostics

How do I...

- Create and configure machines
- Assign server instances to machines



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=CoreMachineCreateMachine

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of Servers > AdminServer > Summary of Servers > Summary of Machines

Create a New Machine

OK Cancel

Machine Properties

The following properties will be used to identify your new Machine.

What would you like to name your new Machine?

Name:

Specify the type of machine operating system.

Machine OS:

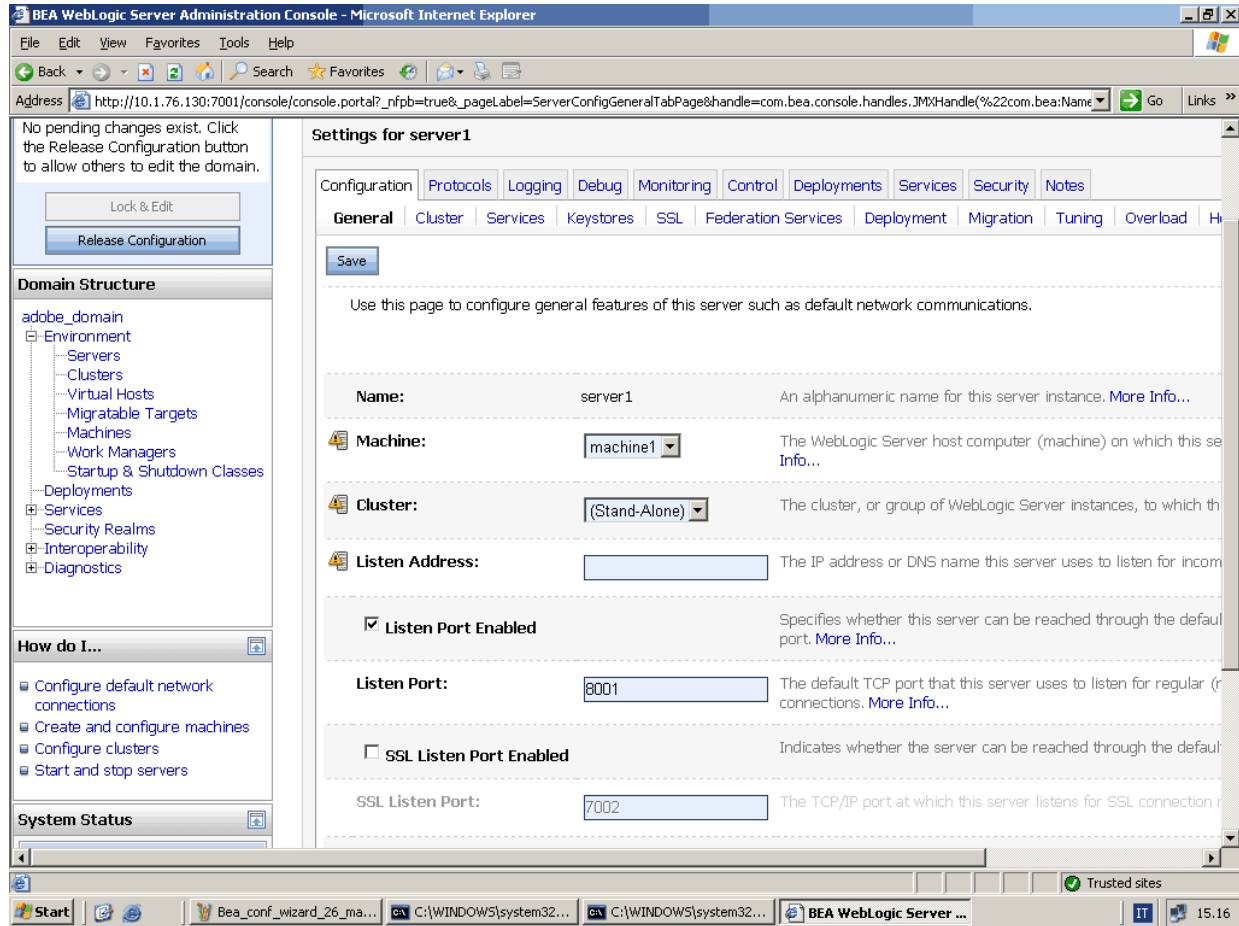
OK Cancel

Domain Structure

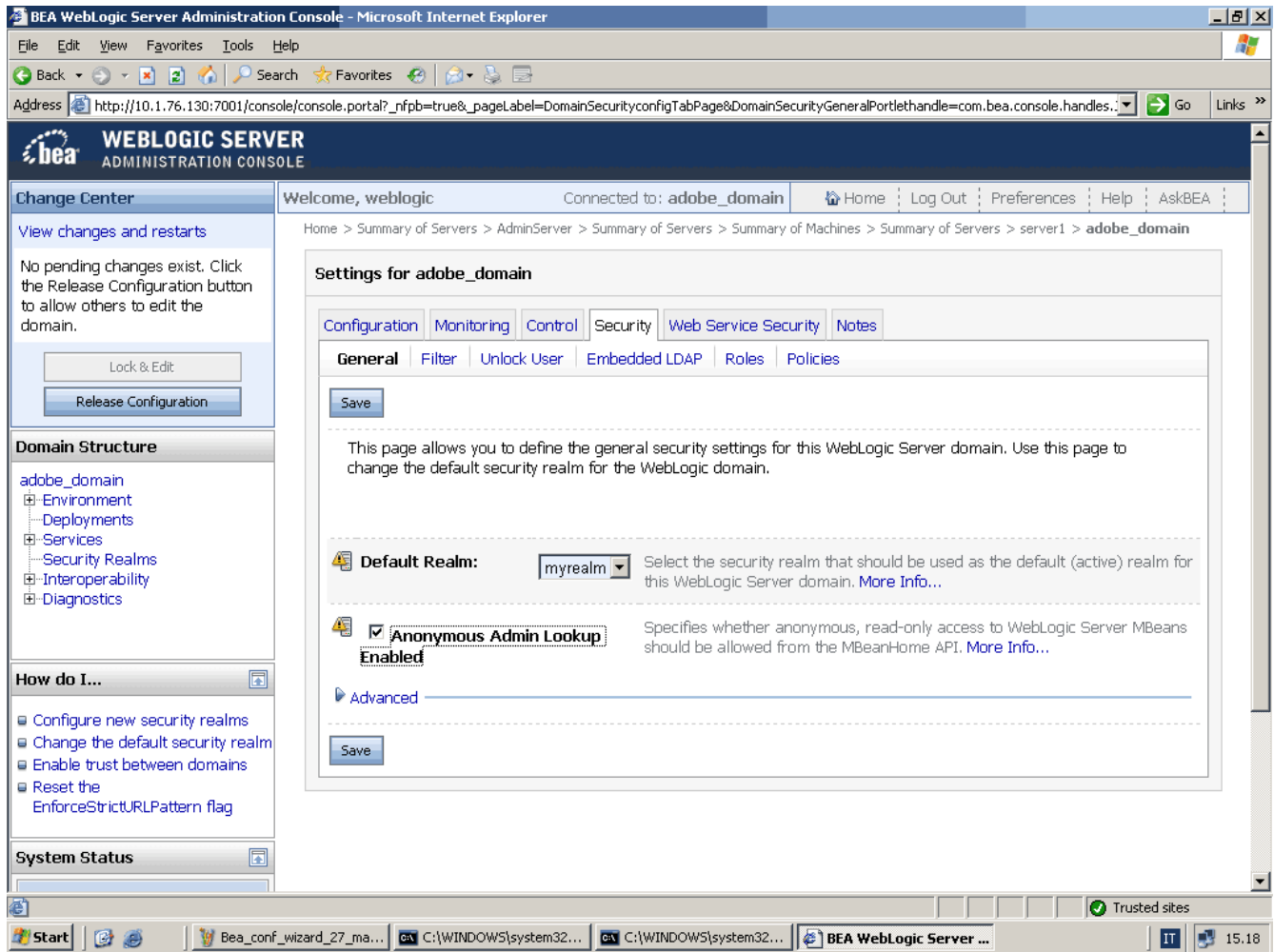
- adobe_domain
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How do I...

- Create and configure machines
- Assign server instances to machines



Configuring anonymous admin look-up



The screenshot shows the BEA WebLogic Server Administration Console in a Microsoft Internet Explorer browser window. The address bar shows the URL: `http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=DomainSecurityconfigTabPage&DomainSecurityGeneralPortlethandle=com.bea.console.handles.;`. The console title is "WEBLOGIC SERVER ADMINISTRATION CONSOLE".

The left sidebar contains several sections:

- Change Center**: View changes and restarts. No pending changes exist. Buttons: Lock & Edit, Release Configuration.
- Domain Structure**: A tree view showing the hierarchy: `adobe_domain` > `Environment` > `Deployments` > `Services` > `Security Realms` > `Interoperability` > `Diagnostics`.
- How do I...**: Links to configuration guides.
- System Status**: System health indicators.

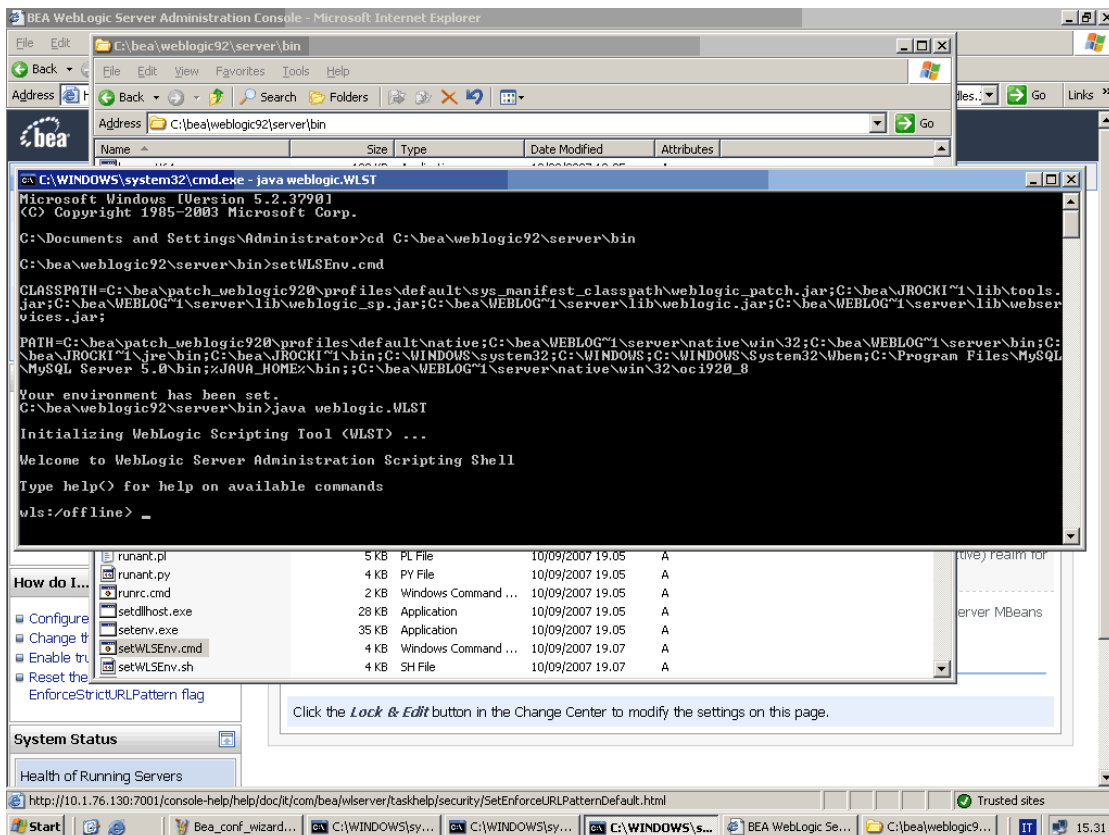
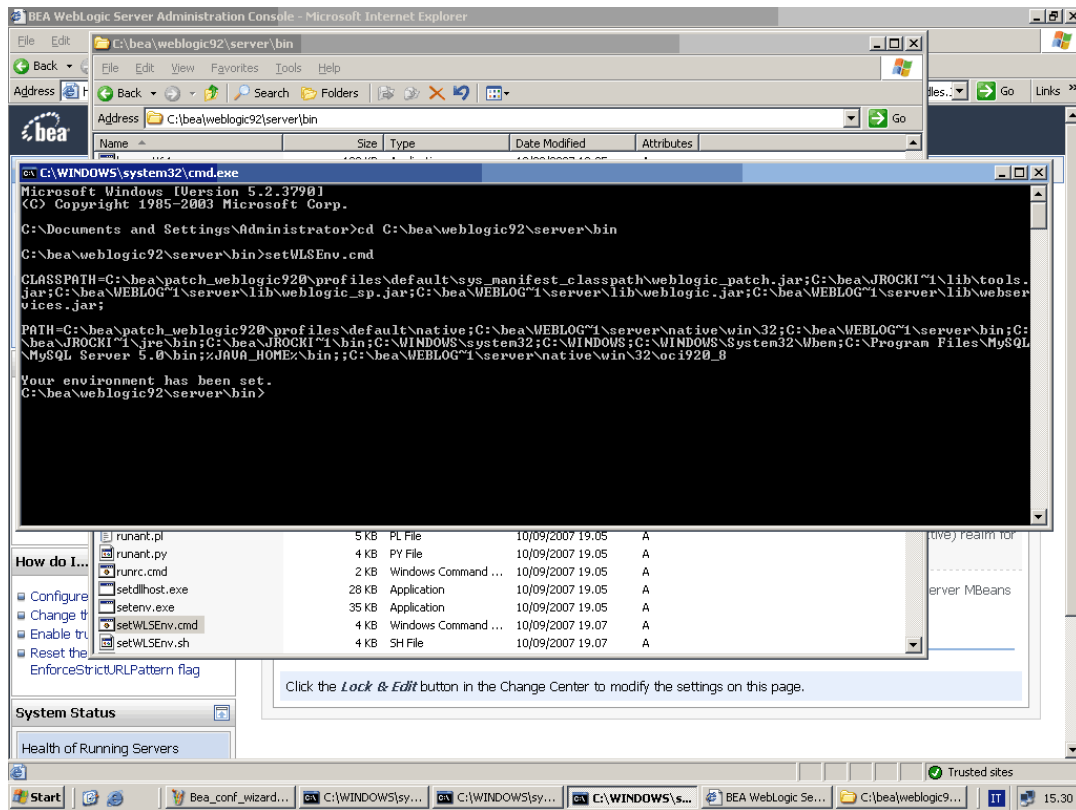
The main content area shows the "Settings for adobe_domain" page. The breadcrumb trail is: `Home > Summary of Servers > AdminServer > Summary of Servers > Summary of Machines > Summary of Servers > server1 > adobe_domain`. The page has tabs for Configuration, Monitoring, Control, Security, Web Service Security, and Notes. The "Security" tab is selected, and the "General" sub-tab is active.

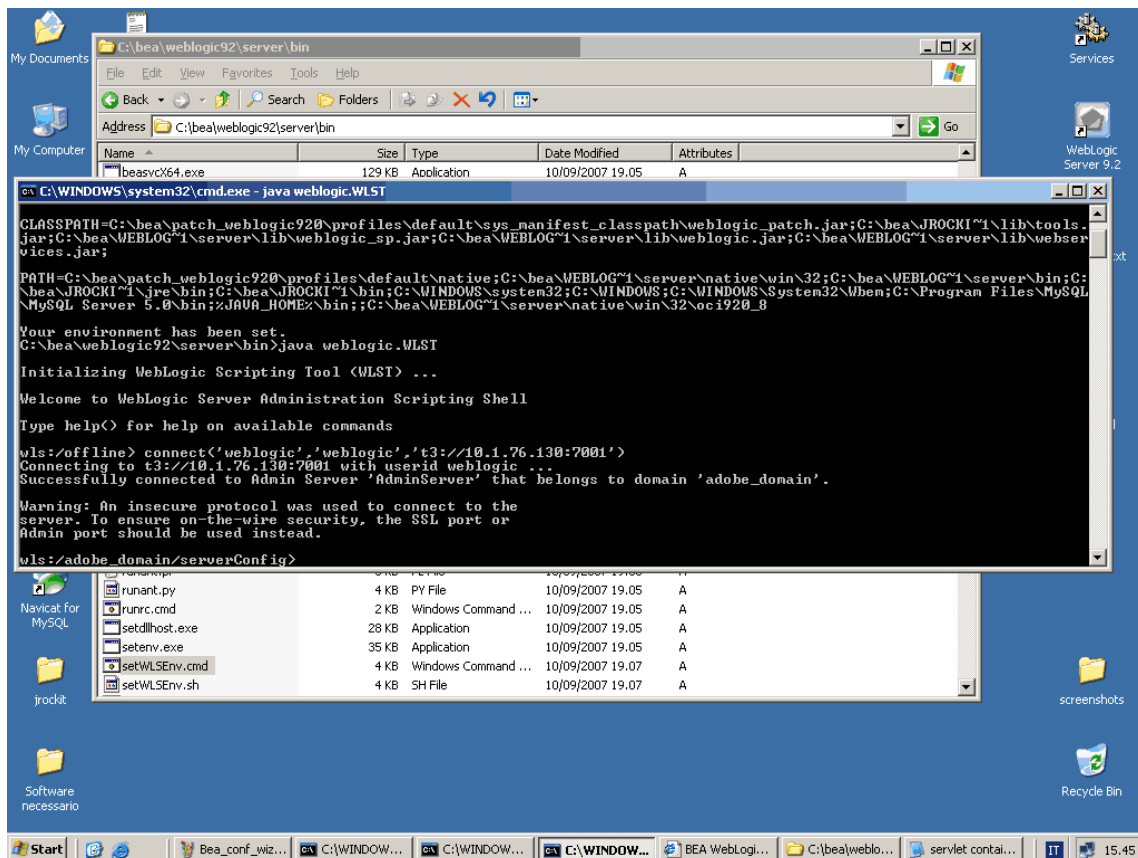
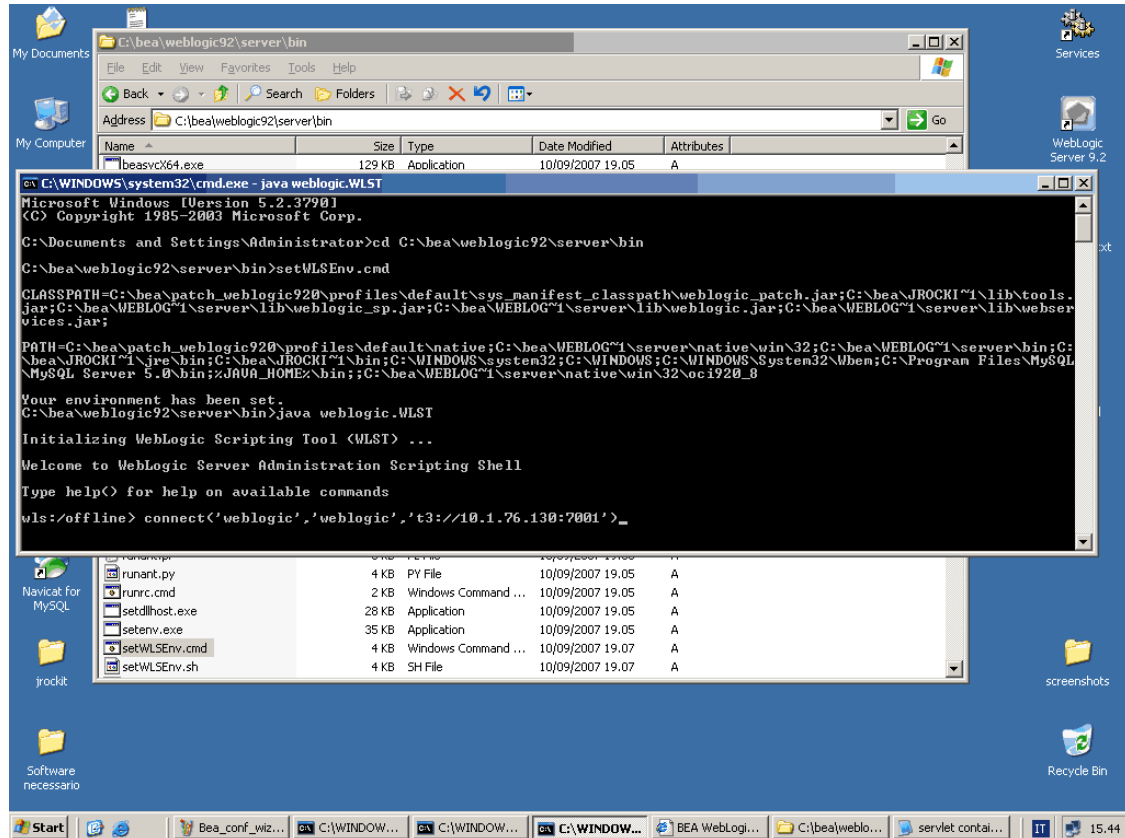
Under the "General" sub-tab, there are several settings:

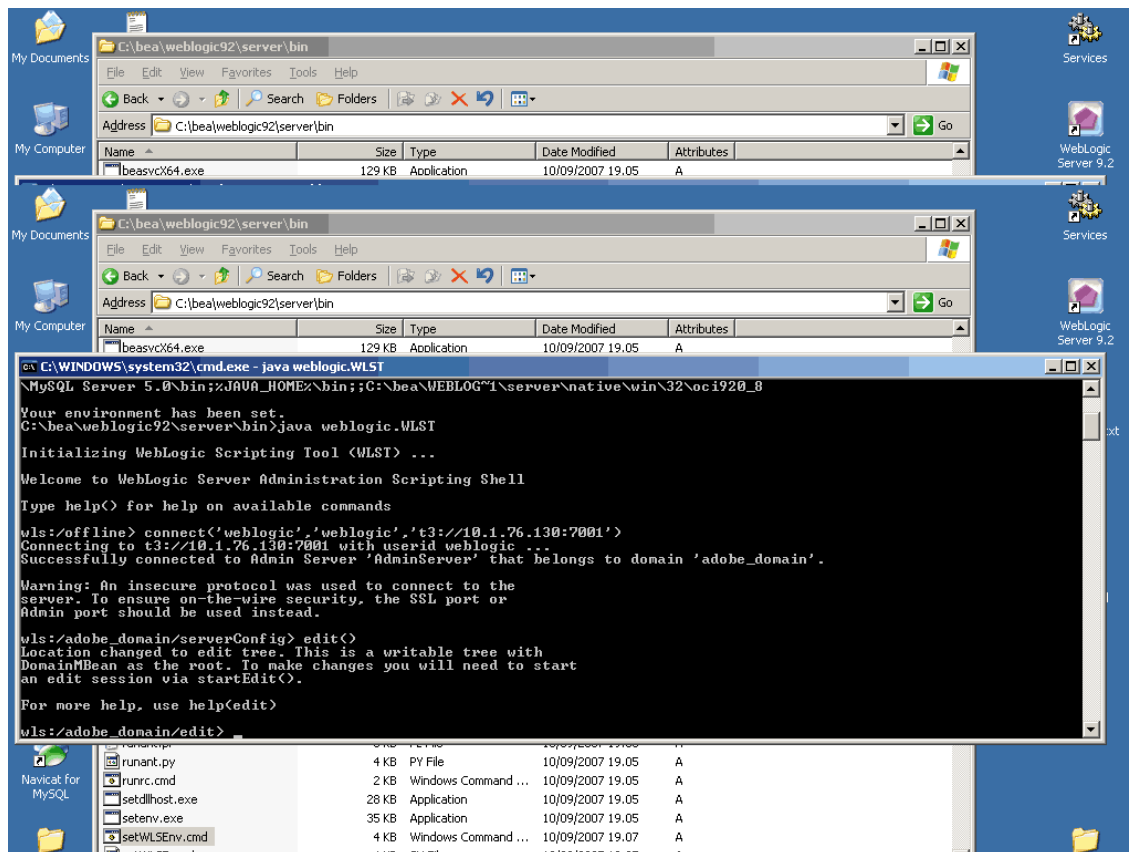
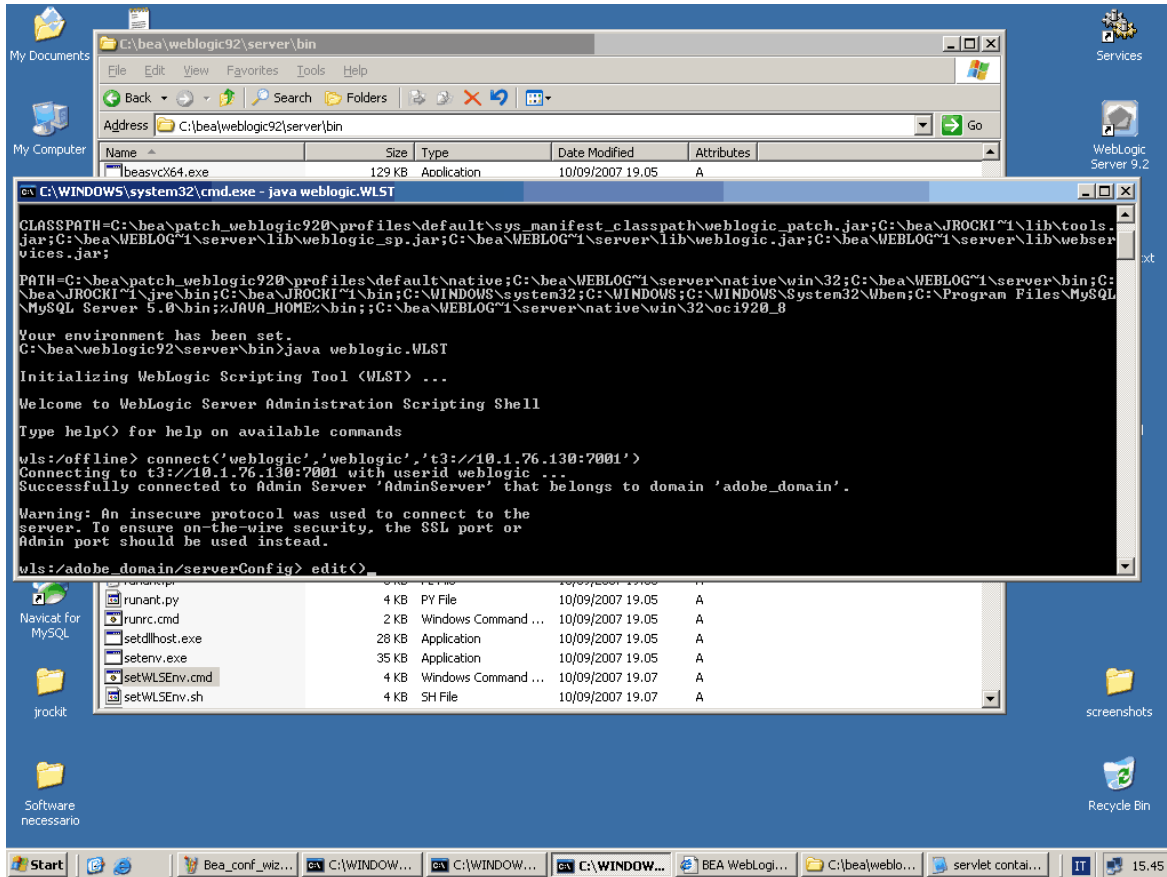
- Default Realm:** A dropdown menu set to "myrealm". Description: "Select the security realm that should be used as the default (active) realm for this WebLogic Server domain. [More Info...](#)"
- Anonymous Admin Lookup:** A checkbox that is checked. Below it, the word "Enabled" is displayed in a box. Description: "Specifies whether anonymous, read-only access to WebLogic Server MBeans should be allowed from the MBeanHome API. [More Info...](#)"
- Advanced:** A section with a "Save" button.

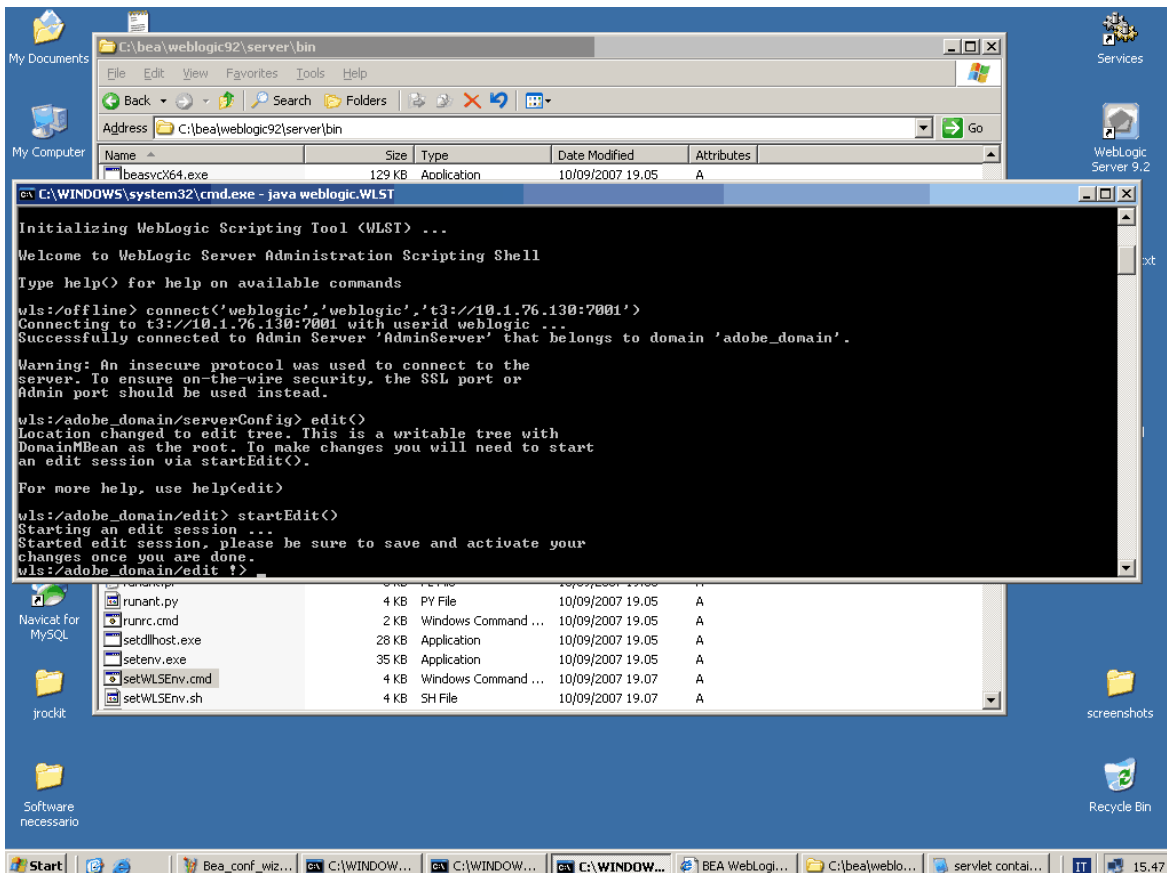
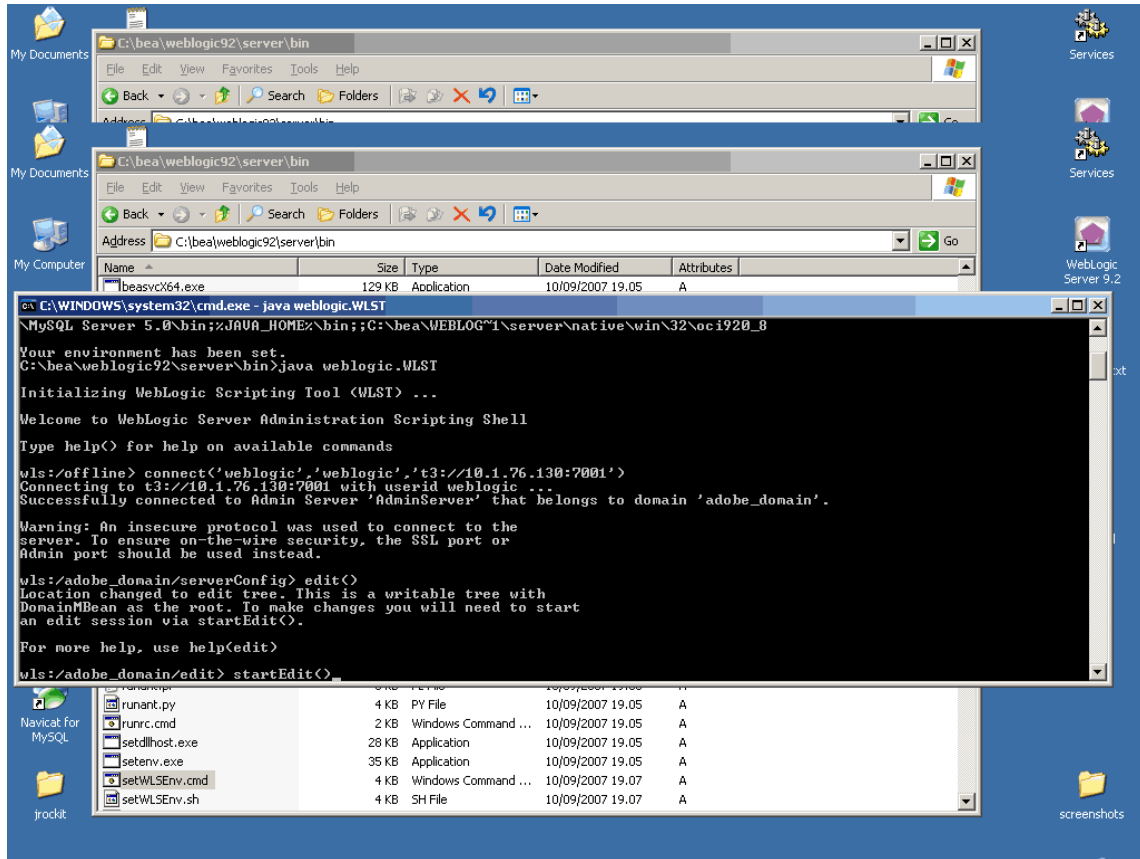
The bottom of the browser window shows the Windows taskbar with several open applications, including "Bea_conf_wizard_27_ma...", "C:\WINDOWS\system32...", and "BEA WebLogic Server ...". The system clock shows 15.18.

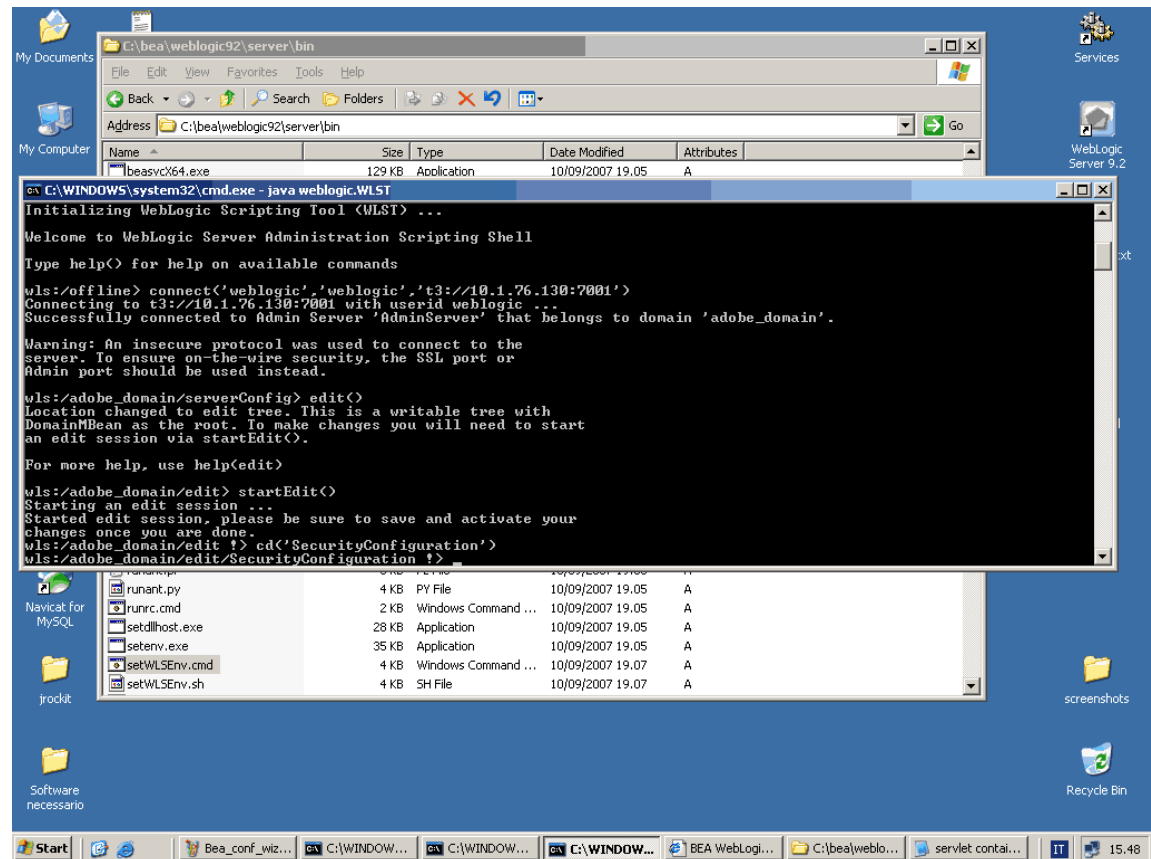
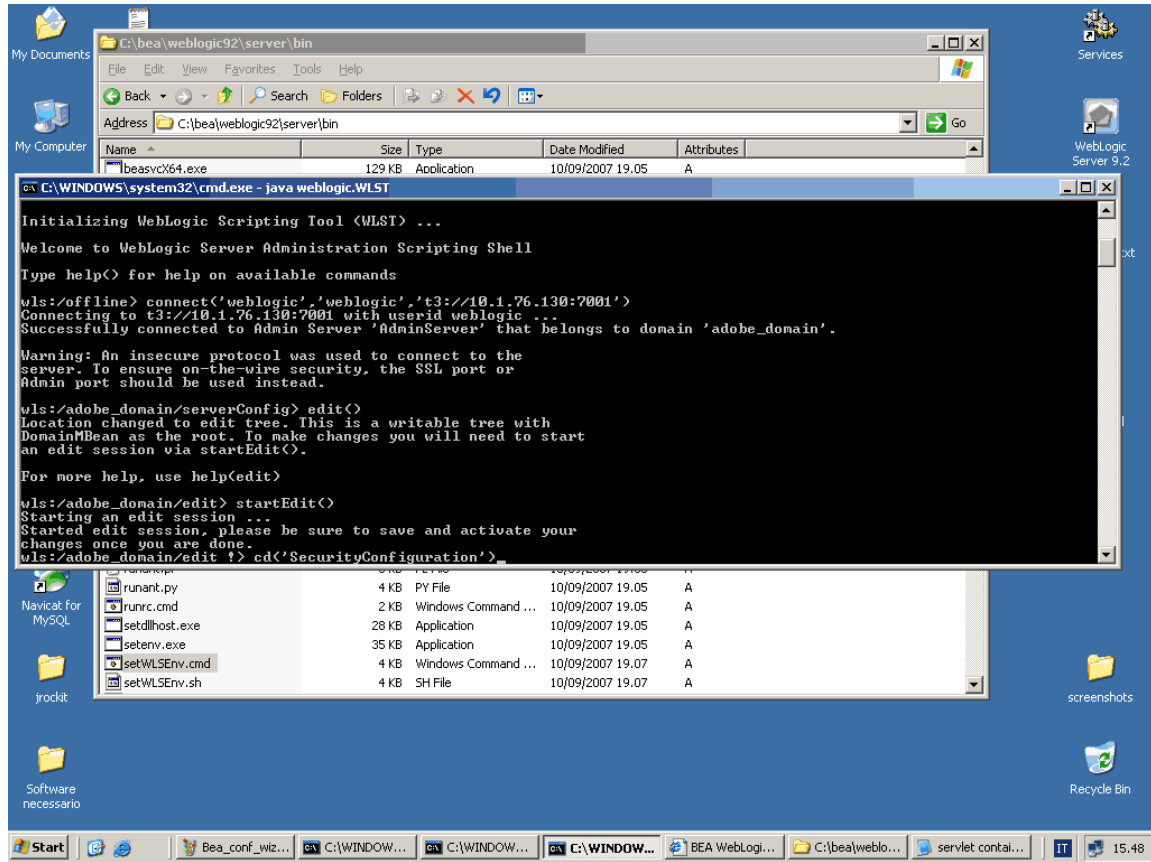
Configuring WebLogic for Web Services

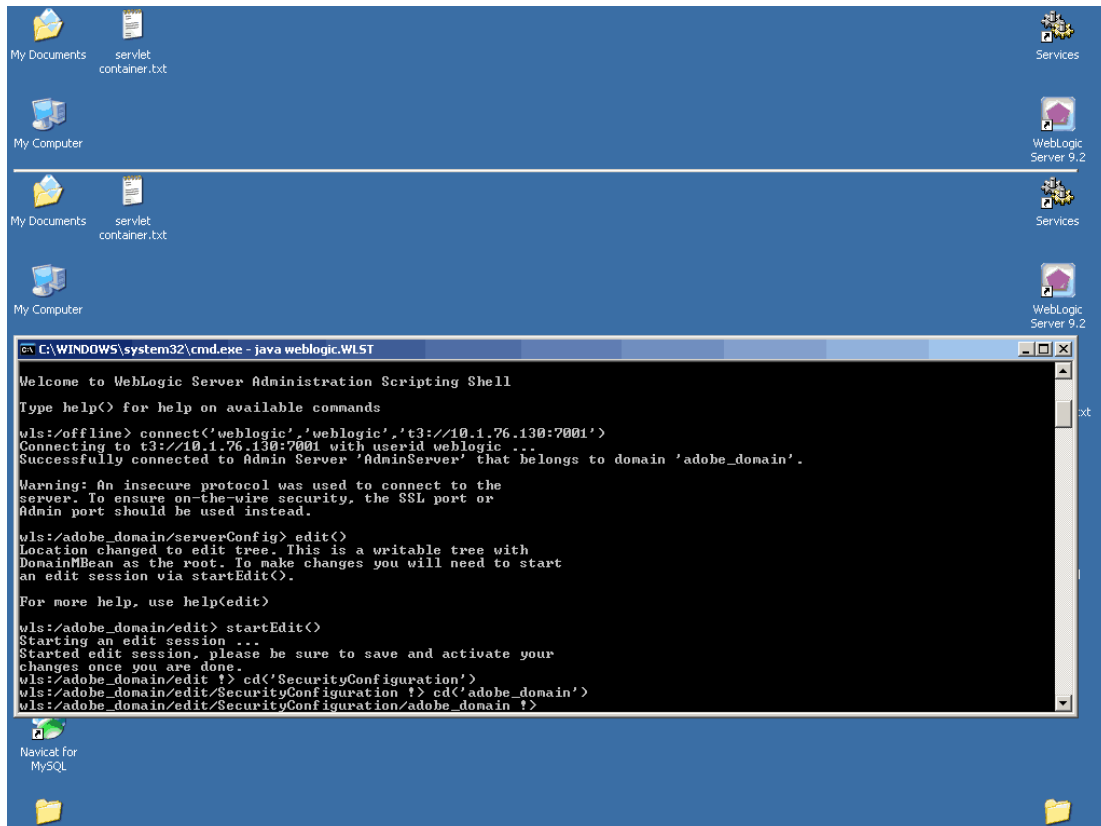
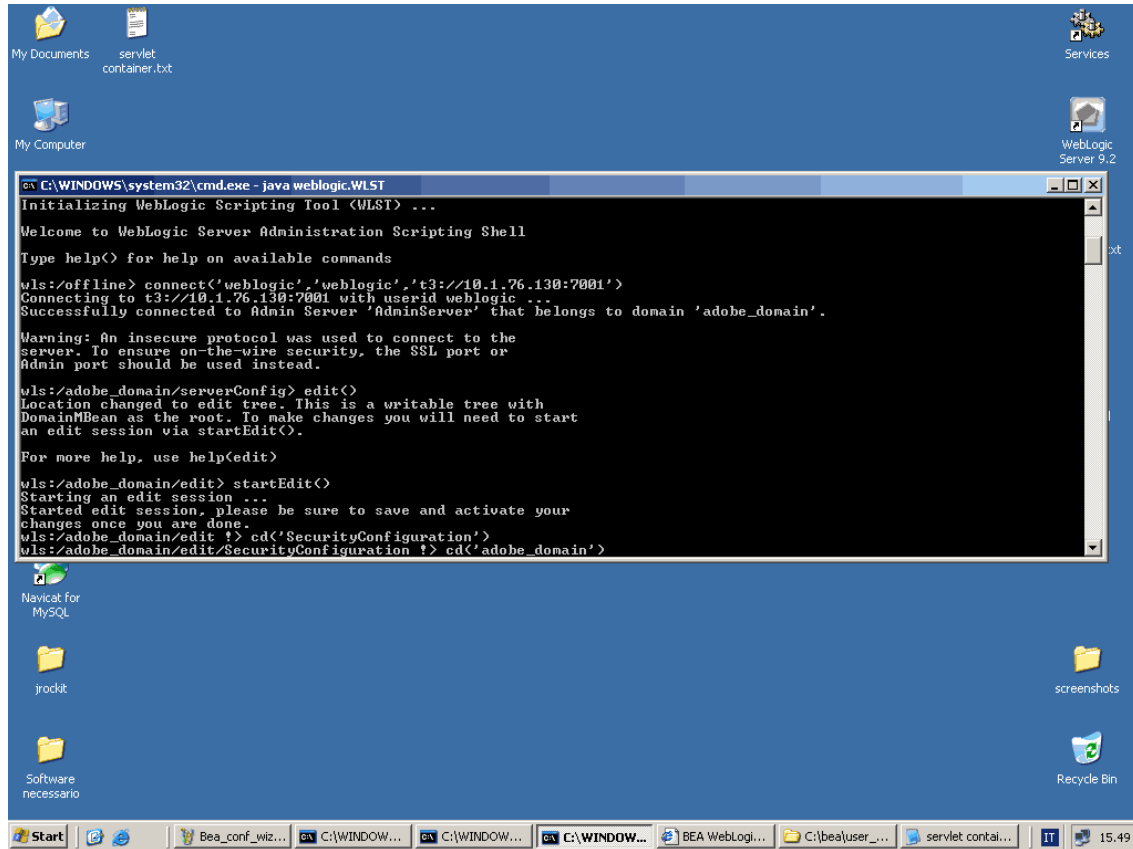


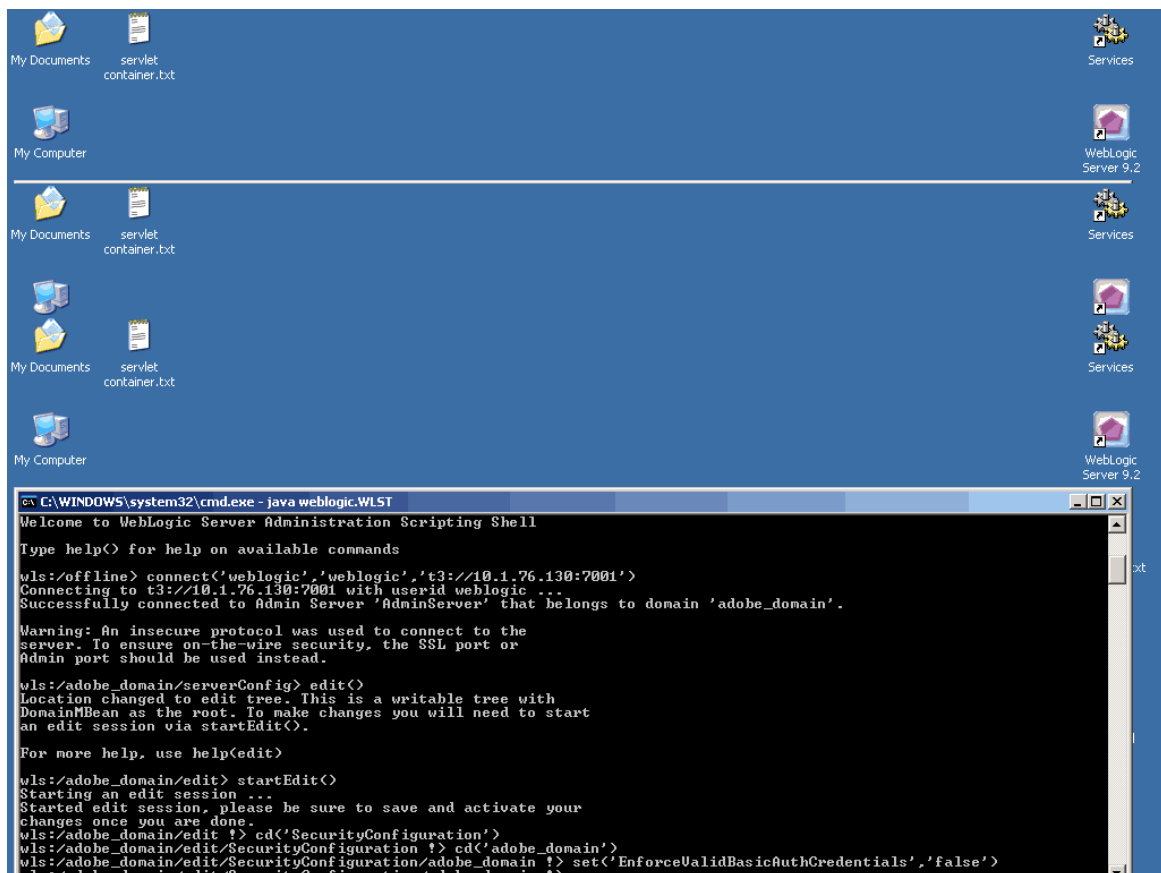
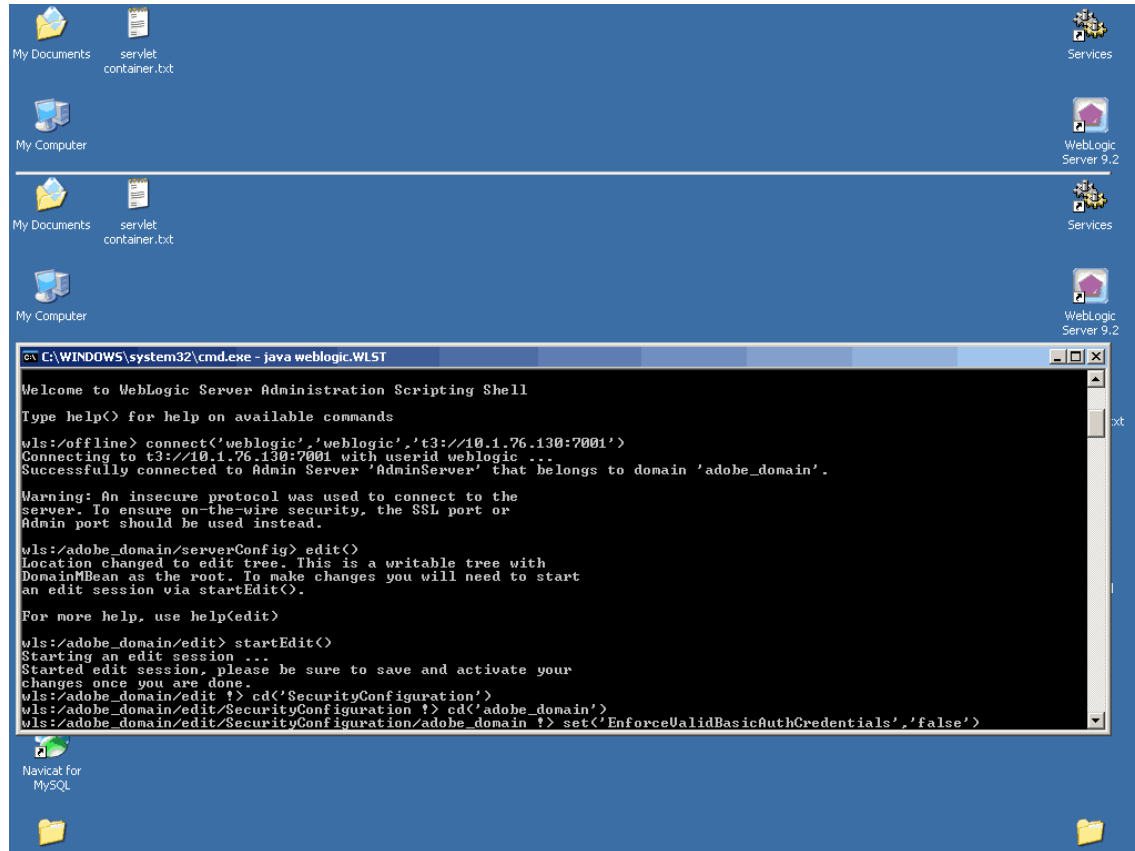


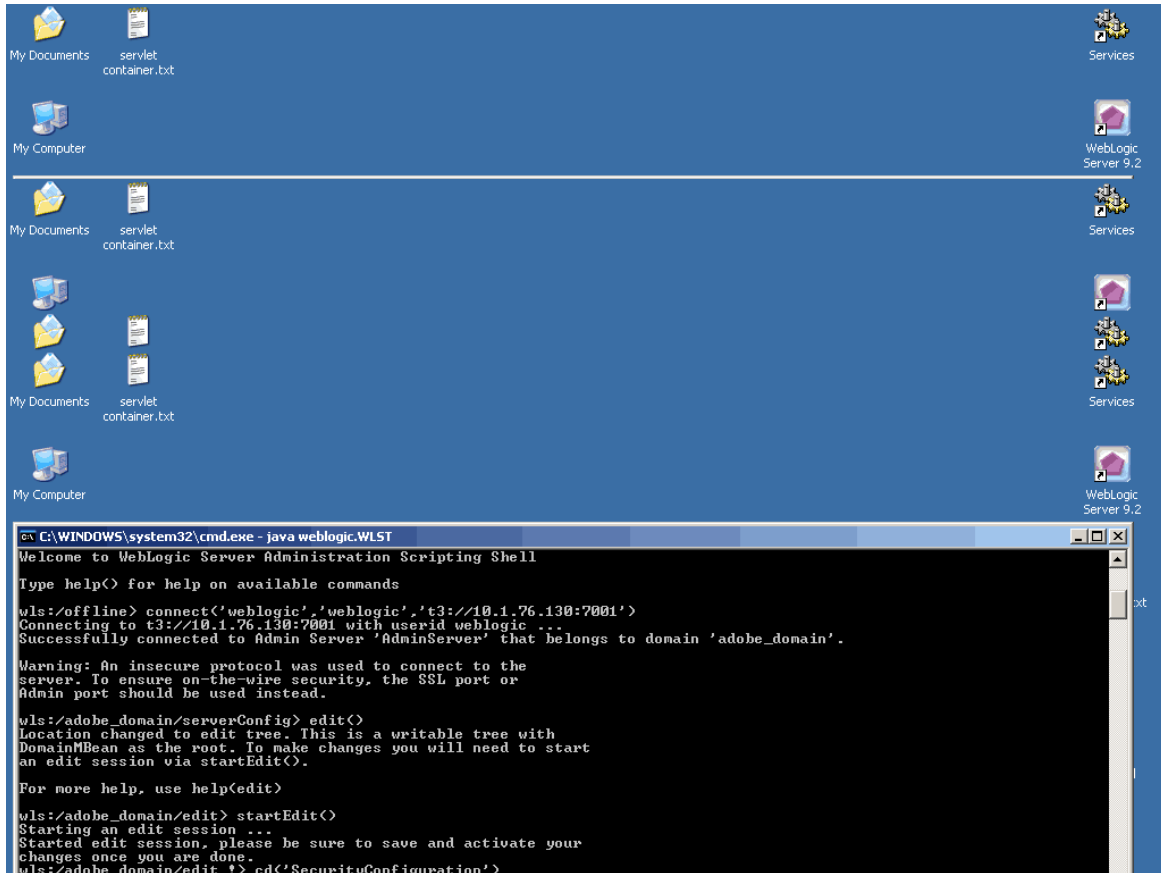












```

C:\WINDOWS\system32\cmd.exe - java weblogic.WLST
Welcome to WebLogic Server Administration Scripting Shell
Type help<> for help on available commands

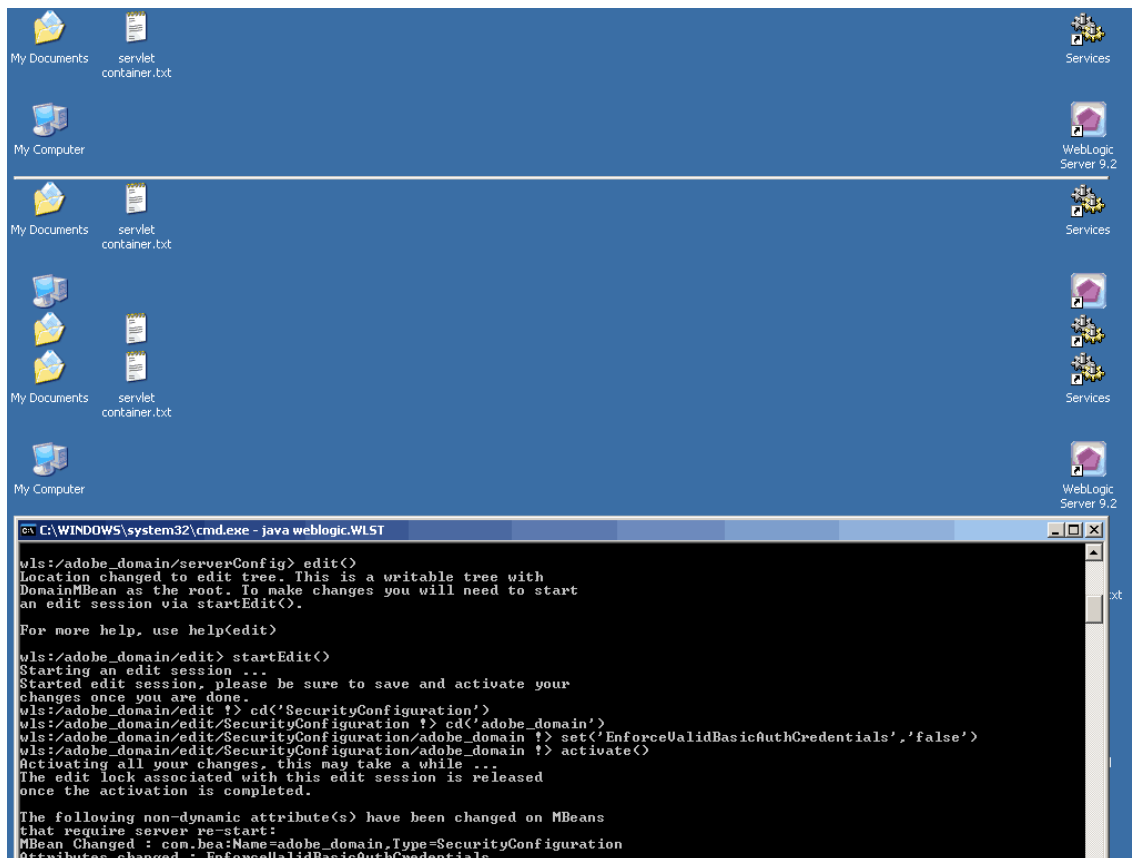
wls:/offline> connect('weblogic','weblogic','t3://10.1.76.130:7001')
Connecting to t3://10.1.76.130:7001 with userid weblogic ...
Successfully connected to Admin Server 'AdminServer' that belongs to domain 'adobe_domain'.

Warning: An insecure protocol was used to connect to the
server. To ensure on-the-wire security, the SSL port or
Admin port should be used instead.

wls:/adobe_domain/serverConfig> edit()
Location changed to edit tree. This is a writable tree with
DomainMBean as the root. To make changes you will need to start
an edit session via startEdit().

For more help, use help(edit)

wls:/adobe_domain/edit> startEdit()
Starting an edit session ...
Started edit session, please be sure to save and activate your
changes once you are done.
wls:/adobe_domain/edit !> cd('SecurityConfiguration')
  
```



```

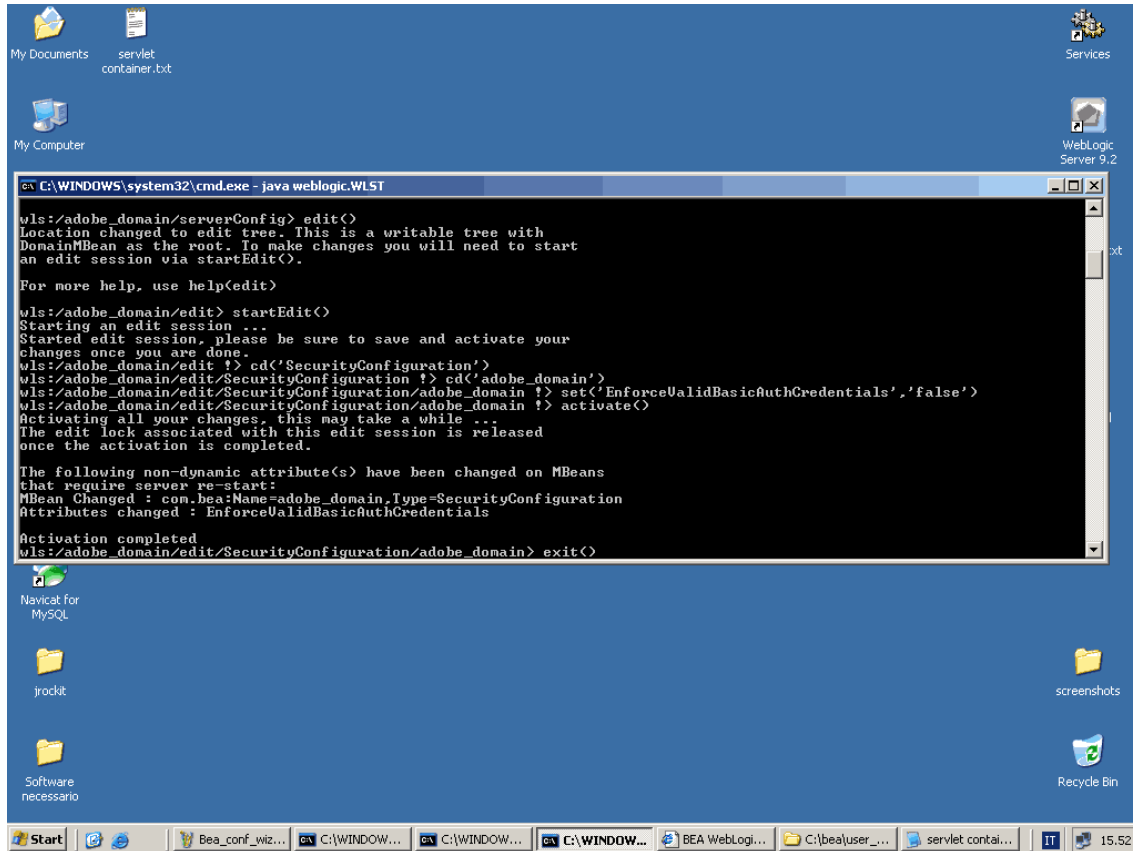
C:\WINDOWS\system32\cmd.exe - java weblogic.WLST

wls:/adobe_domain/serverConfig> edit()
Location changed to edit tree. This is a writable tree with
DomainMBean as the root. To make changes you will need to start
an edit session via startEdit().

For more help, use help(edit)

wls:/adobe_domain/edit> startEdit()
Starting an edit session ...
Started edit session, please be sure to save and activate your
changes once you are done.
wls:/adobe_domain/edit !> cd('SecurityConfiguration')
wls:/adobe_domain/edit/SecurityConfiguration/adobe_domain !> set('EnforceValidBasicAuthCredentials','false')
wls:/adobe_domain/edit/SecurityConfiguration/adobe_domain !> activate()
Activating all your changes, this may take a while ...
The edit lock associated with this edit session is released
once the activation is completed.

The following non-dynamic attribute(s) have been changed on MBeans
that require server re-start:
MBean Changed : com.bea:Name=adobe_domain,Type=SecurityConfiguration
Attributes changed : EnforceValidBasicAuthCredentials
  
```



```

C:\WINDOWS\system32\cmd.exe - java weblogic.WLST

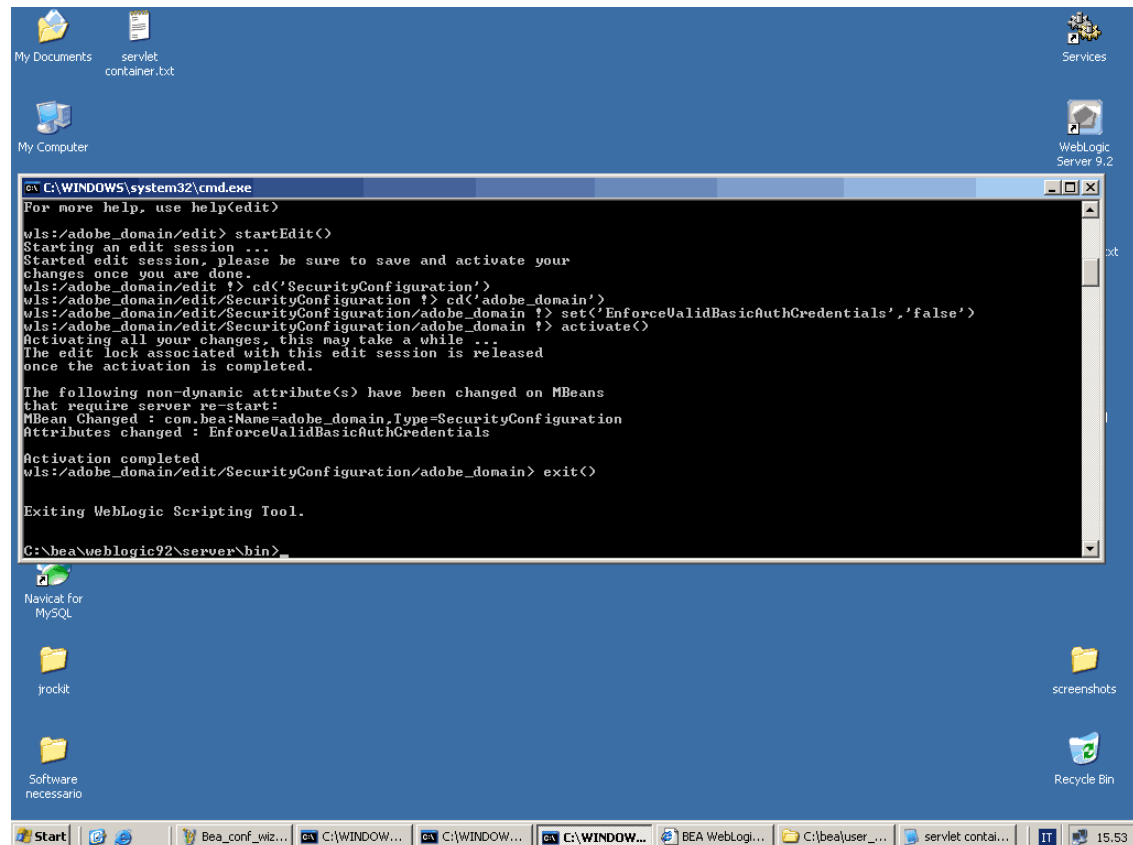
wls:/adobe_domain/serverConfig> edit()
Location changed to edit tree. This is a writable tree with
DomainMBean as the root. To make changes you will need to start
an edit session via startEdit().

For more help, use help(edit)

wls:/adobe_domain/edit> startEdit()
Starting an edit session ...
Started edit session, please be sure to save and activate your
changes once you are done.
wls:/adobe_domain/edit !> cd('SecurityConfiguration')
wls:/adobe_domain/edit/SecurityConfiguration !> cd('adobe_domain')
wls:/adobe_domain/edit/SecurityConfiguration/adobe_domain !> set('EnforceValidBasicAuthCredentials','false')
wls:/adobe_domain/edit/SecurityConfiguration/adobe_domain !> activate()
Activating all your changes, this may take a while ...
The edit lock associated with this edit session is released
once the activation is completed.

The following non-dynamic attribute(s) have been changed on MBeans
that require server re-start:
MBean Changed : com.bea.Name=adobe_domain,Type=SecurityConfiguration
Attributes changed : EnforceValidBasicAuthCredentials

Activation completed
wls:/adobe_domain/edit/SecurityConfiguration/adobe_domain> exit()
  
```



```

C:\WINDOWS\system32\cmd.exe
For more help, use help(edit)

wls:/adobe_domain/edit> startEdit()
Starting an edit session ...
Started edit session, please be sure to save and activate your
changes once you are done.
wls:/adobe_domain/edit !> cd('SecurityConfiguration')
wls:/adobe_domain/edit/SecurityConfiguration !> cd('adobe_domain')
wls:/adobe_domain/edit/SecurityConfiguration/adobe_domain !> set('EnforceValidBasicAuthCredentials','false')
wls:/adobe_domain/edit/SecurityConfiguration/adobe_domain !> activate()
Activating all your changes, this may take a while ...
The edit lock associated with this edit session is released
once the activation is completed.

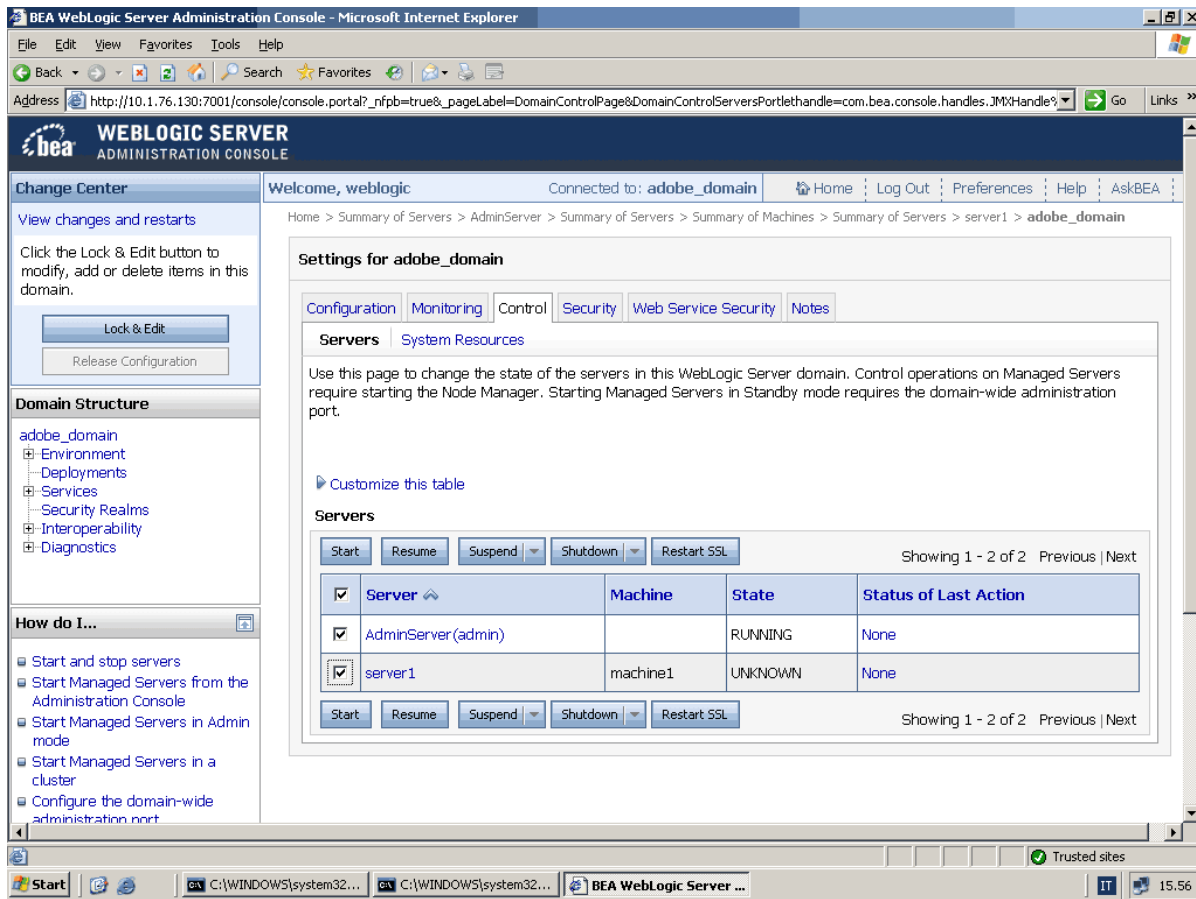
The following non-dynamic attribute(s) have been changed on MBeans
that require server re-start:
MBean Changed : com.bea.Name=adobe_domain,Type=SecurityConfiguration
Attributes changed : EnforceValidBasicAuthCredentials

Activation completed
wls:/adobe_domain/edit/SecurityConfiguration/adobe_domain> exit()

Exiting WebLogic Scripting Tool.

C:\bea\weblogic92\server\bin>
  
```

Restarting Weblogic



The screenshot shows the BEA WebLogic Server Administration Console in a Microsoft Internet Explorer browser window. The console is titled "WEBLOGIC SERVER ADMINISTRATION CONSOLE" and shows the "Settings for adobe_domain" page. The "Servers" tab is selected, displaying a table of servers in the domain.

Settings for adobe_domain

Configuration | Monitoring | Control | Security | Web Service Security | Notes

Servers | System Resources

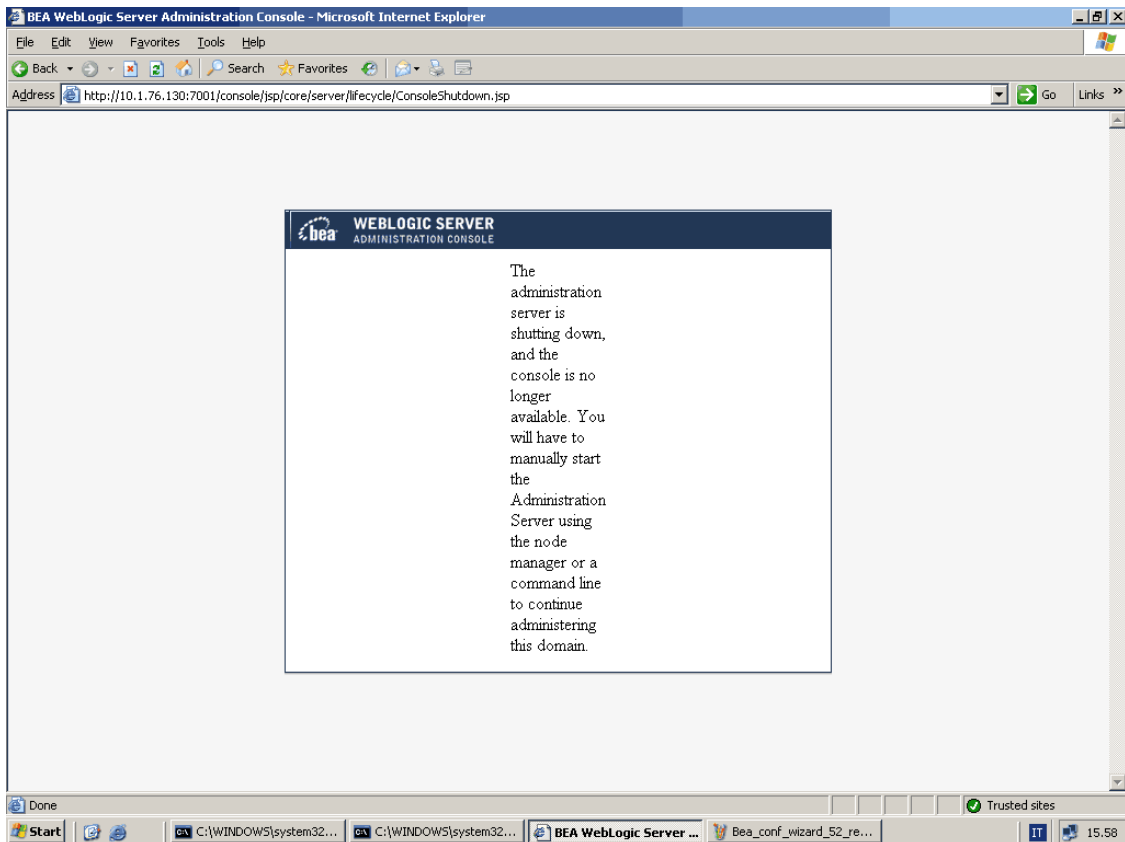
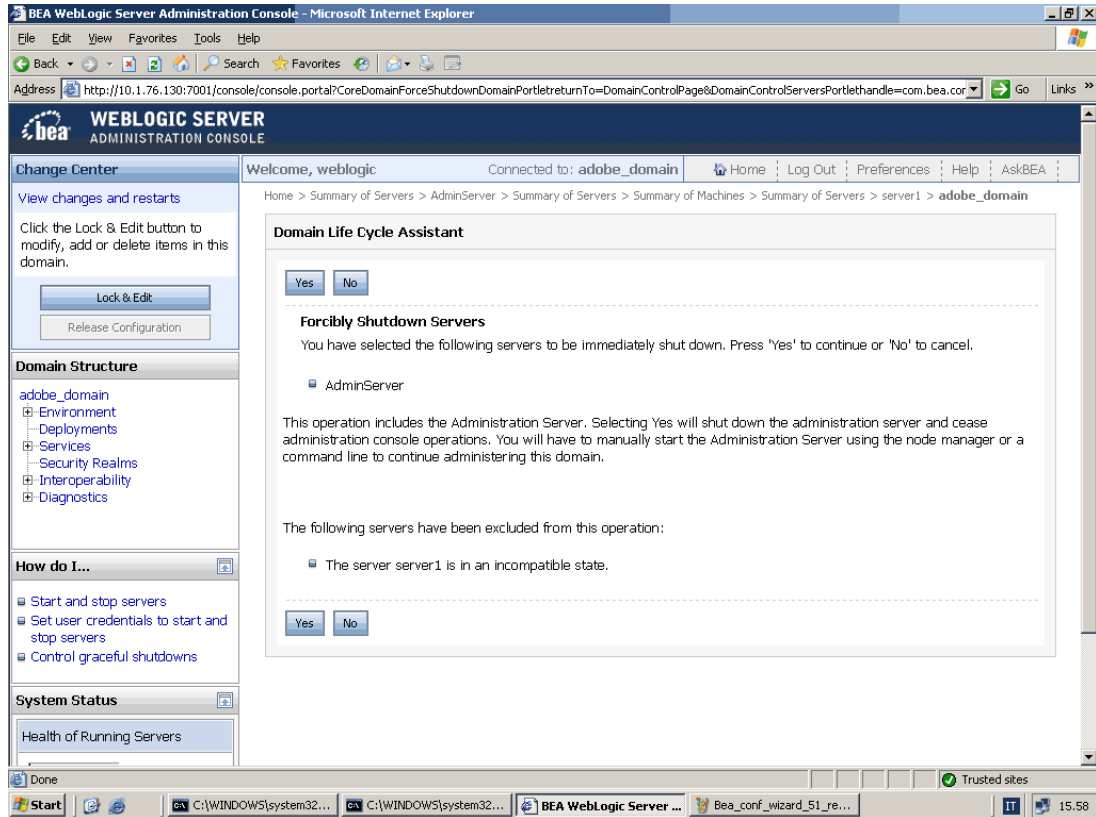
Use this page to change the state of the servers in this WebLogic Server domain. Control operations on Managed Servers require starting the Node Manager. Starting Managed Servers in Standby mode requires the domain-wide administration port.

Customize this table

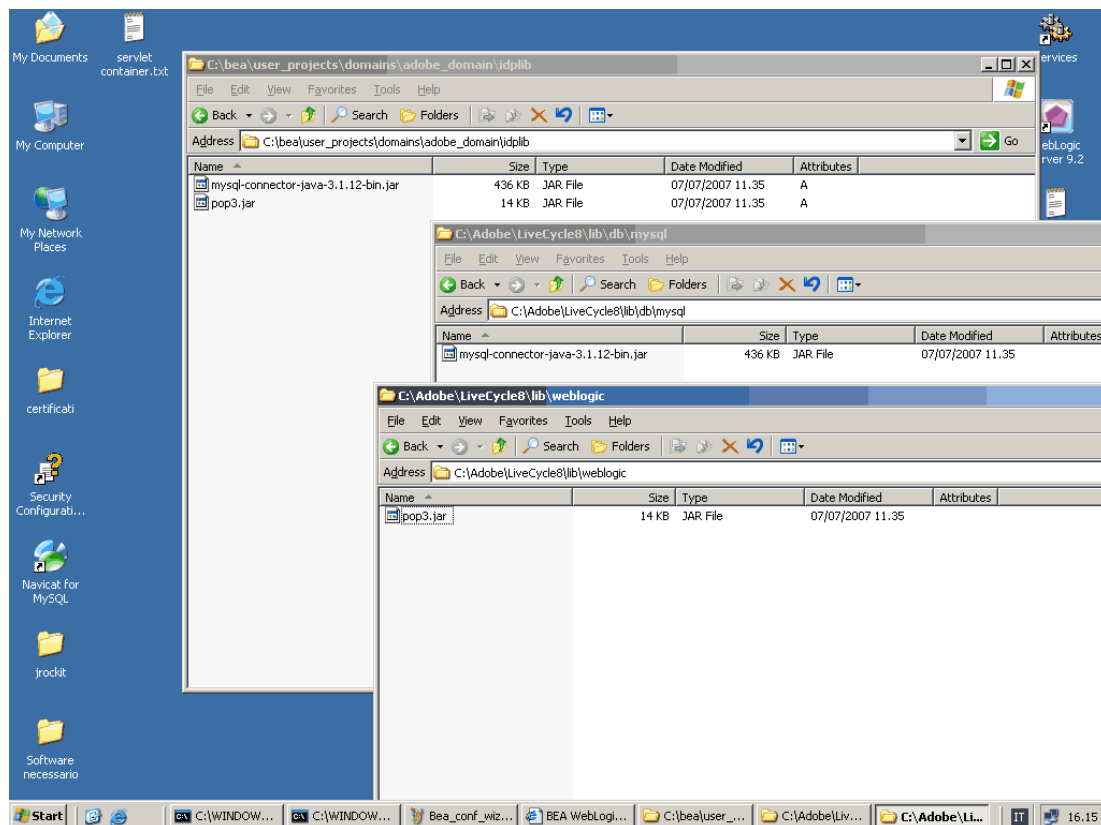
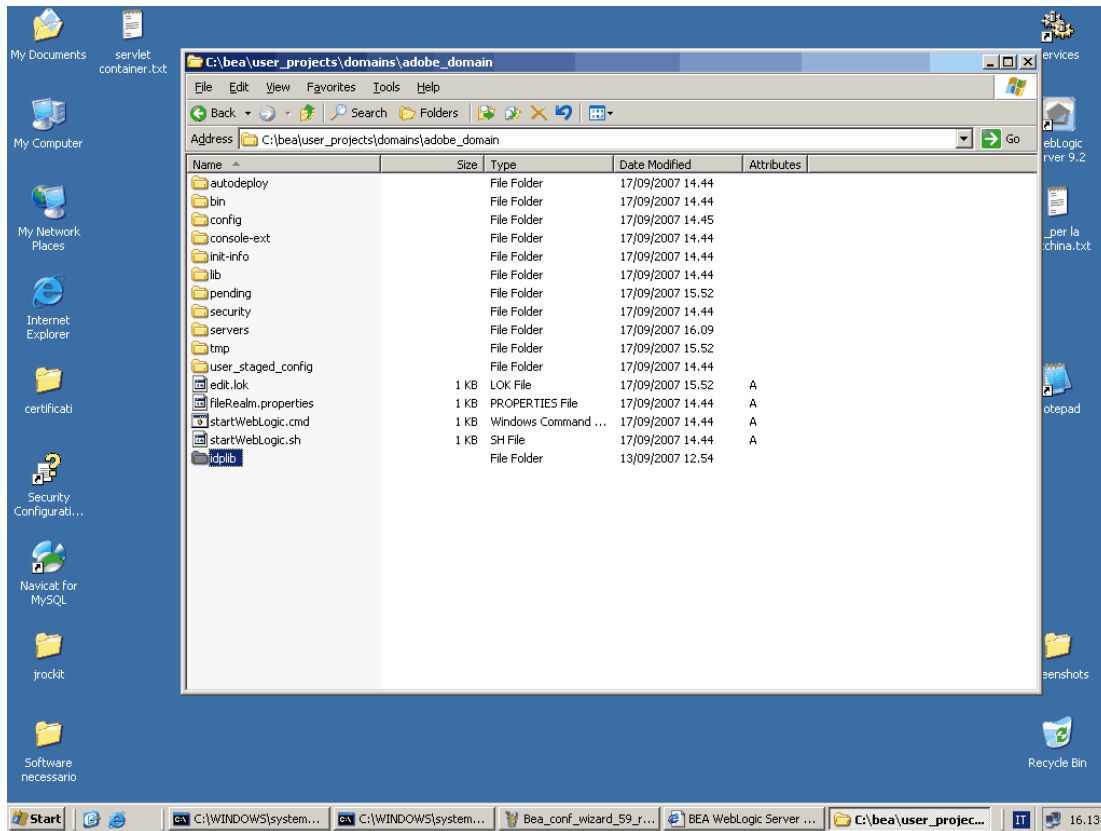
Servers

Start	Resume	Suspend	Shutdown	Restart SSL	Server	Machine	State	Status of Last Action
<input checked="" type="checkbox"/>					AdminServer(admin)		RUNNING	None
<input checked="" type="checkbox"/>					server1	machine1	UNKNOWN	None

Showing 1 - 2 of 2 Previous | Next



Modifying class files



Modifying the classpath on server

BEA WebLogic Server Administration Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites

Address http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=ServerConfigServerstartTabPage&CoreServerServerConfigServerstartPortlethandle=com.bea.c Go Links

Configuration Protocols Logging Debug Monitoring Control Deployments Services Security Notes

General Cluster Services Keystores SSL Federation Services Deployment Migration Tuning Overload Health Monitoring Server Start

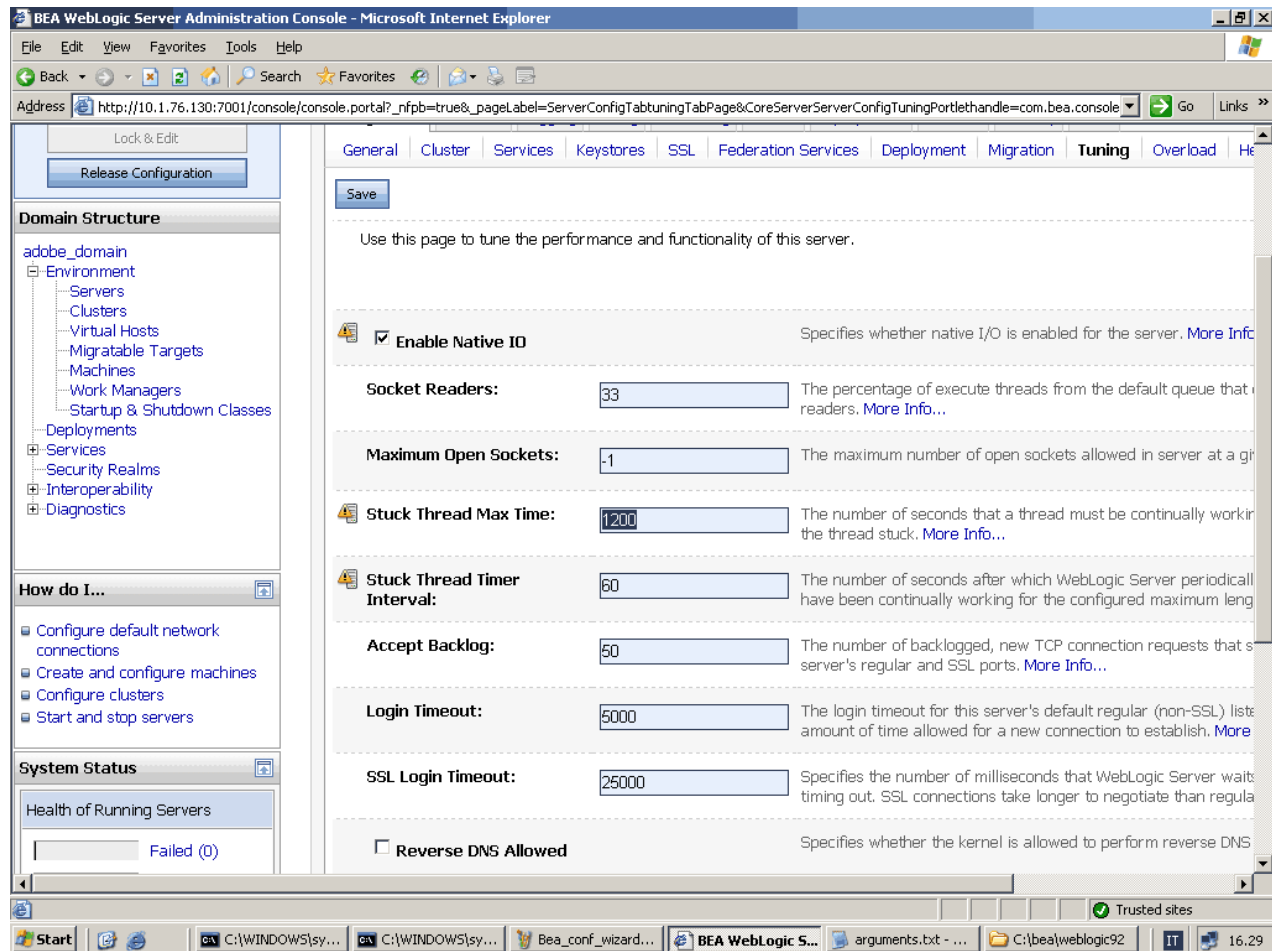
Save

Node Manager is a WebLogic Server utility that you can use to start, suspend, shut down, and restart servers in normal or unexpected conditions. Use this page to configure the startup settings that Node Manager will use to start this server on a remote machine.

Java Home:	<input type="text"/>	The Java home directory (path on the machine running Node Manager) to use when starting this server. More Info...
Java Vendor:	<input type="text"/>	The Java Vendor value to use when starting this server. For example, BEA, Sun, HP etc. More Info...
BEA Home:	<input type="text"/>	The BEA home directory (path on the machine running Node Manager) to use when starting this server. More Info...
Root Directory:	<input type="text"/>	The directory that this server uses as its root directory. This directory must be on the computer that hosts the Node Manager. If you do not specify a Root Directory value, the default Node Manager working directory is used (generally WL_HOME\common\odemanager). More Info...
Class Path:	<input type="text" value="\\AdobeLiveCycle8\\lib\\db\\mysql\\mysql-connector-java-3.1.12-bin.jar"/>	The classpath (path on the machine running Node Manager) to use when starting this server. More Info...
Arguments:	<input type="text" value="adobe_domain,-Djava.net.preferIPv4Stack=true,-Dfile.encoding=utf8"/>	The arguments to use when starting this server. More Info...

Start C:\WINDOWS\sy... C:\WINDOWS\sy... Bea_conf_wizard... BEA WebLogic S... arguments.txt - ... C:\bea\weblogic92 16.27

Increasing the WebLogic Server stuck thread time-out

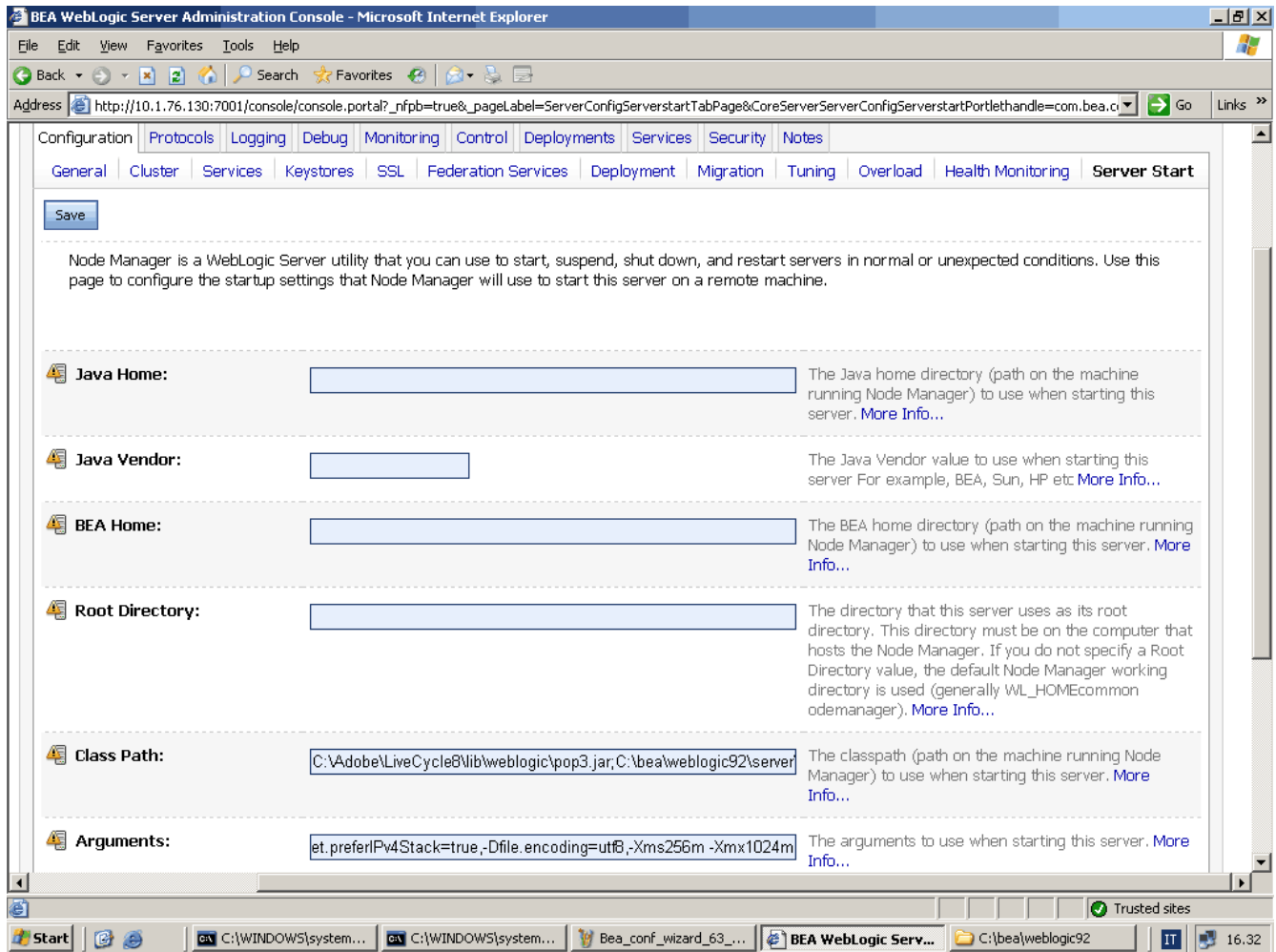


The screenshot shows the BEA WebLogic Server Administration Console in Microsoft Internet Explorer. The browser address bar shows the URL: `http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=ServerConfigTabtuningTabPage&CoreServerServerConfigTuningPortlethandle=com.bea.console`. The console has a left-hand navigation pane with a tree view showing the domain structure: `adobe_domain` (Environment, Servers, Clusters, Virtual Hosts, Migratable Targets, Machines, Work Managers, Startup & Shutdown Classes, Deployments, Services, Security Realms, Interoperability, Diagnostics). Below the tree is a 'How do I...' section with links like 'Configure default network connections', 'Create and configure machines', 'Configure clusters', and 'Start and stop servers'. The main content area is titled 'Tuning' and contains a 'Save' button and a description: 'Use this page to tune the performance and functionality of this server.' The configuration settings are as follows:

Setting	Value	Description
<input checked="" type="checkbox"/> Enable Native I/O		Specifies whether native I/O is enabled for the server. More Info...
Socket Readers:	33	The percentage of execute threads from the default queue that are used as socket readers. More Info...
Maximum Open Sockets:	-1	The maximum number of open sockets allowed in server at a given time.
<input checked="" type="checkbox"/> Stuck Thread Max Time:	1200	The number of seconds that a thread must be continually working for the thread to be considered stuck. More Info...
<input checked="" type="checkbox"/> Stuck Thread Timer Interval:	60	The number of seconds after which WebLogic Server periodically checks for stuck threads. More Info...
Accept Backlog:	50	The number of backlogged, new TCP connection requests that the server's regular and SSL ports can accept. More Info...
Login Timeout:	5000	The login timeout for this server's default regular (non-SSL) listener. More Info...
SSL Login Timeout:	25000	Specifies the number of milliseconds that WebLogic Server waits for an SSL connection to be established before timing out. SSL connections take longer to negotiate than regular connections.
<input type="checkbox"/> Reverse DNS Allowed		Specifies whether the kernel is allowed to perform reverse DNS lookups.

The bottom of the console shows a 'System Status' section with a 'Health of Running Servers' table. The table has one row with the status 'Failed (0)'. The Windows taskbar at the bottom shows the Start button and several open applications, including 'C:\WINDOWS\sy...', 'Bea_conf_wizard...', 'BEA WebLogic S...', 'arguments.txt - ...', and 'C:\bea\weblogic92'.

Configuring the JVM arguments



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=ServerConfigServerstartTabPage&CoreServerServerConfigServerstartPortlethandle=com.bea.c...

Configuration | Protocols | Logging | Debug | Monitoring | Control | Deployments | Services | Security | Notes

General | Cluster | Services | Keystores | SSL | Federation Services | Deployment | Migration | Tuning | Overload | Health Monitoring | **Server Start**

Save

Node Manager is a WebLogic Server utility that you can use to start, suspend, shut down, and restart servers in normal or unexpected conditions. Use this page to configure the startup settings that Node Manager will use to start this server on a remote machine.

Java Home: The Java home directory (path on the machine running Node Manager) to use when starting this server. [More Info...](#)

Java Vendor: The Java Vendor value to use when starting this server. For example, BEA, Sun, HP etc. [More Info...](#)

BEA Home: The BEA home directory (path on the machine running Node Manager) to use when starting this server. [More Info...](#)

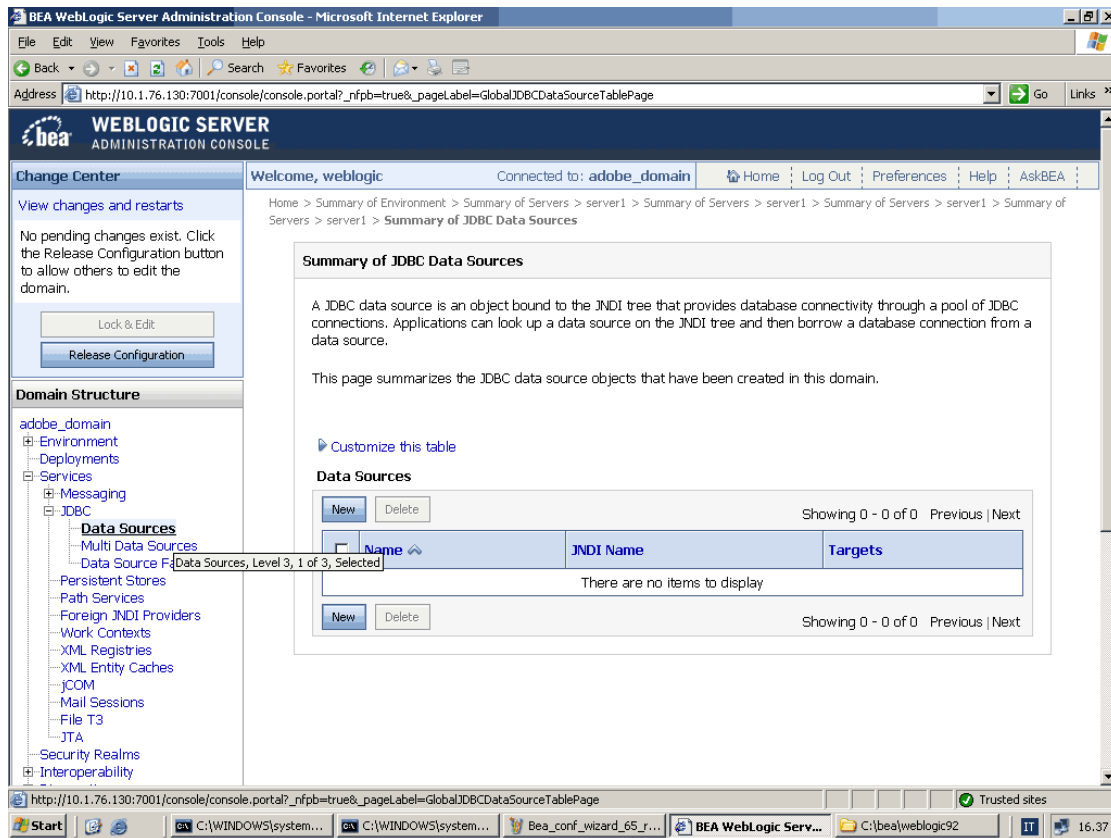
Root Directory: The directory that this server uses as its root directory. This directory must be on the computer that hosts the Node Manager. If you do not specify a Root Directory value, the default Node Manager working directory is used (generally WL_HOME\common\odemanager). [More Info...](#)

Class Path: The classpath (path on the machine running Node Manager) to use when starting this server. [More Info...](#)

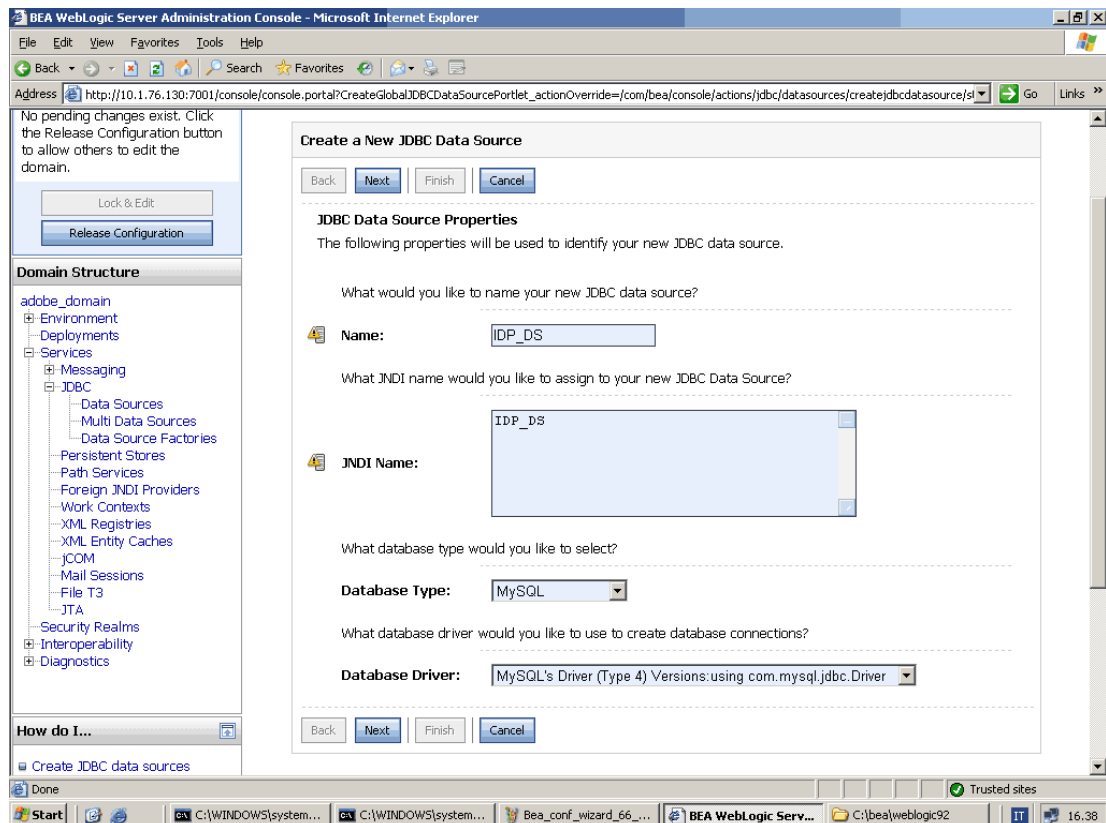
Arguments: The arguments to use when starting this server. [More Info...](#)

Start | C:\WINDOWS\system... | C:\WINDOWS\system... | Bea_conf_wizard_63... | **BEA WebLogic Serv...** | C:\bea\weblogic92 | 16.32

Configuring MySQL database connectivity



The screenshot shows the BEA WebLogic Server Administration Console in Microsoft Internet Explorer. The address bar displays the URL: `http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=GlobalJDBCDataSourceTablePage`. The console interface includes a "Change Center" on the left with "View changes and restarts" and "Release Configuration" buttons. The "Domain Structure" tree on the left shows the hierarchy: `adobe_domain` > `Environment` > `Deployments` > `Services` > `Messaging` > `JDBC` > `Data Sources`. The main content area is titled "Summary of JDBC Data Sources" and contains a table with columns "Name", "JNDI Name", and "Targets". The table is currently empty, displaying "There are no items to display".



The screenshot shows the "Create a New JDBC Data Source" wizard in the BEA WebLogic Server Administration Console. The address bar displays the URL: `http://10.1.76.130:7001/console/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/s/`. The wizard is titled "Create a New JDBC Data Source" and includes a "JDBC Data Source Properties" section. The properties are as follows:

- Name:** IDP_DS
- JNDI Name:** IDP_DS
- Database Type:** MySQL
- Database Driver:** MySQL's Driver (Type 4) Versions: using com.mysql.jdbc.Driver

The wizard includes "Back", "Next", "Finish", and "Cancel" buttons at the bottom.

BEA WebLogic Server Administration Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://10.1.76.130:7001/console/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/si Go Links »

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit
Release Configuration

Domain Structure

- adobe_domain
 - Environment
 - Deployments
 - Services
 - Messaging
 - JDBC
 - Data Sources
 - Multi Data Sources
 - Data Source Factories
 - Persistent Stores
 - Path Services
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOM
 - Mail Sessions
 - File T3
 - JTA
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...
Create JDBC data sources

Create a New JDBC Data Source

Back Next Finish Cancel

Transaction Options

You have selected non-XA JDBC driver to create database connection in your new data source.

Does this data source support global transactions? If yes, please choose the transaction protocol for this data source.

☒ **Supports Global Transactions**

Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the Logging Last Resource (LLR) transaction optimization. Recommended in place of Emulate Two-Phase Commit.

☐ **Logging Last Resource**

Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in global transactions using JTA. Select this option only if your application can tolerate heuristic conditions.

☒ **Emulate Two-Phase Commit**

Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the one-phase commit transaction processing. With this option, no other resources can participate in the global transaction.

☐ **One-Phase Commit**

Back Next Finish Cancel

Done

Start C:\WINDOWS\system... C:\WINDOWS\system... Bea_conf_wizard_68... BEA WebLogic Serv... C:\bea\weblogic92 16.40

BEA WebLogic Server Administration Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://10.1.76.130:7001/console/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/a Go Links »

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit
Release Configuration

Domain Structure

- adobe_domain
 - Environment
 - Deployments
 - Services
 - Messaging
 - JDBC
 - Data Sources
 - Multi Data Sources
 - Data Source Factories
 - Persistent Stores
 - Path Services
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOM
 - Mail Sessions
 - File T3
 - JTA
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...
Create JDBC data sources
Create LLR-enabled JDBC data

Create a New JDBC Data Source

Back Next Finish Cancel

Connection Properties

Define Connection Properties.

What is the name of database you would like to connect to?

Database Name: livecycles

What is the name or IP address of the database server?

Host Name: 10.1.76.130

What is the port on the database server used to connect to the database?

Port: 3306

What database account user name do you want to use to create database connections?

Database User Name: adobe

What is the database account password to use to create database connections?

Password:

Confirm Password:

Back Next Finish Cancel

Done

Start C:\WINDOWS\system... C:\WINDOWS\system... Bea_conf_wizard_68... BEA WebLogic Serv... C:\bea\weblogic92 16.40

BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/bea/console/actions/jdbc/datasources/createjdbcdatasource/tx

the Release Configuration button to allow others to edit the domain.

Lock & Edit
Release Configuration

Domain Structure

- adobe_domain
 - Environment
 - Deployments
 - Services
 - Messaging
 - JDBC
 - Data Sources
 - Multi Data Sources
 - Data Source Factories
 - Persistent Stores
 - Path Services
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOM
 - Mail Sessions
 - File T3
 - JTA
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...

- Create JDBC data sources
- Create LLR-enabled JDBC data

Create a New JDBC Data Source

Test Configuration Back Next Finish Cancel

Test Database Connection

Test the database availability and the connection properties you provided.

What is the full package name of JDBC driver class used to create database connections in the connection pool? (Note that this driver class must be in the classpath of any server to which it is deployed.)

Driver Class Name: com.mysql.jdbc.Driver

What is the URL of the database to connect to? The format of the URL varies by JDBC driver.

URL: jdbc:mysql://10.1.76.130:

What database account user name do you want to use to create database connections?

Database User Name: adobe

What is the database account password to use to create database connections?

Password:

Confirm Password:

What are the properties to pass to the JDBC driver when creating database connections?

Properties: user=adobe

Done Trusted sites

Start C:\WINDOWS\system... C:\WINDOWS\system... Bea_conf_wizard_69... BEA WebLogic Serv... C:\bea\weblogic92 16.41

BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JDBCDataSourceTargetDeployTabPage&JDBCTargetsPortletHandle=com.bea.console.handlers.JM

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Change Center 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

- adobe_domain
 - Environment
 - Servers
 - Clusters
 - Virtual Hosts
 - Migratable Targets
 - Machines
 - Work Managers
 - Startup & Shutdown Classes
 - Deployments
 - Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules
 - Bridges
 - JDBC
 - Data Sources
 - Multi Data Sources
 - Data Source Factories
 - Persistent Stores
 - Path Services

Settings for IDP_DS

Configuration Targets Monitoring Control Security Notes

Save

This page allows you to select the servers or clusters on which you would like to deploy this JDBC data source.

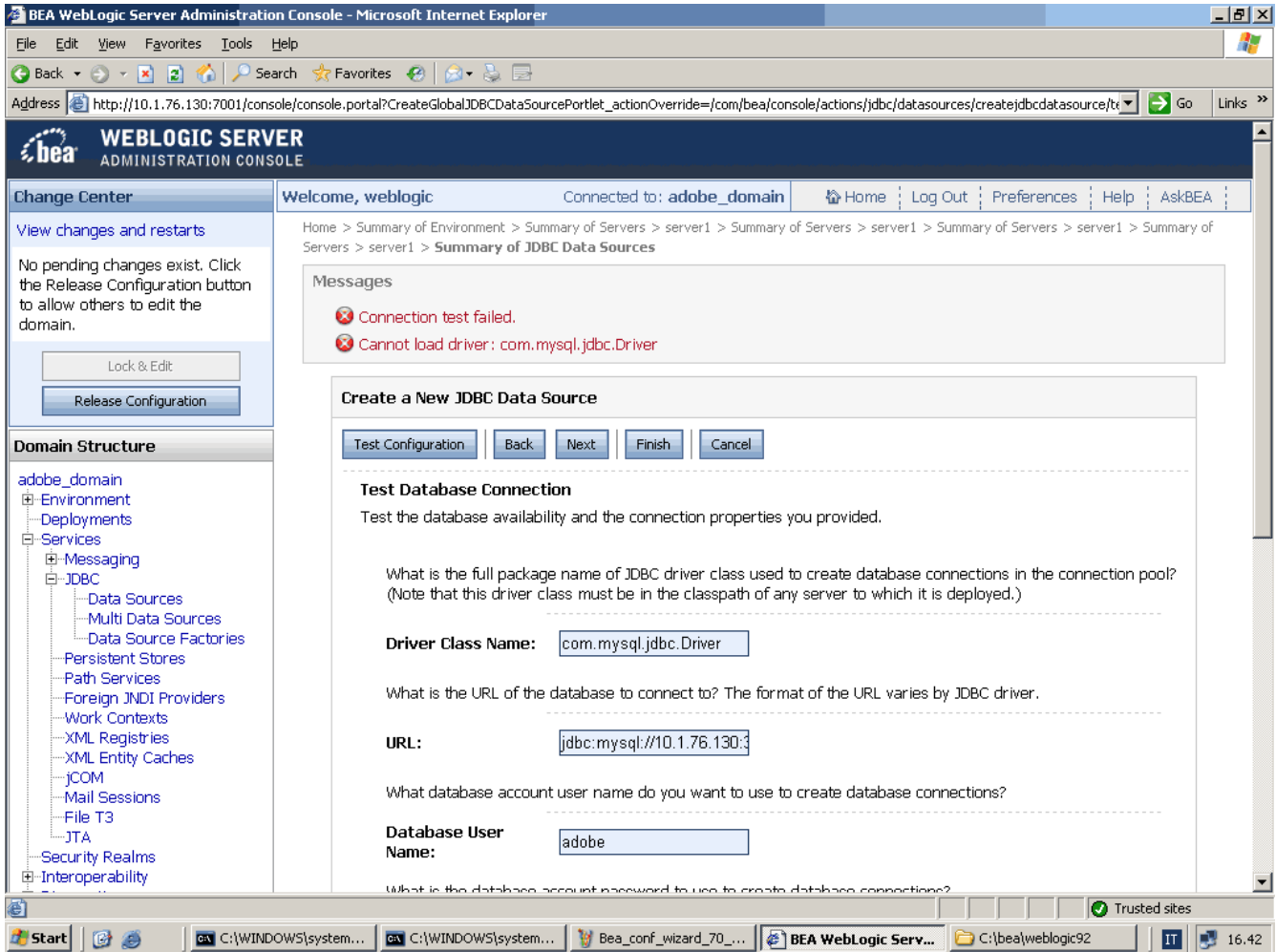
Servers

- ☐ AdminServer
- ☒ server1

Save

Done Trusted sites

Start Bea_conf_wiz... C:\Adobe\liv... Node Manage... Start Admin S... C:\WINDOWS... BEA WebLog... Adobe LiveCy... 0.18



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://10.1.76.130:7001/console/console.portal?CreateGlobalJDBCDataSourcePortlet_actionOverride=/com/BEA/console/actions/jdbc/datasources/createjdbcDataSource/tx Go Links

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Change Center: 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: adobe_domain > Environment > Deployments > Services > Messaging > JDBC > Data Sources

Welcome, weblogic Connected to: adobe_domain [Home] [Log Out] [Preferences] [Help] [AskBEA]

Home > Summary of Environment > Summary of Servers > server1 > Summary of Servers > server1 > Summary of Servers > server1 > Summary of Servers > server1 > Summary of JDBC Data Sources

Messages:

- Connection test failed.
- Cannot load driver: com.mysql.jdbc.Driver

Create a New JDBC Data Source [Test Configuration] [Back] [Next] [Finish] [Cancel]

Test Database Connection
Test the database availability and the connection properties you provided.

What is the full package name of JDBC driver class used to create database connections in the connection pool? (Note that this driver class must be in the classpath of any server to which it is deployed.)

Driver Class Name:

What is the URL of the database to connect to? The format of the URL varies by JDBC driver.

URL:

What database account user name do you want to use to create database connections?

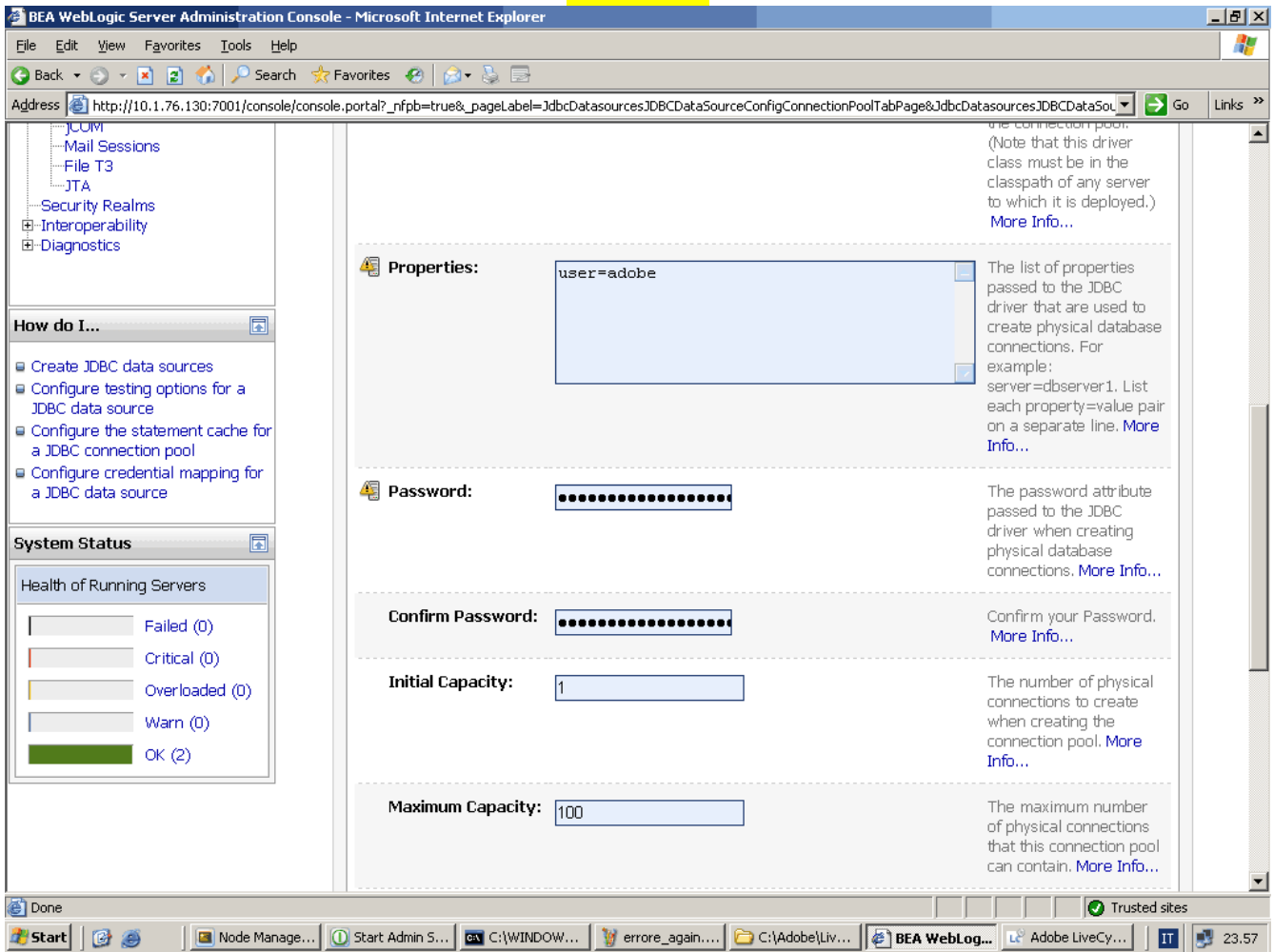
Database User Name:

What is the database account password to use to create database connections?

Trusted sites

Start [C:\WINDOWS\system... [C:\WINDOWS\system... [Bea_conf_wizard_70... [BEA WebLogic Serv... [C:\bea\weblogic92 [16.42

**AVOID
ERROR!!!!**



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JdbcDataSourcesJDBCDataSourceConfigConnectionPoolTabPage&JdbcDataSourcesJDBCDataSourceSol...

Properties: user=adobe

Password: [masked]

Confirm Password: [masked]

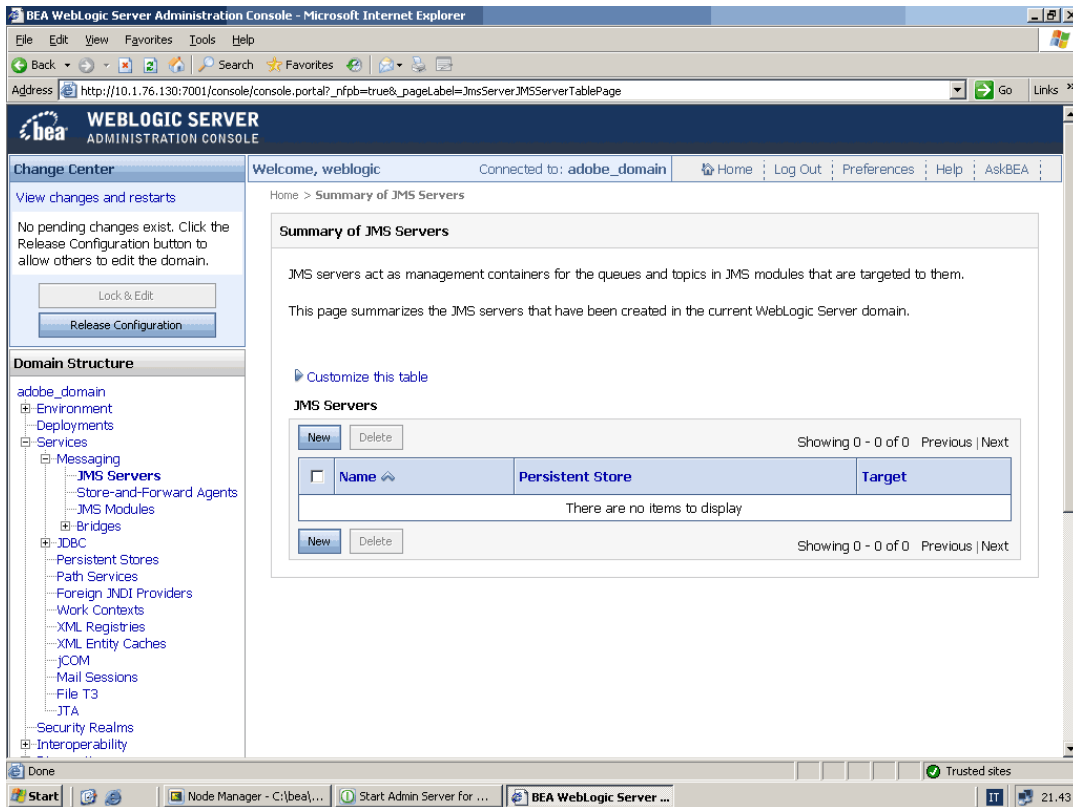
Initial Capacity: 1

Maximum Capacity: 100

Health of Running Servers

Health	Count
Failed	(0)
Critical	(0)
Overloaded	(0)
Warn	(0)
OK	(2)

Configuring JMS resources for WebLogic Server

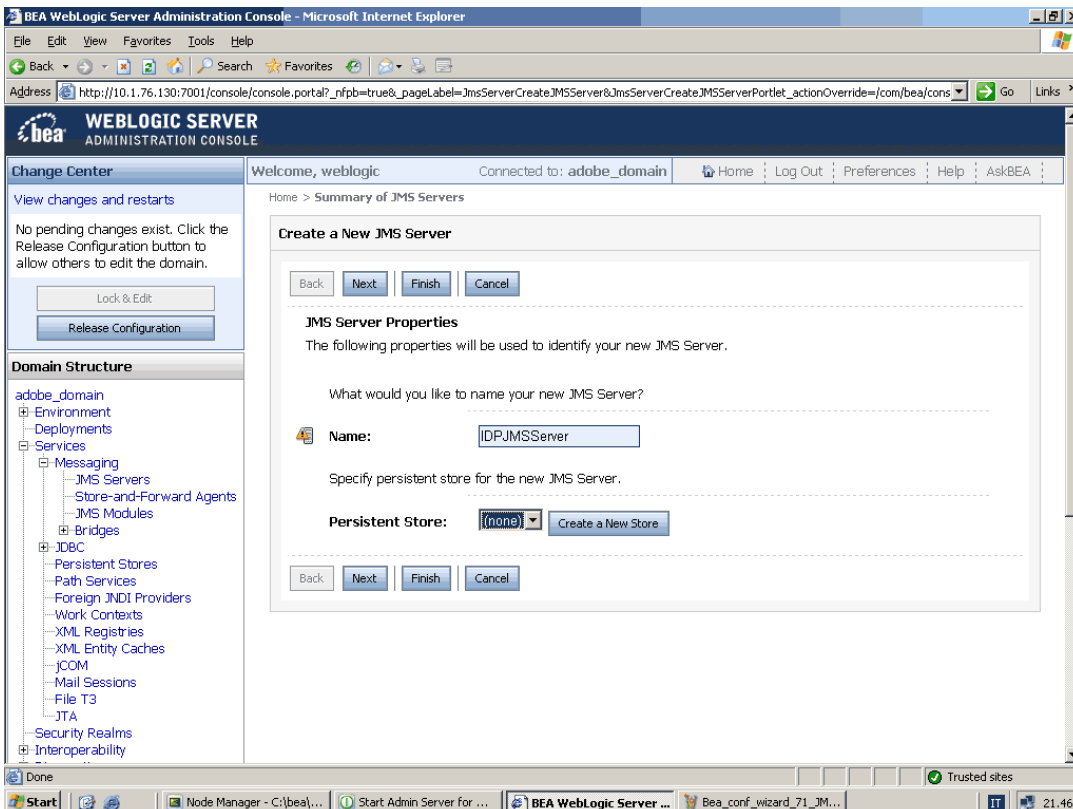


The screenshot shows the BEA WebLogic Server Administration Console in Microsoft Internet Explorer. The browser address bar shows the URL: `http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JmsServerJMServerTablePage`. The console header displays "WEBLOGIC SERVER ADMINISTRATION CONSOLE" and "Welcome, weblogic". The left sidebar shows the "Domain Structure" tree with "JMS Servers" selected under "Messaging". The main content area is titled "Summary of JMS Servers" and contains the following text:

JMS servers act as management containers for the queues and topics in JMS modules that are targeted to them.

This page summarizes the JMS servers that have been created in the current WebLogic Server domain.

Below the text is a table titled "JMS Servers" with columns "Name", "Persistent Store", and "Target". The table is empty, and the message "There are no items to display" is shown. Navigation buttons "New" and "Delete" are present above and below the table.



The screenshot shows the BEA WebLogic Server Administration Console in Microsoft Internet Explorer. The browser address bar shows the URL: `http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JmsServerCreateJMServer&JmsServerCreateJMServerPortlet_actionOverride=/com/bea/cons...`. The console header displays "WEBLOGIC SERVER ADMINISTRATION CONSOLE" and "Welcome, weblogic". The left sidebar shows the "Domain Structure" tree with "JMS Servers" selected under "Messaging". The main content area is titled "Create a New JMS Server" and contains the following text:

What would you like to name your new JMS Server?

Name:

Specify persistent store for the new JMS Server.

Persistent Store: [Create a New Store](#)

Navigation buttons "Back", "Next", "Finish", and "Cancel" are present at the top and bottom of the wizard.

BEA WebLogic Server Administration Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites

Address http://10.1.76.130:7001/console/console.portal?JmsServerCreate.JMSServerPortlet_actionOverride=/com/bea/console/actions/jms/server/createjmsserver/newStore Go Links

WEBLOGIC SERVER
ADMINISTRATION CONSOLE

Change Center
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
adobe_domain
Environment
Deployments
Services
Messaging
JMS Servers
Store-and-Forward Agents
JMS Modules
Bridges
JDBC
Persistent Stores
Path Services
Foreign JNDI Providers
Work Contexts
XML Registries
XML Entity Caches
jCOM
Mail Sessions
File T3
JTA
Security Realms
Interoperability

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers

Create a New JMS Server

Back Next Finish Cancel

Select a store type.
Please select the type of store you wish to create from the list.

Type: JDBC Store

Back Next Finish Cancel

Done

Start Node Manager - C:\bea\... Start Admin Server for ... BEA WebLogic Server ... Bea_conf_wizard_72_JM... 21.46

BEA WebLogic Server Administration Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites

Address http://10.1.76.130:7001/console/console.portal?JmsServerCreate.JMSServerPortlet_actionOverride=/com/bea/console/actions/jms/stores/createstore/selectStoreType Go Links

WEBLOGIC SERVER
ADMINISTRATION CONSOLE

Change Center
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
adobe_domain
Environment
Deployments
Services
Messaging
JMS Servers
Store-and-Forward Agents
JMS Modules
Bridges
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Persistent Stores
Path Services
Foreign JNDI Providers
Work Contexts
XML Registries
XML Entity Caches
jCOM
Mail Sessions
File T3
JTA
Security Realms
Interoperability
Diagnostics

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers

Create a New JMS Server

Back Next Finish Cancel

Create a new JDBC Store
The following properties will be used to identify your new JDBC store.

What would you like to name your new JDBC store?
Name: IDPJDBCStore

Select the server instance for this JDBC store.
Target: server1

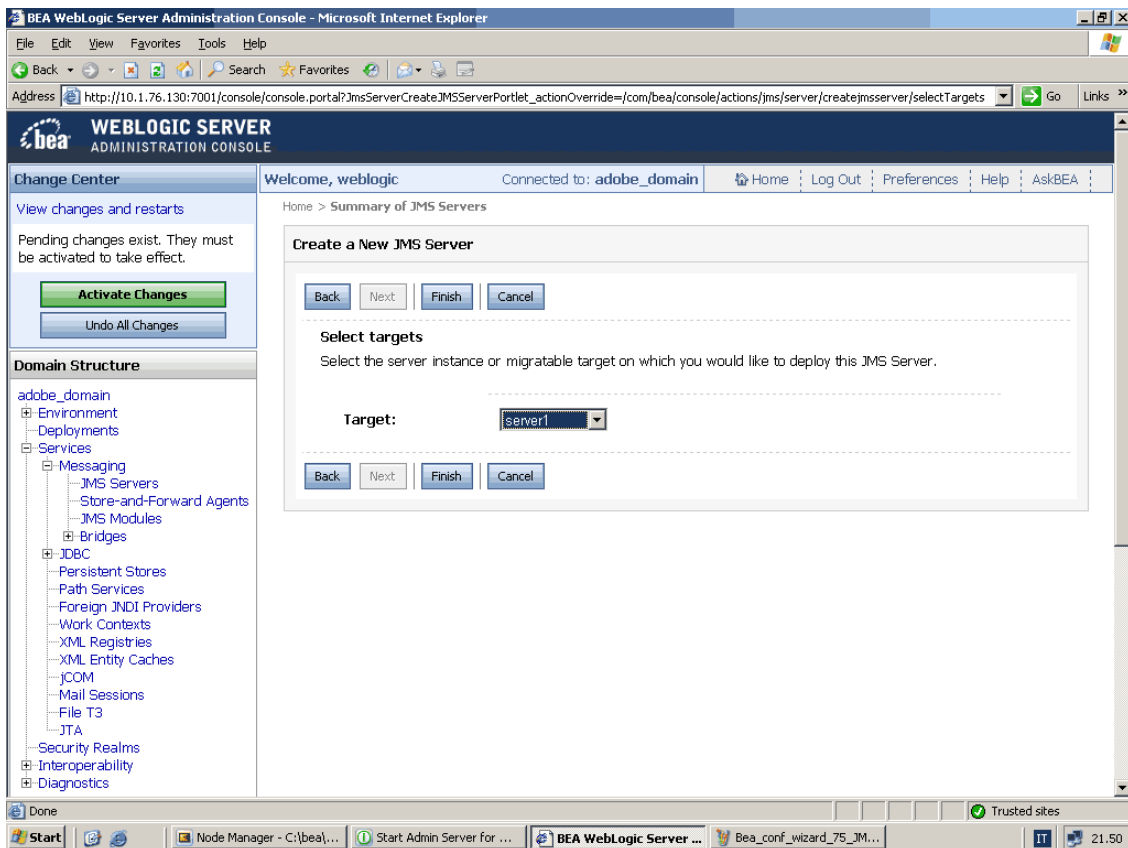
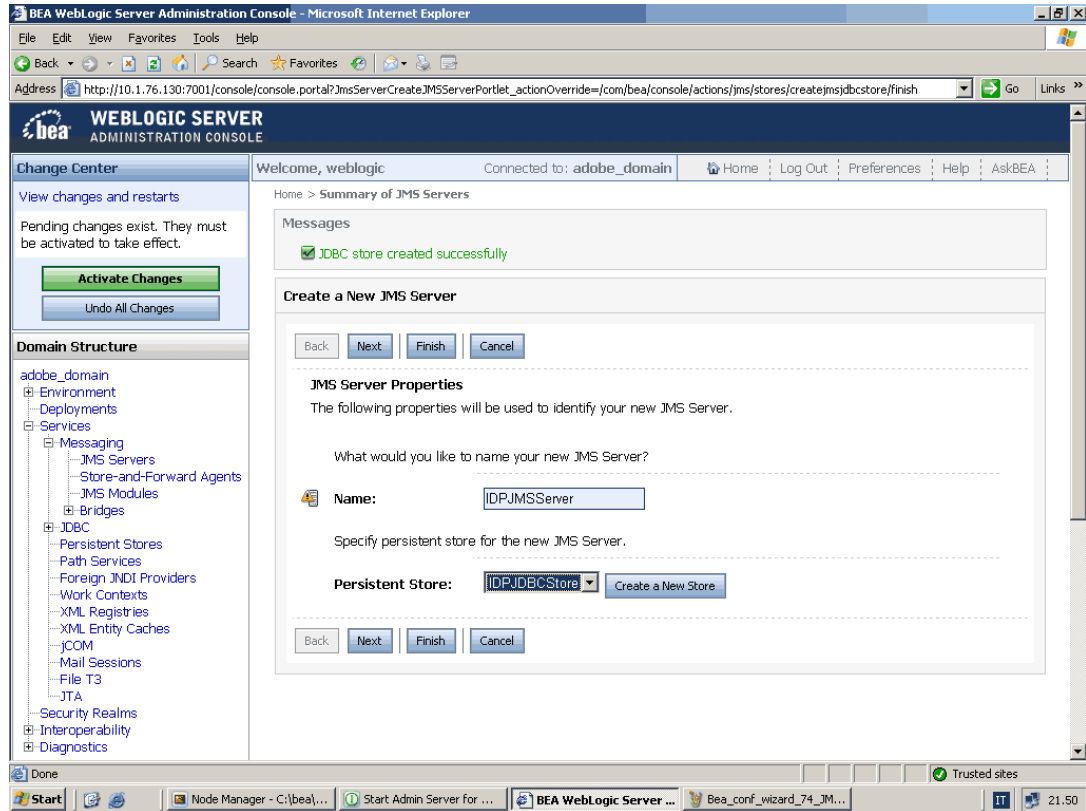
Select the data source for this JDBC store.
Data Source: IDP_DS Create a New Data Source

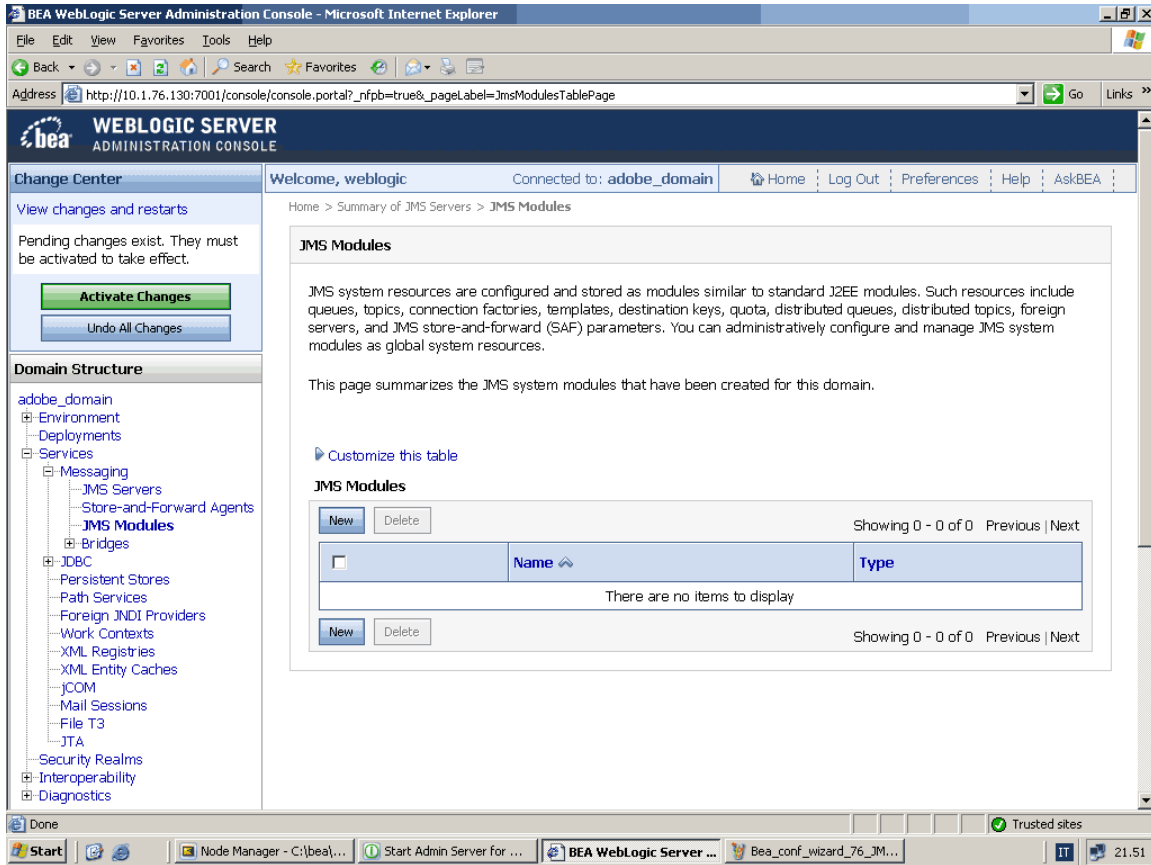
The prefix name that is prepended to the JDBC store table names in this JDBC store.
Prefix Name:

Back Next Finish Cancel

Done

Start Node Manager - C:\bea\... Start Admin Server for ... BEA WebLogic Server ... Bea_conf_wizard_73_JM... 21.49





BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JmsModulesTablePage

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Change Center View changes and restarts Pending changes exist. They must be activated to take effect. **Activate Changes** Undo All Changes

Domain Structure

- adobe_domain
 - Environment
 - Deployments
 - Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules**
 - Bridges
 - JDBC
 - Persistent Stores
 - Path Services
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOM
 - Mail Sessions
 - File T3
 - JTA
 - Security Realms
 - Interoperability
 - Diagnostics

JMS Modules

JMS system resources are configured and stored as modules similar to standard J2EE modules. Such resources include queues, topics, connection factories, templates, destination keys, quota, distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure and manage JMS system modules as global system resources.

This page summarizes the JMS system modules that have been created for this domain.

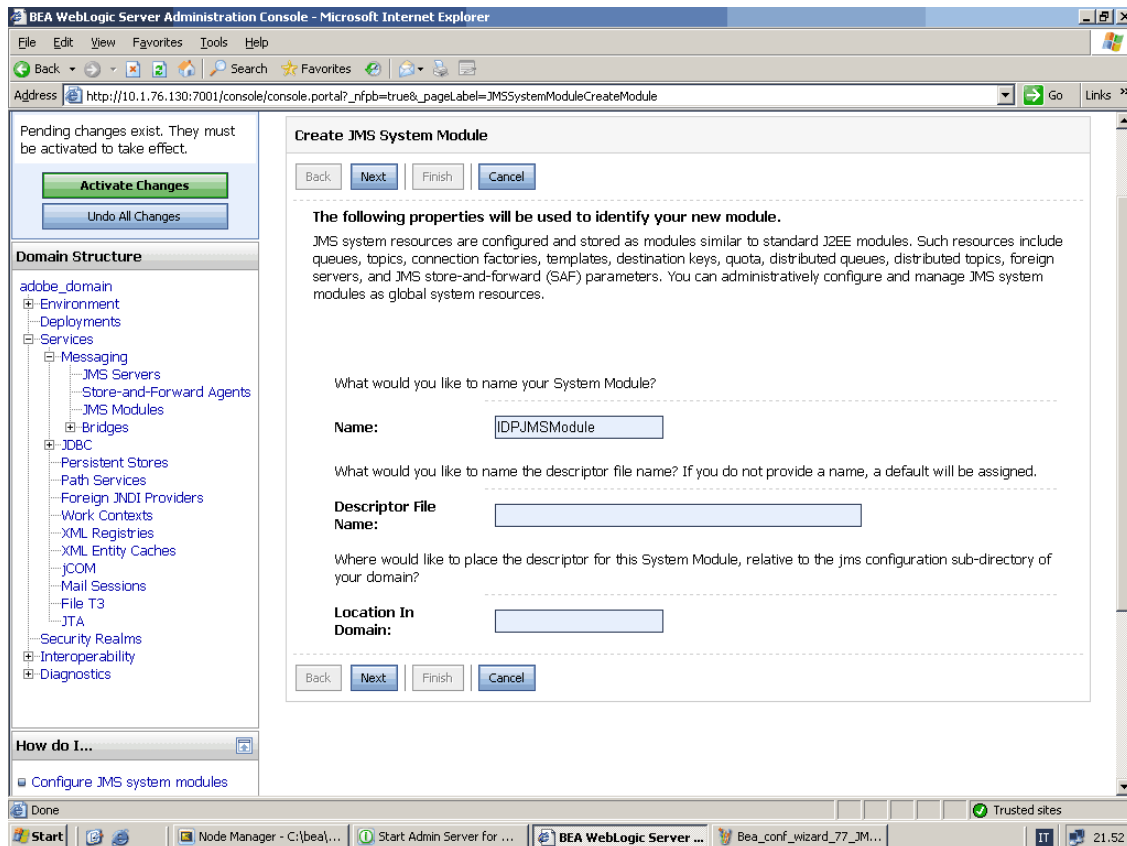
[Customize this table](#)

JMS Modules

New Delete Showing 0 - 0 of 0 Previous | Next

Name	Type
There are no items to display	

New Delete Showing 0 - 0 of 0 Previous | Next



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleCreateModule

Pending changes exist. They must be activated to take effect. **Activate Changes** Undo All Changes

Domain Structure

- adobe_domain
 - Environment
 - Deployments
 - Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules**
 - Bridges
 - JDBC
 - Persistent Stores
 - Path Services
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOM
 - Mail Sessions
 - File T3
 - JTA
 - Security Realms
 - Interoperability
 - Diagnostics

Create JMS System Module

Back Next Finish Cancel

The following properties will be used to identify your new module.

JMS system resources are configured and stored as modules similar to standard J2EE modules. Such resources include queues, topics, connection factories, templates, destination keys, quota, distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure and manage JMS system modules as global system resources.

What would you like to name your System Module?

Name: IDPJMSModule

What would you like to name the descriptor file name? If you do not provide a name, a default will be assigned.

Descriptor File Name:

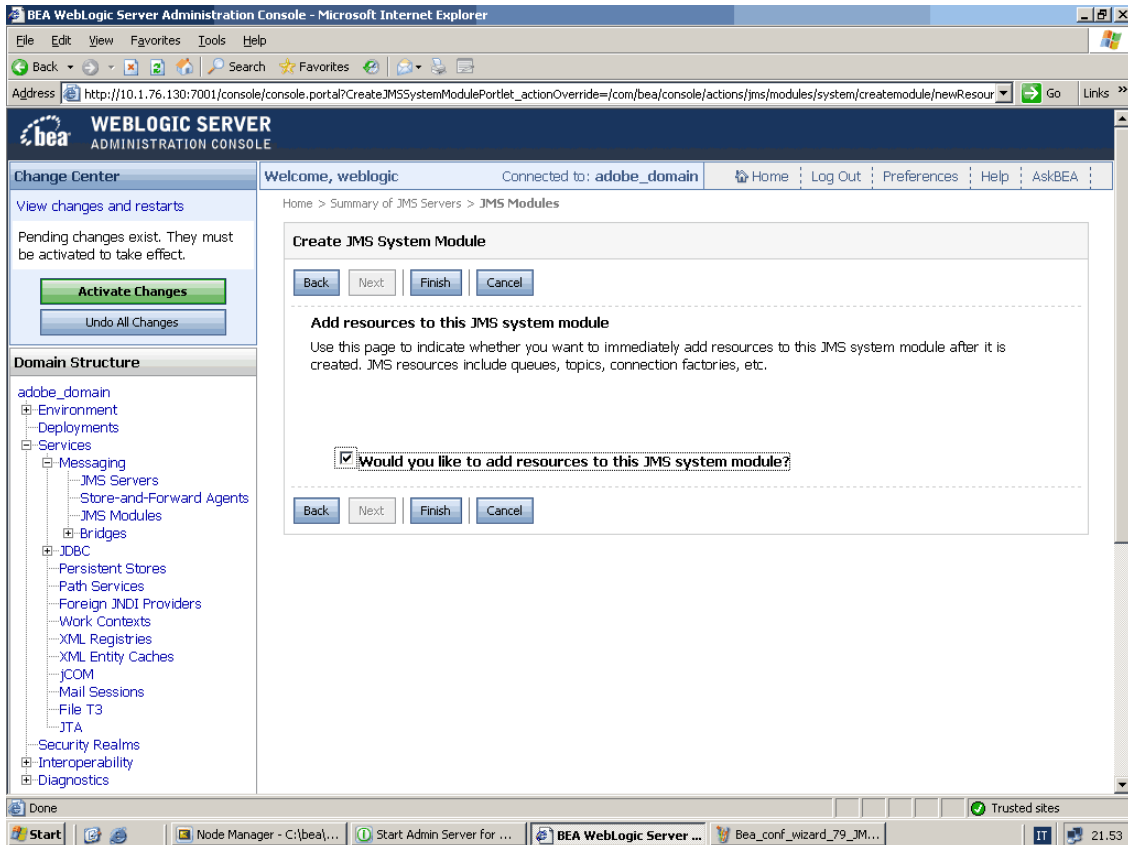
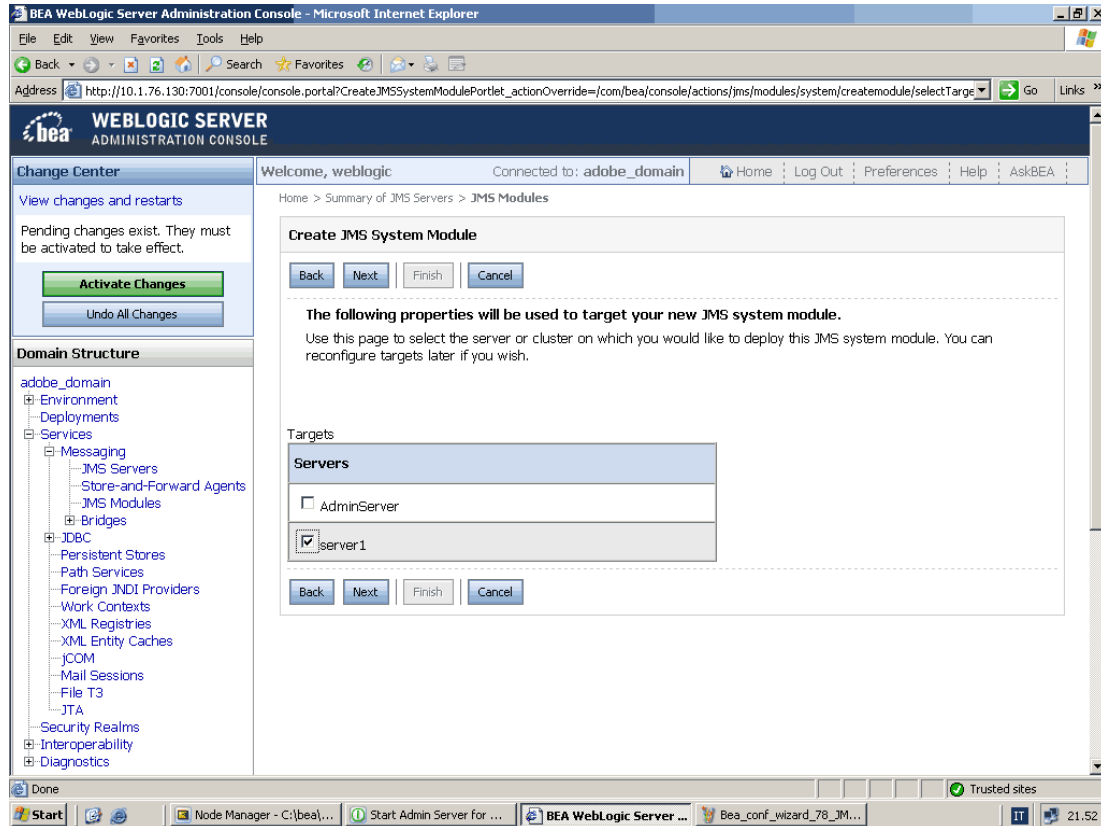
Where would like to place the descriptor for this System Module, relative to the jms configuration sub-directory of your domain?

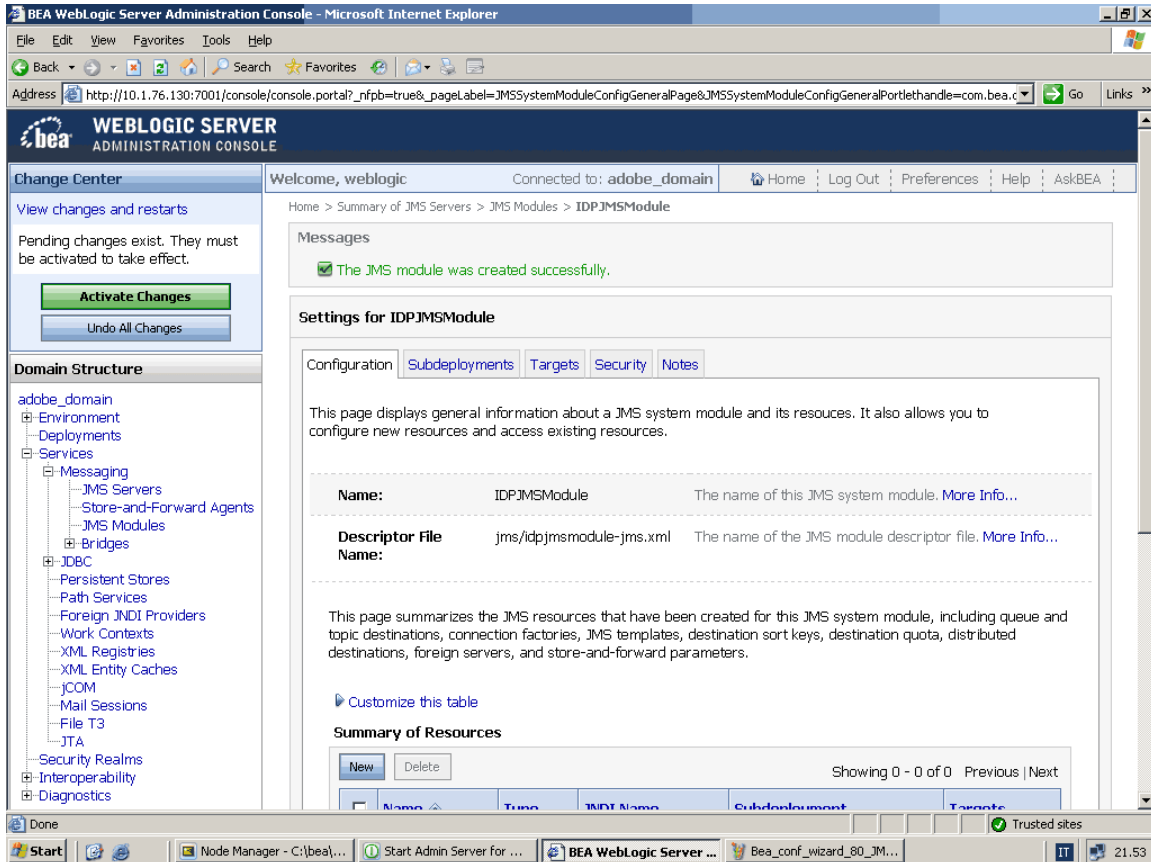
Location In Domain:

Back Next Finish Cancel

How do I...

- Configure JMS system modules





BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleConfigGeneralPage&JMSSystemModuleConfigGeneralPortlethandle=com.bea.c

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers > JMS Modules > IDPJMSModule

Messages

✓ The JMS module was created successfully.

Settings for IDPJMSModule

Configuration Subdeployments Targets Security Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

Name: IDPJMSModule The name of this JMS system module. [More Info...](#)

Descriptor File Name: jms/idpjmsmodule-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

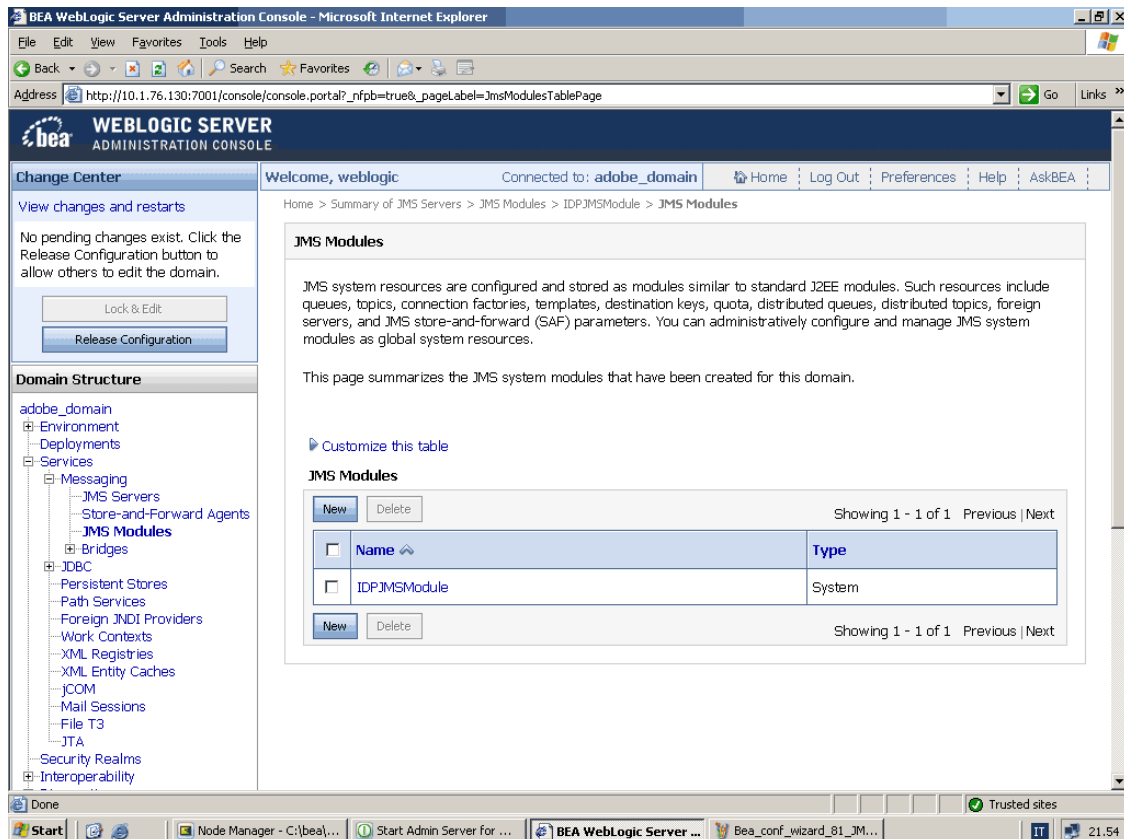
[Customize this table](#)

Summary of Resources

New Delete Showing 0 - 0 of 0 Previous | Next

Done

Start Node Manager - C:\bea\... Start Admin Server for ... BEA WebLogic Server ... Bea_conf_wizard_80_JM...



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=jmsModulesTablePage

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers > JMS Modules > IDPJMSModule > JMS Modules

JMS Modules

JMS system resources are configured and stored as modules similar to standard J2EE modules. Such resources include queues, topics, connection factories, templates, destination keys, quota, distributed queues, distributed topics, foreign servers, and JMS store-and-forward (SAF) parameters. You can administratively configure and manage JMS system modules as global system resources.

This page summarizes the JMS system modules that have been created for this domain.

[Customize this table](#)

JMS Modules

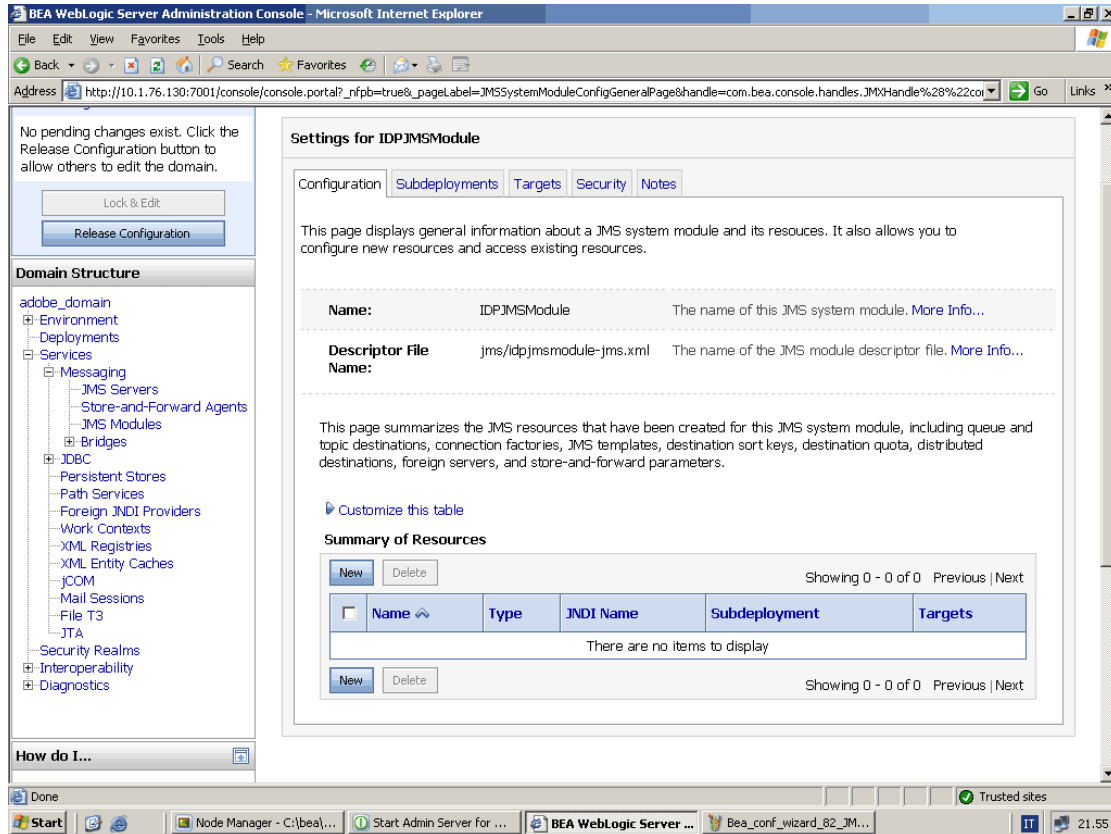
New Delete Showing 1 - 1 of 1 Previous | Next

<input type="checkbox"/>	Name	Type
<input type="checkbox"/>	IDPJMSModule	System

New Delete Showing 1 - 1 of 1 Previous | Next

Done

Start Node Manager - C:\bea\... Start Admin Server for ... BEA WebLogic Server ... Bea_conf_wizard_81_JM...



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pagelabel=JMSSystemModuleConfigGeneralPage&handle=com.bea.console.handles.JMXHandle%28%22co...

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit
Release Configuration

Domain Structure

- adobe_domain
 - Environment
 - Deployments
 - Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules
 - Bridges
 - JDBC
 - Persistent Stores
 - Path Services
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOM
 - Mail Sessions
 - File T3
 - JTA
 - Security Realms
 - Interoperability
 - Diagnostics

Settings for IDPJMSModule

Configuration Subdeployments Targets Security Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

Name: IDPJMSModule The name of this JMS system module. [More Info...](#)

Descriptor File Name: jms/idpjmsmodule-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

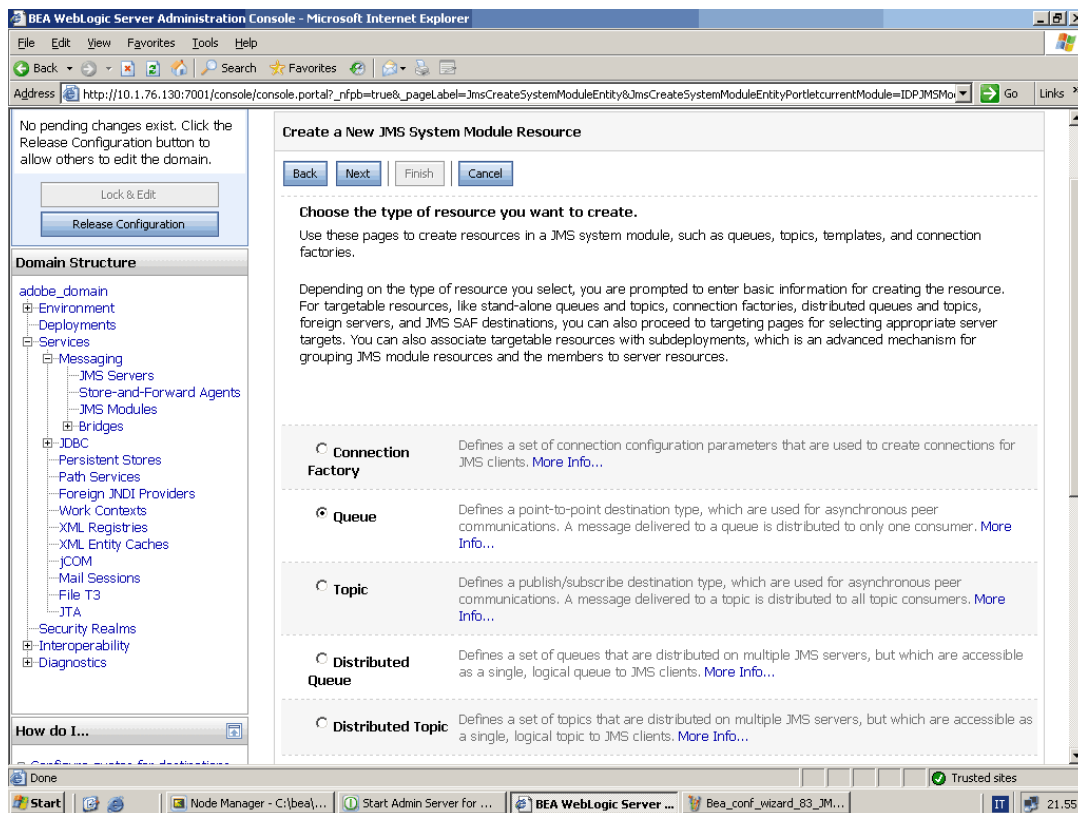
[Customize this table](#)

Summary of Resources

New Delete Showing 0 - 0 of 0 Previous | Next

<input type="checkbox"/>	Name	Type	JNDI Name	Subdeployment	Targets
There are no items to display					

New Delete Showing 0 - 0 of 0 Previous | Next



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pagelabel=JmsCreateSystemModuleEntity&JmsCreateSystemModuleEntityPortletcurrentModule=IDPJMSMo...

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit
Release Configuration

Domain Structure

- adobe_domain
 - Environment
 - Deployments
 - Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules
 - Bridges
 - JDBC
 - Persistent Stores
 - Path Services
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOM
 - Mail Sessions
 - File T3
 - JTA
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 - Interoperability
 - Diagnostics

Create a New JMS System Module Resource

Back Next Finish Cancel

Choose the type of resource you want to create.

Use these pages to create resources in a JMS system module, such as queues, topics, templates, and connection factories.

Depending on the type of resource you select, you are prompted to enter basic information for creating the resource. For targetable resources, like stand-alone queues and topics, connection factories, distributed queues and topics, foreign servers, and JMS SAF destinations, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate targetable resources with subdeployments, which is an advanced mechanism for grouping JMS module resources and the members to server resources.

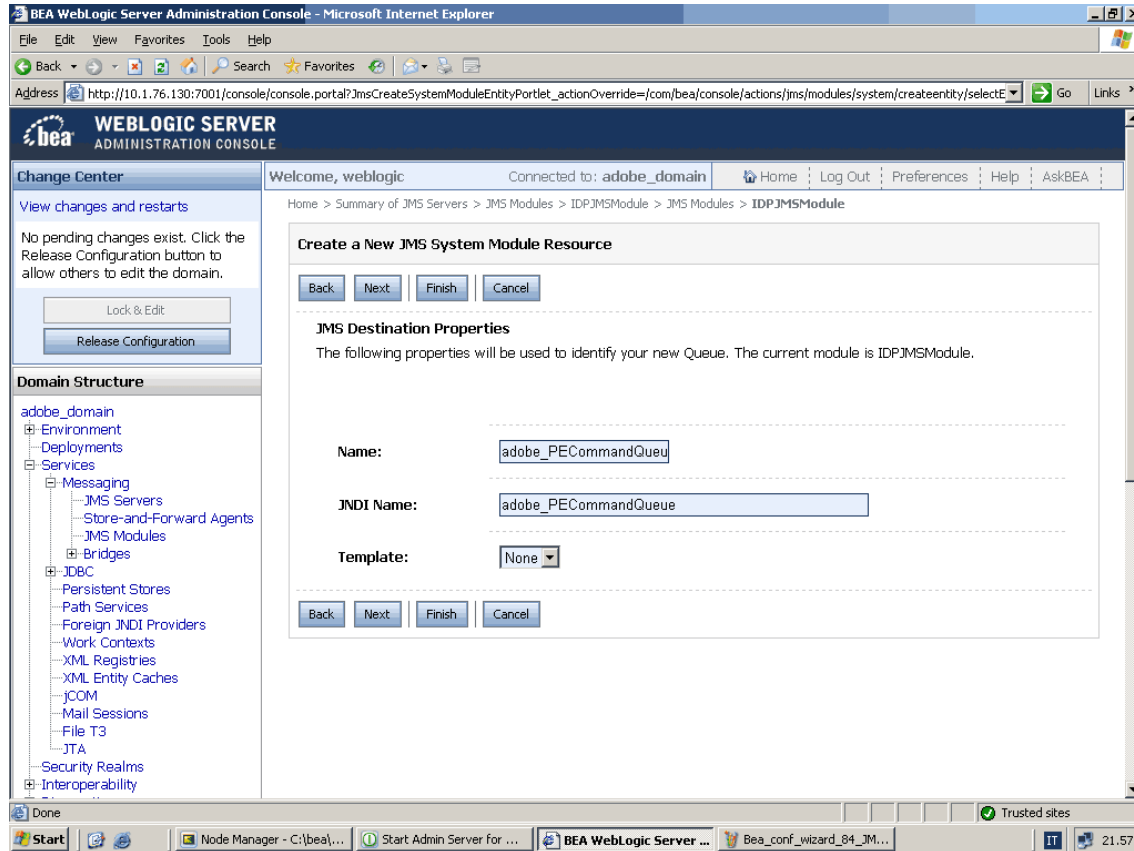
☐ **Connection Factory** Defines a set of connection configuration parameters that are used to create connections for JMS clients. [More Info...](#)

☒ **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 Info...](#)

☐ **Topic** Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. [More Info...](#)

☐ **Distributed Queue** Defines a set of queues that are distributed on multiple JMS servers, but which are accessible as a single, logical queue to JMS clients. [More Info...](#)

☐ **Distributed Topic** Defines a set of topics that are distributed on multiple JMS servers, but which are accessible as a single, logical topic to JMS clients. [More Info...](#)



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?JmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/modules/system/createentity/selectE

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule

Create a New JMS System Module Resource

Back Next Finish Cancel

JMS Destination Properties

The following properties will be used to identify your new Queue. The current module is IDPJMSModule.

Name: adobe_PECommandQueue

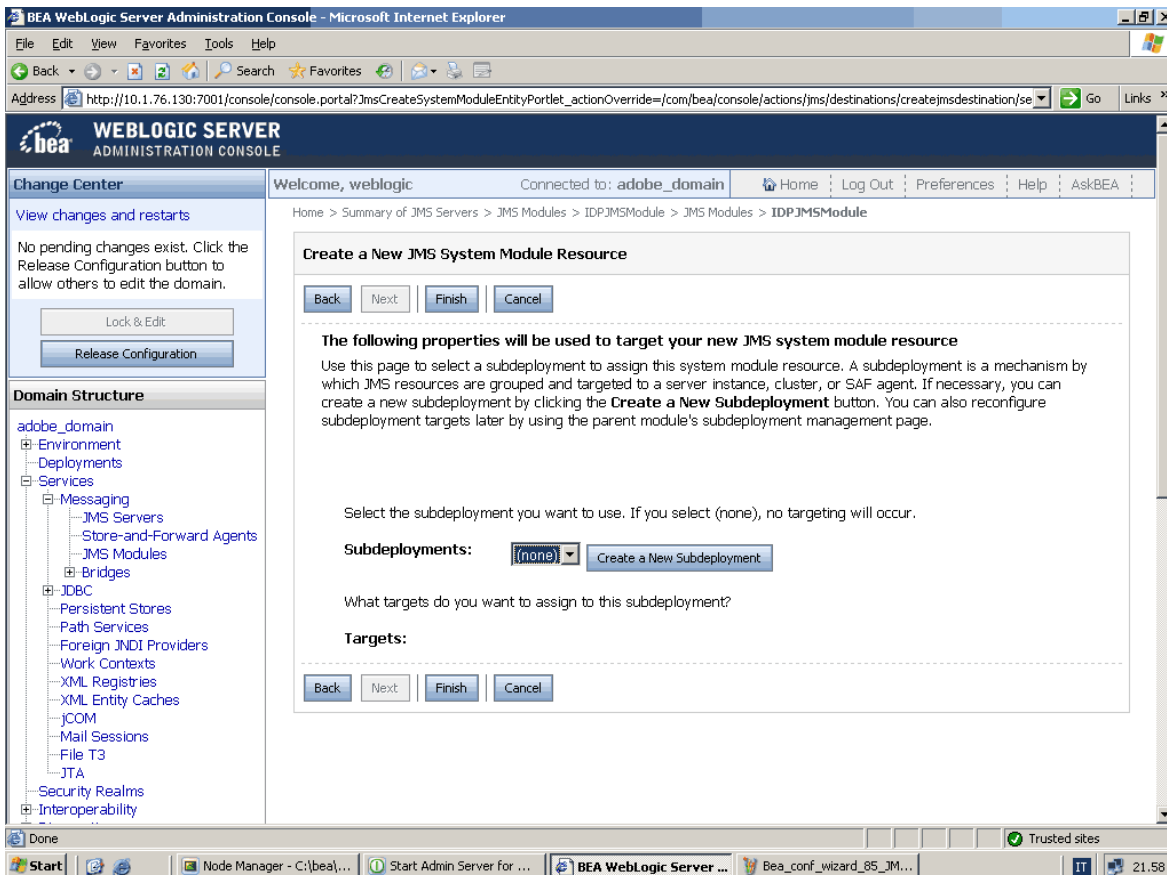
JNDI Name: adobe_PECommandQueue

Template: None

Back Next Finish Cancel

Domain Structure

- adobe_domain
 - Environment
 - Deployments
 - Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules
 - Bridges
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 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOM
 - Mail Sessions
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 - JTA
 - Security Realms
 - Interoperability



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?JmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/destinations/createjmsdestination/se

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule

Create a New JMS System Module Resource

Back Next Finish Cancel

The following properties will be used to target your new JMS system module resource

Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server instance, cluster, or SAF agent. If necessary, you can create a new subdeployment by clicking the **Create a New Subdeployment** button. You can also reconfigure subdeployment targets later by using the parent module's subdeployment management page.

Select the subdeployment you want to use. If you select (none), no targeting will occur.

Subdeployments: (none) Create a New Subdeployment

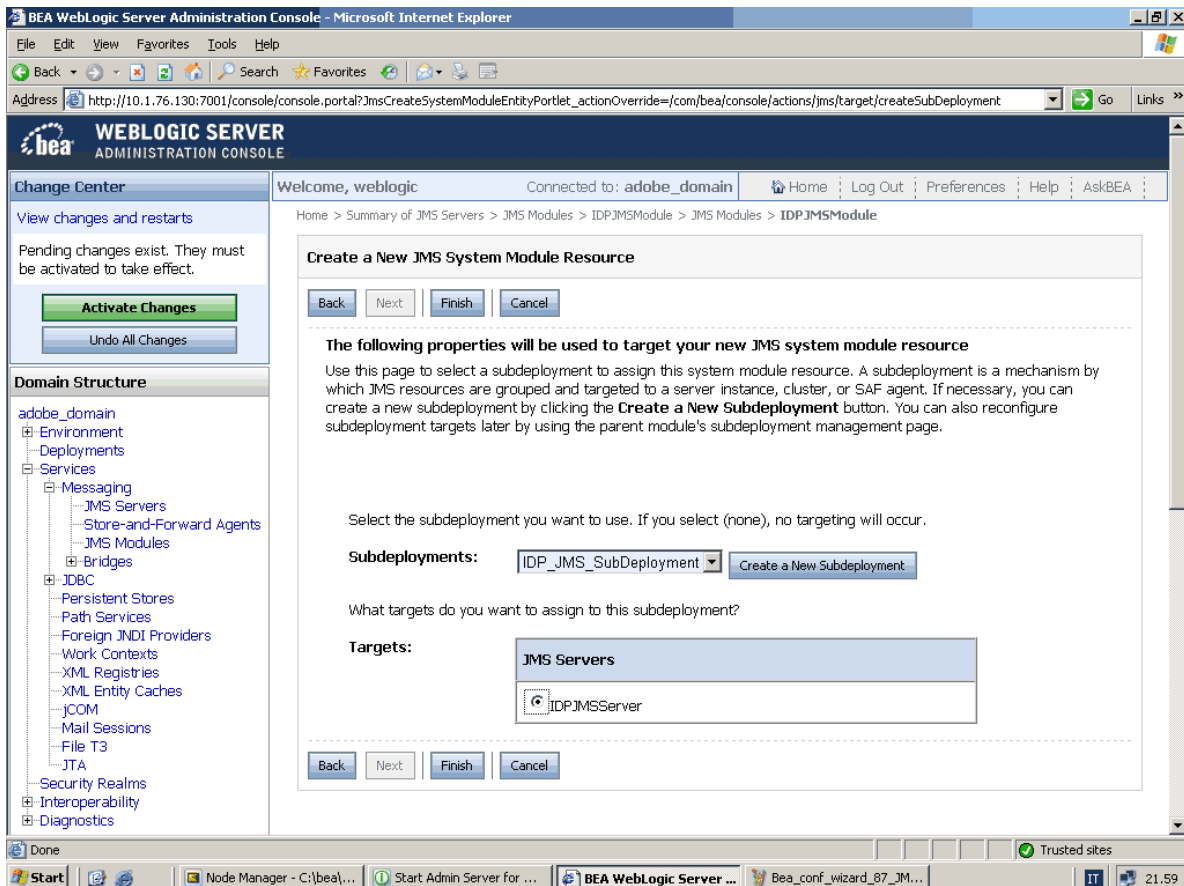
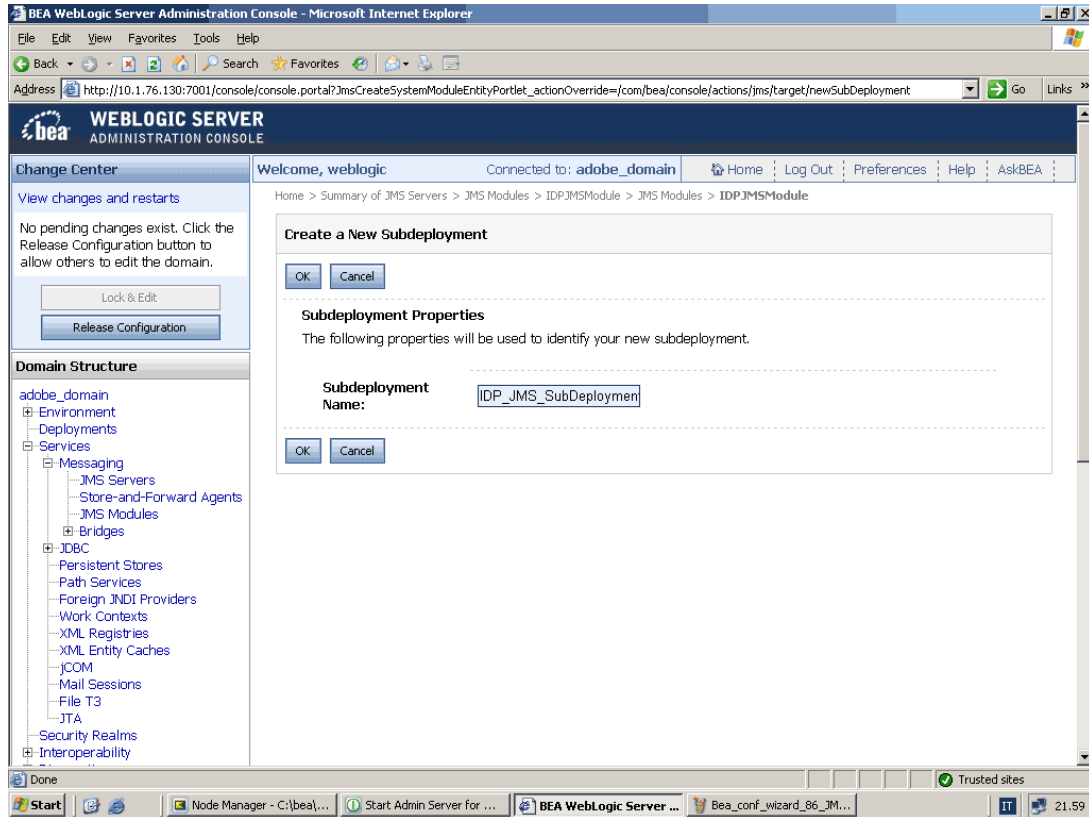
What targets do you want to assign to this subdeployment?

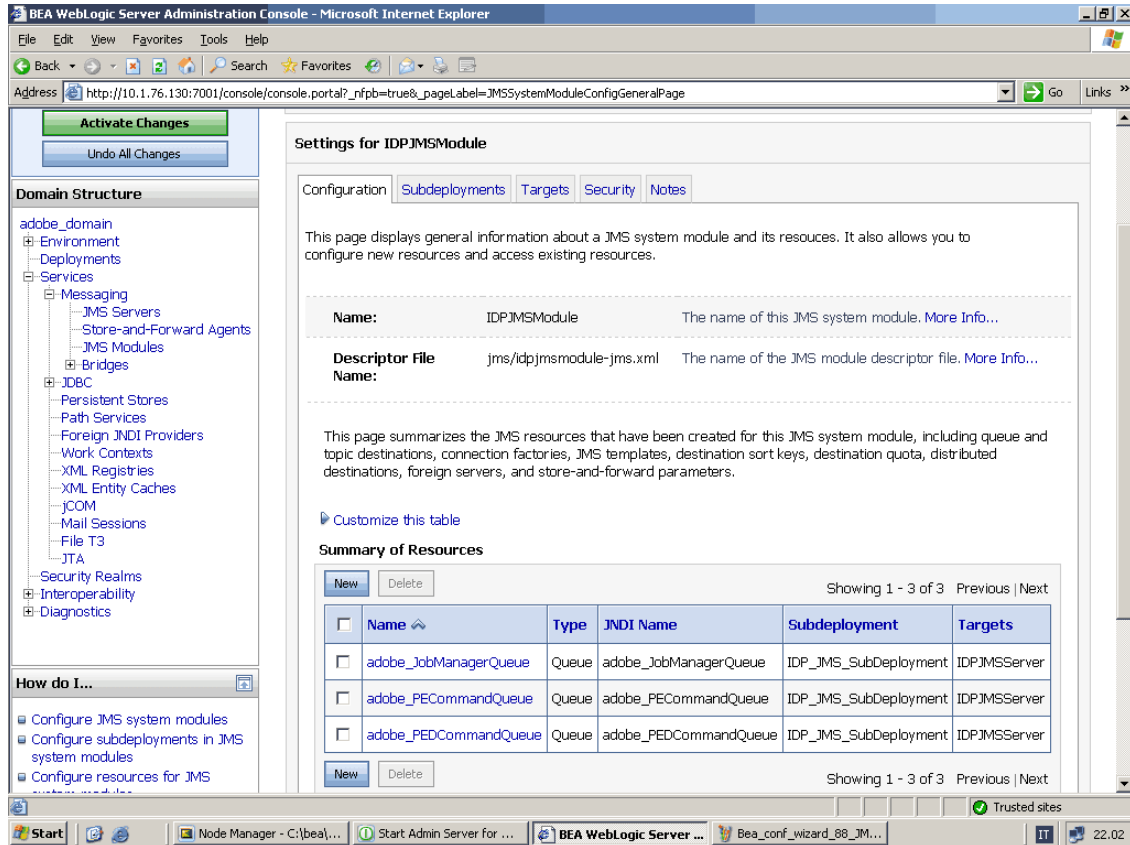
Targets:

Back Next Finish Cancel

Domain Structure

- adobe_domain
 - Environment
 - Deployments
 - Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules
 - Bridges
 - JDBC
 - Persistent Stores
 - Path Services
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOM
 - Mail Sessions
 - File T3
 - JTA
 - Security Realms
 - Interoperability





BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleConfigGeneralPage

Settings for IDPJMSModule

Configuration | Subdeployments | Targets | Security | Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

Name: IDPJMSModule The name of this JMS system module. [More Info...](#)

Descriptor File Name: jms/idpjmsmodule-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

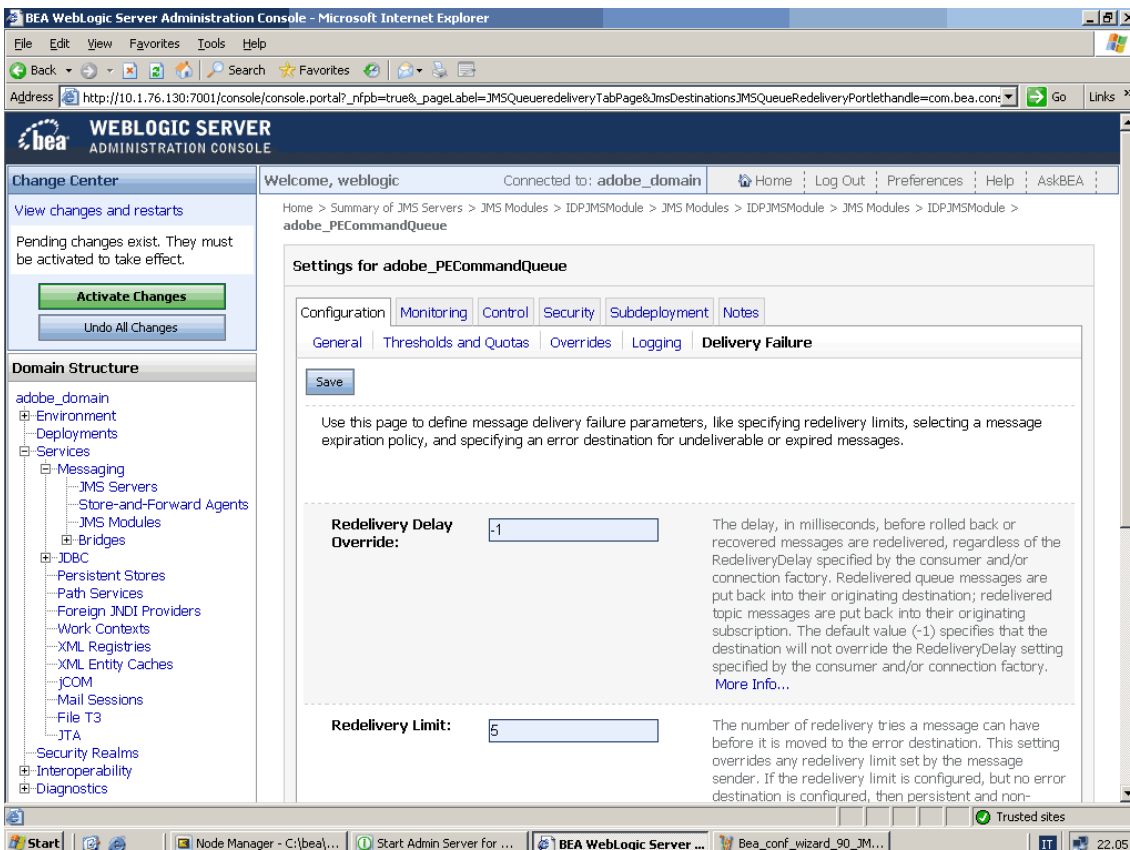
[Customize this table](#)

Summary of Resources

[New](#) [Delete](#) Showing 1 - 3 of 3 Previous Next

<input type="checkbox"/>	Name	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/>	adobe_jobManagerQueue	Queue	adobe_jobManagerQueue	IDPJMS_SubDeployment	IDPJMServer
<input type="checkbox"/>	adobe_PECOMMANDQueue	Queue	adobe_PECOMMANDQueue	IDPJMS_SubDeployment	IDPJMServer
<input type="checkbox"/>	adobe_PEDCOMMANDQueue	Queue	adobe_PEDCOMMANDQueue	IDPJMS_SubDeployment	IDPJMServer

[New](#) [Delete](#) Showing 1 - 3 of 3 Previous Next



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JMSQueueRedeliveryTabPage&JmsDestinations=JMSQueueRedeliveryPortletHandle=com.bea.con

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Change Center: Welcome, weblogic Connected to: adobe_domain [Home](#) [Log Out](#) [Preferences](#) [Help](#) [AskBEA](#)

View changes and restarts

Pending changes exist. They must be activated to take effect.

[Activate Changes](#) [Undo All Changes](#)

Domain Structure

adobe_domain

- Environment
- Deployments
- Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules
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 - Path Services
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOM
 - Mail Sessions
 - File T3
 - JTA
 - Security Realms
 - Interoperability
 - Diagnostics

Settings for adobe_PECOMMANDQueue

Configuration | Monitoring | Control | Security | Subdeployment | Notes

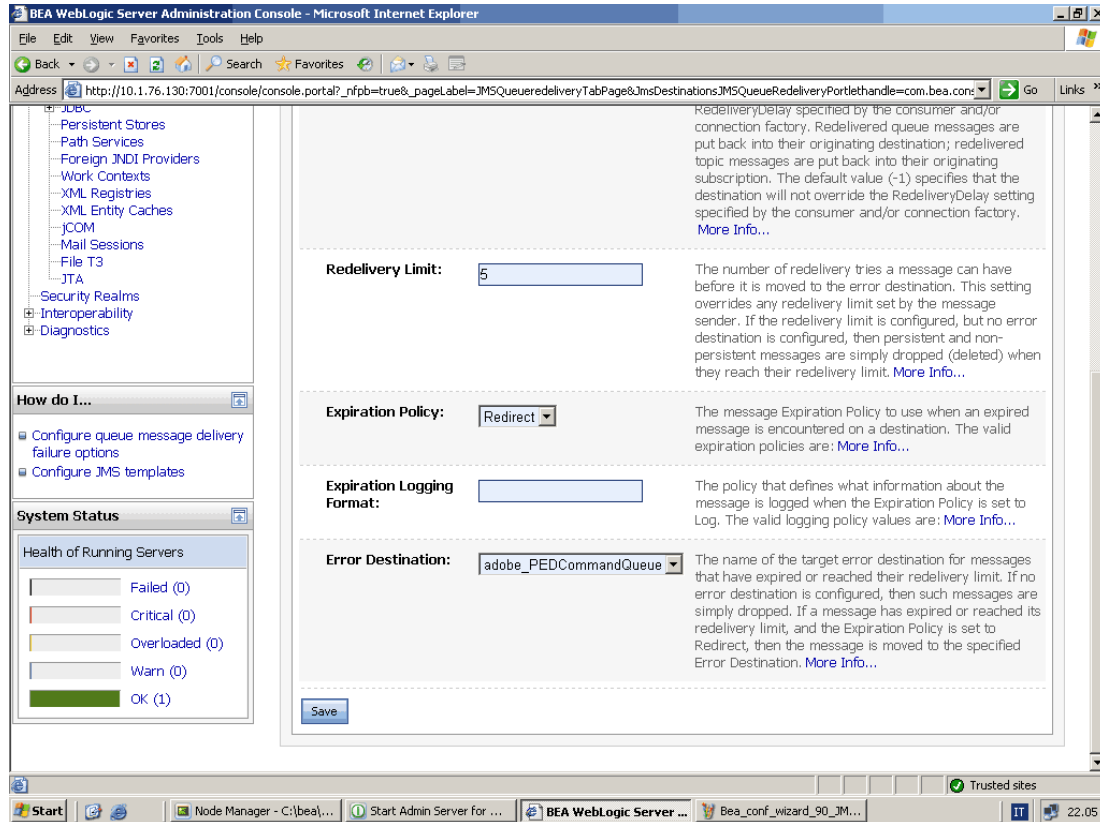
General | Thresholds and Quotas | Overrides | Logging | Delivery Failure

[Save](#)

Use this page to define message delivery failure parameters, like specifying redelivery limits, selecting a message expiration policy, and specifying an error destination for undeliverable or expired messages.

Redelivery Delay Override: The delay, in milliseconds, before rolled back or recovered messages are redelivered, regardless of the RedeliveryDelay specified by the consumer and/or connection factory. Redelivered queue messages are put back into their originating destination; redelivered topic messages are put back into their originating subscription. The default value (-1) specifies that the destination will not override the RedeliveryDelay setting specified by the consumer and/or connection factory. [More Info...](#)

Redelivery Limit: The number of redelivery tries a message can have before it is moved to the error destination. This setting overrides any redelivery limit set by the message sender. If the redelivery limit is configured, but no error destination is configured, then persistent and non-



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JMSQueueRedeliveryTabPage&JmsDestinations.JMSQueueRedeliveryPortletHandle=com.bea.console

Left Panel:

- JDBC
 - Persistent Stores
 - Path Services
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOM
 - Mail Sessions
 - File T3
 - JTA
- Security Realms
- Interoperability
- Diagnostics

How do I...:

- Configure queue message delivery failure options
- Configure JMS templates

System Status:

Health of Running Servers

- Failed (0)
- Critical (0)
- Overloaded (0)
- Warn (0)
- OK (1)

Main Content Area:

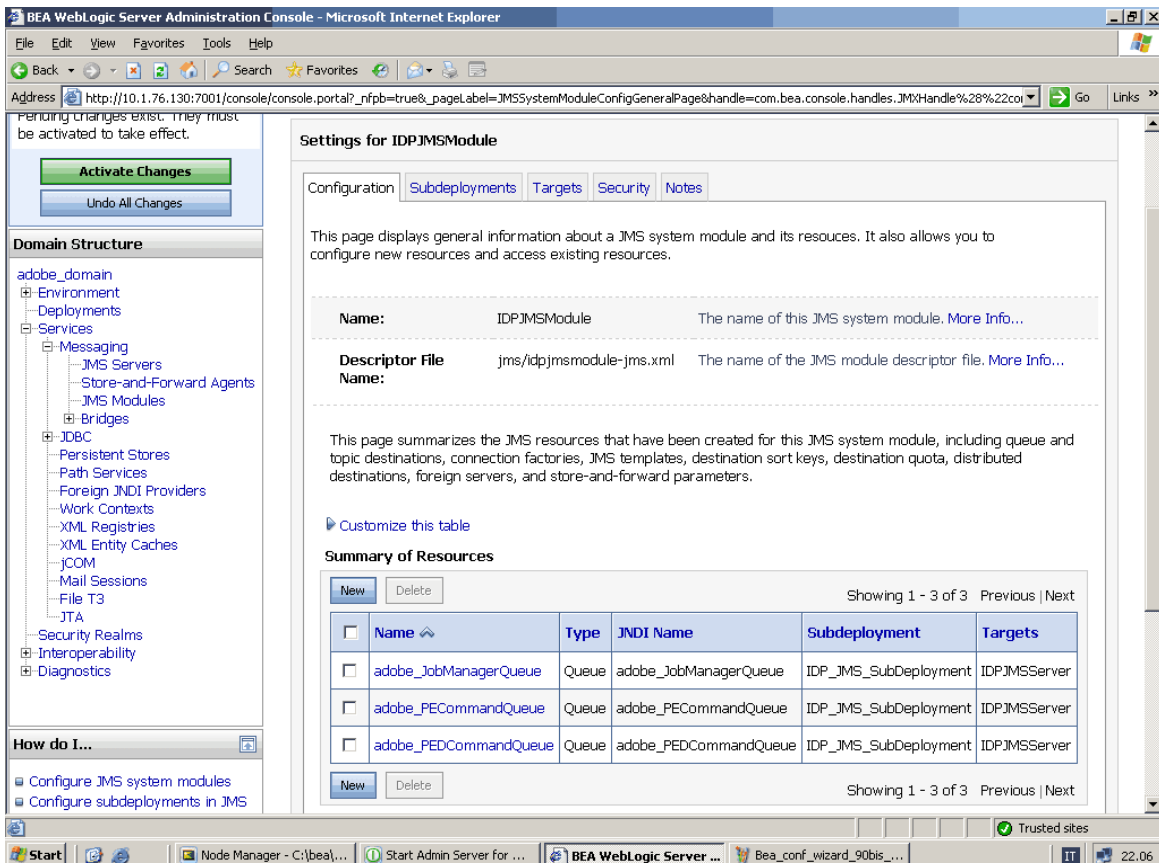
RedeliveryDelay specified by the consumer and/or connection factory. Redelivered queue messages are put back into their originating destination; redelivered topic messages are put back into their originating subscription. The default value (-1) specifies that the destination will not override the RedeliveryDelay setting specified by the consumer and/or connection factory. [More Info...](#)

Redelivery Limit: The number of redelivery tries a message can have before it is moved to the error destination. This setting overrides any redelivery limit set by the message sender. If the redelivery limit is configured, but no error destination is configured, then persistent and non-persistent messages are simply dropped (deleted) when they reach their redelivery limit. [More Info...](#)

Expiration Policy: The message Expiration Policy to use when an expired message is encountered on a destination. The valid expiration policies are: [More Info...](#)

Expiration Logging Format: The policy that defines what information about the message is logged when the Expiration Policy is set to Log. The valid logging policy values are: [More Info...](#)

Error Destination: The name of the target error destination for messages that have expired or reached their redelivery limit. If no error destination is configured, then such messages are simply dropped. If a message has expired or reached its redelivery limit, and the Expiration Policy is set to Redirect, then the message is moved to the specified Error Destination. [More Info...](#)



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleConfigGeneralPage&handle=com.bea.console.handles.JMSHandle%28%22cor

Left Panel:

- adobe_domain
 - Environment
 - Deployments
 - Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules
 - Bridges
 - JDBC
 - Persistent Stores
 - Path Services
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOM
 - Mail Sessions
 - File T3
 - JTA
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...:

- Configure JMS system modules
- Configure subdeployments in JMS

Main Content Area:

Settings for IDPJMSModule

Configuration | Subdeployments | Targets | Security | Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

Name: IDPJMSModule The name of this JMS system module. [More Info...](#)

Descriptor File Name: jms/idpjmsmodule-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

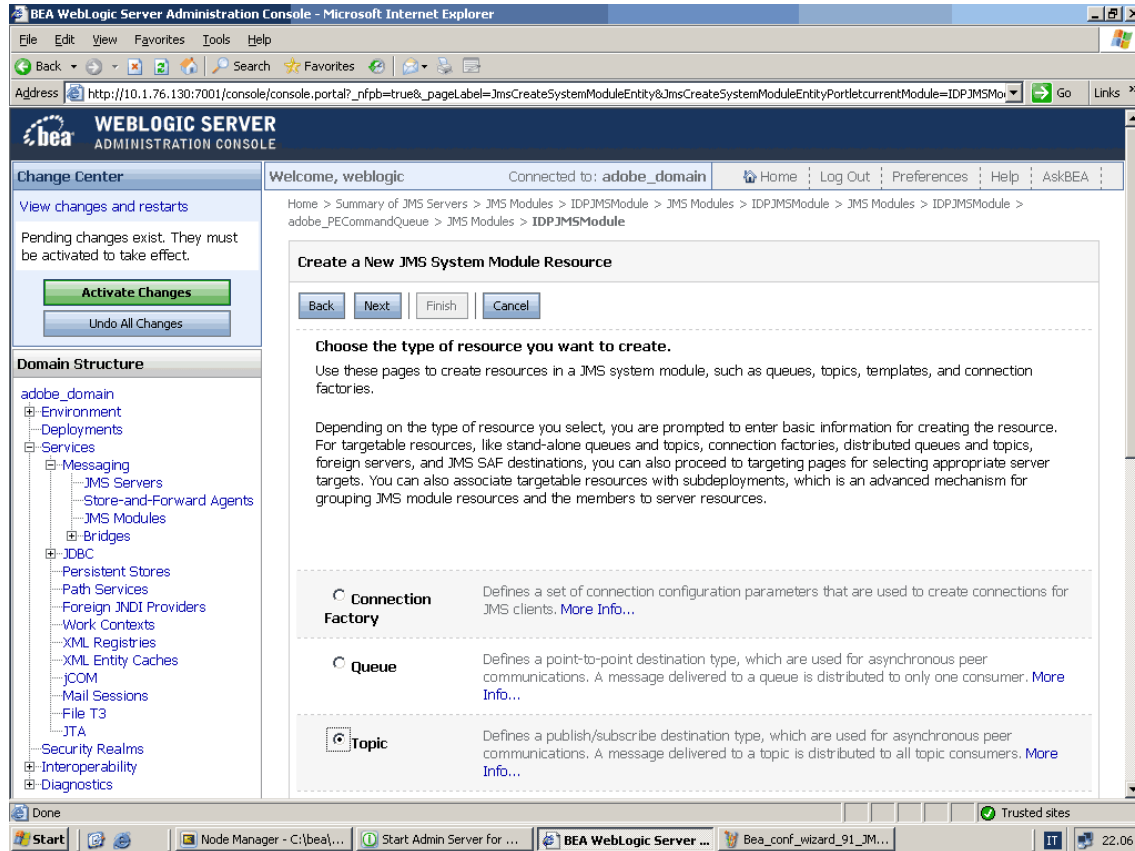
[Customize this table](#)

Summary of Resources

Showing 1 - 3 of 3 Previous | Next

<input type="checkbox"/>	Name	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/>	adobe_JobManagerQueue	Queue	adobe_JobManagerQueue	IDP_JMS_SubDeployment	IDPJMSServer
<input type="checkbox"/>	adobe_PECCommandQueue	Queue	adobe_PECCommandQueue	IDP_JMS_SubDeployment	IDPJMSServer
<input type="checkbox"/>	adobe_PEDCommandQueue	Queue	adobe_PEDCommandQueue	IDP_JMS_SubDeployment	IDPJMSServer

Showing 1 - 3 of 3 Previous | Next



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity&JmsCreateSystemModuleEntityPortletcurrentModule=IDPJMSModule

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > adobe_PECOMMANDQueue > JMS Modules > IDPJMSModule

Create a New JMS System Module Resource

Back Next Finish Cancel

Choose the type of resource you want to create.

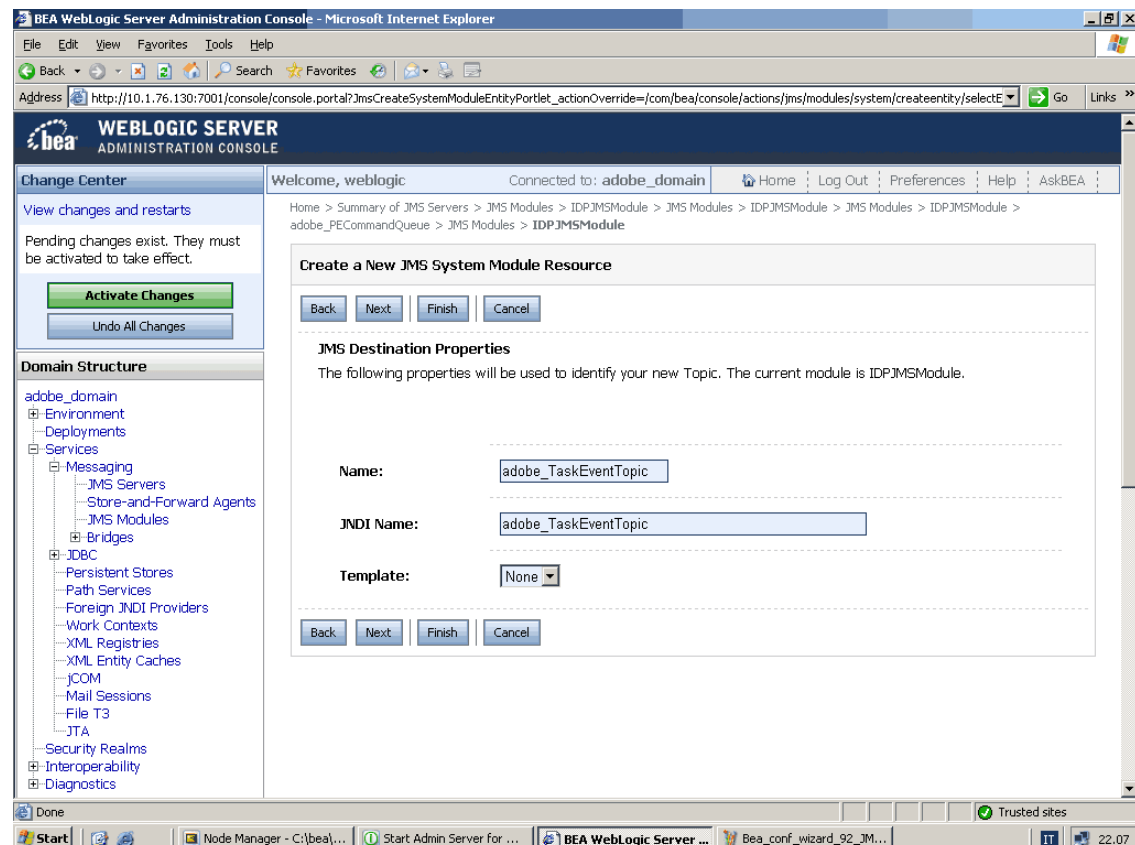
Use these pages to create resources in a JMS system module, such as queues, topics, templates, and connection factories.

Depending on the type of resource you select, you are prompted to enter basic information for creating the resource. For targetable resources, like stand-alone queues and topics, connection factories, distributed queues and topics, foreign servers, and JMS SAF destinations, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate targetable resources with subdeployments, which is an advanced mechanism for grouping JMS module resources and the members to server resources.

- ☐ **Connection Factory** Defines a set of connection configuration parameters that are used to create connections for JMS clients. [More Info...](#)
- ☐ **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 Info...](#)
- ☒ **Topic** Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. [More Info...](#)

Done

Start Node Manager - C:\bea\... Start Admin Server for ... BEA WebLogic Server ... Bea_conf_wizard_91_JM...



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?JmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/modules/system/createentity/selectE

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > adobe_PECOMMANDQueue > JMS Modules > IDPJMSModule

Create a New JMS System Module Resource

Back Next Finish Cancel

JMS Destination Properties

The following properties will be used to identify your new topic. The current module is IDPJMSModule.

Name: adobe_TaskEventTopic

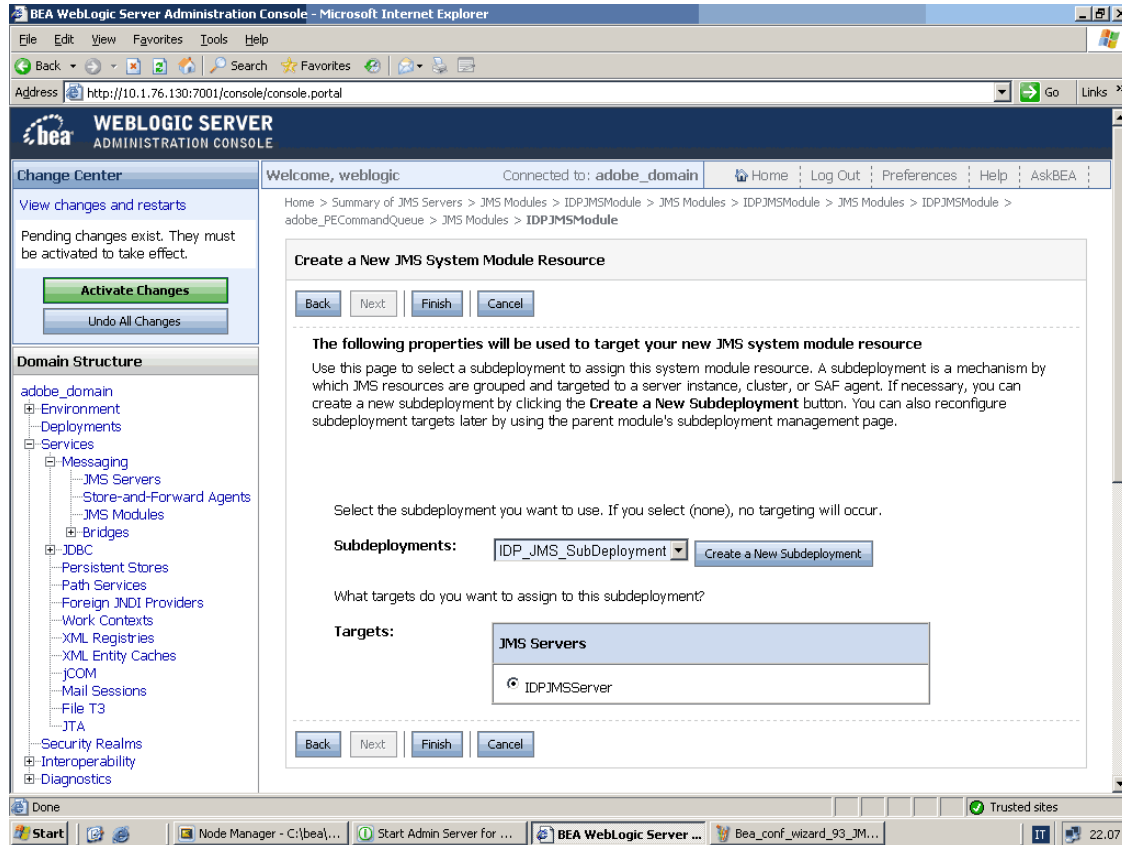
JNDI Name: adobe_TaskEventTopic

Template: None

Back Next Finish Cancel

Done

Start Node Manager - C:\bea\... Start Admin Server for ... BEA WebLogic Server ... Bea_conf_wizard_92_JM...



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > adobe_PECOMMANDQueue > JMS Modules > IDPJMSModule

Create a New JMS System Module Resource

Back Next Finish Cancel

The following properties will be used to target your new JMS system module resource

Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server instance, cluster, or SAF agent. If necessary, you can create a new subdeployment by clicking the **Create a New Subdeployment** button. You can also reconfigure subdeployment targets later by using the parent module's subdeployment management page.

Select the subdeployment you want to use. If you select (none), no targeting will occur.

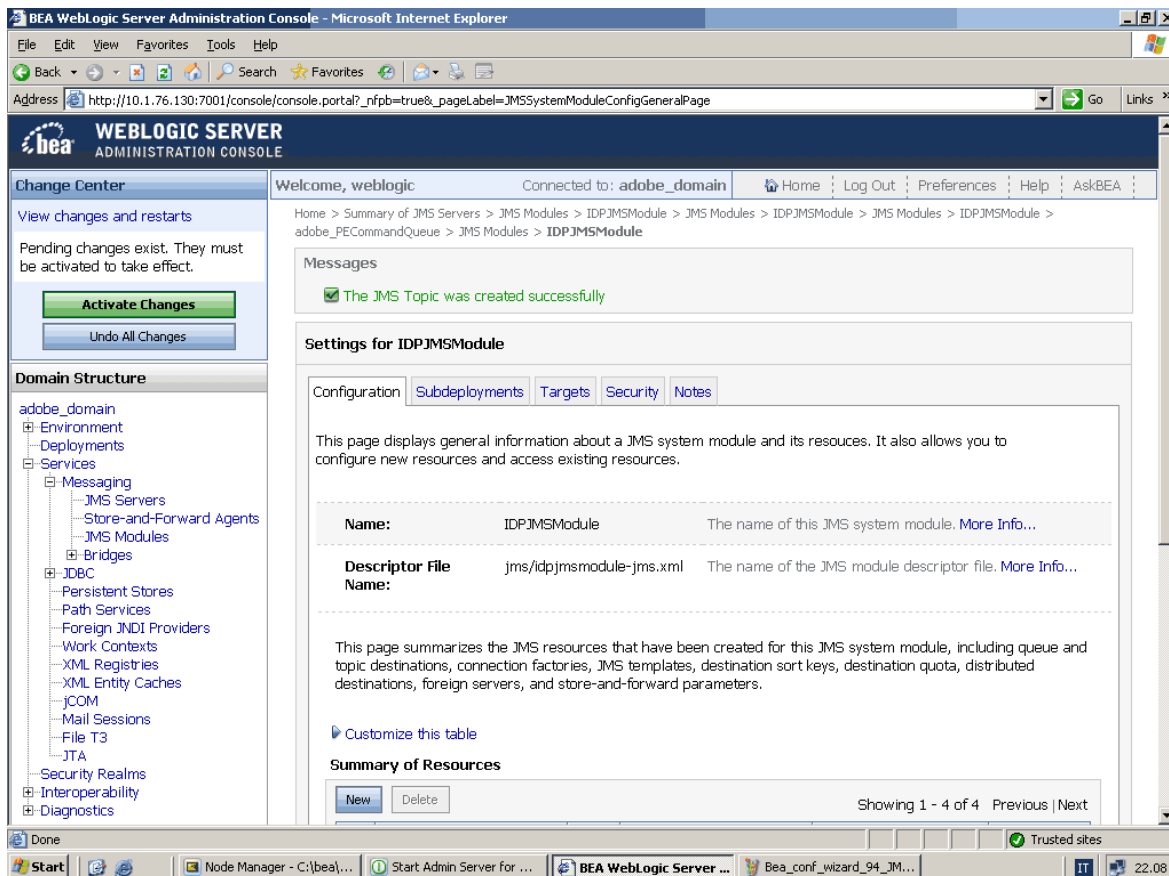
Subdeployments: IDPJMS_SubDeployment Create a New Subdeployment

What targets do you want to assign to this subdeployment?

Targets:

JMS Servers
<input checked="" type="radio"/> IDPJMServer

Back Next Finish Cancel



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JMSsystemModuleConfigGeneralPage

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > adobe_PECOMMANDQueue > JMS Modules > IDPJMSModule

Settings for IDPJMSModule

Configuration Subdeployments Targets Security Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

Name: IDPJMSModule The name of this JMS system module. [More Info...](#)

Descriptor File Name: jms/idpjmsmodule-jms.xml The name of the JMS module descriptor file. [More Info...](#)

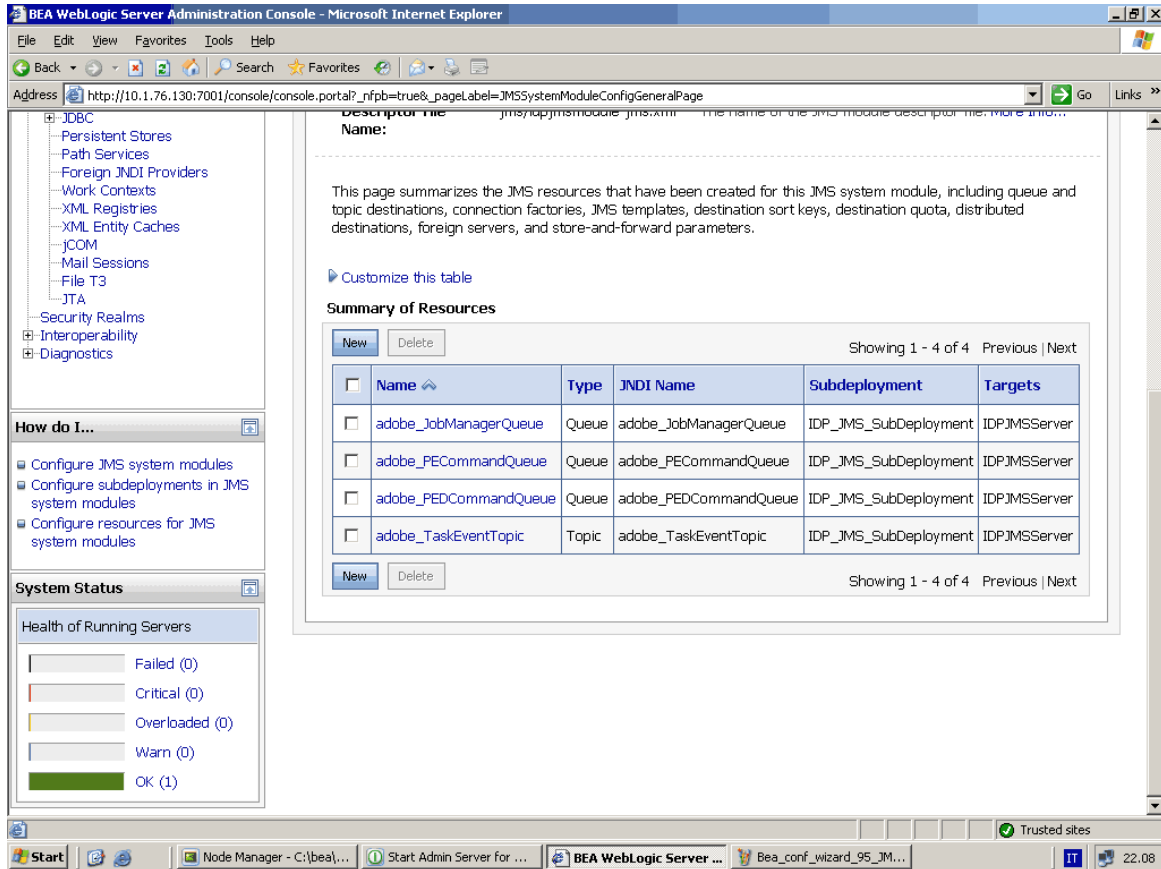
This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

[Customize this table](#)

Summary of Resources

New Delete

Showing 1 - 4 of 4 Previous Next



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

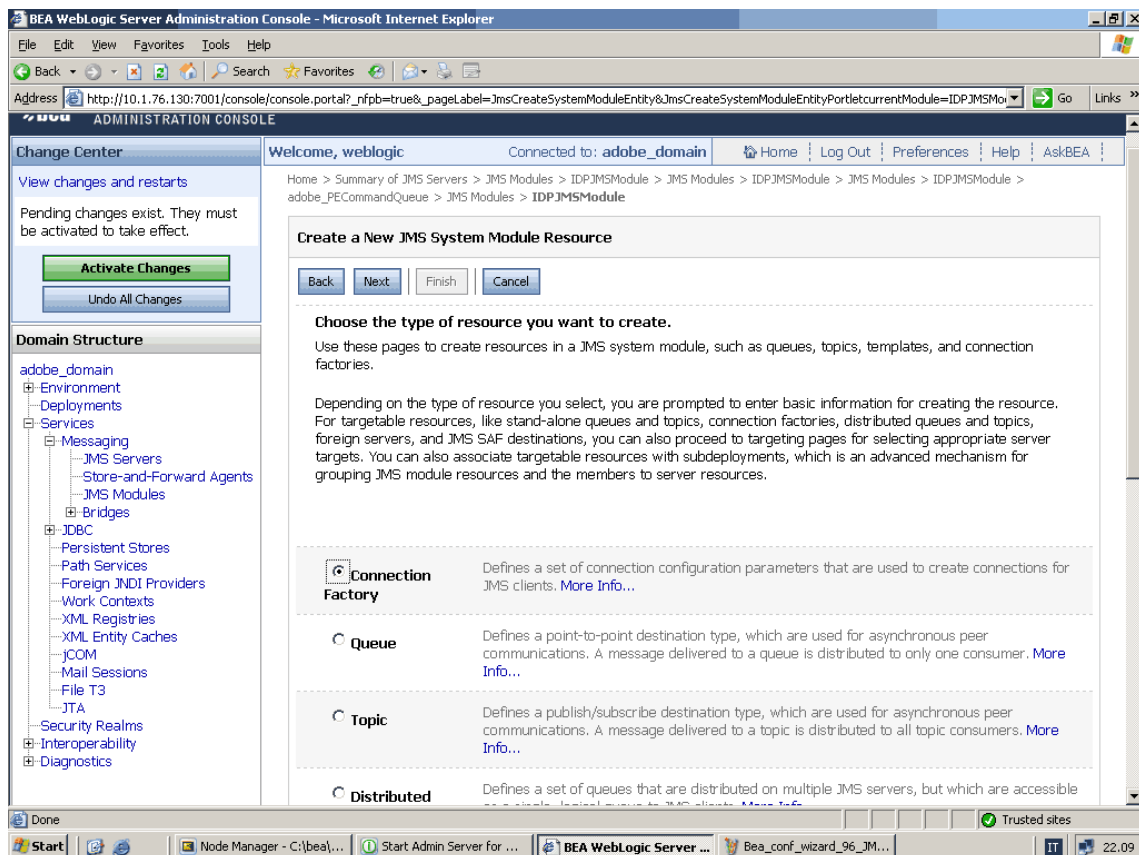
Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JMSsystemModuleConfigGeneralPage

Summary of Resources

Showing 1 - 4 of 4 Previous | Next

<input type="checkbox"/>	Name	Type	JNDI Name	Subdeployment	Targets
<input type="checkbox"/>	adobe_JobManagerQueue	Queue	adobe_JobManagerQueue	IDP_JMS_SubDeployment	IDPJMServer
<input type="checkbox"/>	adobe_PECCommandQueue	Queue	adobe_PECCommandQueue	IDP_JMS_SubDeployment	IDPJMServer
<input type="checkbox"/>	adobe_PEDCommandQueue	Queue	adobe_PEDCommandQueue	IDP_JMS_SubDeployment	IDPJMServer
<input type="checkbox"/>	adobe_TaskEventTopic	Topic	adobe_TaskEventTopic	IDP_JMS_SubDeployment	IDPJMServer

Showing 1 - 4 of 4 Previous | Next



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JmsCreateSystemModuleEntity&JmsCreateSystemModuleEntityPortletcurrentModule=IDPJMSModule

ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > adobe_PECCommandQueue > JMS Modules > IDPJMSModule

Create a New JMS System Module Resource

Back Next Finish Cancel

Choose the type of resource you want to create.

Use these pages to create resources in a JMS system module, such as queues, topics, templates, and connection factories.

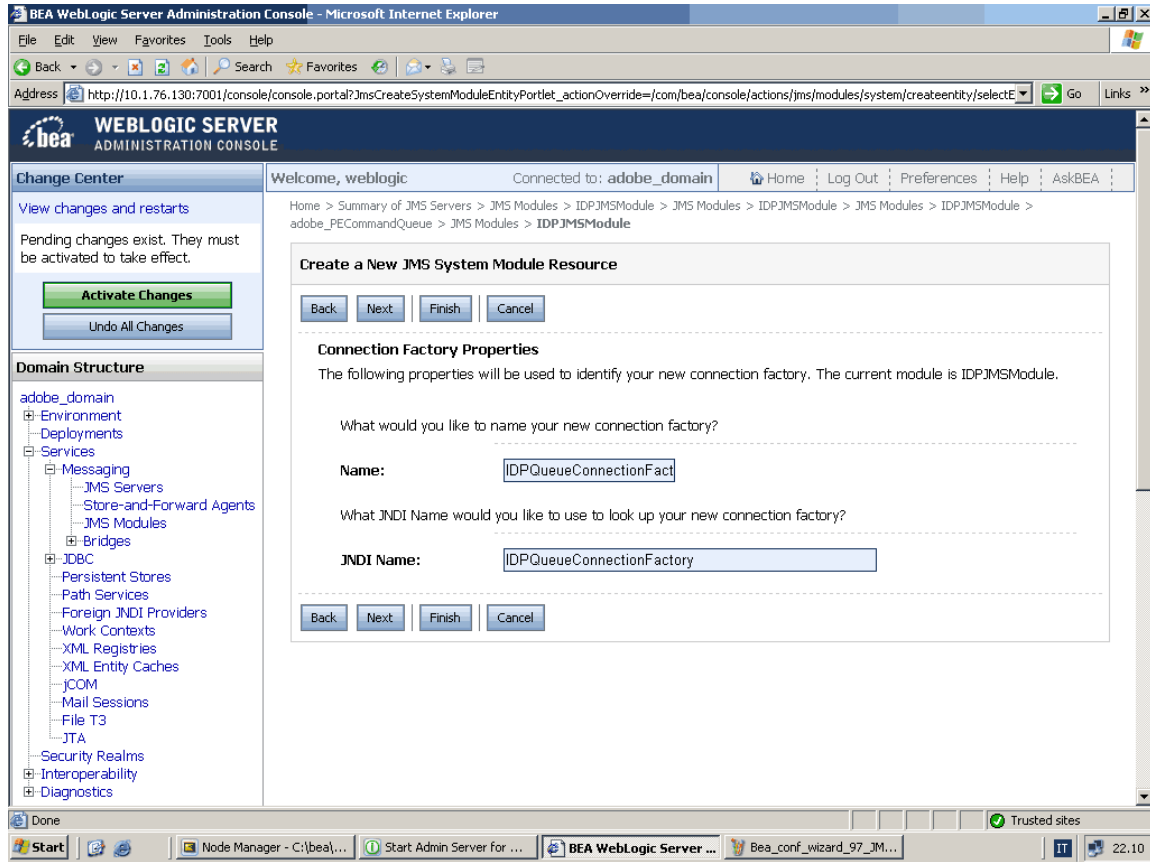
Depending on the type of resource you select, you are prompted to enter basic information for creating the resource. For targetable resources, like stand-alone queues and topics, connection factories, distributed queues and topics, foreign servers, and JMS SAF destinations, you can also proceed to targeting pages for selecting appropriate server targets. You can also associate targetable resources with subdeployments, which is an advanced mechanism for grouping JMS module resources and the members to server resources.

☒ **Connection Factory** Defines a set of connection configuration parameters that are used to create connections for JMS clients. [More Info...](#)

☐ **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 Info...](#)

☐ **Topic** Defines a publish/subscribe destination type, which are used for asynchronous peer communications. A message delivered to a topic is distributed to all topic consumers. [More Info...](#)

☐ **Distributed** Defines a set of queues that are distributed on multiple JMS servers, but which are accessible as a single logical queue to JMS clients. [More Info...](#)



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?JmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/modules/system/createentity/selectE

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain

Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > adobe_PECCommandQueue > JMS Modules > IDPJMSModule

Create a New JMS System Module Resource

Back Next Finish Cancel

Connection Factory Properties

The following properties will be used to identify your new connection factory. The current module is IDPJMSModule.

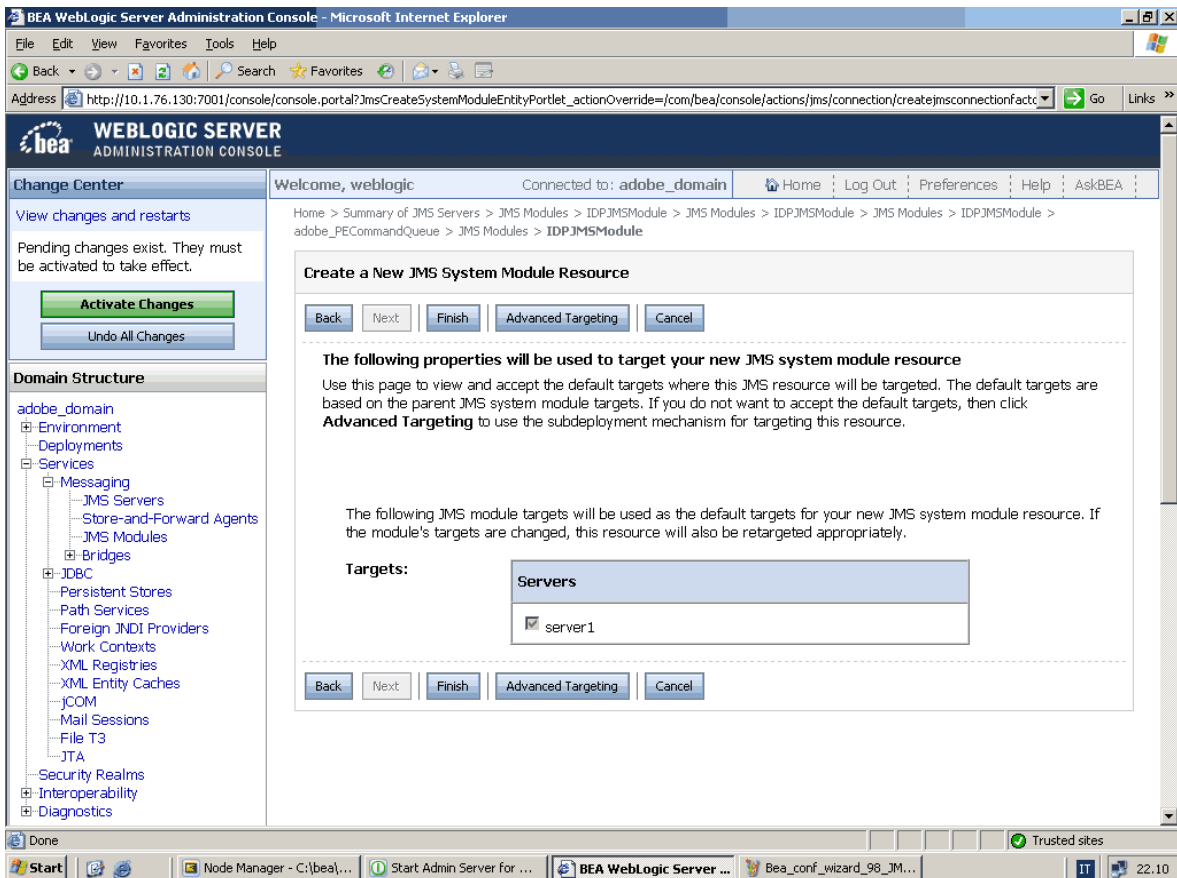
What would you like to name your new connection factory?

Name: IDPQueueConnectionFactory

What JNDI Name would you like to use to look up your new connection factory?

JNDI Name: IDPQueueConnectionFactory

Back Next Finish Cancel



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?JmsCreateSystemModuleEntityPortlet_actionOverride=/com/bea/console/actions/jms/connection/createjmsconnectionfact

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain

Home Log Out Preferences Help AskBEA

Home > Summary of JMS Servers > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > adobe_PECCommandQueue > JMS Modules > IDPJMSModule

Create a New JMS System Module Resource

Back Next Finish Advanced Targeting Cancel

The following properties will be used to target your new JMS system module resource

Use this page to view and accept the default targets where this JMS resource will be targeted. The default targets are based on the parent JMS system module targets. If you do not want to accept the default targets, then click **Advanced Targeting** to use the subdeployment mechanism for targeting this resource.

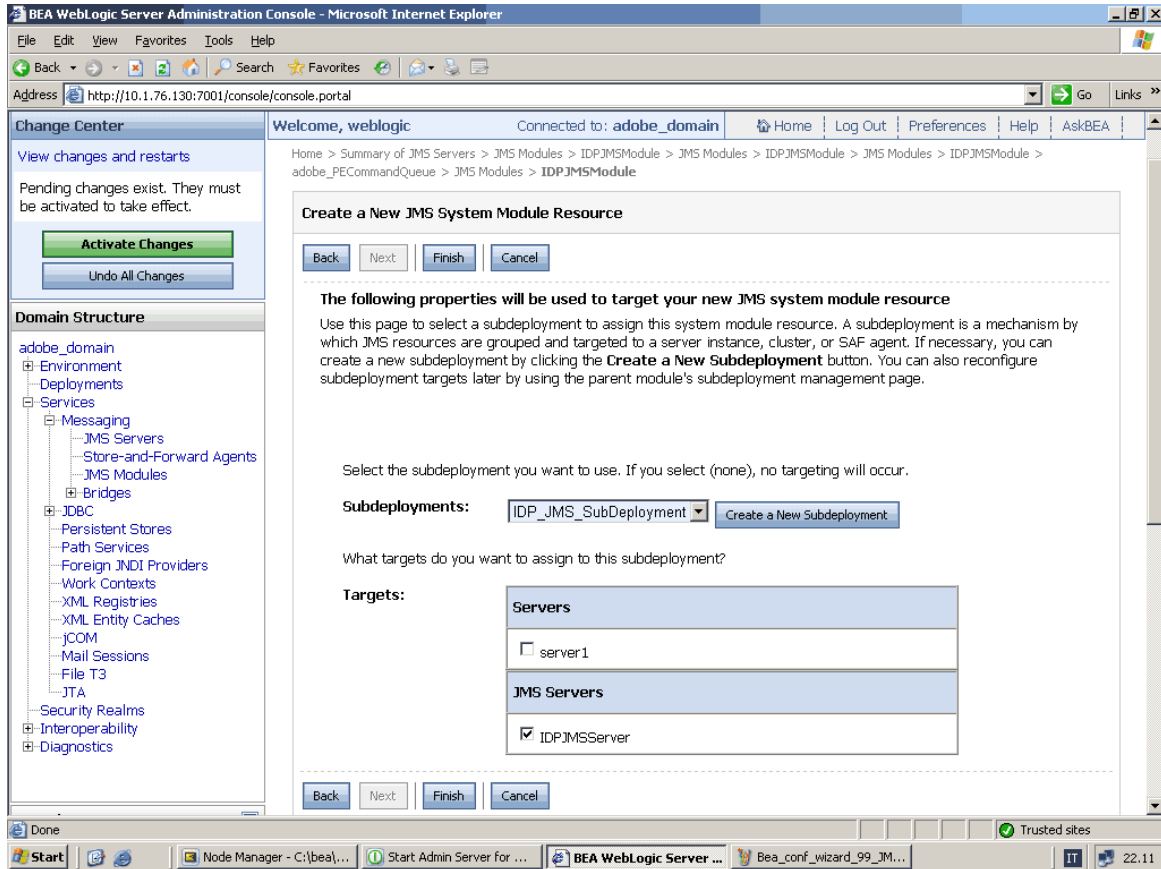
The following JMS module targets will be used as the default targets for your new JMS system module resource. If the module's targets are changed, this resource will also be retargeted appropriately.

Targets:

Servers

☒ server1

Back Next Finish Advanced Targeting Cancel



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: <http://10.1.76.130:7001/console/console.portal>

Connected to: **adobe_domain** | Home | Log Out | Preferences | Help | AskBEA

Change Center
View changes and restarts
Pending changes exist. They must be activated to take effect.
Activate Changes
Undo All Changes

Domain Structure
adobe_domain
├── Environment
│ ├── Deployments
│ └── Services
│ ├── Messaging
│ │ ├── JMS Servers
│ │ ├── Store-and-Forward Agents
│ │ └── JMS Modules
│ ├── Bridges
│ ├── JDBC
│ │ ├── Persistent Stores
│ │ ├── Path Services
│ │ ├── Foreign JNDI Providers
│ │ ├── Work Contexts
│ │ ├── XML Registries
│ │ ├── XML Entity Caches
│ │ ├── JCOM
│ │ ├── Mail Sessions
│ │ ├── File T3
│ │ └── JTA
│ ├── Security Realms
│ ├── Interoperability
│ └── Diagnostics

Create a New JMS System Module Resource
Back Next Finish Cancel

The following properties will be used to target your new JMS system module resource
Use this page to select a subdeployment to assign this system module resource. A subdeployment is a mechanism by which JMS resources are grouped and targeted to a server instance, cluster, or SAF agent. If necessary, you can create a new subdeployment by clicking the **Create a New Subdeployment** button. You can also reconfigure subdeployment targets later by using the parent module's subdeployment management page.

Select the subdeployment you want to use. If you select (none), no targeting will occur.

Subdeployments: IDP_JMS_SubDeployment Create a New Subdeployment

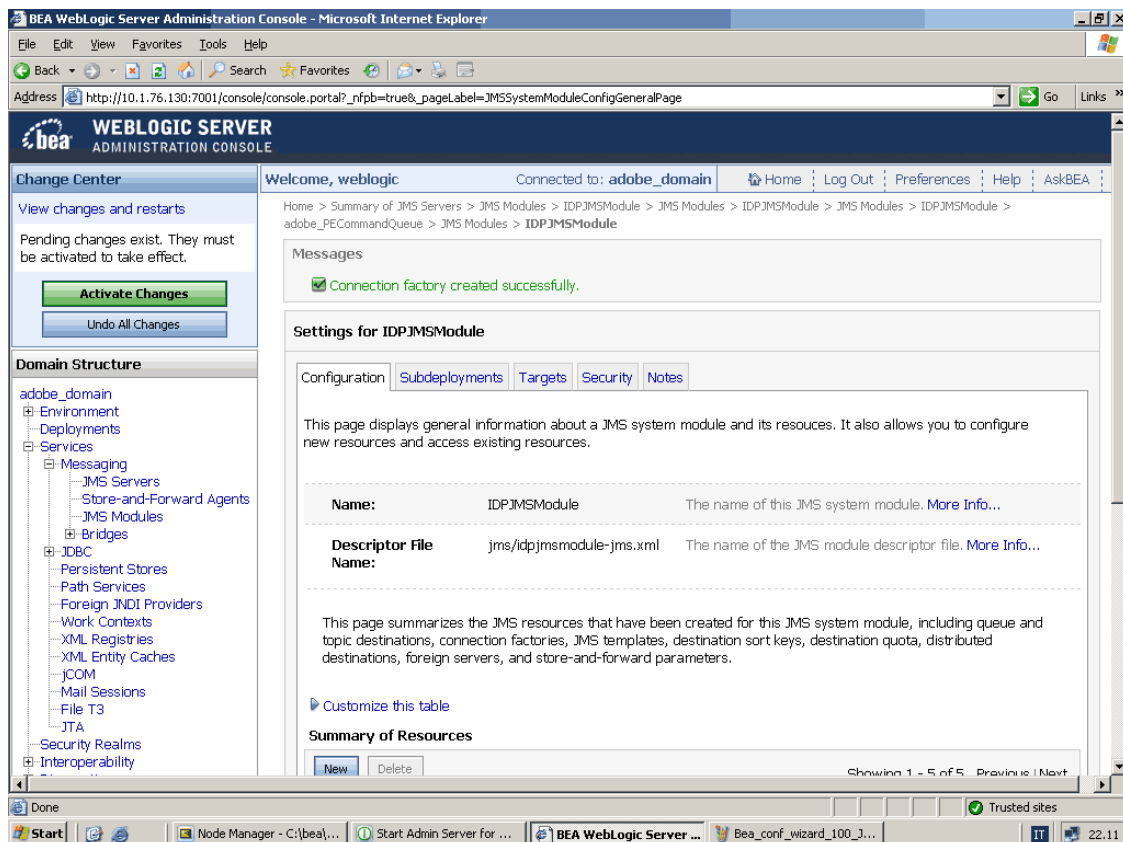
What targets do you want to assign to this subdeployment?

Targets:

Servers	
<input type="checkbox"/>	server1

JMS Servers	
<input checked="" type="checkbox"/>	IDPJMServer

Back Next Finish Cancel



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JMSsystemModuleConfigGeneralPage

Connected to: **adobe_domain** | Home | Log Out | Preferences | Help | AskBEA

Change Center
View changes and restarts
Pending changes exist. They must be activated to take effect.
Activate Changes
Undo All Changes

Domain Structure
adobe_domain
├── Environment
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│ │ ├── XML Entity Caches
│ │ ├── JCOM
│ │ ├── Mail Sessions
│ │ ├── File T3
│ │ └── JTA
│ ├── Security Realms
│ ├── Interoperability
│ └── Diagnostics

Settings for IDPJMSModule
Configuration Subdeployments Targets Security Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

Name:	IDPJMSModule	The name of this JMS system module. More Info...
Descriptor File Name:	jms/idpjmsmodule-jms.xml	The name of the JMS module descriptor file. More Info...

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

[Customize this table](#)

Summary of Resources
New Delete

Showing 1 - 5 of 5 Previous Next

BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JMSSystemModuleConfigGeneralPage

Descriptor File Name: jms/idpjmsmodule-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destination connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store forward parameters.

[Customize this table](#)

Summary of Resources

New Delete Showing 1 - 7 of 7 Prev

<input type="checkbox"/>	Name	Type	JNDI Name	Subdeployment	Target
<input type="checkbox"/>	adobe_JobManagerQueue	Queue	adobe_JobManagerQueue	IDP_JMS_SubDeployment	IDP:
<input type="checkbox"/>	adobe_PECOMMANDQueue	Queue	adobe_PECOMMANDQueue	IDP_JMS_SubDeployment	IDP:
<input type="checkbox"/>	adobe_PEDCommandQueue	Queue	adobe_PEDCommandQueue	IDP_JMS_SubDeployment	IDP:
<input type="checkbox"/>	adobe_TaskEventTopic	Topic	adobe_TaskEventTopic	IDP_JMS_SubDeployment	IDP:
<input type="checkbox"/>	IDPQueueConnectionFactory	Connection Factory	IDPQueueConnectionFactory	IDP_JMS_SubDeployment	IDP:
<input type="checkbox"/>	IDPTopicConnectionFactory	Connection Factory	IDPTopicConnectionFactory	IDP_JMS_SubDeployment	IDP:
<input type="checkbox"/>	JobManagerQueueConnectionFactory	Connection Factory	JobManagerQueueConnectionFactory	IDP_JMS_SubDeployment	IDP:

New Delete Showing 1 - 7 of 7 Prev

How do I...
 Configure JMS system modules
 Configure subdeployments in JMS system modules
 Configure resources for JMS system modules

System Status

Health of Running Servers

Failed (0)
 Critical (0)
 Overloaded (0)
 Warn (0)

Start Node Manager - C:\bea\... Start Admin Server for ... BEA WebLogic Server ... Bea_conf_wizard_101_J...

BEA WebLogic Server Administration Console - Microsoft Internet Explorer

Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=JMSConnectionFactorytransactionParamsTabPage&JmsConnectionJMSConnectionFactoryConfig

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > adobe_PECOMMANDQueue > JMS Modules > IDPJMSModule > JMS Modules > IDPJMSModule > IDPQueueConnectionFactory

Settings for IDPQueueConnectionFactory

Configuration Subdeployment Notes

General Default Delivery Client **Transactions** Flow Control Load Balance Security

Save

Use this page to define the transaction configuration for this JMS connection factory. You can define a transaction time-out value, and also indicate whether an XA queue or XA topic connection factory is returned, which create sessions that are JTA user-transaction aware.

Transaction Timeout: 3600 The timeout value (in seconds) for all transactions on connections created with this connection factory. [More Info...](#)

☒ **XA Connection Factory Enabled** Indicates whether a XA queue or XA topic connection factory is returned, instead of a queue or topic connection factory. An XA connection factory can be used to create an XAConnection, which in turn may be used to create an XASession, which in turn may be used to obtain an XAResource for use inside a transaction manager. [More Info...](#)

Save

Domain Structure

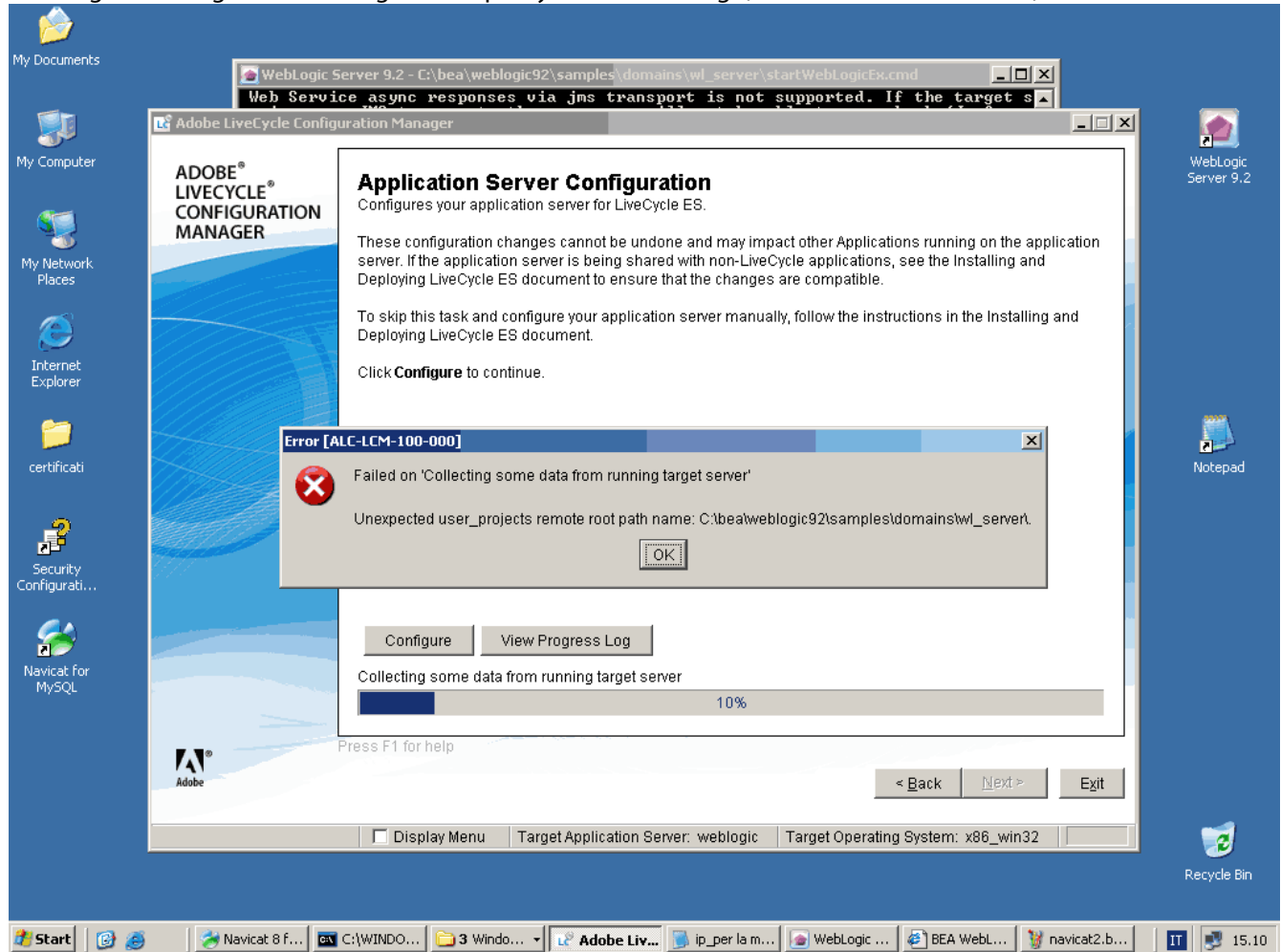
adobe_domain
 Environment
 Deployments
 Services
 Messaging
 JMS Servers
 Store-and-Forward Agents
 JMS Modules
 Bridges
 JDBC
 Persistent Stores
 Path Services
 Foreign JNDI Providers
 Work Contexts
 XML Registries
 XML Entity Caches
 jCOM
 Mail Sessions
 File T3
 JTA
 Security Realms
 Interoperability
 Diagnostics

Done

Start Node Manager - C:\bea\... Start Admin Server for ... BEA WebLogic Server ... Bea_conf_wizard_102_J...

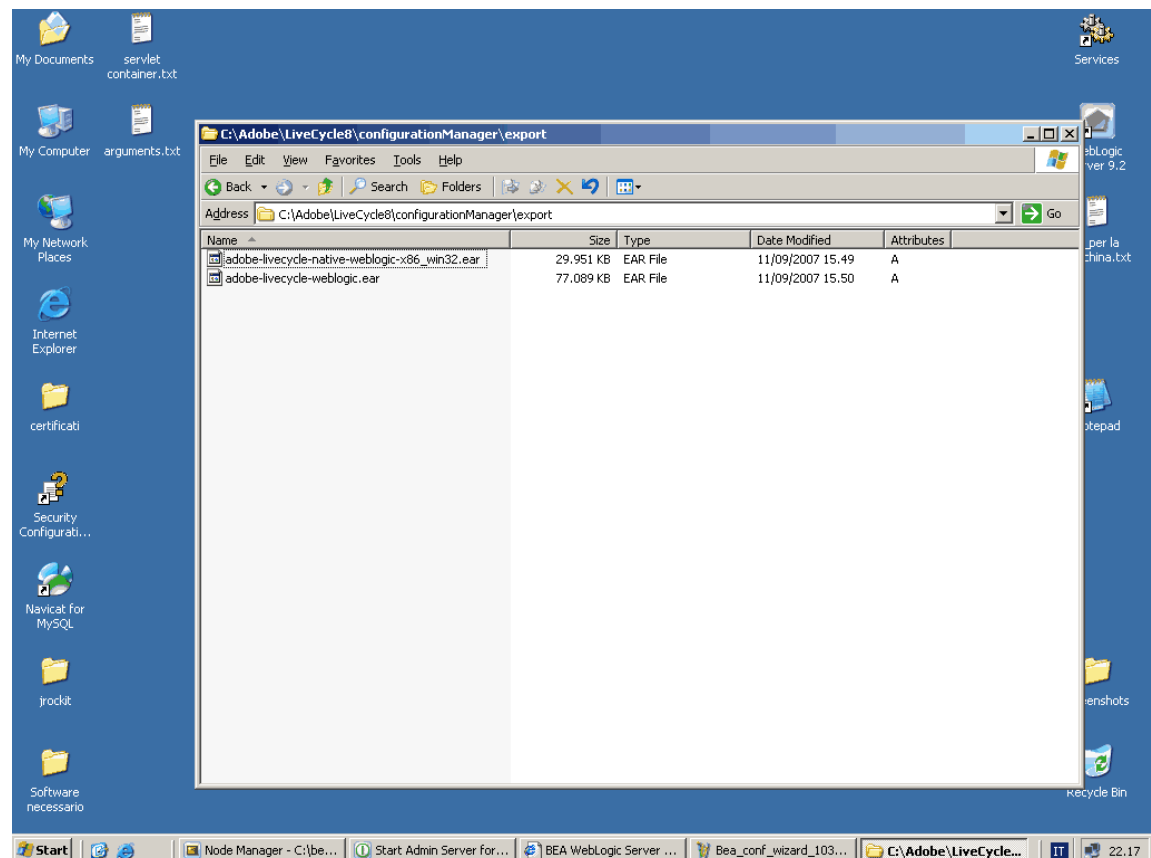
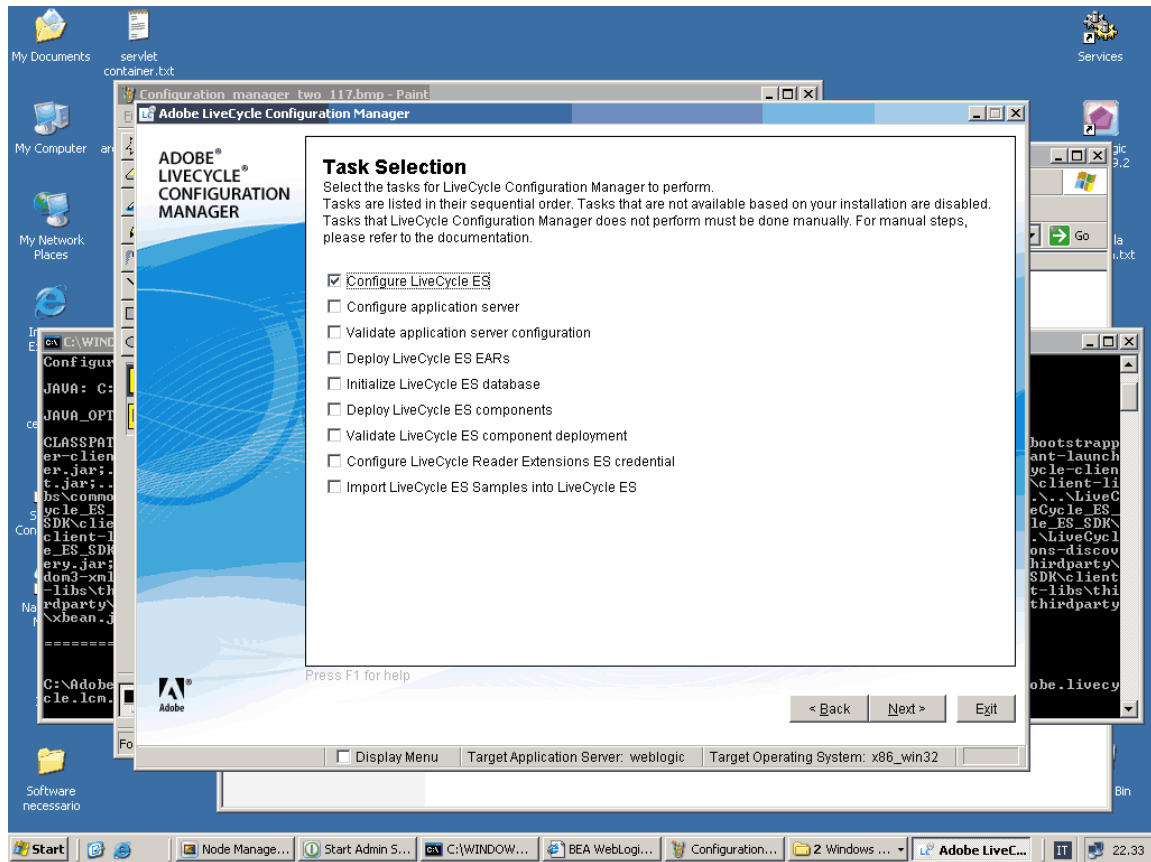
Running the Configuration Manager and Manually deploy

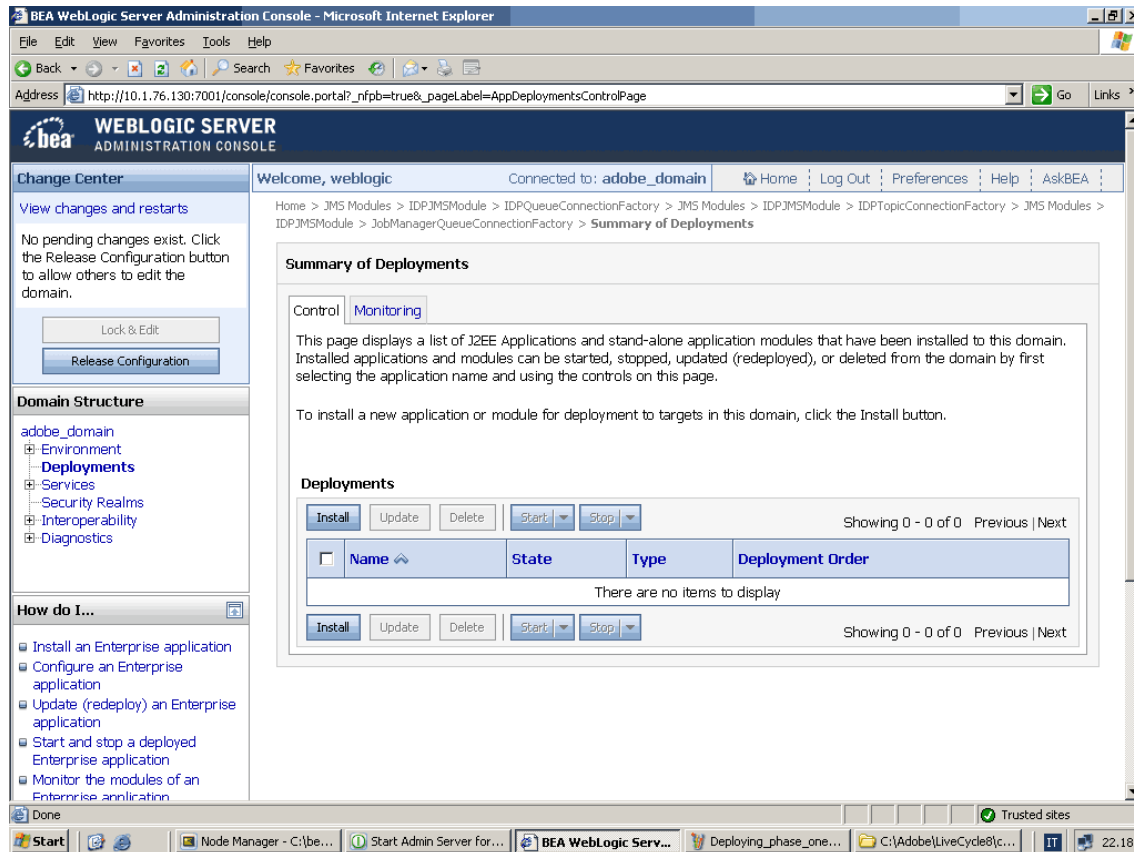
Running the Configuration Manager will report you a known bug: (see the screenshot below)



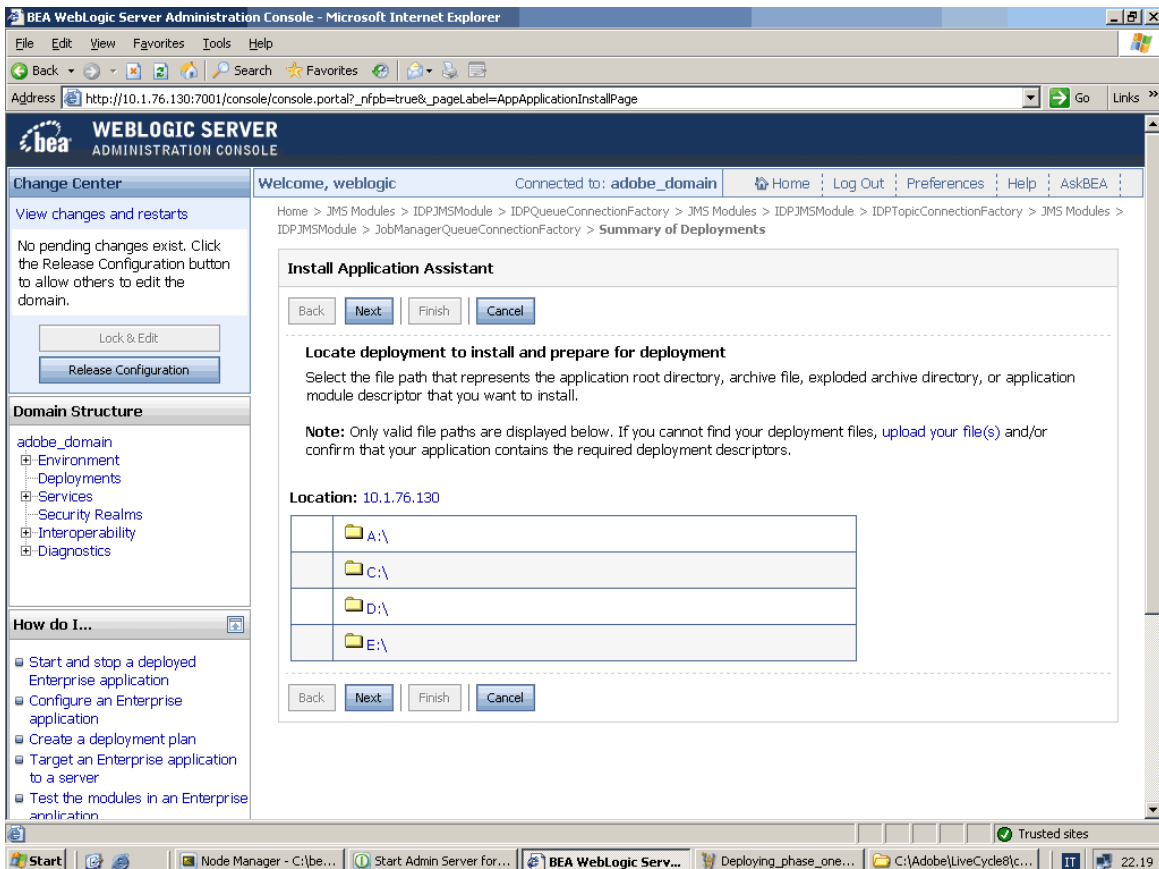
To overcome this you need to go through the install in 3 parts.

1. Create the EAR files using the LCM (Run the Conf Man just with the first option checked).
2. You will need to go through the manual configuration of WebLogic (as per the installation manual) including copying the JDBC driver, creating the JMS queues, etc.
Manually deploy the 2 LiveCycle EAR.
3. Once you have configured WebLogic then run the LCM GUI again only this time do the Bootstrap, Deploy the component files and Samples (if required).

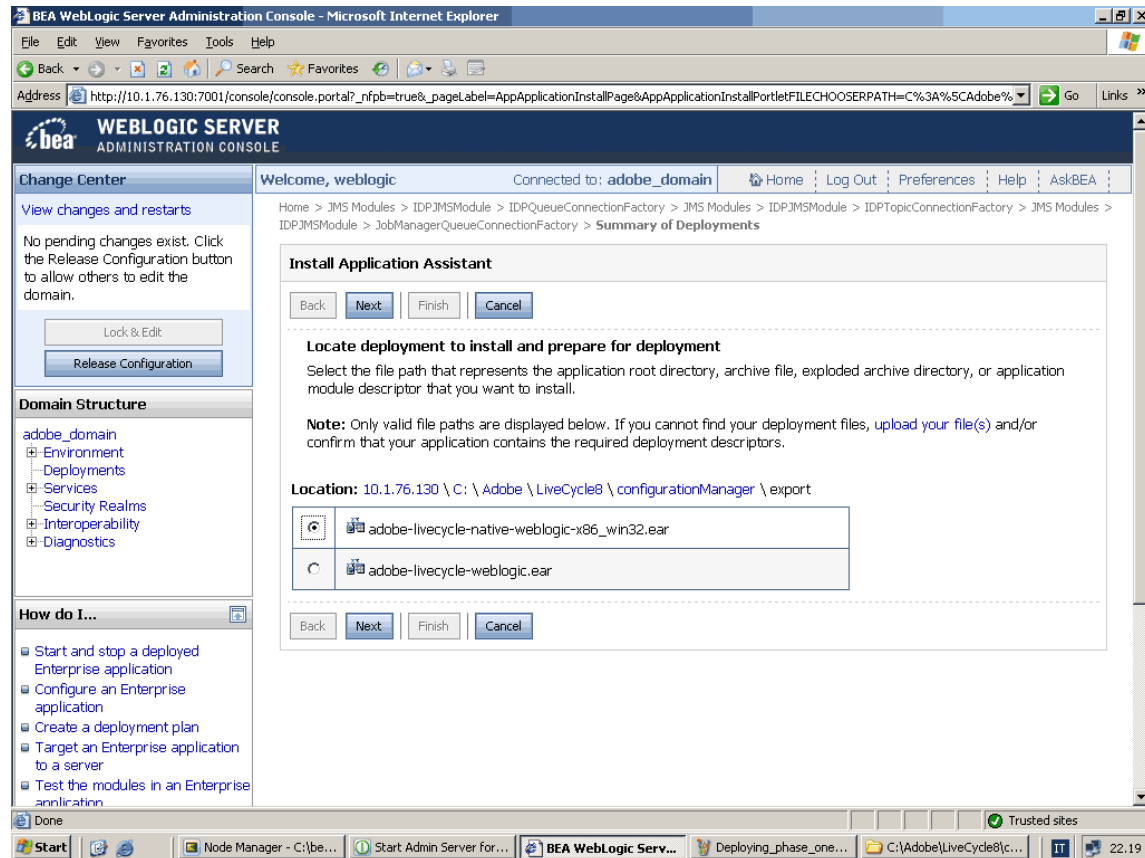




The screenshot shows the BEA WebLogic Server Administration Console in Microsoft Internet Explorer. The browser address bar shows the URL: `http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=AppDeploymentsControlPage`. The console interface includes a left sidebar with navigation links like "Change Center", "Domain Structure", and "How do I...". The main content area displays the "Summary of Deployments" page, which includes a "Control" tab, a description of the page's function, and a table for listing deployments. The table is currently empty, showing "Showing 0 - 0 of 0" items.



The screenshot shows the BEA WebLogic Server Administration Console in Microsoft Internet Explorer. The browser address bar shows the URL: `http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=AppApplicationInstallPage`. The console interface is similar to the previous screenshot, but the main content area displays the "Install Application Assistant" page. This page includes a "Locate deployment to install and prepare for deployment" section, a note about valid file paths, and a list of locations (A:\, C:\, D:\, E\). The "Next" button is highlighted, indicating the next step in the installation process.



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=AppApplicationInstallPage&AppApplicationInstallPortletFILECHOOSERPATH=C%3A%5CAdobe%5C Go Links »

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > JMS Modules > IDPJMSModule > IDPQueueConnectionFactory > JMS Modules > IDPJMSModule > IDPTopicConnectionFactory > JMS Modules > IDPJMSModule > JobManagerQueueConnectionFactory > Summary of Deployments

Install Application Assistant

Back Next Finish Cancel

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 descriptor that you want to install.

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.

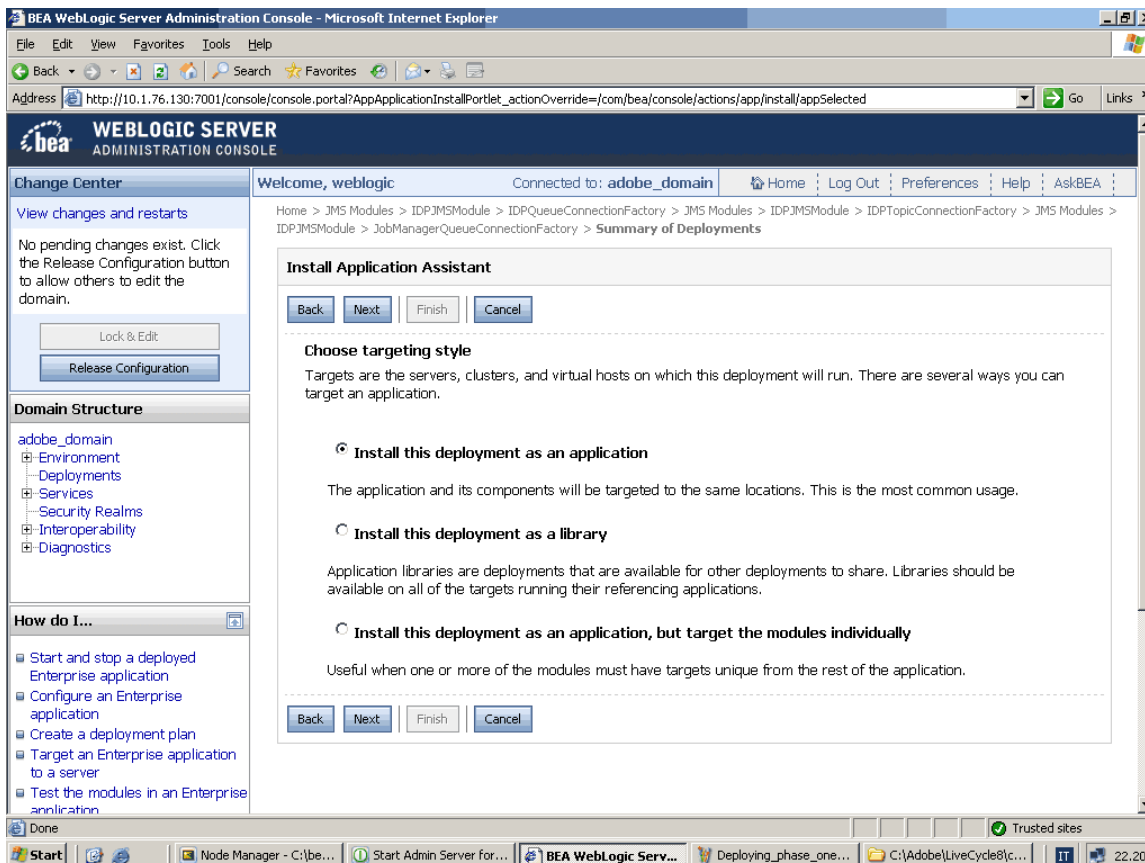
Location: 10.1.76.130 \ C: \ Adobe \ LiveCycle8 \ configurationManager \ export

<input checked="" type="radio"/>	adobe-livecycle-native-weblogic-x86_win32.ear
<input type="radio"/>	adobe-livecycle-weblogic.ear

Back Next Finish Cancel

Done

Start Node Manager - C:\be... Start Admin Server for... BEA WebLogic Serv... Deploying_phase_one... C:\Adobe\LiveCycle8\c... 22.19



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://10.1.76.130:7001/console/console.portal?AppApplicationInstallPortlet_actionOverride=/com/bea/console/actions/app/install/appSelected Go Links »

WEBLOGIC SERVER ADMINISTRATION CONSOLE

Welcome, weblogic Connected to: adobe_domain Home Log Out Preferences Help AskBEA

Home > JMS Modules > IDPJMSModule > IDPQueueConnectionFactory > JMS Modules > IDPJMSModule > IDPTopicConnectionFactory > JMS Modules > IDPJMSModule > JobManagerQueueConnectionFactory > Summary of Deployments

Install Application Assistant

Back Next Finish Cancel

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.

☒ **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.

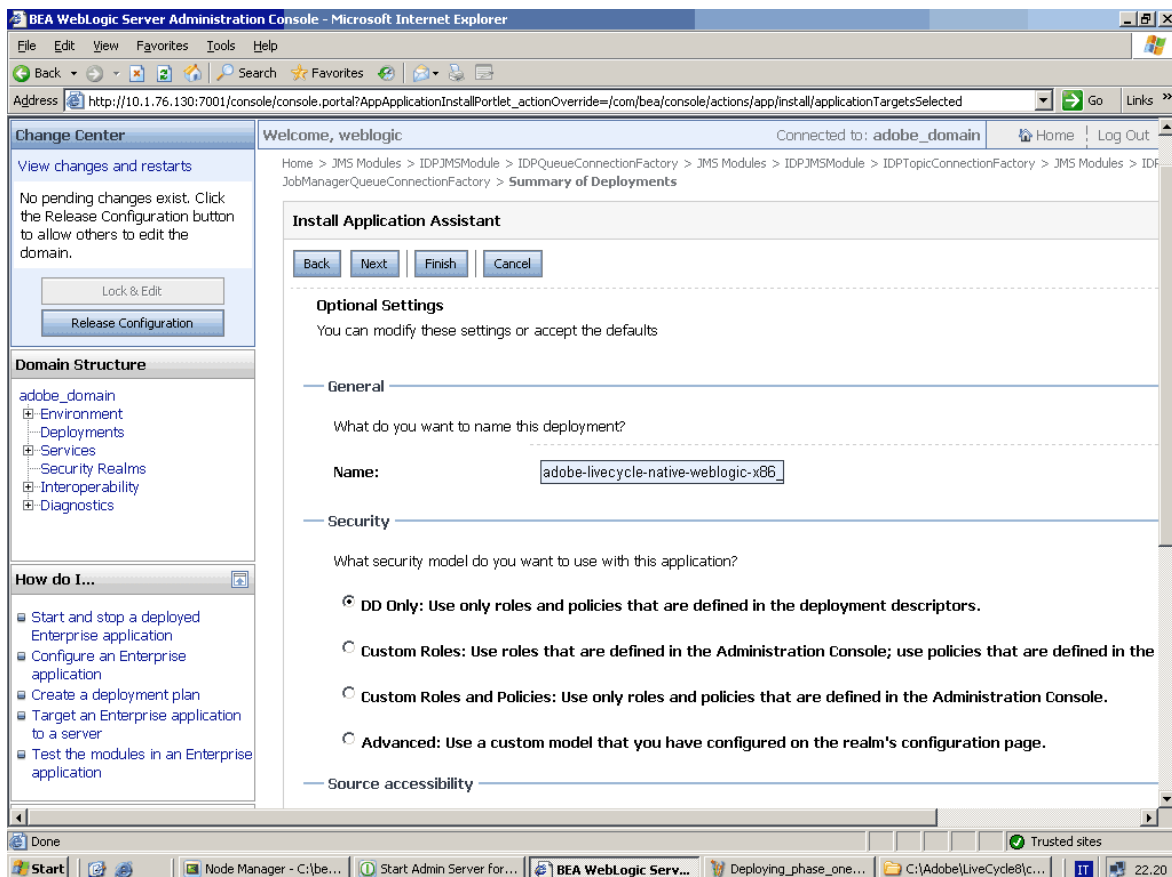
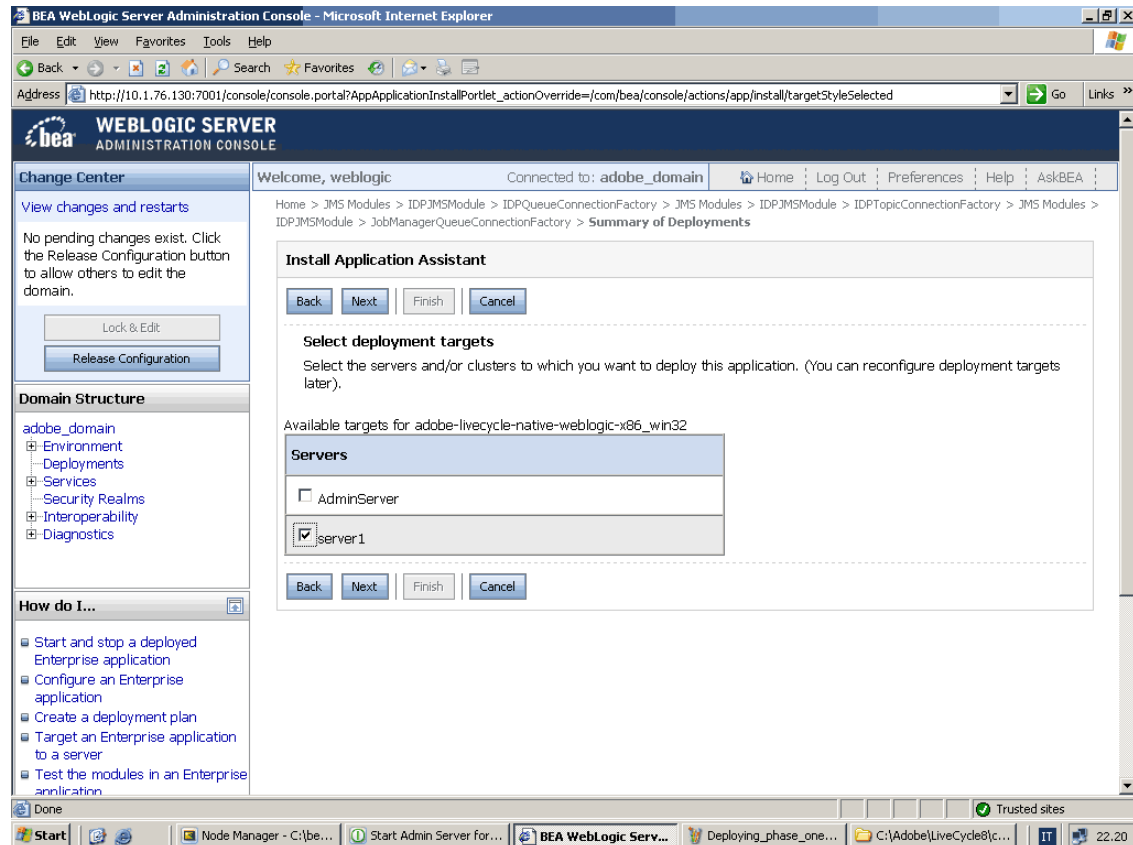
☐ **Install this deployment as an application, but target the modules individually**

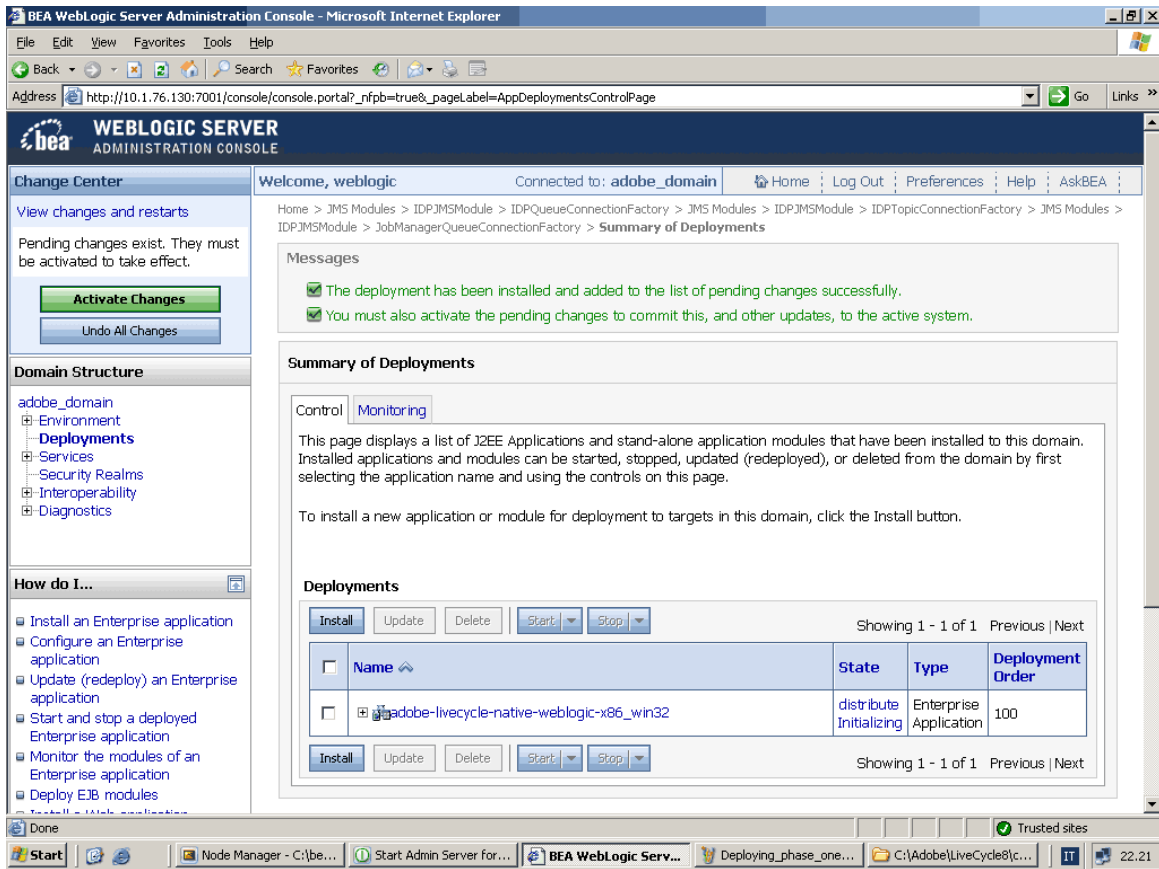
Useful when one or more of the modules must have targets unique from the rest of the application.

Back Next Finish Cancel

Done

Start Node Manager - C:\be... Start Admin Server for... BEA WebLogic Serv... Deploying_phase_one... C:\Adobe\LiveCycle8\c... 22.20





BEA WebLogic Server Administration Console - Microsoft Internet Explorer

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Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=AppDeploymentsControlPage

WEBLOGIC SERVER ADMINISTRATION CONSOLE

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Home > JMS Modules > IDPJMSModule > IDPQueueConnectionFactory > JMS Modules > IDPJMSModule > IDPTopicConnectionFactory > JMS Modules > IDPJMSModule > JobManagerQueueConnectionFactory > **Summary of Deployments**

Messages

- The deployment has been installed and added to the list of pending changes successfully.
- You must also activate the pending changes to commit this, and other updates, to the active system.

Summary of Deployments

Control Monitoring

This page displays a list of J2EE Applications and stand-alone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application name and using the controls on this page.

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

Deployments

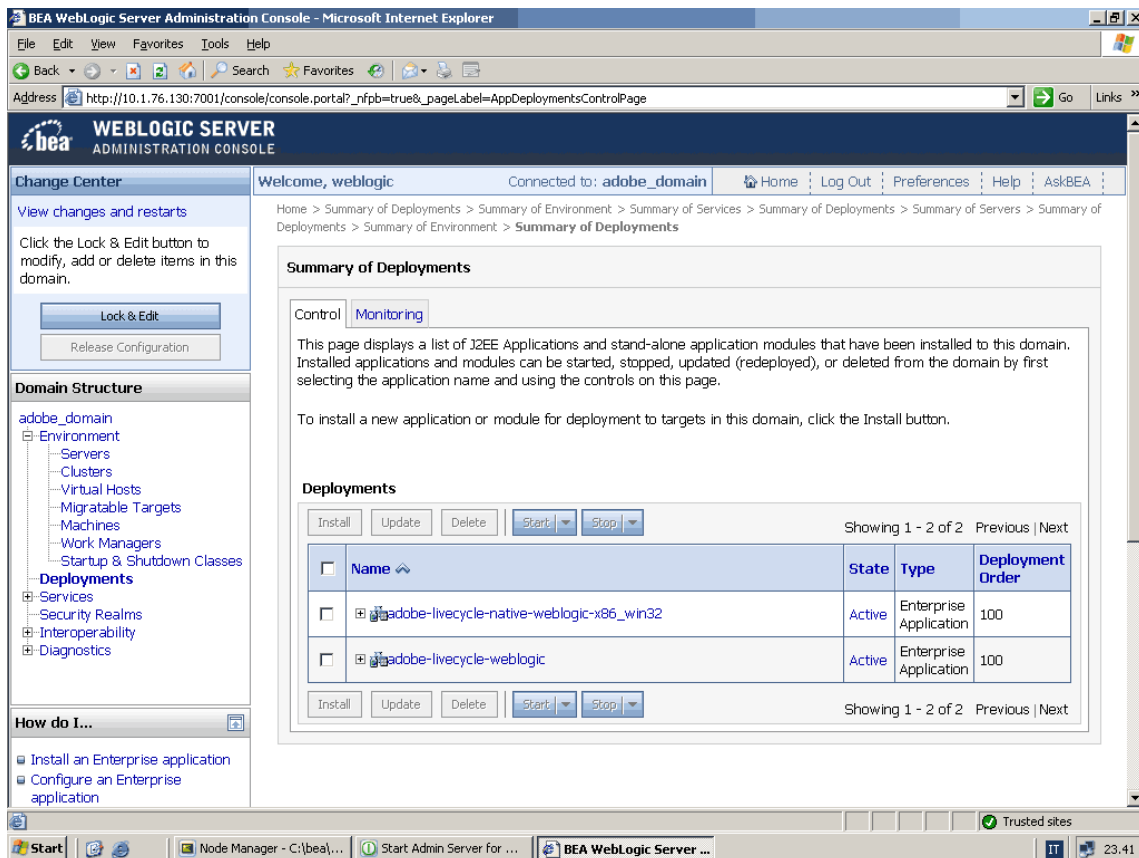
Install Update Delete Start Stop

Showing 1 - 1 of 1 Previous Next

Name	State	Type	Deployment Order
adobe-lifecycle-native-weblogic-x86_win32	Initializing	Enterprise Application	100

Install Update Delete Start Stop

Showing 1 - 1 of 1 Previous Next



BEA WebLogic Server Administration Console - Microsoft Internet Explorer

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Address: http://10.1.76.130:7001/console/console.portal?_nfpb=true&_pageLabel=AppDeploymentsControlPage

WEBLOGIC SERVER ADMINISTRATION CONSOLE

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Home > Summary of Deployments > Summary of Environment > Summary of Services > Summary of Deployments > Summary of Servers > Summary of Deployments > Summary of Environment > **Summary of Deployments**

Summary of Deployments

Control Monitoring

This page displays a list of J2EE Applications and stand-alone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application name and using the controls on this page.

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

Deployments

Install Update Delete Start Stop

Showing 1 - 2 of 2 Previous Next

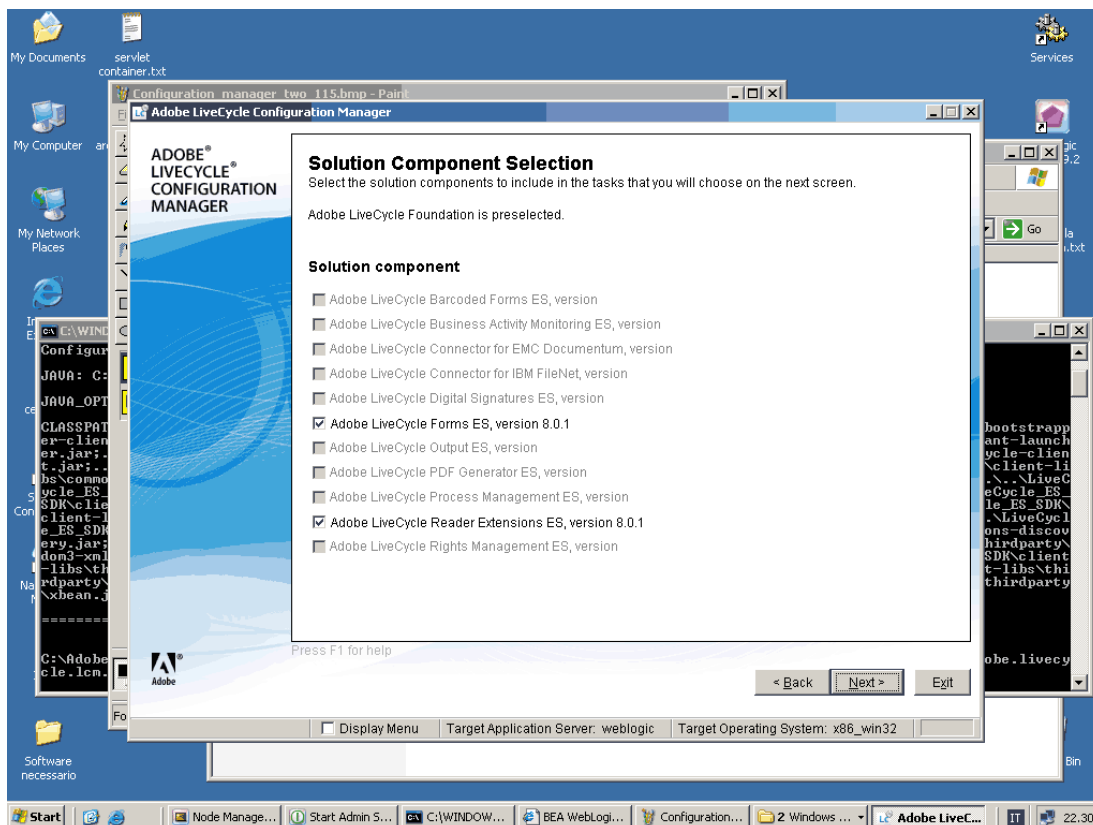
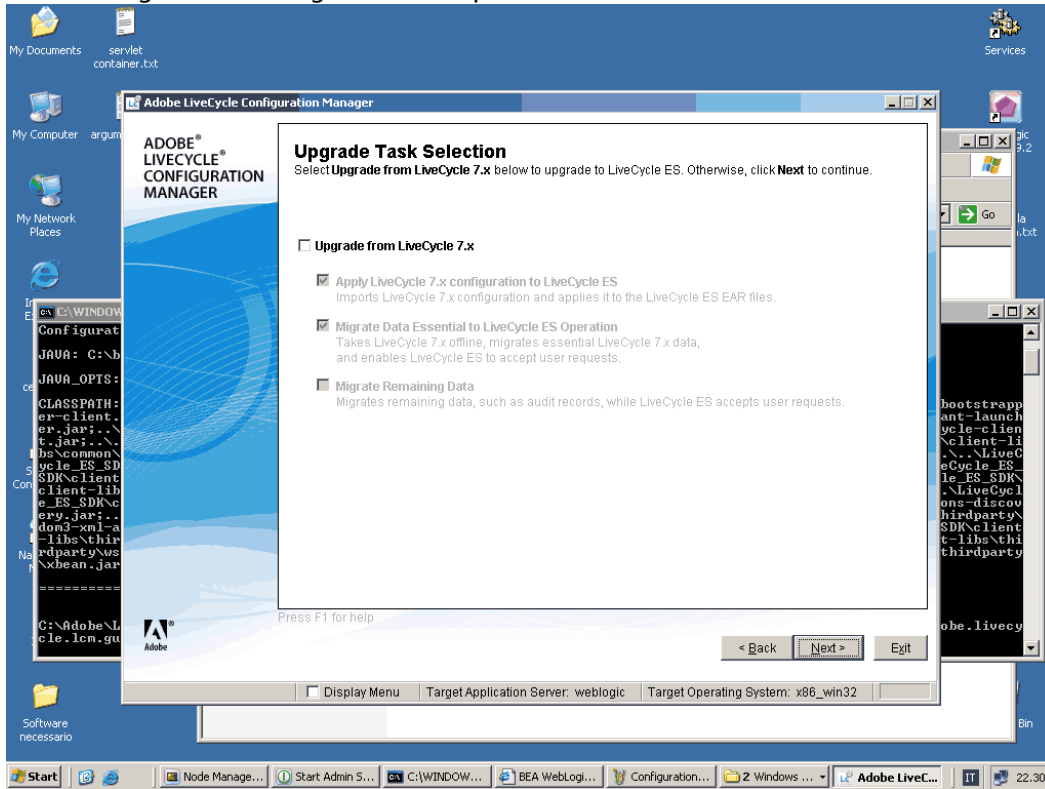
Name	State	Type	Deployment Order
adobe-lifecycle-native-weblogic-x86_win32	Active	Enterprise Application	100
adobe-lifecycle-weblogic	Active	Enterprise Application	100

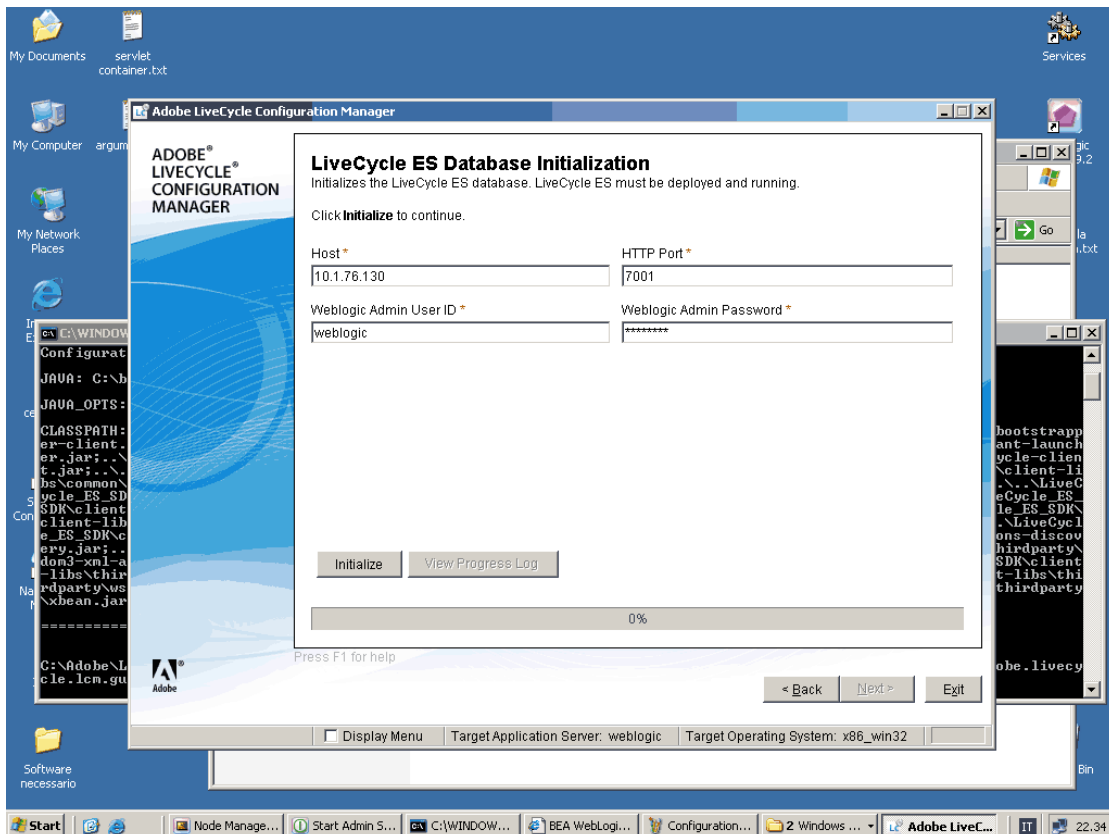
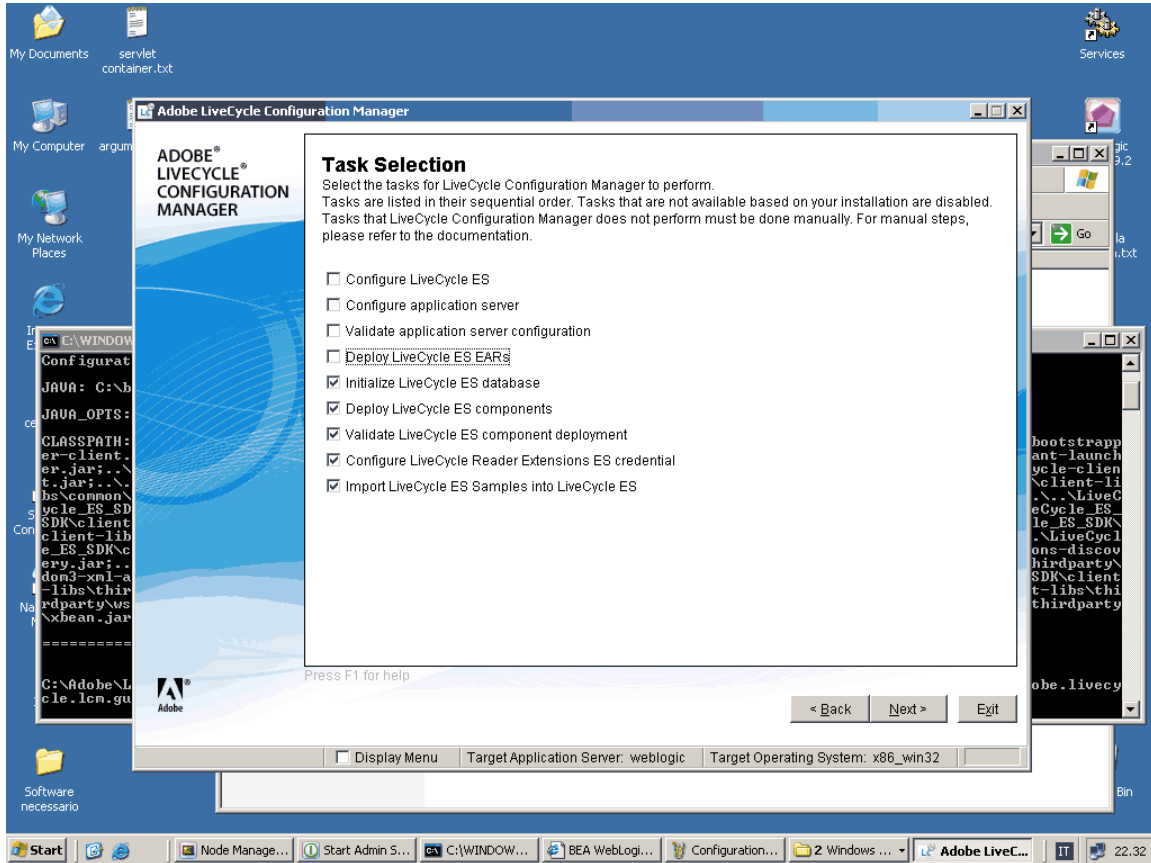
Install Update Delete Start Stop

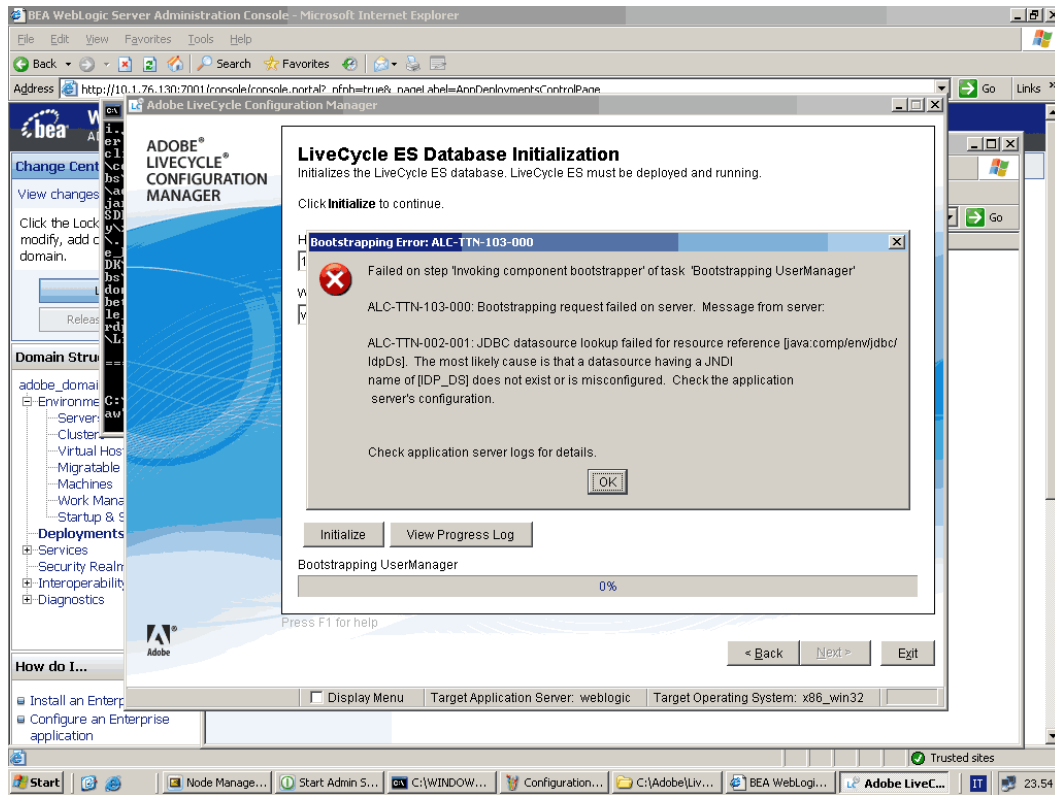
Showing 1 - 2 of 2 Previous Next

Running the Configuration Manager (AGAIN)

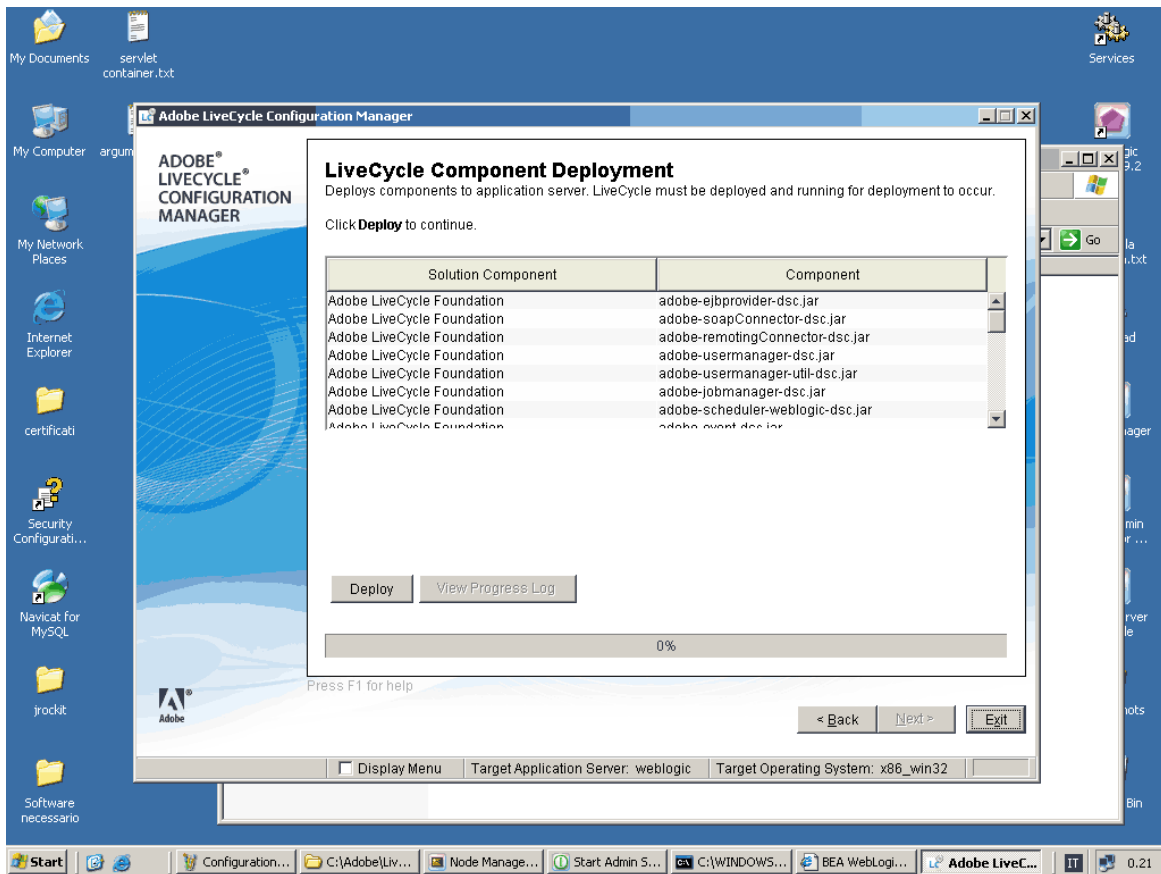
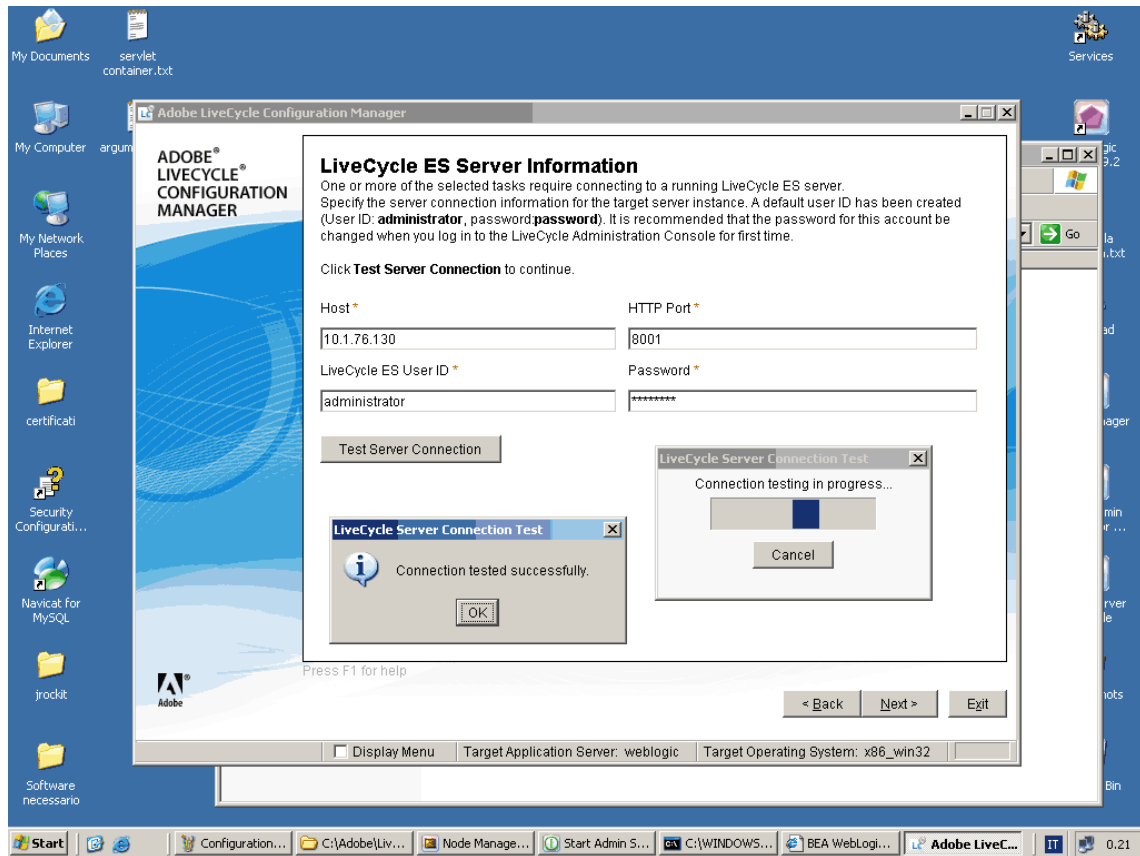
RunRun again the configuration manager with the options below:

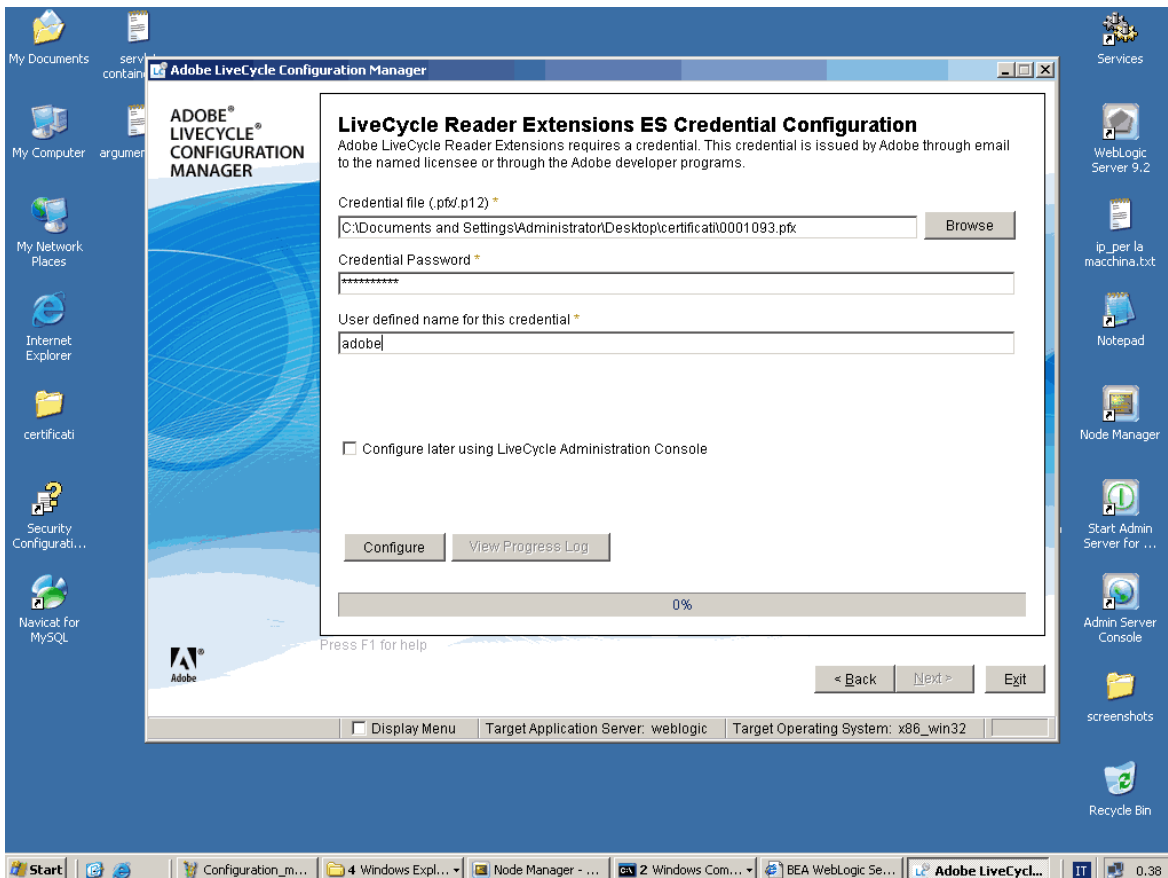
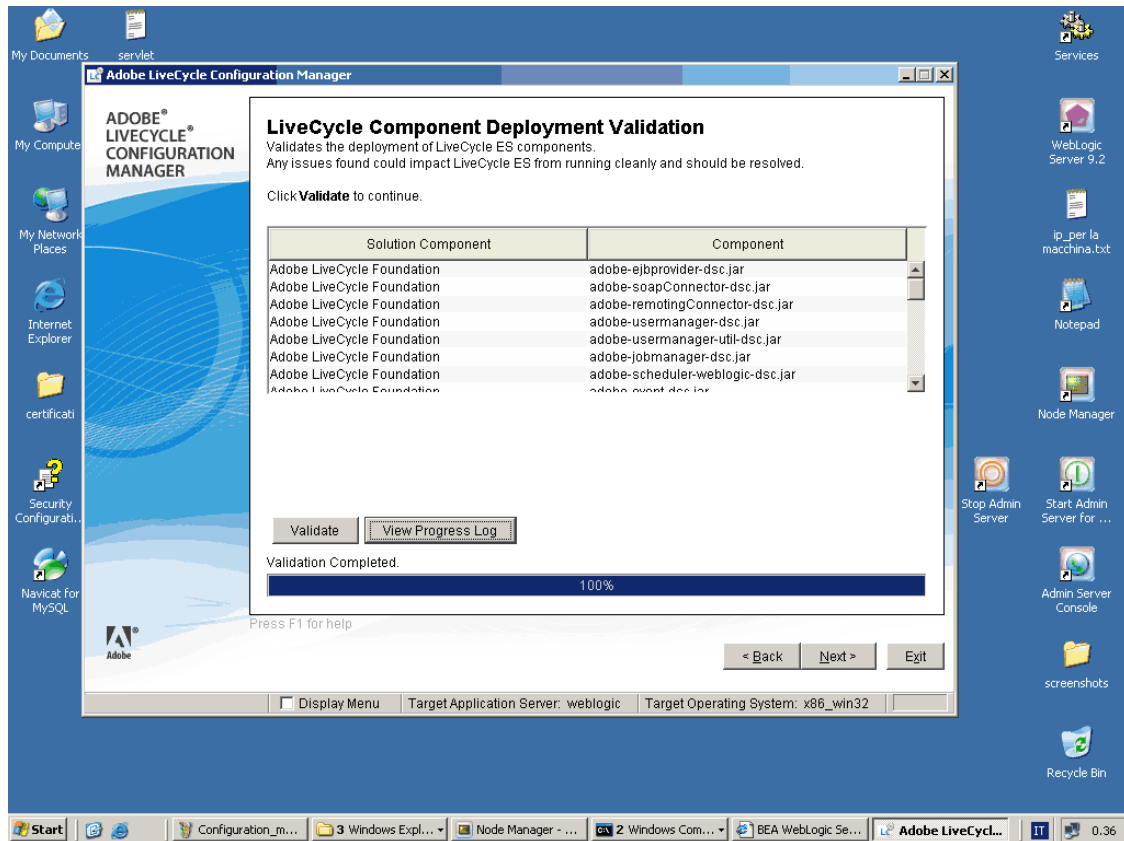


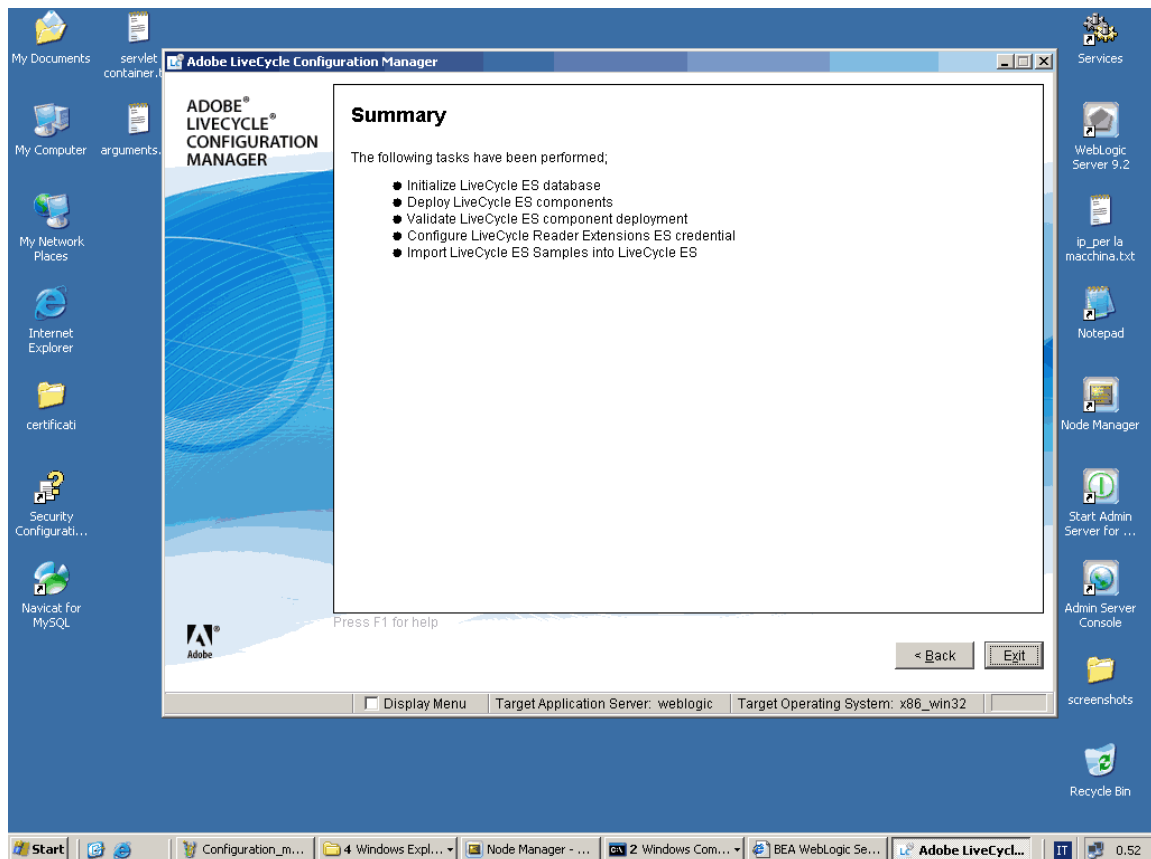
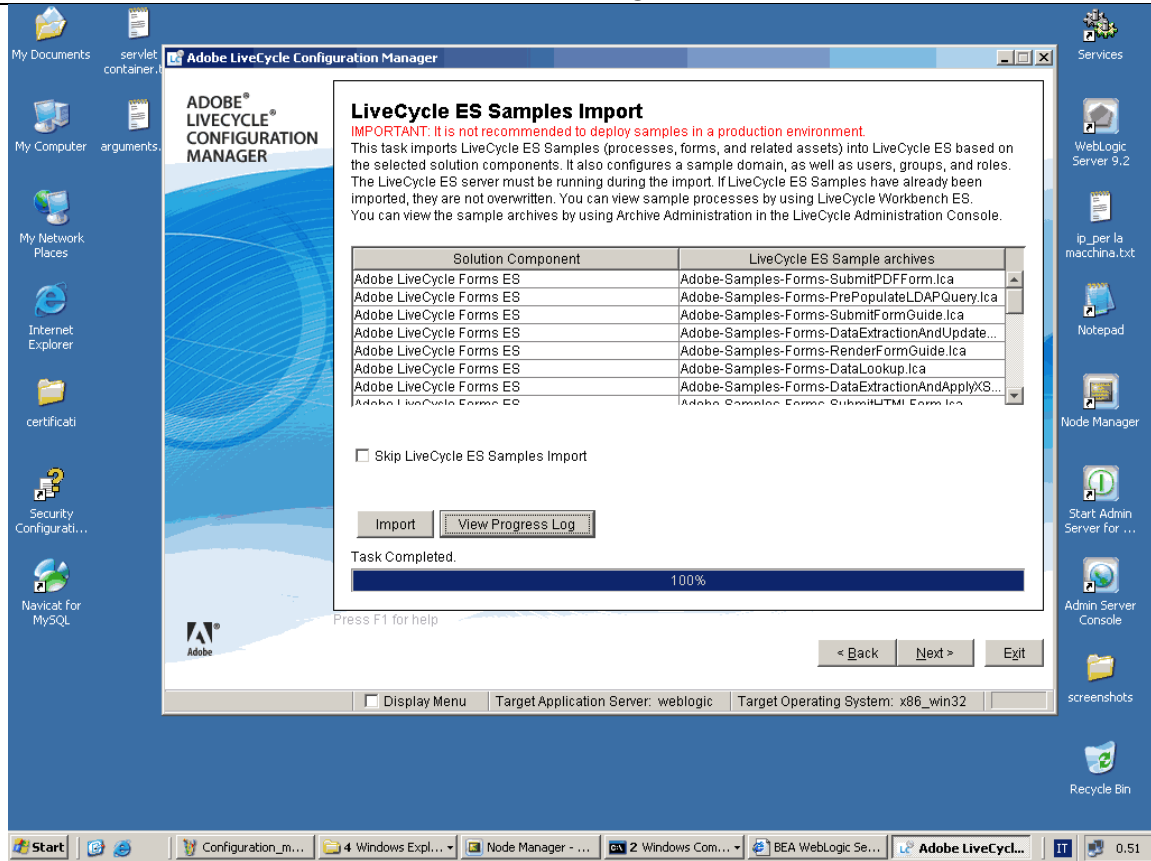




If this error is reported you must probably start the server before clicking the “initialize” button!









Installing Forms And ARES ES on BEA Weblogic 9.2

Adobe LiveCycle Forms ES 1.0 Installation Verification Sample - Microsoft Internet Explorer

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Address http://10.1.76.130:8001/FormsIVS/ Go Links

ADOBE® LIVECYCLE® ES LiveCycle Forms Installation Verification Sample

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Home

The LiveCycle Forms ES 1.0 Installation Verification Sample (Forms-IVS)

This Forms-IVS sample has at least three uses:

1. Verify that the installation has been successful
2. Informally test developed form designs on the server
3. Collect debug information for a problem report

This Sample comes with a few form designs and sample data files for you to use to verify the installation and immediately experiment with transformations.

Later, you will want to setup a test area on your Application Server with writable sub-directories for forms, data, and debug files. You will define where those directories are via the Preferences section of this Sample. Given that the facilities/restrictions between a Web Server and an Application Server can vary substantially, it is left to you to deposit your test forms and data into those server directories. This Sample will show what files are in those directories and allow you to invoke LiveCycle Forms services on those test files.

This Sample is not meant to be a robust, multi-user, secure application, but an honour system-based quick test vehicle for your form designs. Play nice!

[Check/Change your preferences](#)
[Test your form designs](#)
[Perform maintenance](#)
[View system information](#)

Done Trusted sites

Start Node Manage... 2 Windows ... BEA WebLogi... Adobe LiveC... 4 Windows ... verify_install... RenderWithA... IT 12.47