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Overview

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Overview

Before you can integrate any Epicor Distribution Suite products with your Prophet 21 system, you must install the Distribution Suite framework. The Distribution Suite framework consists of JBoss, JDK, and the Distribution Suite database. This framework supports communication between your production database and the central Distribution Suite servers.

This manual describes the process of installing and configuring the Distribution Suite framework for your production system. There are three parts to the installation.

- Setting up your server and database
- Installing the Distribution Suite components
- Configuring your Distribution Suite framework

The following chapter explains the process in detail with step-by-step instructions.

The Distribution Suite framework does not have a test mode at this time. You should set it up only for your production database. Otherwise, you may get test data into your production Distribution Suite system.
System Requirements

**System Requirements**

Before you can install the Epicor Distribution Suite software, review the following prerequisites.

- A server with SQL Server 2000 or better (SQL 2005 or better recommended) installed;
  You can use your Prophet 21 production database server; the server should use the TCP / IP protocol for connections (you can view and change protocols using the SQL Server Configuration Manager).
- A Windows server to install the EDS framework. The server must be part of your domain.
- An installed Prophet 21 version 12.5 or higher.
- A .NET Framework version 2.0 or higher on the server.
Setting Up Your Server and Database

To set up your server and database before you install the Distribution Suite framework, you must do the following:

- Create the Distribution Suite database
- Create two new logins for the Distribution Suite framework (one to access the Distribution Suite database, and one to access the Prophet 21 database)

These instructions use SQL Server 2008. For more information on how create databases or logins for other versions of SQL Server, please refer to SQL Server Books Online.

Create the EDS Database

1. Log into the server you want to use for your Distribution Suite database. This server may be your production database server or some other server you want to use for the Distribution Suite.

2. Open SQL Server Management Studio (Start > All Programs > Microsoft SQL Server 2008 > SQL Server Management Studio).

3. Log into your server.

4. Expand the instance on which you want to install Distribution Suite.

Note: You may have only one instance, depending on how you set up SQL Server.
5. Right-click the Databases node and select **New Database**.

6. Name your database. Epicor recommends using **EpicorDS**.

7. To accept the rest of the defaults, click **OK**. Your database is created.

After creating the database for the Distribution Suite, you need to create SQL Server logins for the Distribution Suite.
Create New Logins

The Distribution Suite framework must have access to both its own database (above), and also to your Prophet 21 production database.

1. Open the SQL Server Management Studio. (Start > All Programs > Microsoft SQL Server 2008 > SQL Server Management Studio).
2. Expand the server instance that contains your Distribution Suite database.
3. Right-click the Security node and select New > Login.
4. On the General page, give the login a name. Epicor recommends epicordsuser.
5. Select SQL Server authentication.
6. Enter a secure password for the login. The password should consist of alphanumeric characters only and can not contain special characters. Make sure you track this login and password as you normally track secure logins to the database, as you will need to specify this later.
7. Disable the Enforce Password Expiration check box.
8. Select EpicorDS as the default database. Your screen should look like the following:
Setting Up Your Server and Database

9. Select the **Server Roles** page.

10. Enable the **sysadmin** check box to give this login system administration privileges for the SQL Server.

11. Select the **User Mapping** page.

12. In the **User mapped to this** login area, select the **Map** check box to map **epicordsuser** to the Distribution Suite database.
13. Repeat Steps 3 - 15, except the login name should be *epicorp21user*, and the database should be your Prophet 21 production database.

After creating the SQL Server logins the Distribution Suite framework, you can install the Distribution Suite framework components.
Installing the Distribution Suite Framework

**Important:** The user installing the Distribution Suite must be part of the Windows domain.

The Distribution Suite framework components include JBoss, JDK, and the configuration tool. You do not have to worry about JBoss or JDK individual installations; this installation routine automatically installs them for you.

**Note:** Installing the Distribution Suite framework may require you to restart your server, so plan accordingly. If you are using your production server, we recommend performing the installation during off-hours.

1. Log onto the server where you will be installing the Distribution Suite software.
2. Download the Distribution Suite installer from the Customer Web Site and make sure it is available to the server.
3. Unzip the installation files to the server. For example, create a folder on the desktop called “Distribution Suite Install” and unzip to it.
4. Double-click the **Epicor.DS.Install.exe** file to start the installation.
5. Click **Run the Installation** to start installing the Distribution Suite framework components.

![Welcome to the Epicor Distribution Suite Setup Wizard](image)

Welcome to the Epicor Distribution Suite Setup Wizard

This will install Epicor Distribution Suite version 1.1.0 on your computer.

It is recommended that you close all other applications before continuing.

Click Next to continue, or Cancel to exit Setup.

6. Click **Next** to continue the installation.
7. If you want to change the destination DRIVE, use the drop down to select a location or type a new location.

8. Click Next to continue.
Installing the Distribution Suite Framework

9. Click **Install** to install the Distribution Suite framework components.

![Image of installing process]

The Distribution Suite Configuration Wizard starts automatically. This installation configures your Distribution Suite framework so it can access the databases. The Distribution Suite framework's configuration tool opens automatically a few moments after the components installation is complete.
Configuring the Distribution Framework for Self-Hosting

Configuring the Distribution Framework for Self-Hosting

Before you can use any features or products from the Distribution Suite, you must configure the Distribution Suite framework so that it has access to both the Distribution Suite and Prophet 21 databases.

1. If it is not already displayed, open the Distribution Suite Configuration tool (by default, Start > All Programs > Epicor Distribution Suite 1.0 > Distribution Suite Configuration).

2. Select **Self Hosted**.

3. Click **Next** to configure the Account information, Public IP and Port (default PORT is 2080)
Configuring the Distribution Framework for Self-Hosting

4. Click **Next** to configure EpicorDS database access.

5. Enter the server name, port, database name, user name, and password:

<table>
<thead>
<tr>
<th>Server</th>
<th>Port</th>
<th>Database Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIN-C148N91S8G1</td>
<td>1433</td>
<td>EpicorDS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>User Name</th>
<th>Password</th>
<th>Re-Enter Password</th>
</tr>
</thead>
<tbody>
<tr>
<td>epicordsuser</td>
<td>******</td>
<td>******</td>
</tr>
</tbody>
</table>

   Click **Test Connection** to ensure that Distribution Suite can connect to your database using the connection and authorization properties entered. The system displays a message if the connection was successful.

   If the connection fails, the system displays an error message that describes the issue. This process may take time as the program waits for connection timeouts.

   If you DO NOT test the connection you will see the following message:

   ![Test Connection](image)

   7. Click **Next** to configure Prophet 21 database access.
8. Click **Next** to Configure Network Security information (Windows Domain Server)

**Important:** The server name should be used when identifying the authentication server instead of an IP Address. If an IP Address is entered, the installation will fail.
Configuring the Distribution Framework for Self-Hosting

9. Click **Test Connection** to ensure that Distribution Suite can connect to your database using the connection and authorization properties entered. The system displays a message if the connection was successful.

If the connection fails, the system displays an error message that describes the issue. This process may take time as the program waits for connection timeouts.

If you DO NOT test the connection you will see the following message:

![Test Connection Message]

10. Click **Next** to review a summary of the setup selections.

![Setup Summary]

11. Click **RUN SETUP** to install and configure files.

If any one of the sections fails the install will STOP.
Your Distribution Suite configuration settings are now saved. If you have not already done so, you can close the Epicor Distribution Suite Setup program.

Now you can **Close** the install, view the Setup Log or go to the Connection Diagnostics Page.