



Installation and Configuration Guide

**Microsoft Windows NT/2000® Operating Systems
and the BEA WebLogic® Server**

eaMarket

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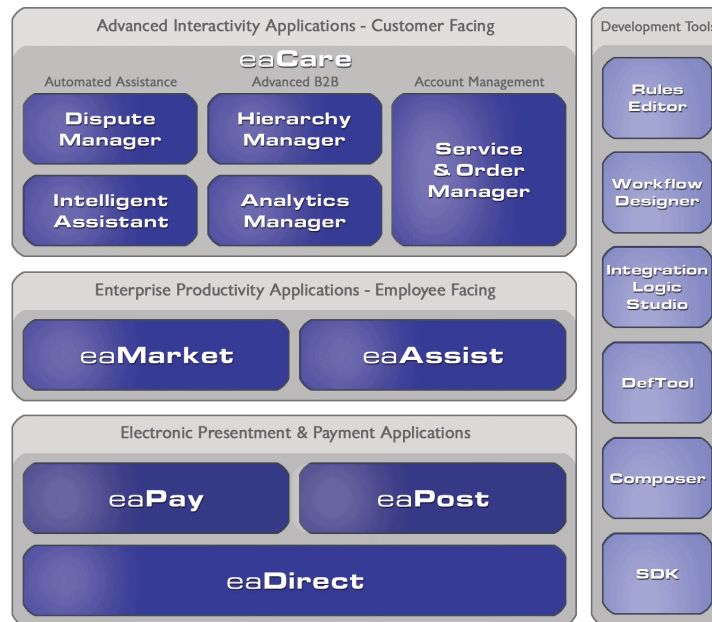
Preface

About Customer Self-Service and eaSuite™

edocs has developed the industry's most comprehensive software and services for deploying Customer Self-Service solutions. **eaSuite™** combines electronic presentment and payment (EPP), order management, knowledge management, personalization and application integration technologies to create an integrated, natural starting point for all customer service issues. eaSuite's unique architecture leverages and preserves existing infrastructure and data, and offers unparalleled scalability for the most demanding applications. With deployments across the healthcare, financial services, energy, retail, and communications industries, and the public sector, eaSuite powers some of the world's largest and most demanding customer self-service applications. eaSuite is a standards-based, feature rich, and highly scalable platform, that delivers the lowest total cost of ownership of any self-service solution available.

eaSuite is comprised of four product families:

- Electronic Presentment and Payment (EPP) Applications
- Advanced Interactivity Applications
- Enterprise Productivity Applications
- Development Tools



Electronic Presentment and Payment (EPP) Applications are the foundation of edocs' Customer Self-Service solution. They provide the core integration infrastructure between organizations' backend transactional systems and end users, as well as rich e-billing, e-invoicing and e-statement functionality. Designed to meet the rigorous demands of the most technologically advanced organizations, these applications power Customer Self-Service by managing transactional data and by enabling payments and account distribution.

eaDirect™ is the core infrastructure of enterprise Customer Self-Service solutions for organizations large and small with special emphasis on meeting the needs of organizations with large numbers of customers, high data volumes and extensive integration with systems and business processes across the enterprise. Organizations use eaDirect with its data access layer, composition engine, and security, enrollment and logging framework to power complex Customer Self-Service applications.

eaPay™ is the electronic payment solution that decreases payment processing costs, accelerates receivables and improves operational efficiency. eaPay is a complete payment scheduling and warehousing system with real-time and batch connections to payment gateways for Automated Clearing House (ACH) and credit card payments, and payments via various payment processing service providers.

eaPost® is the account content distribution system that handles all the complexities of enrollment, authentication and secure distribution of summary account information to any endpoint, while also bringing customers back the organization's Website to manage and control their self-service experience.

Advanced Interactivity Applications are a comprehensive set of advanced customer-facing self-service capabilities that enable the full range of business and consumer customer service activities. These sophisticated modules have the flexibility to completely customize the Customer Self-Service solution to meet vertical industry and specific company requirements.

eaCare™ consists of a rich set of sophisticated self-service modules – Dispute Manager, Intelligent Assistant, Hierarchy Manager, Analytics Manager, and Service and Order Manager - for automated assistance, advanced business-to-business applications and account management. These capabilities come together to create a web self-service dashboard for customers to access all service offerings from a single, easy-to-use interface. eaCare's modularity accelerates time to market with components that can be deployed incrementally in a phased approach.

Enterprise Productivity Applications are employee-facing solutions that empower customer service representatives, sales agents, account managers, marketing managers, broker-dealers and channel partners within an organization and external partner organizations to facilitate self-service and to support assisted service. Employees leverage edocs' Customer Self-Service solution to deliver customer service, access information, create and deploy marketing and customer service content, and perform activities for the benefit of customers.

eaAssist™ reduces interaction costs and increases customer satisfaction by enabling enterprise agents – customer service representatives (CSRs), sales agents, broker-dealers and others – to efficiently access critical account data and service-related information to effectively service customers. Through its browser interface designed especially for the enterprise agent, eaAssist enables agents to take advantage of customer-facing online capabilities to provide better service by more efficiently resolving customer account inquiries at the point of customer contact.

eaMarket™ is the personalization, campaign and content management solution that enables organizations to increase revenue and improve customer satisfaction by weaving personalized marketing and customer service messages throughout the Customer Self-Service experience. The transactional account data that provides the foundation for a Customer Self-Service solution – such as transaction activity, service or usage charges, current task and prior service history – bring valuable insight into customers and can help optimize personalized marketing and customer service campaigns. eaMarket leverages that data to present relevant marketing and customer service messages to customers.

edocs' **Development Tools** are visual development environments for designing and configuring edocs' Customer Self-Service solutions. The Configuration Tools encompass data and rules management, workflow authoring, systems integration, and a software development kit that makes it easy to create customer and employee-facing self-service applications leveraging eaSuite.

About eaMarket

eaMarket is the personalization management solution that enables companies to increase revenue and improve customer satisfaction by weaving personalized marketing and customer service messages throughout the online account management experience.

The online statement is the best platform to create recurring one-to-one relationships with your customers, as it provides personal, time-sensitive and financially relevant information. Transactional account data – such as purchase history, investment activity and service and usage charges – allows you to gain the most insight into your customers and optimally personalize your marketing campaigns. With eaMarket, you can deploy targeted marketing and customer service messages based on the customer's dynamic account and transaction data.

Online marketing demands real actions in real time. eaMarket allows your marketing team to design, schedule, evaluate, and manage the entire process from anywhere on your network – all from a browser-based user interface that operates without heavy involvement from your IT department.

Move beyond your competition. Use eaMarket to send your customers personalized e-serts™ instead of envelopes full of one-size-fits-all inserts. Increase cross-sell and up-sell offer acceptance rates with personalized messages that are based on your customer's actual account activity.

With eaMarket, you can deliver the right message to the right customer at the right time.

About This Guide

This guide describes how to install and configure eaMarket. eaMarket requires eaDirect to be installed and configured before installing eaMarket.

Related Documentation

This guide is part of the eaMarket documentation set. For more information about implementing your eaMarket application, see one of the following guides:

Online	How to Access
Help	Select Help from the eaMarket configuration screens.
A PDF of this guide	A PDF of this guide is available on the eaDirect product CD-ROM.

This guide is part of the eaMarket documentation set. For more information about implementing your eaMarket application, see one of the following guides:

Print Document	Description
<i>eaMarket™ User's Guide</i>	Explains what you need to know to use the eaMarket application to manage marketing promotions, content, business conditions, and workflow.
<i>eaMarket™ Installation and Configuration Guide: for the Solaris™ Operating Environment™ Software</i>	Explains how to install and configure eaMarket for a Solaris environment.
<i>eaMarket™ Installation and Configuration Guide: for the Windows/NT™ Operating Environment™ Software</i>	Explains how to install and configure eaMarket for a Windows environment.
<i>eaDirect Installation and Configuration Guide</i>	How to install eaDirect and configure it in a distributed environment.
<i>Data Presentation Production Guide</i>	How to set up and run a live eaDirect application in a J2EE environment.
<i>Deploying and Customizing J2EE Applications</i>	How to customize J2EE web applications for deployment with the eaSuite.

The eaSuite products eaDirect, eaPost, eaPay, and eaAssist provide their own documentation.

If You Need Help

Technical support is available to customers who have valid maintenance and support contracts with edocs. Technical support engineers can help you install, configure, and maintain your edocs application.

edocs provides global Technical Support services from the following Support Centers:

US Support Center

Natick, MA

Mon-Fri 8:30am – 8:00pm US EST

Telephone: 508-652-8400

Europe Support Center

London, United Kingdom

Mon-Fri 9:00am – 5:00 GMT

Telephone: +44 20 8956 2673

Asia Pac Rim Support Center

Melbourne, Australia

Mon-Fri 9:00am – 5:00pm AU

Telephone: +61 3 9909 7301

Customer Central

<https://support.edocs.com>

Email Support

<mailto:support@edocs.com>

When you report a problem, please be prepared to provide us the following information:

- What is your name and role in your organization?
- What is your company's name?
- What is your phone number and best times to call you?
- What is your e-mail address?
- In which edocs product did a problem occur?

Preface

- What is your Operating System version?
- What were you doing when the problem occurred?
- How did the system respond to the error?
- If the system generated a screen message, please send us that screen message.
- If the system wrote information to a log file, please send us that log file.

If the system crashed or hung, please tell us.

Preparing For Installation



System Requirements

For the latest software and hardware requirements for both eaMarket and eaDirect, see the release notes that came with your distribution.

Pre-installation Tasks

Before you install the eaMarket components, there are several prerequisites that need to be addressed to ensure that the operating system and software programs that eaMarket uses are installed and configured correctly.

1. First, you must install and configure the Application Server and Database Server components of eaDirect Version 4.0 as described in the *eaDirect Installation and Configuration Guide*. Then, you can continue with the following steps to configure the server running eaMarket, which assumes that eaMarket will be installed on a separate server from the eaDirect servers:



Caution

It is important that the products below are installed in the order they are listed.

2. Install the Windows operating system.
3. Install the Sun JDK 1.3.1_03 or a higher SP of the Sun JDK 1.3.1 release.
4. Install Microsoft SQL Server 2000, if the eaMarket database is on the eaMarket server. Install Microsoft SQL Server 2000 Client, if the database is on a different server.

5. Install WebLogic Server WebLogic Server 6.1 with Service Pack 3 or WebLogic Server 7.0



Caution

WebLogic should NOT be installed as a Windows Service.

Installing eaMarket

eaMarket works in conjunction with an existing eaDirect application. eaMarket can be installed on the same server as eaDirect (the eaDirect Application Server), or run on its own server for performance or security reasons. This document describes how to install eaMarket on separate servers for eaMarket, the database and the eaMarket tracking component on eaDirect.



Caution

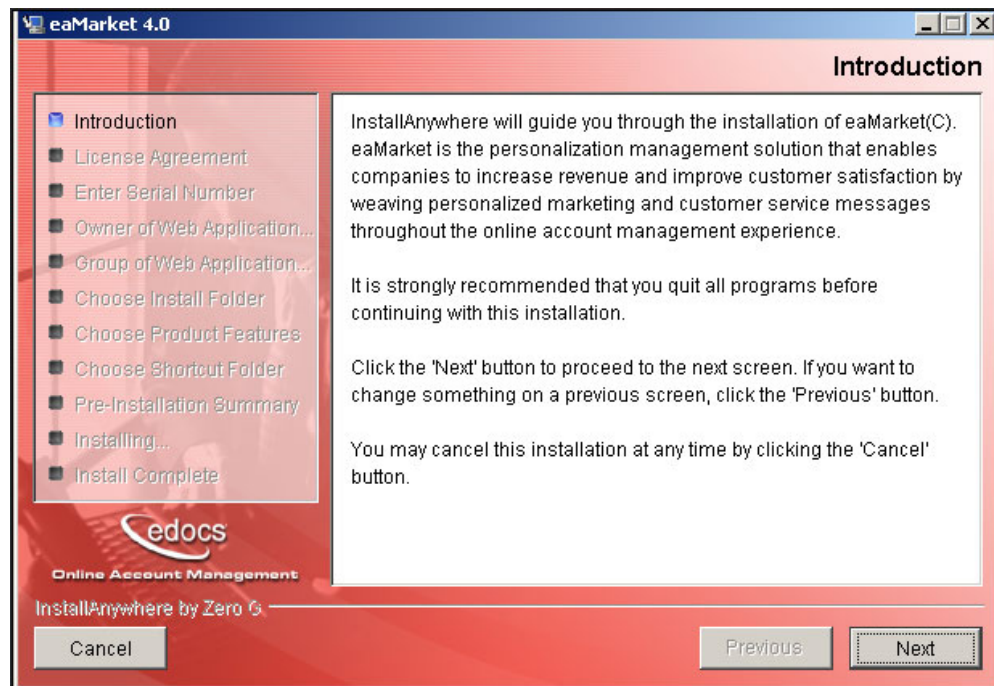
When installing eaMarket on different servers, be sure to use the same root path on all servers. For example, assume eaMarket is installed in *C:\EDCSmkt*. *C:\EDCSmkt* is the root path, so if the eaMarket database is on a different machine, then the database should be installed in *C:\EDCSmkt*. If the tracking component is on a different system, then it should be installed in *C:\EDCSmkt* on the eaDirect server.

Installing eaMarket on the Database Server

2

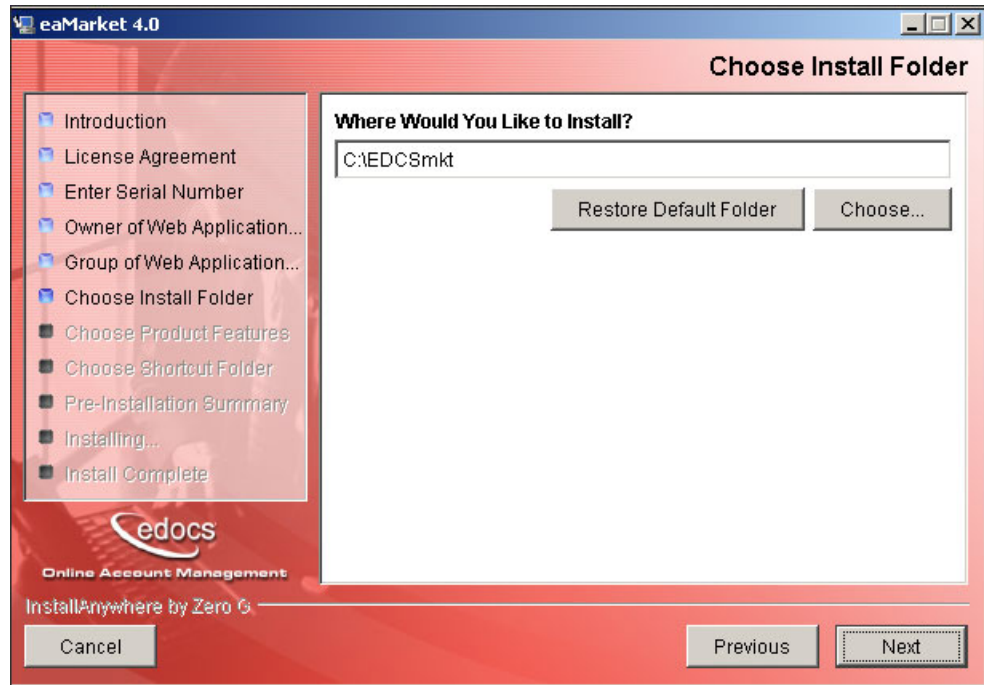
Running the Installation Program

1. Run the eaMarket Setup program. The eaMarket installation wizard appears.



2. Click **Next**. The next wizard displays the license agreement. Accept the license agreement and click **Next**.

3. In the next wizard, enter the serial number and click **Next**. The next wizard appears.

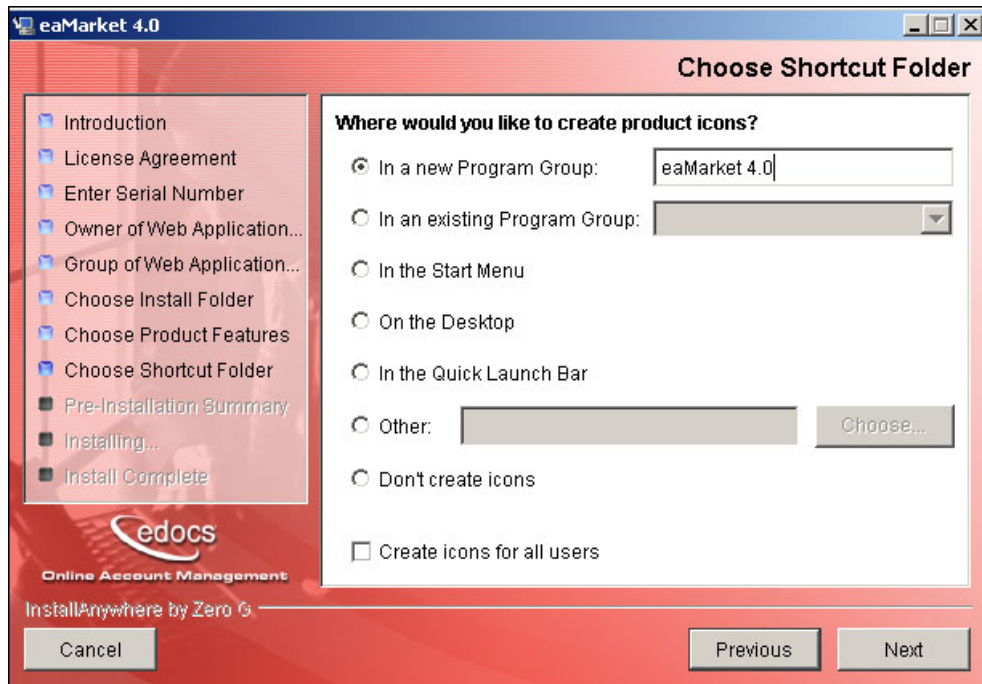


4. Enter the eaMarket installation folder. The default installation folder is *C:\EDCSmkt*.
5. Click **Next**. The next wizard appears.

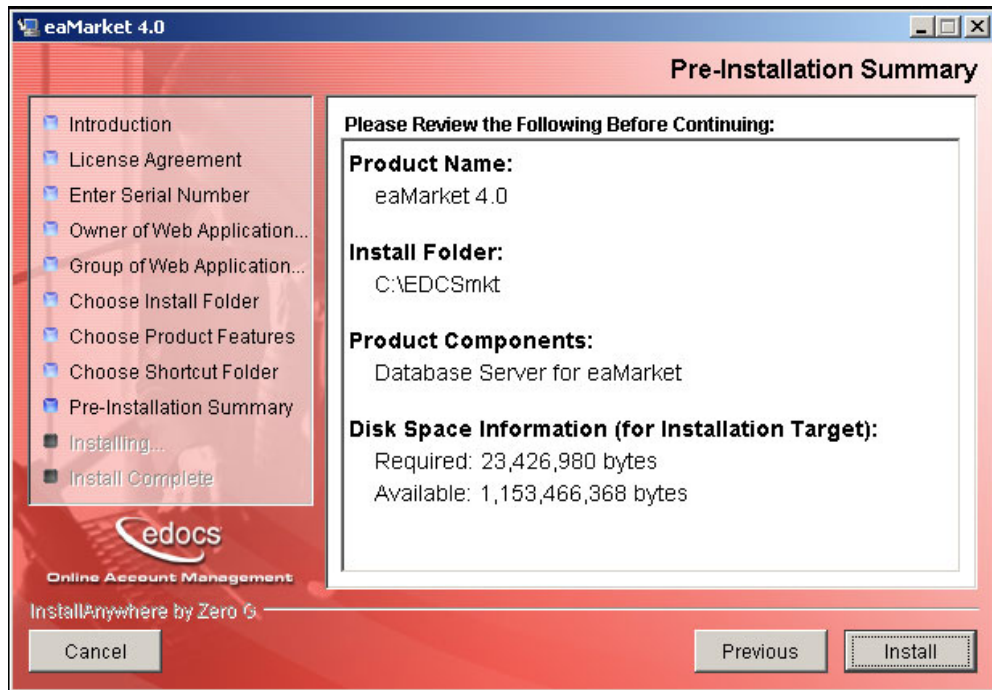


6. Select **Database** as the installation option and click **Next**. The next wizard appears.

Installing eaMarket on the Database Server



7. Specify where the product icons should be created and click **Next**. The next wizard appears.

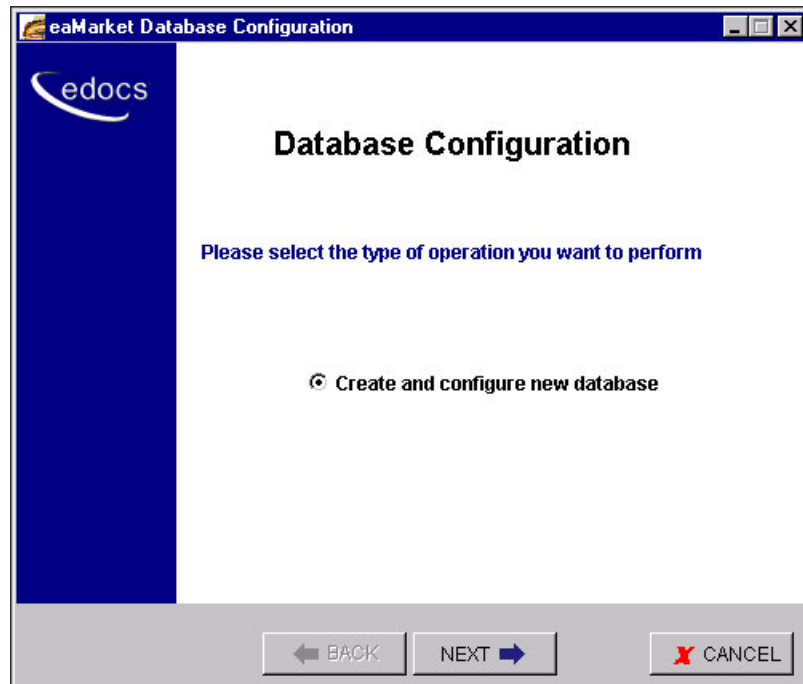


8. All the installation options you selected will be displayed. If necessary, click **Previous** and change any of the options, otherwise click **Install** to start the installation.

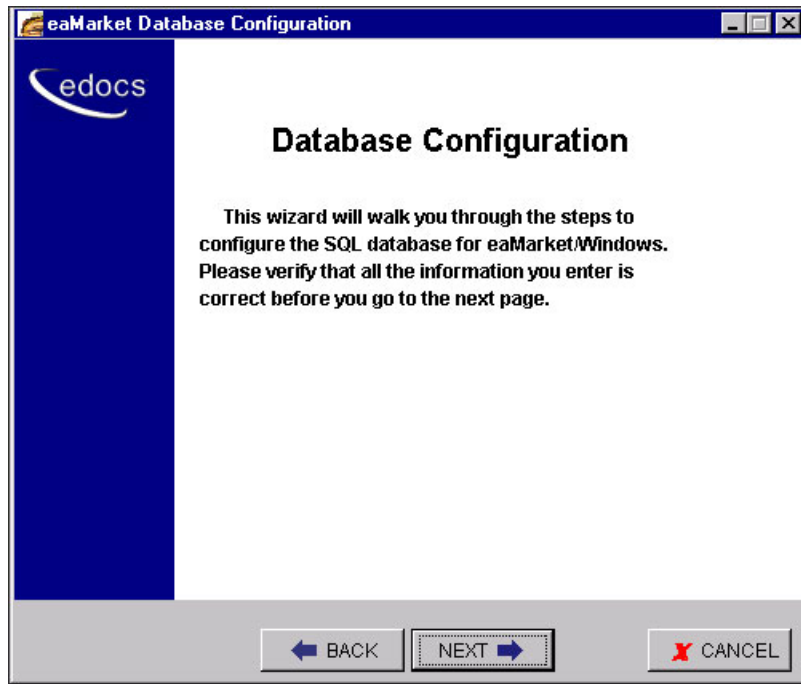
Creating the Database

1. Open a command prompt and go to the `<eaMarket_Install>\db\mssql` folder.
2. Type in the following command to start the database configuration tool:
`java -jar DBConfigTool.jar`
3. The eaMarket Database Configuration wizard appears.

Installing eaMarket on the Database Server




4. Click **Next** to continue the installation. The next wizard appears.



5. Click **Next**. The next wizard appears.

Installing eaMarket on the Database Server



The screenshot shows a window titled "eaMarket Database Configuration" with the edocs logo on the left. The main heading is "Database Administrator Information". Below it, a sub-heading says "Provide the database Administrator name and the password". There are two input fields: "Admin Name" with the value "sa" and "Admin Password" with the value "**". At the bottom, there are three buttons: "BACK" with a left arrow, "NEXT" with a right arrow, and "CANCEL" with a red X.

eaMarket Database Configuration

edocs

Database Administrator Information

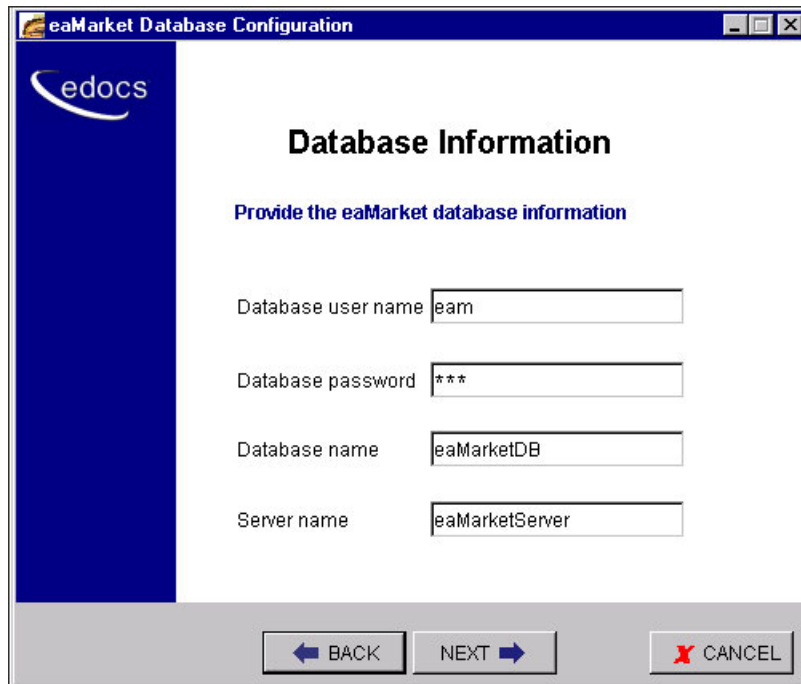
Provide the database Administrator name and the password

Admin Name: sa

Admin Password: **

← BACK NEXT → X CANCEL

6. Enter the admin name and the admin password and click **Next**. The next wizard appears.



eaMarket Database Configuration

edocs

Database Information

Provide the eaMarket database information

Database user name

Database password

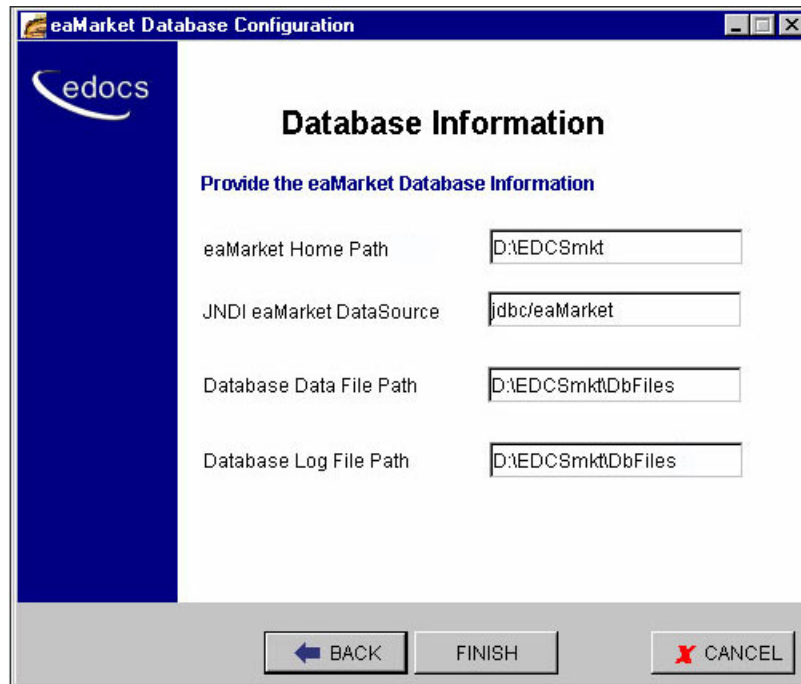
Database name

Server name

← BACK NEXT → X CANCEL

7. Enter the database user name.
8. Enter the database password.
9. Enter the database name.
10. Enter the server name.
11. Click **Next**. The next wizard appears.

Installing eaMarket on the Database Server



12. Enter the eaMarket home path.

13. Enter the JNDI name of the eaMarket data source.



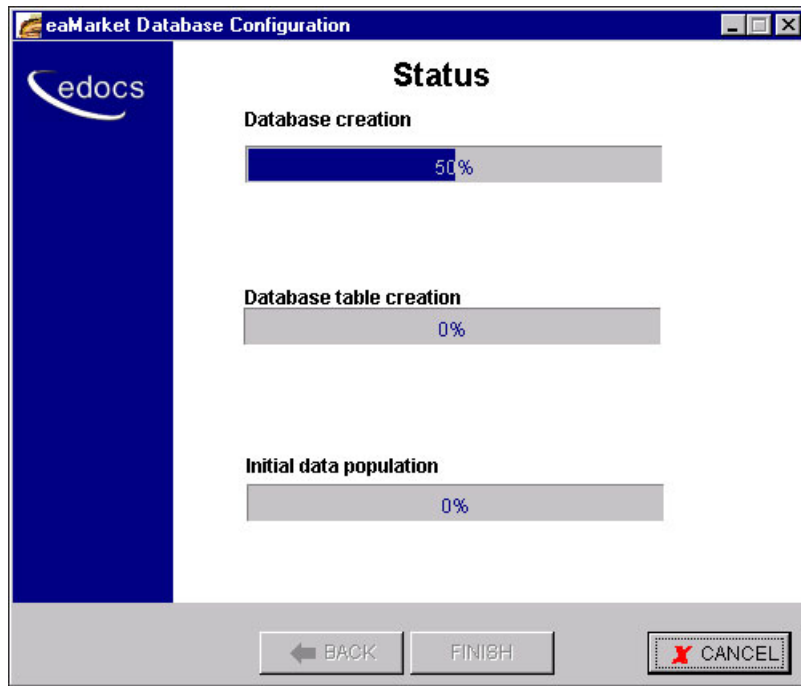
Tip

Remember the **Data Source Name**, which is used to configure WebLogic for eaMarket.

14. Enter the database data file path.

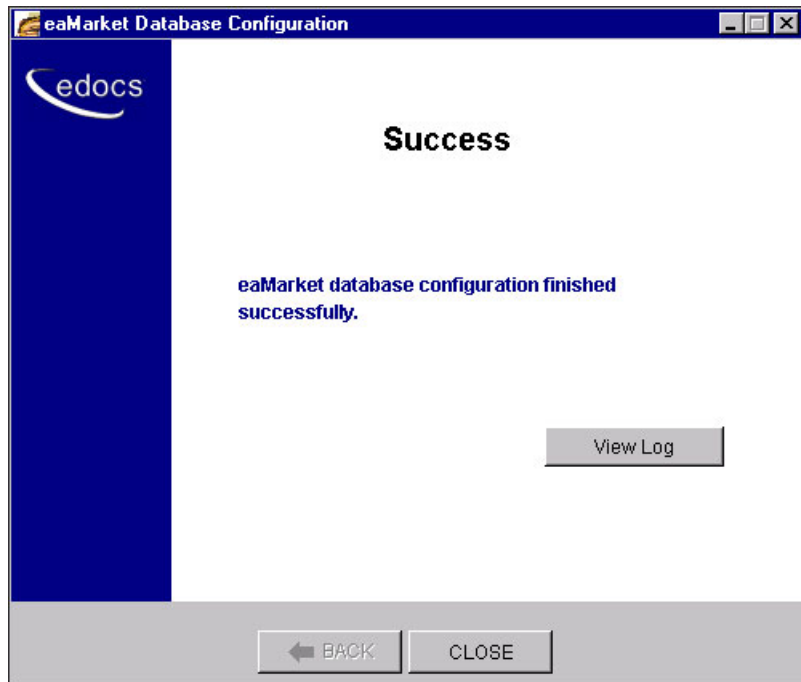
15. Enter the log file path.

16. Click **Finish**. The next wizard appears.



17. If the installation is successful, the next wizard appears.

Installing eaMarket on the Database Server



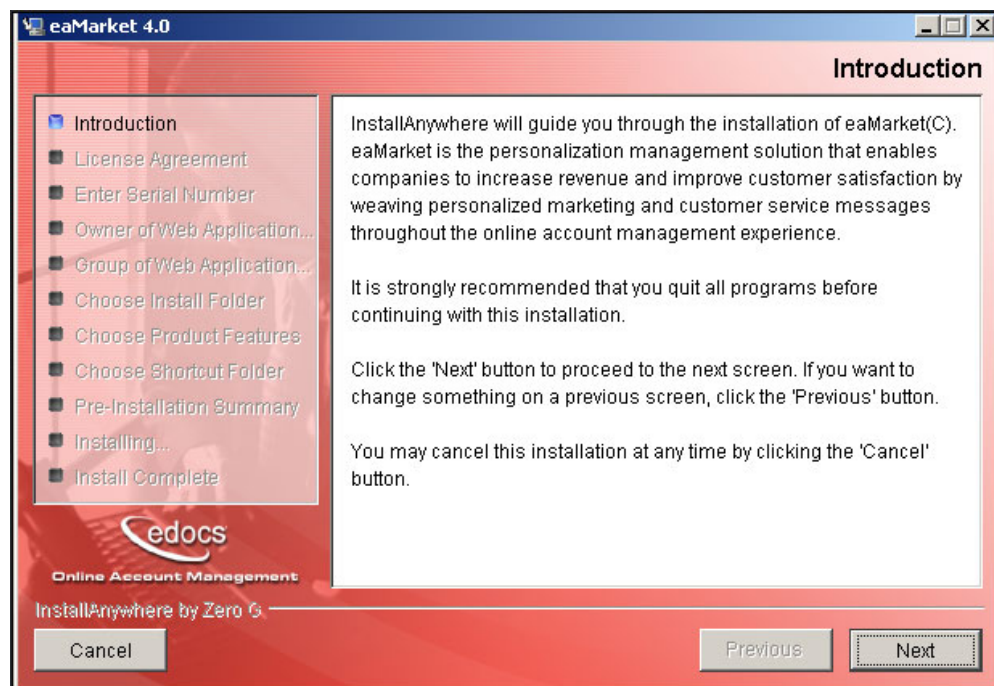
18. Click **close**.

Installing eaMarket on the Application Server

3

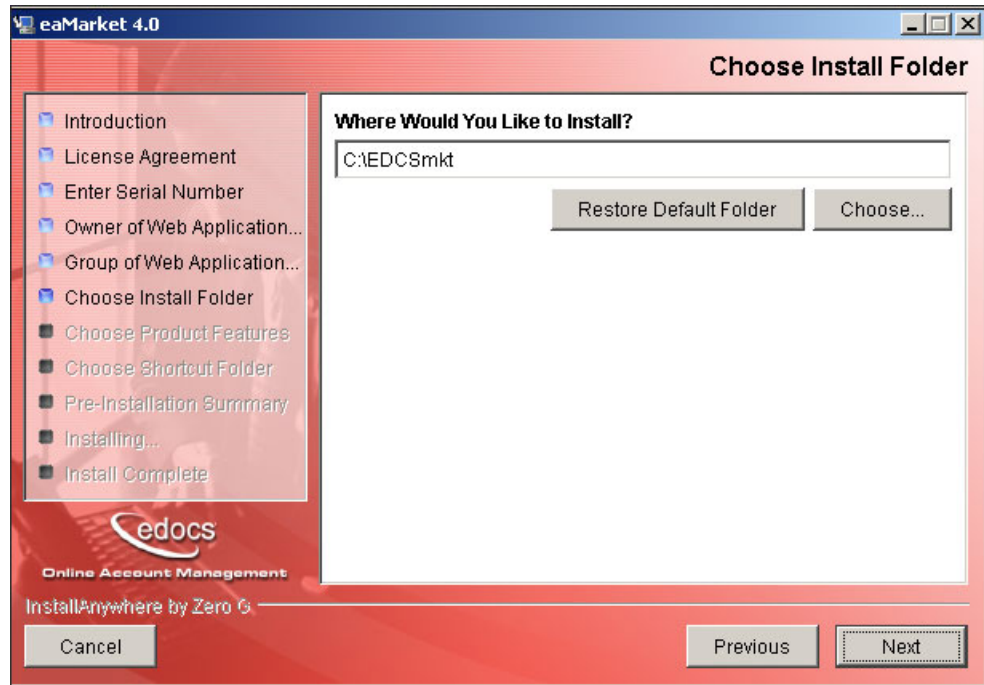
Running the Installation Program

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3. In the next wizard, enter the serial number and click **Next**. The next wizard appears.

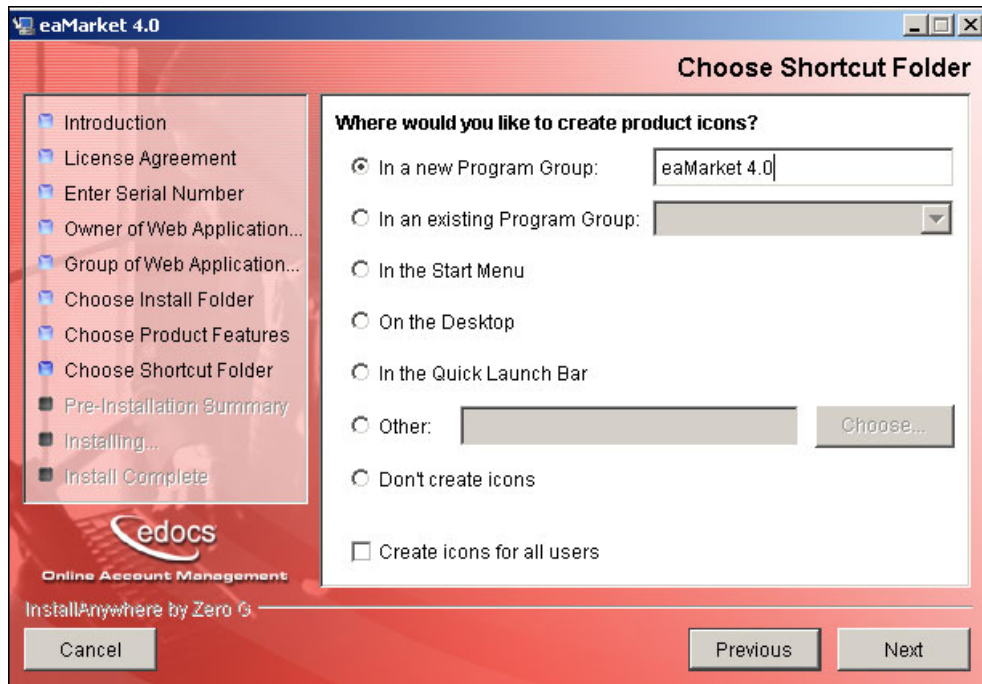


4. Enter the eaMarket installation folder. The default installation folder is *C:\EDCSmkt*.
5. Click **Next**. The next wizard appears.



6. Select **Standalone** as the installation option and click **Next**. The next wizard appears.

Installing eaMarket on the Application Server



7. Specify where the product icons should be created and click **Next**. The next wizard appears.



8. All the installation options you selected will be displayed. If necessary, click **Previous** and change any of the options, otherwise click **Install** to start the installation.

Configuring the eaMarket Application Server

Configuring the eaMarket application server consists of updating the WebLogic startup script to add the necessary information to support WebLogic, configuring WebLogic for eaMarket through the WebLogic console, and deploying the eaMarket application in WebLogic.

To Update the Startup Script for WebLogic 6.1

1. Change the working directory to the WebLogic domain directory. For example:

```
cd c:\bea\wlserver6.1\config\mydomain\
```

2. Open **startWebLogic.cmd** with an editor.

3. Add the following to the **CLASSPATH**:

```
<eaMarket_install>\lib\crimson.jar  
<eaMarket_install>\lib\jaxp.jar  
<eaMarket_install>\lib\xerces.jar  
<eaMarket_install>\lib\eaMarket.jar
```

The following example shows a **CLASSPATH** where eaMarket is installed in *c:\eaMarket*:

```
CLASSPATH=.;c:\eaMarket\lib\crimson.jar;c:\eaMarket\lib\  
jaxp.jar;c:\eaMarket\lib\xerces.jar;c:\eaMarket\lib\eaMa  
rket.jar;.\lib\weblogic_sp.jar;.\lib\weblogic.jar
```



Caution

The paths for *crimson.jar*, *jaxp.jar*, *xerces.jar* must be set before any WebLogic *.jar* files.

4. If the data source name is not the default `jdbc/eaMarket`, then add the following to the Java properties:

```
-DeaMDataStore=<DataSource Name>
```

DataSource Name is the JDBC Data Source name used when configuring WebLogic.



Caution

This property MUST be inserted before

```
-Dweblogic.management.password=%WLS_PW  
weblogic.Server
```

For example:

```
%JAVA_HOME%\bin\java %JAVA_OPTIONS%  
-classpath %CLASSPATH%  
-Dweblogic.Domain=mydomain  
-Dweblogic.Name=myserver "  
-Dbea.home=C:\bea" "  
-Djava.security.policy==  
C:\bea\wlserver6.1\lib\weblogic.policy" "  
-DeaMDataStore=jdbc\edocs  
-Dweblogic.management.password=  
edocsdocs weblogic.Server
```

5. Change the `JAVA_OPTIONS -ms64m -mx64m` to `-ms128m -mx128m`.
6. Save and close the file.

To Update the Startup Script for WebLogic 7.0

1. Change the working directory to the WebLogic domain directory. For example:

```
cd C:\bea\weblogic700\config\mydomain\
```

2. Open `startWebLogic.cmd` with an editor.

3. Add the following to the **CLASSPATH**:

```
<eaMarket_install>\lib\crimson.jar  
<eaMarket_install>\lib\jaxp.jar  
<eaMarket_install>\lib\xerces.jar  
<eaMarket_install>\lib\eaMarket.jar
```

The following example shows a **CLASSPATH** where eaMarket is installed in *C:\EDCSmkt*:

```
CLASSPATH=.;C:\EDCSmkt\lib\crimson.jar;C:\EDCSmkt  
\lib\jaxp.jar;C:\EDCSmkt\lib\xerces.jar;C:\EDCSmkt  
\lib\eaMarket.jar;C:\bea\weblogic700\lib\weblogic_sp.jar  
;.\lib\weblogic.jar
```



The paths for *crimson.jar*, *jaxp.jar*, *xerces.jar* must be set before any WebLogic *.jar* files.

4. If the datasource name is not the default **jdbc/eaMarket**, then add the following to the Java properties:

```
-DeaMDataStore=<DataSource Name>
```

DataSource Name is the JDBC Data Source name used when configuring WebLogic.



This property MUST be inserted before

```
-Dweblogic.management.password=%WLS_PW%  
weblogic.Server
```

For example:

```
%JAVA_HOME%\bin\java %JAVA_OPTIONS%  
-classpath %CLASSPATH%  
-Dweblogic.Domain=mydomain  
-Dweblogic.Name=myserver "  
-Dbea.home=C:\bea\weblogic700" "  
-Djava.security.policy==  
C:\bea\weblogic700\server\lib\weblogic.policy" "  
-DeaMDataStore=jdbc/eaMarket  
-Dweblogic.management.password=  
edocsdocs weblogic.Server
```

5. Add the following parameter to **JAVA_OPTIONS**: **-ms128m -mx128m**.
6. Save and close the file.

To Modify the edx_mwi.config.bat File for eaDirect

Carry out the following steps if eaMarket and eaDirect reside on the same server.

1. Go to the *<eaDirect installation folder>\Config* folder and open the **edx_mwi.config.bat** file.
2. Change the value of the -Dedx.web.public parameter to the web root folder in WebLogic as follows:

```
@set JAVA_OPTIONS=%JAVA_OPTIONS% -Dedx.web.public=<web  
root folder>
```

Example for WebLogic 6.1:

```
@set JAVA_OPTIONS=%JAVA_OPTIONS% -Dedx.web.public=  
c:\bea\wlserver6.1\config\mydomain\applications\DefaultW  
ebApp
```

Example for WebLogic 7.0:

```
@set JAVA_OPTIONS=%JAVA_OPTIONS% -Dedx.web.public=  
C:\bea\weblogic700\config\mydomain\applications\DefaultW  
ebApp\
```

3. Save and close the file.

Configuring WebLogic 6.1 for eaMarket

To Create the Connection Pool

1. Login to the WebLogic console. For example:
`http://dusky:7001/console`

2. Select **Mydomain**, then **Services**, then **JDBC**, then **Connection Pools**. Click **Create a new JDBC Connection Pool**. A screen similar to the following appears:

The screenshot shows a configuration window for a JDBC Connection Pool. The window has a tabbed interface with 'Configuration', 'Targets', 'Monitoring', and 'Notes'. Under 'Configuration', there are sub-tabs 'General', 'Connections', and 'Testing'. The 'General' tab is selected, displaying the following fields:

- Name:** eaMarketPool
- URL:** jdbc:weblogic:mssqlserver4:eaMarketMain0
- Driver Classname:** weblogic.jdbc.mssqlserver4.Driver
- Properties (key=value):** A text area containing 'user=sa' and 'password='.

3. Enter the following:

Field	Description
Connection Pool Name	This field shows the Connection Pool Name you entered when creating this JDBC Connection Pool.
URL	URL for the database as specified by JDBC, of the form: jdbc:weblogic:mssqlserver4:<database name> @<Server_Name/IP>:<port> For example: jdbc:weblogic:mssqlserver4:eaMarketDB@eaMarketServer:1433
Driver class name	The name of the JDBC driver class, which is weblogic.jdbc.mssqlserver4.Driver .

Field	Description
Properties	Enter the following values: <code>user=<user name></code> <code>password=<password></code>

4. Click **Create**.
5. Click the **Connections** tab.

The screenshot shows the 'Configuration' window with the 'Connections' tab selected. The settings are as follows:

Field	Value	Unit
<u>Initial Capacity:</u>	10	connections
<u>Maximum Capacity:</u>	20	connections
<u>Capacity Increment:</u>	1	connections
<u>Login Delay Seconds:</u>	0	seconds
<u>Refresh Period:</u>	2	minutes
<input checked="" type="checkbox"/> <u>Allow Shrinking</u>		
<u>Shrink Period:</u>	5	minutes

6. Enter the values shown in the above image and click **Apply**.
7. Click the **Testing** tab.

Installing eaMarket on the Application Server

The screenshot shows the 'Configuration' window with the 'Testing' tab selected. The 'Test Table Name' field contains 'tblUser'. The 'Test Reserved Connections' and 'Test Released Connections' checkboxes are both checked. There are warning icons next to each checkbox.

Configuration	Targets	Monitoring	Notes
General	Connections	Testing	

Test Table Name:

☒ **Test Reserved Connections**

☒ **Test Released Connections**

8. Enter `tblUser` for **TestTable Name**. Select the **Test Reserved Connections** and **Test Released Connections** check boxes.
9. Click **Apply**.
10. Click the **Targets** tab.

The screenshot shows the 'Configuration' window with the 'Targets' tab selected. The 'Servers' sub-tab is active. It displays two lists: 'Available' (empty) and 'Chosen' (containing 'myserver'). There are arrows between the lists to move servers. The 'Target Servers:' label is on the left. 'Reset' and 'Apply' buttons are at the bottom right.

Configuration	Targets	Monitoring	Notes
Servers	Clusters		

Target Servers:

Available

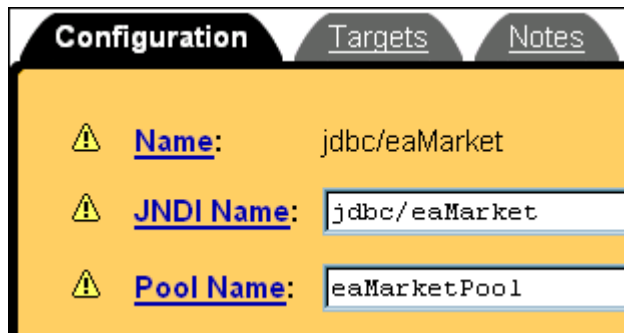
Chosen

myserver

Reset Apply

11. Select the eaMarket server (`myserver`) and click **Apply**.

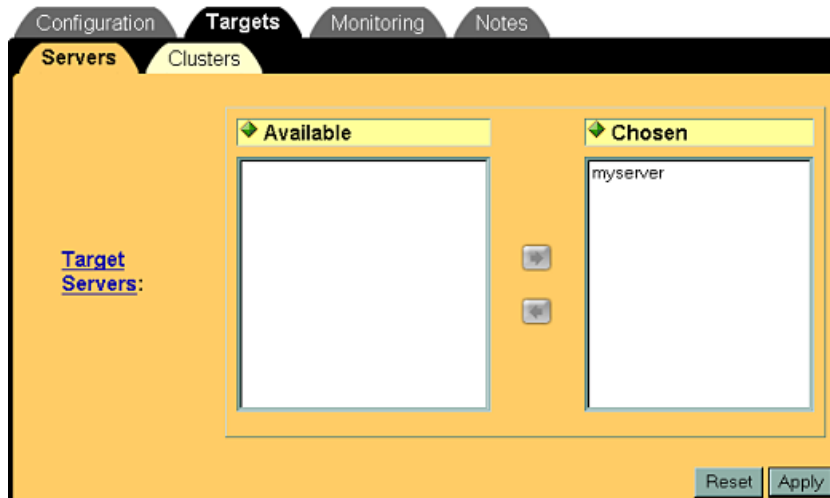
12. Select **Mydomain**, then **Services**, then **JDBC**, then **Data Sources**.
13. Click the **Create a new JDBC Data Source** link.



The screenshot shows the 'Configuration' tab of a configuration window. It has three sub-tabs: 'Configuration', 'Targets', and 'Notes'. The 'Configuration' tab is active. It contains three fields, each preceded by a yellow warning icon:

- Name:** jdbc/eaMarket
- JNDI Name:** jdbc/eaMarket
- Pool Name:** eaMarketPool

14. Enter the JNDI Name: **jdbc/eaMarket**. (Use the name given during installation for **JNDI Name**).
15. Enter the connection pool name that you gave in step 2 above.
16. Click **Create**.
17. Click the **Targets** tab.



The screenshot shows the 'Targets' tab of the same configuration window. It has four sub-tabs: 'Configuration', 'Targets', 'Monitoring', and 'Notes'. The 'Targets' tab is active. It contains two sub-tabs: 'Servers' and 'Clusters'. The 'Servers' sub-tab is active. It shows a 'Target Servers:' section with two lists: 'Available' and 'Chosen'. The 'Available' list is empty. The 'Chosen' list contains the text 'myserver'. There are two arrow buttons between the lists. At the bottom right, there are 'Reset' and 'Apply' buttons.

18. Select the required server and click **Apply**.

Configuring WebLogic 7.0 for eaMarket

To Create the Connection Pool

1. Login to the WebLogic console. For example:
`http://dusky:7001/console`
2. Select **Mydomain**, then **Services**, then **JDBC**, then **Connection Pools**. Click **Configure a new JDBC Connection Pool...**. A screen similar to the following appears:

The screenshot shows the 'Configure a new JDBC Connection Pool' dialog in the WebLogic console. The 'General' tab is active, showing the following configuration:










- Name:** eaMarket
- URL:** jdbc:weblogic:mssqlserver4:eam
- Driver Classname:** weblogic.jdbc.mssqlserver4.Driver
- Properties (key=value):** user=eamrkt, password=eamrkt
- ACLName:** (empty)
- Password:** (empty)
- Open String Password:** (empty)

A 'Create' button is located at the bottom right of the dialog.

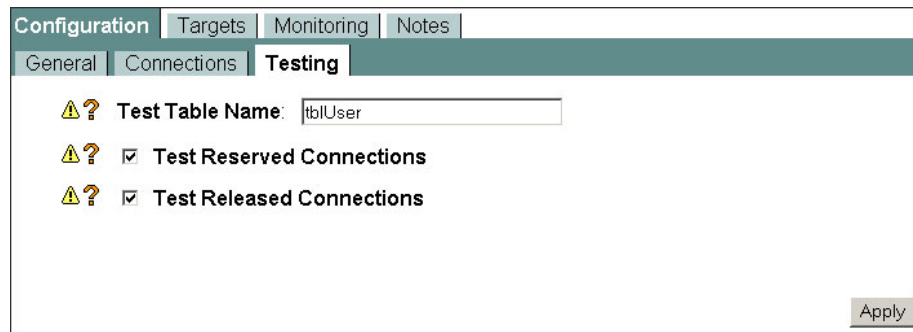
3. The parameters for this screen are described in the following table:

Field	Description
Name	This field shows the connection pool name you entered when creating this JDBC Connection Pool.
URL	URL for the database as specified by JDBC, of the form: jdbc:weblogic:mssqlserver4:<database name> @<Server_Name/IP>:<port> For example: jdbc:weblogic:mssqlserver4:eaMarketDB@eaMarketServer:1433
Driver class name	The name of the JDBC driver class, which is weblogic.jdbc.mssqlserver4.Driver .
Properties	Enter the following values: user=<user name> password=<password>

4. Click **Create**.
5. Click the **Connections** tab.

Configuration		Targets	Monitoring	Notes
General		Connections	Testing	
 ?	Initial Capacity:	<input type="text" value="10"/>		
 ?	Maximum Capacity:	<input type="text" value="20"/>		
 ?	Capacity Increment:	<input type="text" value="1"/>		
 ?	Login Delay Seconds:	<input type="text" value="0"/>	seconds	
 ?	Refresh Period:	<input type="text" value="2"/>	minutes	
 ?	<input type="checkbox"/> Supports Local Transaction			
 ?	<input checked="" type="checkbox"/> Allow Shrinking			
 ?	Shrink Period:	<input type="text" value="15"/>	minutes	
 ?	Prepared Statement Cache Size:	<input type="text" value="0"/>		
				<input type="button" value="Apply"/>

6. Enter the values shown in the above image and click **Apply**.
7. Click the **Testing** tab.



The screenshot shows the 'Testing' tab of a configuration window. The 'Test Table Name' field is set to 'tblUser'. Both 'Test Reserved Connections' and 'Test Released Connections' checkboxes are checked. An 'Apply' button is located at the bottom right.

Configuration	Targets	Monitoring	Notes
General	Connections	Testing	

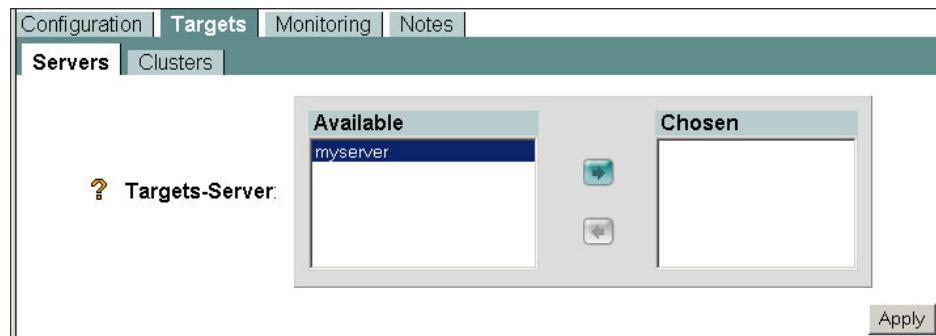
⚠️ ? **Test Table Name:**

⚠️ ? ☒ **Test Reserved Connections**

⚠️ ? ☒ **Test Released Connections**

Apply

8. Enter **tblUser** for **TestTable Name**. Select the **Test Reserved Connections** and **Test Released Connections** check boxes. Click **Apply**.
9. Click the **Targets** tab.



The screenshot shows the 'Targets' tab of a configuration window. The 'Targets-Server' section has a question mark icon. The 'Available' list contains 'myserver', and the 'Chosen' list is empty. Arrows between the lists allow moving items. An 'Apply' button is at the bottom right.

Configuration	Targets	Monitoring	Notes
Servers	Clusters		

⚠️ ? **Targets-Server.**

Available
myserver

➡️
⬅️

Chosen

Apply

10. Move the eaMarket server (**myserver**) to the Chosen column by clicking the arrow. Click **Apply**.
11. Select **Mydomain**, then **Services**, then **JDBC**, then **Data Sources**.
12. Click the **Create a new JDBC Data Source** link.

Configuration	Targets	Notes
<p>Name: eaMarket</p> <p>JNDI Name: <input type="text" value="jdbc/eaMarket"/></p> <p>Pool Name: <input type="text" value="eaMarket"/></p> <p><input type="checkbox"/> Emulate Two-Phase Commit for non-XA Driver</p> <p><input type="checkbox"/> Row Prefetch Enabled</p> <p>Row Prefetch Size: <input type="text" value="48"/></p> <p>Stream Chunk Size: <input type="text" value="256"/> bytes</p> <p style="text-align: right;">Apply</p>		

13. Enter **jdbc/eaMarket** as the JNDI name (use the name given during installation for the **JNDI Name**).
14. Enter the connection pool name that you gave in step 2 above. Click **Apply**.
15. Click the **Targets** tab.

Configuration	Targets	Notes						
<p>Servers Clusters</p> <p>Targets-Server:</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>Available</th> <th></th> <th>Chosen</th> </tr> </thead> <tbody> <tr> <td style="height: 50px;"></td> <td style="text-align: center;"> <input type="button" value="→"/> <input type="button" value="←"/> </td> <td>myserver</td> </tr> </tbody> </table> <p style="text-align: right;">Apply</p>			Available		Chosen		<input type="button" value="→"/> <input type="button" value="←"/>	myserver
Available		Chosen						
	<input type="button" value="→"/> <input type="button" value="←"/>	myserver						

16. Select the required server and click **Apply**.

To Deploy the eaMarket Application Archive on WebLogic 6.1

1. Select **Mydomain**, then **Deployments**, then **Applications**.

2. Click **Install a new Application**. The following screen appears:

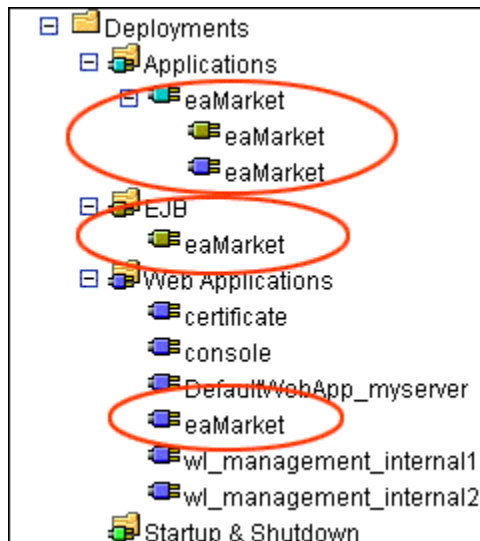
Upload and Install an Application

Click on the 'browse' button below to locate an application archive on your local hard drive. When you have located the file, click 'upload' to install it on this WebLogic Administration Server. The following types of application files may be uploaded:

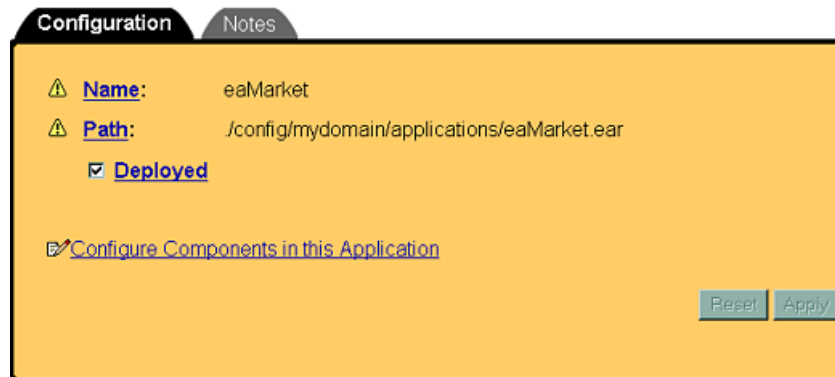
- A **.jar** containing EJBs (Enterprise Java Beans)
- A **.war** (Web Application Archive) containing JSPs and Servlets
- An **.ear** (J2EE Enterprise Application Archive) containing both EJBs and web applications

Note: if you browse for the file, you may have to adjust the file-type filter to 'All' in order to find .jar, .war, and .ear files.

3. Click **Browse** and go to the `<eaMarket_install>\J2EEApps\weblogic` folder. Select the **eaMarket.ear** file and click **Upload**.
4. Verify that the **Deployments** tree has the following eaMarket entries.



5. Select **Deployments**, then **Applications**, then **eaMarket**. The following screen appears:



6. Verify that **Deployed** is selected. If not, select it and click **Apply**.
7. Select **Deployment**, then **Application**, then **eaMarket**, then **eaMarket** (for *eaMarket.war*).

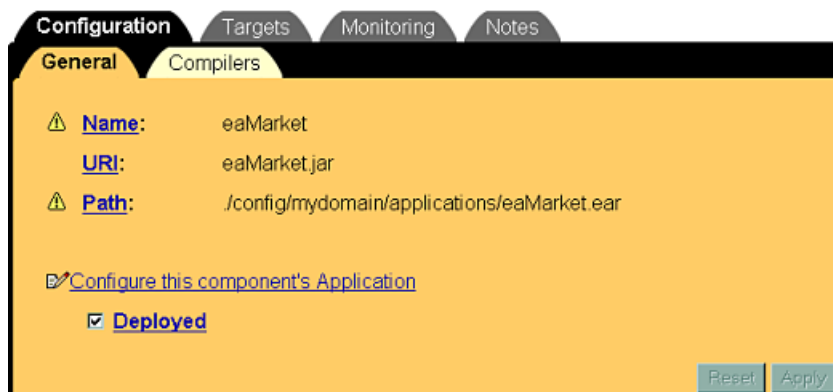


8. Verify that **Deployed** is selected. If not, select it and click **Apply**.

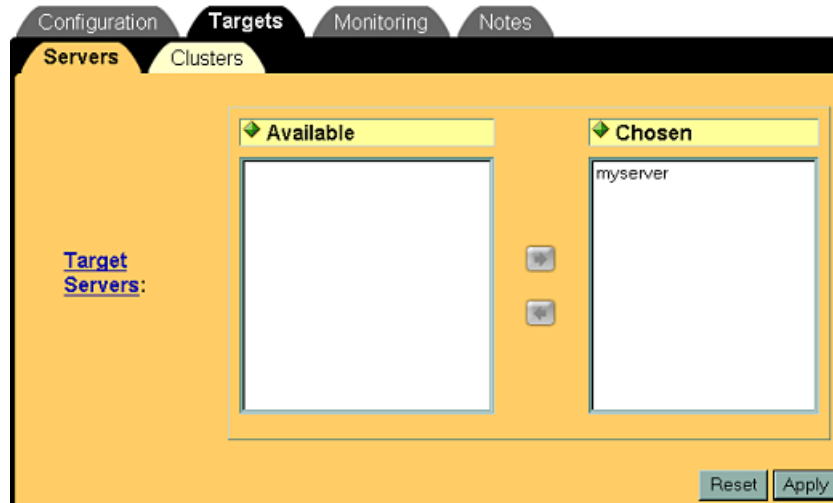
- Click the **Targets** tab and verify that the required server is selected. If not, click on the arrow to move it to the **Chosen** column, and click **Apply**.



- Select **Deployment**, then **Application**, then **eaMarket**, then **eaMarket** (for *eaMarket.jar*).



- Verify that **Deployed** is selected. If not, select it and click **Apply**.
- Click the **Targets** tab and verify that the required server is selected. If not, click on the arrow to move it to the **Chosen** column, and click **Apply**.

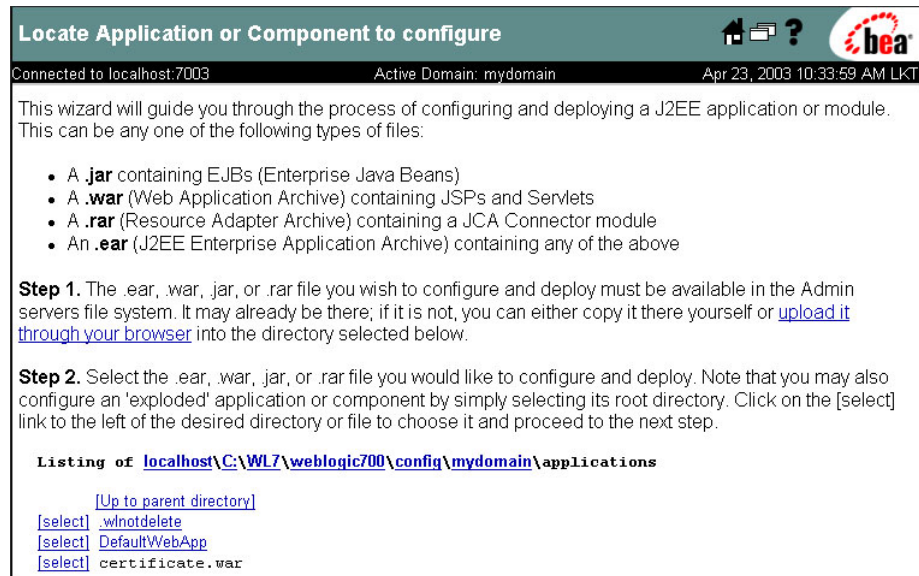


13. Restart the WebLogic server.

To Deploy the eaMarket Application Archive on WebLogic 7.0

1. Select **Mydomain**, then **Deployments**, then **Applications**.

2. Click **Install a new Application**. The following screen appears:



3. Click the **upload it through your browser** link.



You must copy the .ear file from the eaMarket application server in the `<eaMarket_install>\J2EEApps\weblogic` directory to the system you are running the browser on in order to locate the .ear file.

4. The following screen appears:

Install or Update an Application

Connected to localhost:7003 Active Domain: mydomain Apr 23, 2003 10:35:40 AM LKT

Upload and Install an Application

Click on the 'browse' button below to locate an application archive on the machine from which you are browsing. When you have located the file, click 'upload' to install it on this WebLogic Administration Server. The following types of application files may be uploaded:

- A **.jar** containing EJBs (Enterprise Java Beans)
- A **.war** (Web Application Archive) containing JSPs and Servlets
- A **.rar** (Resource Adapter Archive) containing a JCA Connector module
- An **.ear** (J2EE Enterprise Application Archive) containing any of the above

Note: if you browse for the file, you may have to adjust the file-type filter to 'All' in order to find .jar, .war, .rar and .ear files.

5. Click **Browse** and go to the `<eaMarket_Install>\J2EEApps\weblogic` folder. Select the **eaMarket.ear** file and click **Upload**. The previous screen will appear with the eaMarket.ear file at the bottom.

Step 2. Select the .ear, .war, .jar, or .rar file you would like to configure and deploy. Note that you may also configure an 'exploded' application or component by simply selecting its root directory. Click on the [select] link to the left of the desired directory or file to choose it and proceed to the next step.

Listing of [localhost\C:\WL7\weblogic700\config\mydomain\applications](#)

[\[Up to parent directory\]](#)


[\[select\]](#) [.winotdelete](#)

[\[select\]](#) [DefaultWebApp](#)

[\[select\]](#) [certificate.war](#)

[\[select\]](#) [eaMarket.ear](#)

6. Click the **select** link next to eaMarket.ear. The following screen appears:



Configure Application or Component 

Connected to localhost:7003 Active Domain: mydomain Apr 23, 2003 10:37:02 AM LKT

Step 3. You have chosen to configure

C:\WL7\weblogic700\config\mydomain\applications\eaMarket.ear

Select the Servers and/or Clusters on which you would like to deploy this application initially. (You can reconfigure deployment targets later if you wish).

Available Servers		Target Servers
myserver		
		

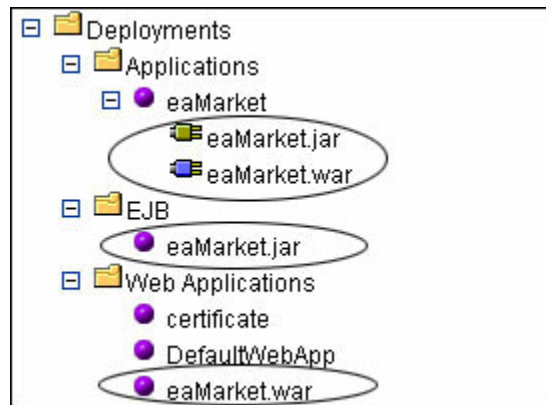
Step 4. Enter a name for this application.

eaMarket

Step 5. Press 'Configure and Deploy' to configure and deploy the application, or 'Cancel' to leave the Domain unchanged.

7. Move the eaMarket server (**myserver**) to the Target Servers column by clicking the arrow.

8. Click **Configure and Deploy**.
9. Verify that the **Deployments** tree has the following eaMarket entries.



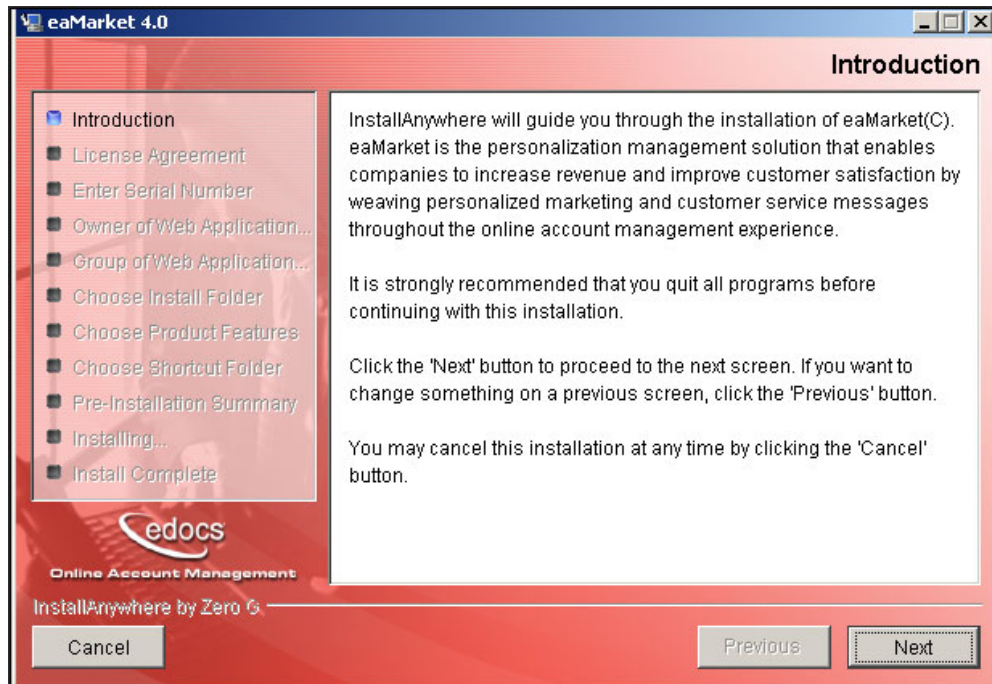
10. Restart the WebLogic server.

Installing eaMarket Integration Components for eaDirect

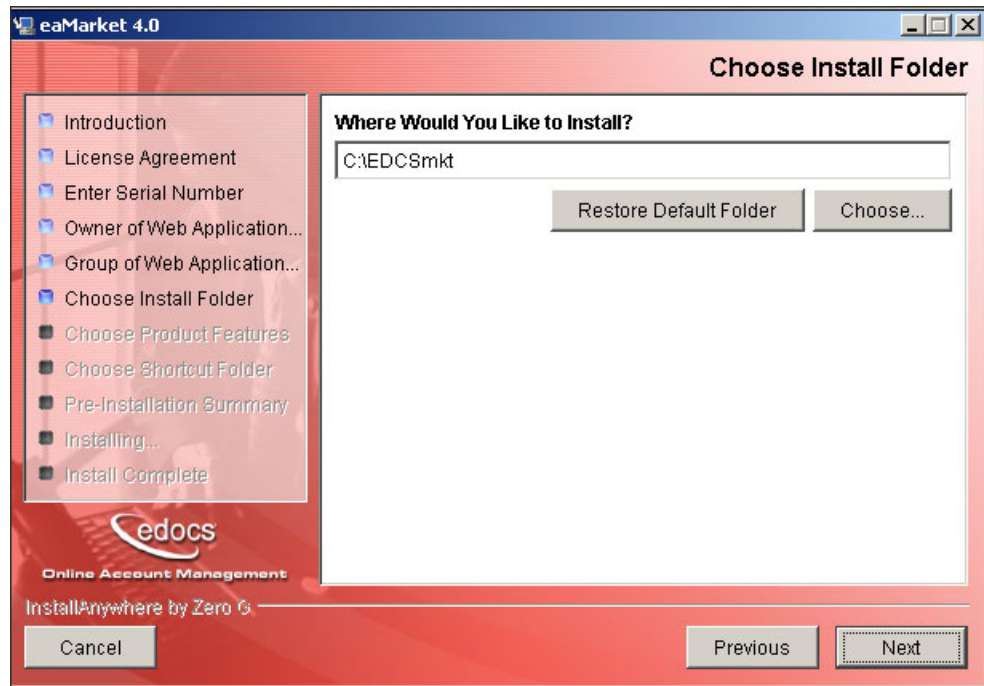
This section describes how to install the eaMarket components on the eaDirect application server, the *edocs - eaMarket Promotion Management System - Standalone Tracking Component*, and how to configure support for a non-clustered environment. This package should be installed on the eaDirect Application server for separate eaDirect and eaMarket servers. If eaMarket is installed on the same server as eaDirect, then this component does not need to be installed on that server.

Running the Installation Program

1. Run the eaMarket Setup program. The eaMarket installation wizard appears.

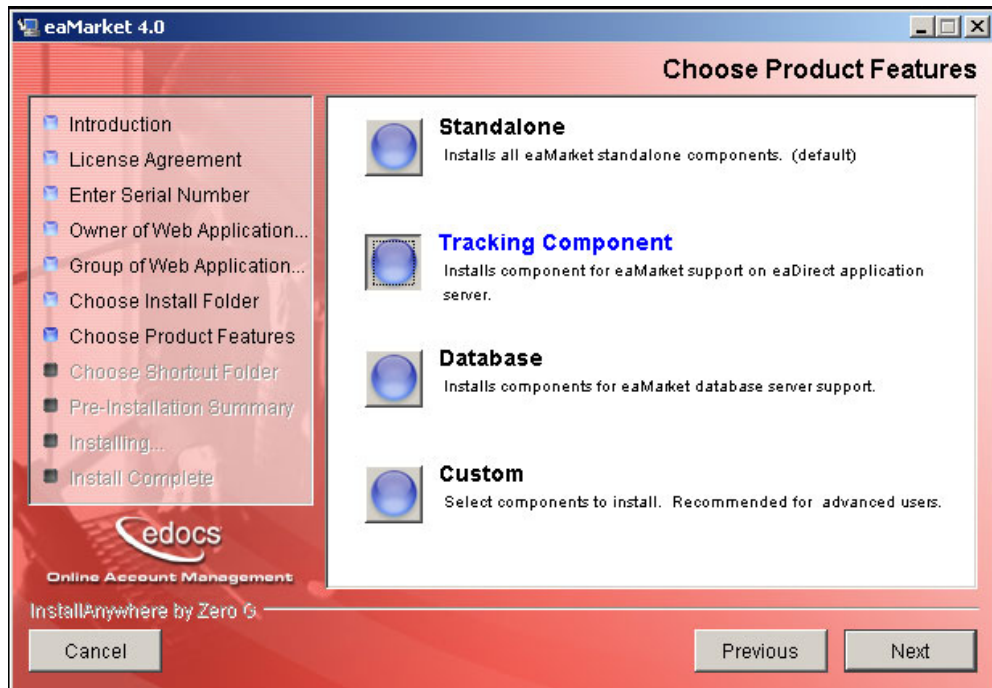


2. Click **Next**. The next wizard displays the license agreement. Accept the license agreement and click **Next**.
3. In the next wizard, enter the serial number and click **Next**. The next wizard appears.

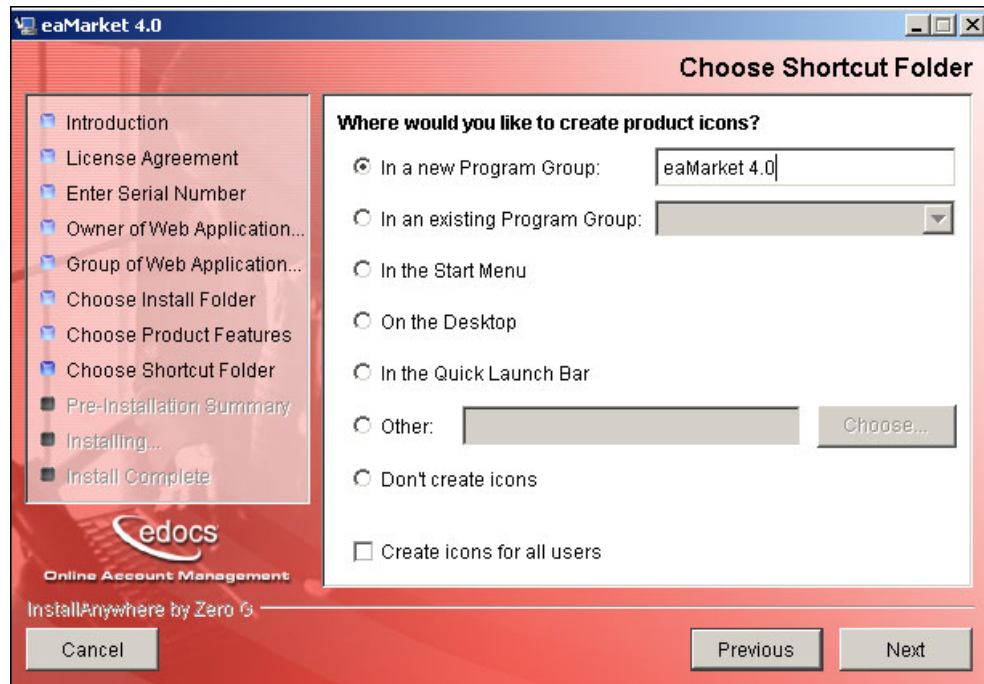


4. Enter the eaMarket installation folder. The default installation folder is *C:\EDCSmkt*.
5. Click **Next**. The next wizard appears.

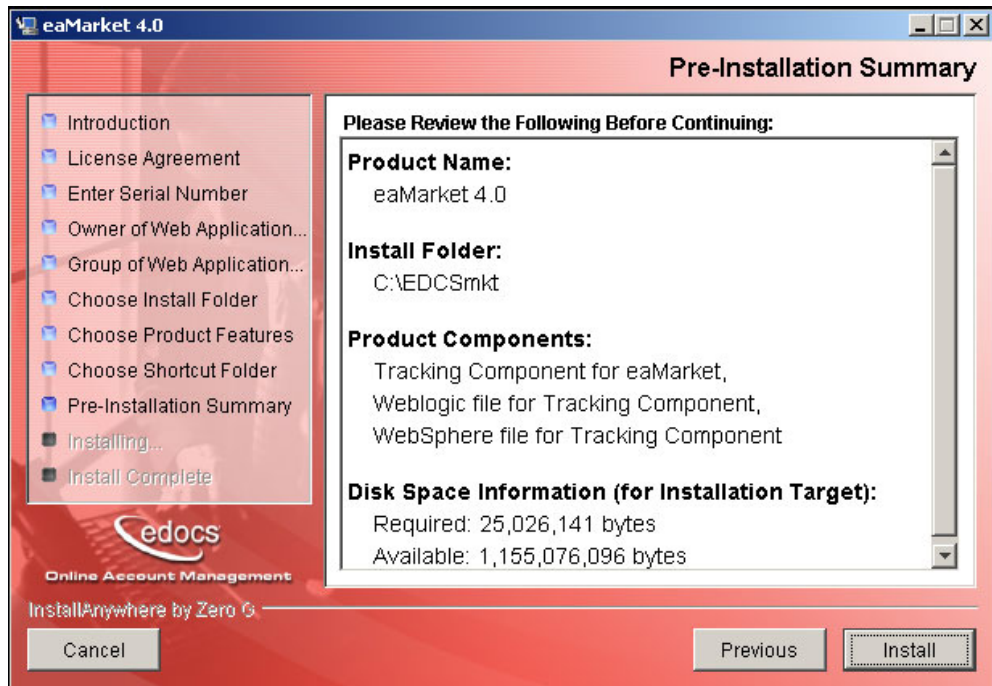
Installing eaMarket Integration Components for eaDirect



6. Select **Tracking Component** as the installation option and click **Next**. The next wizard appears.



7. Specify where the product icons should be created and click **Next**. The next wizard appears.



8. All the installation options you selected will be displayed. If necessary, click **Previous** and change any of the options, otherwise click **Install** to start the installation.

Configuring the eaMarket Integration Components for eaDirect

Configuring the eaMarket integration components consists of updating the WebLogic startup script to add the necessary information to support WebLogic, and deploying the eaMarket Tracking application in WebLogic.

To Update the Startup Script for WebLogic 6.1

1. Change the working directory to the WebLogic domain directory. For example:

```
cd c:\bea\wlserver6.1\config\mydomain\
```

2. Open **startWebLogic.cmd** with a text editor.
3. Add the following to the CLASSPATH:

```
<eaMarket_install>\lib\crimson.jar  
<eaMarket_install>\lib\jaxp.jar
```

The following example shows the CLASSPATH where eaMarket is installed in *C:\EDCSmkt*:

```
CLASSPATH=.;C:\EDCSmkt\Lib\crimson.jar;C:\EDCSmkt\Lib\ja  
xp.jar;.\lib\weblogic_sp.jar;.\lib\weblogic.jar
```



Caution

The paths for *crimson.jar*, *jaxp.jar*, must be set before any WebLogic *.jar* files.

4. Add the following parameter to the Java Options section:

```
-DPROPDIR=<eaMarket_install>
```

For example:

```
"%JAVA_HOME%\bin\java" %JAVA_OPTIONS%  
-classpath %CLASSPATH%  
-Dweblogic.Domain=mydomain  
-Dweblogic.Name=myserver "  
-Dbea.home=C:\bea" "-Djava.security.policy==  
C:\bea\wlserver6.1/lib/weblogic.policy"  
-DPROPDIR=C:\EDCSmkt  
-Dweblogic.management.password=weblogic weblogic.Server
```



Caution

These properties should be inserted before:

```
-Dweblogic.management.password=%WLS_PW%
```

5. Save and close the file.

To Update the WebLogic 7.0 Startup Script

1. Change the working directory to the WebLogic domain directory. For example:

```
cd c:\bea\WebLogic700\config\mydomain\
```

2. Open **startWebLogic.cmd** with a text editor.
3. Add the following to the CLASSPATH:

```
<eaMarket_install>\lib\crimson.jar  
<eaMarket_install>\lib\jaxp.jar
```

The following example shows the CLASSPATH where eaMarket is installed in *c:\EDCSmkt*:

```
CLASSPATH=.;c:\EDCSmkt\Lib\crimson.jar;c:\EDCSmkt\Lib\ja  
xp.jar;C:\bea\WebLogic700\lib\weblogic_sp.jar;.\lib\webl  
ogic.jar
```



Caution

The paths for *crimson.jar*, *jaxp.jar*, must be set before any WebLogic *.jar* files.

4. Add the following parameter to the Java Options section:

```
-DPROPDIR=<eaMarket_install>
```

For example:

```
"%JAVA_HOME%\bin\java" %JAVA_OPTIONS%  
-classpath %CLASSPATH%  
-Dweblogic.Domain=mydomain  
-Dweblogic.Name=myserver "  
-Dbea.home=C:\bea\WebLogic700" "-Djava.security.policy==  
C:\bea\WebLogic700\lib\weblogic.policy"  
-DPROPDIR=C:\EDCSmkt  
Dweblogic.management.password=weblogic weblogic.Server
```



Caution

These properties should be inserted before:

```
-Dweblogic.management.password=%WLS_PW%
```

5. Save and close the file.

To Modify the eaMarket.config File

1. Go to the eaMarket installation folder and open the `eaMarket.config` file.

2. Change the parameters to the following values:

```
configPath=<eaMarket installation folder>
tracker.eaMarketURL=http://<serverName or IP>:<port>
tracker.trackerLogFileName=<eaMarket installation
folder>\temp\eaMarket.log
tracker.trackRecorderName=<eaMarket installation
folder>\temp\eaMarket.track
webInterface.pathFileUpload=<eaMarket installation
folder>\temp
fileCachePath=<eaMarket installation folder>\temp\
tempPath=<eaMarket installation folder>\temp\
For example:
configPath=C:\EDCSmkt
tracker.eaMarketURL=http://10.2.1.155:7001
tracker.trackerLogFileName=C:\EDCSmkt\temp\eaMarket.log
tracker.trackRecorderName=C:\EDCSmkt\temp\eaMarket.track
webInterface.pathFileUpload=C:\EDCSmkt\temp
fileCachePath=C:\EDCSmkt\temp\
tempPath=C:\EDCSmkt\temp\
```

3. Save and close the file.

To Modify the edx_mwi.config.bat File for eaDirect

1. Go to the <eaDirect installation folder>\Config folder and open the **edx_mwi.config.bat** file.
2. Change the value of the -Dedx.web.public parameter to the web root folder in WebLogic as follows:

```
@set JAVA_OPTIONS=%JAVA_OPTIONS% -Dedx.web.public=<web
root folder>
```

Example for WebLogic 6.1:

```
@set JAVA_OPTIONS=%JAVA_OPTIONS% -Dedx.web.public=
c:\bea\wlserver6.1\config\mydomain\applications\DefaultW
ebApp
```

Example for WebLogic 7.0:

```
@set JAVA_OPTIONS=%JAVA_OPTIONS% -
Dedx.web.public=C:\bea\weblogic700\config\mydomain\appli
cations\DefaultWebApp\
```

3. Save and close the file.

To Deploy the eaMarket Web Archive File on WebLogic 6.1

1. Select **Mydomain**, then **Deployments**, then **Applications**.
2. Click **Install a new Application**. The following screen appears:

Upload and Install an Application

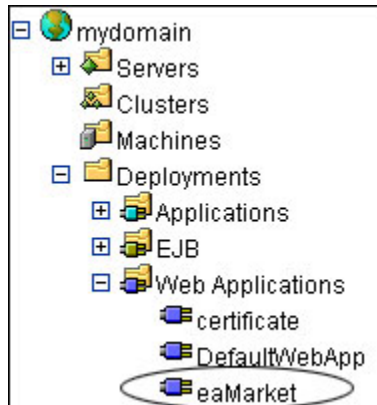
Click on the 'browse' button below to locate an application archive on your local hard drive. When you have located the file, click 'upload' to install it on this WebLogic Administration Server. The following types of application files may be uploaded:

- A **.jar** containing EJBs (Enterprise Java Beans)
- A **.war** (Web Application Archive) containing JSPs and Servlets
- An **.ear** (J2EE Enterprise Application Archive) containing both EJBs and web applications

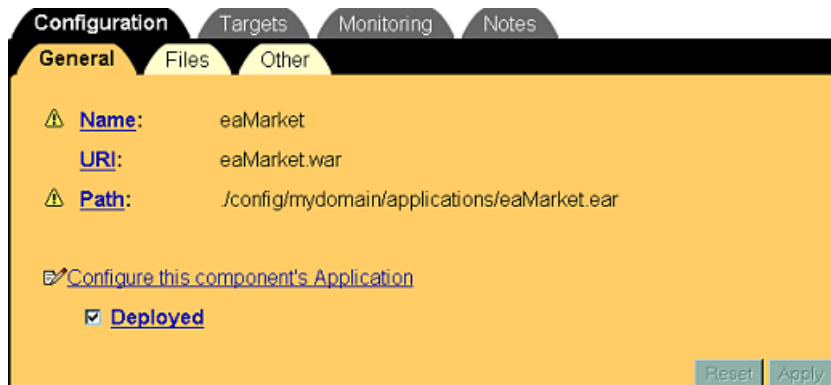
Note: if you browse for the file, you may have to adjust the file-type filter to 'All' in order to find .jar, .war, and .ear files.

3. Click **Browse** and go to the `<eaMarket_install>\J2EEApps\weblogic` folder. Select the **eaMarket.war** file and click **Upload**.

4. Verify that the **Deployments** tree has the following eaMarket entries.

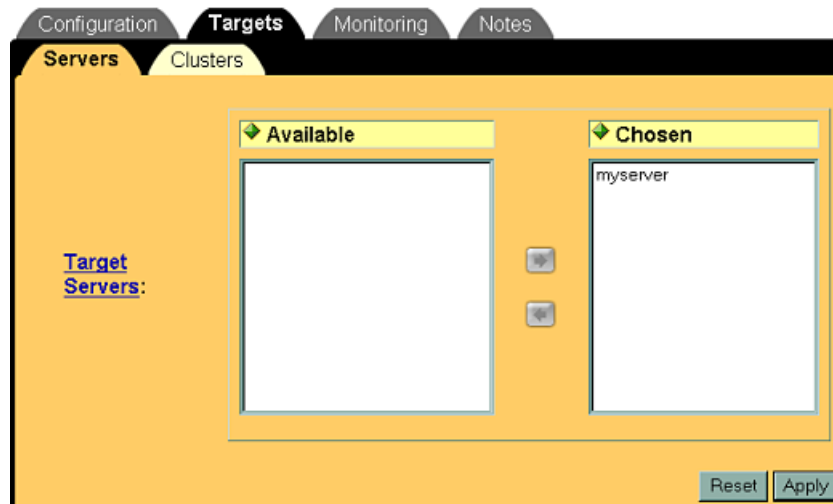


5. Select **Deployments**, then **Applications**, then **eaMarket**. The following screen appears:



6. Verify that **Deployed** is selected. If not, select it and click **Apply**.

7. Click the **Targets** tab and verify that the required server is selected. If not, click on the arrow to move it to the **Chosen** column, and click **Apply**.

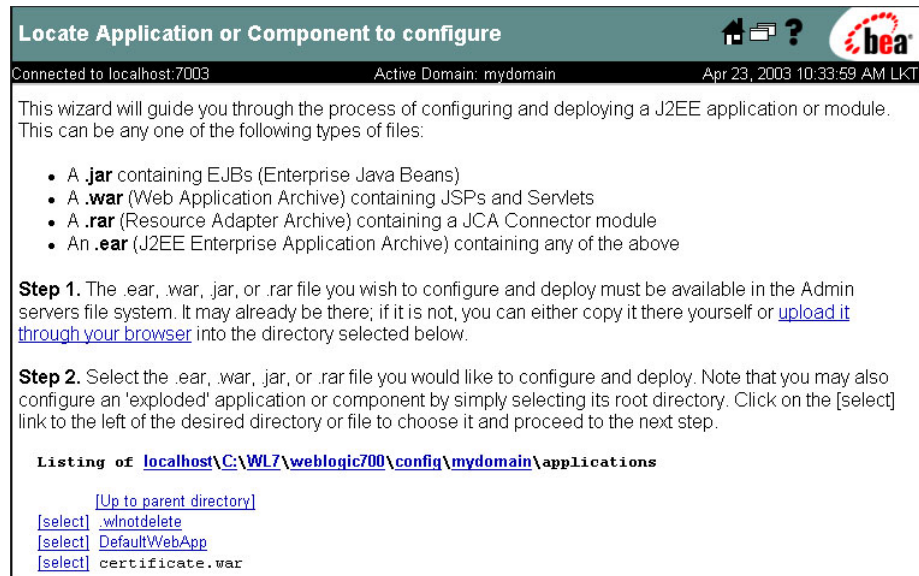


8. Restart the WebLogic server.

To Deploy the eaMarket Web Archive File on WebLogic 7.0

1. Select **Mydomain**, then **Deployments**, then **Applications**.

2. Click **Install a new Application**. The following screen appears:



3. Click the **upload it through your browser** link.



Tip

You must copy the .ear file from the eaMarket application server in the `<eaMarket_install>\J2EEApps\weblogic` directory to the system you are running the browser on in order to locate the .ear file.

4. The following screen appears:

Install or Update an Application

Connected to localhost:7003
Active Domain: mydomain
Apr 23, 2003 10:35:40 AM LKT

Upload and Install an Application

Click on the 'browse' button below to locate an application archive on the machine from which you are browsing. When you have located the file, click 'upload' to install it on this WebLogic Administration Server. The following types of application files may be uploaded:

- A **.jar** containing EJBs (Enterprise Java Beans)
- A **.war** (Web Application Archive) containing JSPs and Servlets
- A **.rar** (Resource Adapter Archive) containing a JCA Connector module
- An **.ear** (J2EE Enterprise Application Archive) containing any of the above

Note: if you browse for the file, you may have to adjust the file-type filter to 'All' in order to find .jar, .war, .rar and .ear files.

- Click **Browse** and go to the `<eaMarket_Install>\J2EEApps\weblogic` folder. Select the **eaMarket.war** file and click **Upload**. The previous screen will appear with the eaMarket.war file at the bottom.

Step 2. Select the .ear, .war, .jar, or .rar file you would like to configure and deploy. Note that you may also configure an 'exploded' application or component by simply selecting its root directory. Click on the [select] link to the left of the desired directory or file to choose it and proceed to the next step.

Listing of `localhost\c:\wl7\weblogic700\config\mydomain\applications`

[\[Up to parent directory\]](#)
[\[select\] .wlnotdelete](#)
[\[select\] DefaultWebApp](#)
[\[select\] certificate.war](#)
[\[select\] eaMarket.war](#)

- Click the **select** link next to eaMarket.war. The following screen appears:



Configure Application or Component

Connected to localhost:7003 Active Domain: mydomain Apr 23, 2003 10:37:02 AM LKT

Step 3. You have chosen to configure

C:\WL7\weblogic700\config\mydomain\applications\eaMarket.war

Select the Servers and/or Clusters on which you would like to deploy this application initially. (You can reconfigure deployment targets later if you wish).

Available Servers		Target Servers
myserver		
		

Step 4. Enter a name for this application.

eaMarket

Step 5. Press 'Configure and Deploy' to configure and deploy the application, or 'Cancel' to leave the Domain unchanged.

- Move the eaMarket server (**myserver**) to the Target Servers column by clicking the arrow.
- Click **Configure and Deploy**.
- Verify that the **Deployments** tree has the following eaMarket entries.



- Restart the WebLogic server.

Post Installation

5

Starting the Agents

Follow the instructions below to start the agents:

1. Open a command prompt and go to eaMarket installation folder. For example:

```
cd C:\EDCSmkt
```

2. Open the **wl_eam_init** file and enter the appropriate values for the following environment variables:

Given below is an example for WebLogic 6.1:

```
SET WL_DOMAIN=C:\bea\wlserver6.1\config\mydomain
```

```
SET EAM_HOME=C:\EDCSmkt
```

```
SET EAM_DATASOURCE=jdbc\eaMarket
```

```
SET PROVIDER_URL= t3://localhost:7001
```

Given below is an example for WebLogic 7.0:

```
SET WL_DOMAIN=C:\bea\weblogic700\config\mydomain
```

```
SET EAM_HOME=C:\EDCSmkt
```

```
SET EAM_DATASOURCE=jdbc\eaMarket
```

```
SET PROVIDER_URL= t3://localhost:7001
```

3. Save and close the file.

4. Run the `wl_eam_init` script by typing its name at the command prompt.

Configuring a Data Store for eaMarket

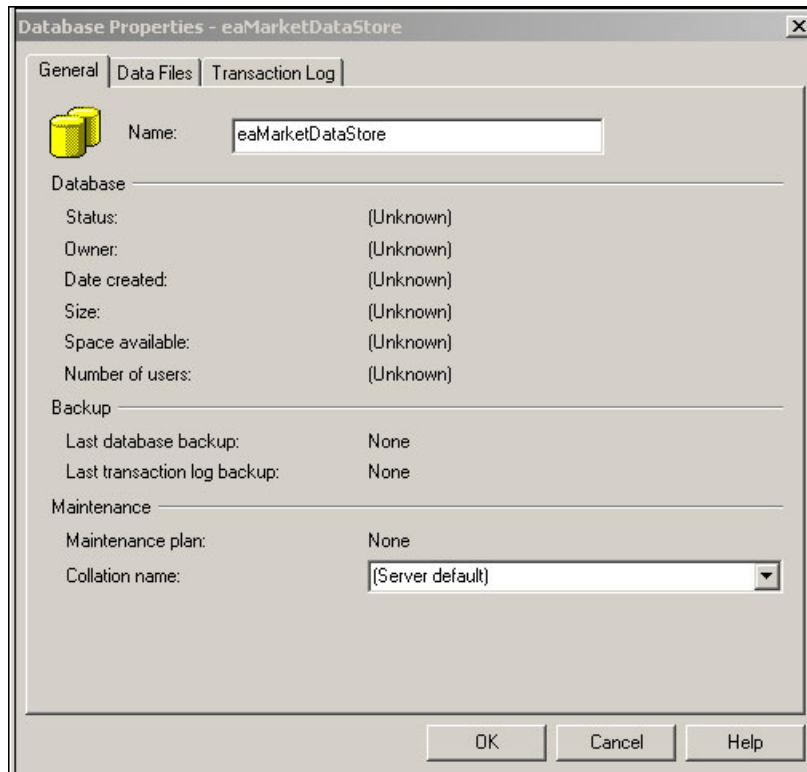
A database must be created for storing content used by eaMarket. Creating an eaMarket Data Store consists of:

- On the database server, you must create a new database login and a new database.
- On the eaMarket server, you must configure a WebLogic JDBC Connection Pool, Data Source and User to connect to that database user and database, and then create a Data Store in eaMarket.

To Create the Database User

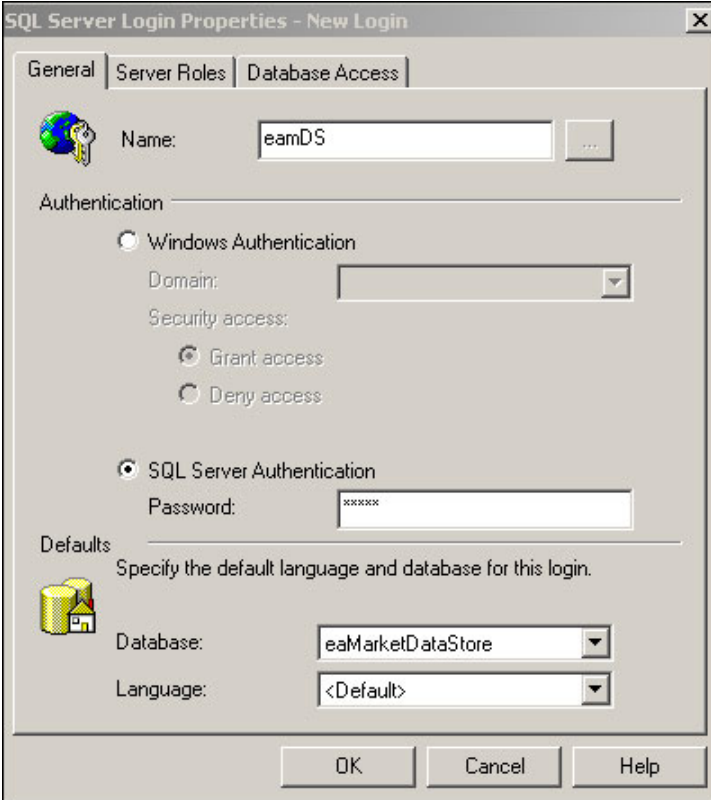
Ask your DBA to create a login and (optionally) a database for eaMarket to store promotional information. The steps for creating a new user and database using the SQL Server Enterprise Manager are given below.

1. Create database by selecting **Databases** under your database server on the tree, and then selecting **Action**, then **New Database** from the menu. A dialog box similar to the following appears:



2. Enter a name for the database you plan to use for the eaMarket Data Store.

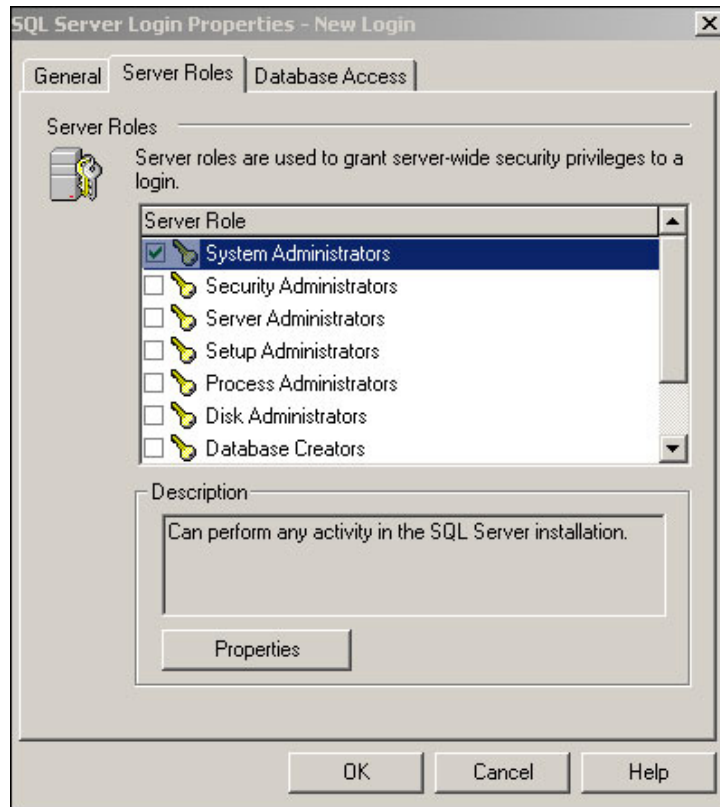
3. Create a login by selecting **Logins** under **Security** in the tree, and then selecting **Action**, then **New Login**. A dialog box similar to the following appears:



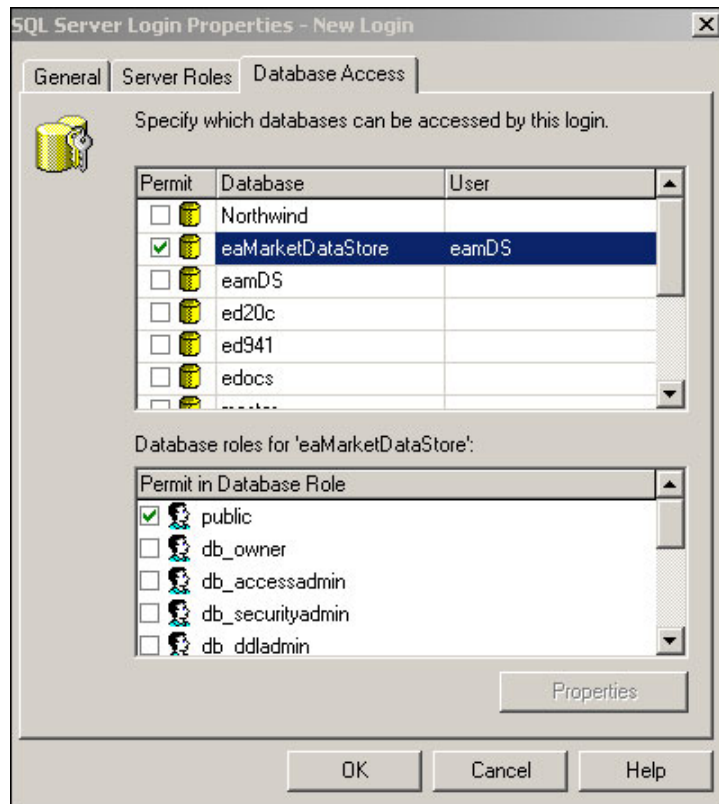
The image shows the 'SQL Server Login Properties - New Login' dialog box. It has three tabs: 'General', 'Server Roles', and 'Database Access'. The 'General' tab is active. It contains a 'Name' field with the value 'eamDS'. Below this is the 'Authentication' section with two radio buttons: 'Windows Authentication' (unselected) and 'SQL Server Authentication' (selected). Under 'Windows Authentication' are 'Domain' and 'Security access' (with 'Grant access' selected). Under 'SQL Server Authentication' is a 'Password' field with masked characters. At the bottom is the 'Defaults' section with a 'Database' dropdown set to 'eaMarketDataStore' and a 'Language' dropdown set to '<Default>'. 'OK', 'Cancel', and 'Help' buttons are at the bottom right.

4. Enter the Login name, select **SQL Server Authentication**, enter the password, and choose the database you created in the previous step.

5. Click the **Server Roles** tab. The following dialog box appears:



6. Select the **System Administrator** server role and then click the **Database Access** tab. The following dialog box appears:



7. Select the eaMarket Data Store database. The only database role required is **public**.
8. Click **OK** and the database setup will be completed.

To Configure WebLogic 6.1 for the Data Store

Log on to the WebLogic console, and follow the steps given below.

Configuring the JDBC Connection Pool

1. Select **JDBC**, then **Connection Pools** and then click **Create a New Connection Pool**.

The screenshot shows the 'Create a New Connection Pool' dialog in the WebLogic console. The 'General' tab is active. The fields are filled with the following values:

- Name:** eaMarketDS1
- URL:** jdbc:weblogic:mssqlserver4:eaM
- Driver Classname:** weblogic.jdbc.mssqlserver4.Driver
- Properties (key=value):** user=eamDS, password=eamDS
- ACLName:** (empty)

2. Enter the following values:

Parameter	Description
Name	Enter a name for the connection to the datastore.
URL	Enter jdbc:weblogic:mssqlserver4:<database name>@<database server name>:<port>. For example: <code>jdbc:weblogic:mssqlserver4:eaMarketDataStore@eam_demo:1433</code>

Parameter	Description
Driver Classname	weblogic.jdbc.mssqlserver4.Driver
Properties	user=eamDS password=eamDS These should be the same values given when creating the database login used for the Data Store.

- Click **Create**.
- Select the **Connections** tab.

The screenshot shows the 'Connections' configuration tab. The settings are as follows:

- Initial Capacity:** 5 connections
- Maximum Capacity:** 20 connections
- Capacity Increment:** 1 connections
- Login Delay Seconds:** 0 seconds
- Refresh Period:** 2 minutes
- Allow Shrinking:** ☒
- Shrink Period:** 5 minutes

- Enter the values shown in the above image and click **Apply**. Then click the **Testing** tab:

Configuration Targets Monitoring Notes

General Connections **Testing**

⚠ Test Table Name:

⚠ ☒ Test Reserved Connections

⚠ ☒ Test Released Connections

Reset Apply

6. Enter the values shown in the above image, and click **Apply**.
7. Click the **Targets** tab, and move your eaMarket server (for example, **myserver**) from the **Available** to the **Chosen** column.

Configuring the JDBC Data Source

1. Select **JDBC**, then **Data Sources** and click **Create New JDBC Datasource**:

Configuration Targets Notes

⚠ Name: eaMarketDataStore

⚠ JNDI Name:

⚠ Pool Name:

Reset Apply

2. Enter the following values:

Parameter	Description
Name	Enter a name for this Data Source. For example: eaMarketDataStore
JNDI Name	jdbc/<database tablespace name>. For example: jdbc/ds1
Pool Name	Enter the name of the JDBC Connection Pool configured in the previous section. For example: eaMarketDS1

3. Click **Create**. Then click the **Targets** tab, and move your eaMarket server (for example, **myserver**) from the **Available** to the **Chosen** column.

To Configure WebLogic 7.0 for the Data Store

Log on to the WebLogic console, and follow the steps given below.

Configuring the JDBC Connection Pool

1. Select **JDBC**, then **Connection Pools** and then click **Create a New Connection Pool**.

The screenshot shows the 'Create a New Connection Pool' dialog box in the WebLogic console. The 'General' tab is active, displaying the following configuration fields:

- Name:** eamDS
- URL:** jdbc:weblogic:mssqlserver4:eaMi
- Driver Classname:** weblogic.jdbc.mssqlserver4.Driver
- Properties (key=value):** user=eamDS, password=eamDS
- ACLName:** (empty field)
- Password:** (empty field)
- Open String Password:** (empty field)

A 'Create' button is located at the bottom right of the dialog.

2. Enter the following values:

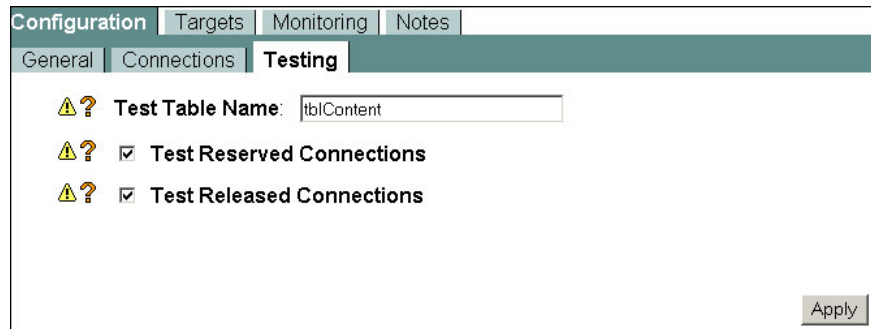
Parameter	Description
Name	Enter a name for the connection to the data store. For example: eamDS .
URL	Enter jdbc:weblogic:mssqlserver4:<database name>@<database server name>:<port>. For example: jdbc:weblogic:mssqlserver4:eaMarketDataStore@eam_demo:1433
Driver Classname	weblogic.jdbc.mssqlserver4.Driver
Properties	user=eamDS password= eamDS The user and password are the ones you specify when creating the database login used for the Data Store

3. Click **Create**.

4. Select the **Connections** tab.

Configuration		Targets	Monitoring	Notes
<div> <div>General</div> <div>Connections</div> <div>Testing</div> </div>				
	Initial Capacity:	<input type="text" value="10"/>		
	Maximum Capacity:	<input type="text" value="20"/>		
	Capacity Increment:	<input type="text" value="1"/>		
	Login Delay Seconds:	<input type="text" value="0"/>	seconds	
	Refresh Period:	<input type="text" value="2"/>	minutes	
	<input type="checkbox"/> Supports Local Transaction			
	<input checked="" type="checkbox"/> Allow Shrinking			
	Shrink Period:	<input type="text" value="15"/>	minutes	
	Prepared Statement Cache Size:	<input type="text" value="0"/>		
<input type="button" value="Apply"/>				

5. Enter the values shown in the above image and click **Apply**. Then click the **Testing** tab:



The screenshot shows the 'Testing' tab of a configuration window. The 'Test Table Name' field is set to 'tblContent'. Both 'Test Reserved Connections' and 'Test Released Connections' checkboxes are checked. An 'Apply' button is located at the bottom right.

Configuration	Targets	Monitoring	Notes
General	Connections	Testing	

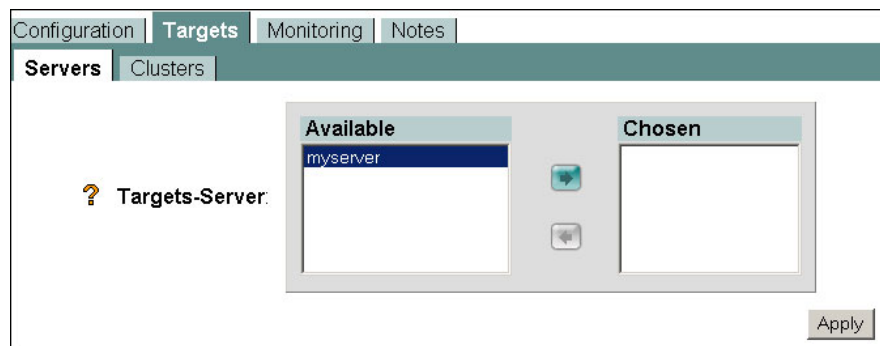
⚠️ Test Table Name:

⚠️ ☒ Test Reserved Connections

⚠️ ☒ Test Released Connections

Apply

6. Enter **tblContent** for **TestTable Name**. Select the **Test Reserved Connections** and **Test Released Connections** check boxes. Click **Apply**.
7. Click the **Targets** tab.



The screenshot shows the 'Targets' tab of a configuration window. The 'Targets-Server' field is empty. The 'Available' list contains 'myserver'. The 'Chosen' list is empty. An 'Apply' button is located at the bottom right.

Configuration	Targets	Monitoring	Notes
Servers	Clusters		

⚠️ Targets-Server:

Available		Chosen
myserver	→	

Apply

8. Move the eaMarket server (**myserver**) to the Chosen column by clicking the arrow. Click **Apply**.

Configuring the JDBC Data Source

1. Select **JDBC**, then **Data Sources** and click **Create New JDBC Datasource**:

Configuration | Targets | Notes

⚠️ ? Name:

⚠️ ? JNDI Name:

⚠️ ? Pool Name:

⚠️ ? ☐ Row Prefetch Enabled

⚠️ ? Row Prefetch Size:

⚠️ ? Stream Chunk Size: bytes

Create

2. Enter the following values:

Parameter	Description
Name	Enter a name for this Data Source. For example: eamDS .
JNDI Name	jdbc/<database tablespace name>. For example: jdbc/eamDS
Pool Name	Enter the name of the JDBC Connection Pool configured in the previous section. For example: eamDS

3. Click **Apply**. Then click the **Targets** tab.

Configuration | Targets | Notes

Servers | Clusters

⚠️ ? Targets-Server:

Available: myserver

Chosen:

Apply

4. Move your eaMarket server (for example, **myserver**) from the Available to the Chosen column. Click **Apply**.

To Create a Data Store in eaMarket

This step assumes that eaMarket has been setup on the database and (optionally) eaDirect servers.

1. Log in to eaMarket as the Administrator. For example:
http://<eaMarket Server>:<weblogic port>/eaMarket
2. Select **Administration**, then **Data Stores**.
3. Click **Add Data Store**.

Add Data Store

STEP 1 Data Store Information

Name: eamDS

Description: eaMarket DataStore

STEP 2 Select the type of database

☒ MS SQL Database ☐ Oracle Database

STEP 3 Specify the Data Source

JNDI Data Source name: jdbc/eamDS

Save Cancel Help

4. Enter the following information:

Area/Parameter	Description
Step 1	Enter a unique name, for example eamDS .
Step 2	Select MS SQL Database .

Area/Parameter	Description
Step 3	Specify the JNDI datasource: The JNDI Data Source Name matches the JNDI Name in the JDBC Data Source defined in WebLogic in the previous section.

Setting the Tracking Server

The location of the Tracking server for eaMarket must be configured in the eaMarket configuration page.

1. Connect to the eaMarket server giving the URL in the following format:
`http://<servername>:<port number>/eaMarket`
2. Login using **Administrator** as the user and **admin** as the password.
3. Click the **Administration** tab in the left navigation pane.
4. Click on the **eaMarket Preference** button and change the following parameters:
 - In the **Server Information** section, verify that the name of the server given in the **Server Information** field is correct.
 - In the Tracker section, for the **Tracker** option you may need to change the **Transfer track summary to the eaMarket server who's URL is** to the URL to the eaMarket server.
5. Click **Save**.
6. Once the changes are made, stop and start the WebLogic server.

Uninstalling eaMarket

When uninstalling eaMarket, you must remove the application from each server that you installed it on.

To Uninstall the eaMarket application components

1. Stop all eaMarket Services using `wl_eam_init` script
2. From the WebLogic console, undeploy the eaMarket.ear. Delete it through the WebLogic console and manually remove the file from the location to which they were deployed.

Example for WebLogic 6.1:

`C:\bea\wlserver6.1\config\mydomain\applications`

Example for WebLogic 7.0:

`C:\bea\weblogic7\wlserver700\config\mydomain\applications`

3. Delete the JDBC Connection Pool, JDBC Data Source created for eaMarket
4. From **Start**, then **Programs**, then **eaMarket**, run the Uninstall program.

The start menu path may be different, if you chose a different program group when installing eaMarket.

5. The InstallAnywhere wizard guides you through the uninstallation.

To Uninstall eaMarket Database Components

1. Go to the *<eaMarket installation folder>\Uninstall* folder and run the **Uninstall eaMarket.exe**.
2. The InstallAnywhere wizard guides you through the uninstallation.

To Uninstall eaMarket – eaDirect Integration Components

1. Stop all eaMarket Services using the `wl_eam_init` script

2. From the WebLogic console, undeploy the *eaMarket.war*. Delete it through the WebLogic console and manually remove the file from the location to which they were deployed.

Example for WebLogic 6.1:

C:\bea\wlserver6.1\config\mydomain\applications

Example for WebLogic 7.0:

C:\bea\weblogic7\wlserver700\config\mydomain\applications

3. Go to the *<eaMarket installation folder>\Uninstall* folder and run the **Uninstall eaMarket.exe**.
4. The InstallAnywhere wizard guides you through the uninstallation.