

# CA ERwin® Data Modeler

## Installation Guide

r8.2



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## CA Technologies Product References

This document references the following CA Technologies products:

- CA ERwin® Data Modeler Standard Edition
- CA ERwin® Data Modeler Workgroup Edition

# Contact CA Technologies

## Understanding your Support

Review [support maintenance programs and offerings](#).

## Registering for Support

Access the CA Support [online registration site](#) to register for product support.

## Accessing Technical Support

For your convenience, CA Technologies provides easy access to "One Stop" support for all editions of [CA ERwin Data Modeler](#), and includes the following:

- Online and telephone contact information for technical assistance and customer services
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- Product and documentation downloads
- CA Support policies and guidelines
- Other helpful resources appropriate for your product

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# Chapter 1: Introduction

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Product: CA ERwin Data Modeler

Release: r8.2

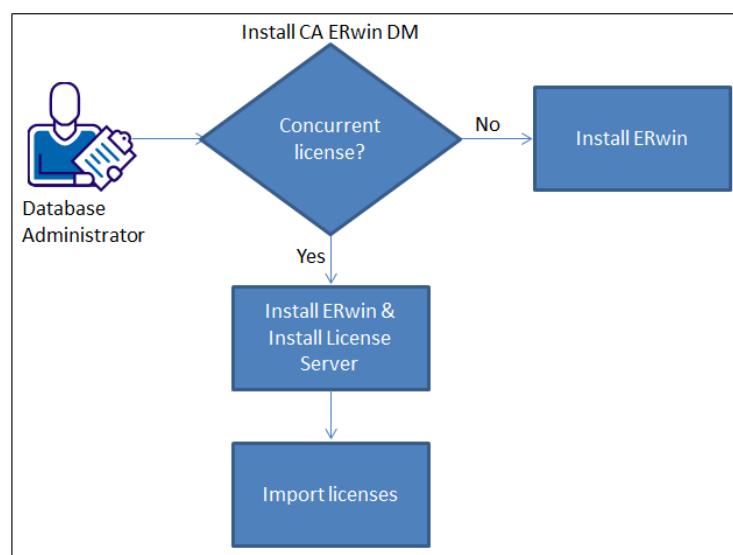
OS: All supported

This section describes how a database administrator installs CA ERwin Data Modeler to use concurrent and local licenses. This section also describes how a database administrator, data architect, data administrator, or business analyst opens (or launches) CA ERwin Data Modeler with the concurrent and local licensing models.

## How to Install CA ERwin Data Modeler

As a database administrator, before you install or upgrade to CA ERwin Data Modeler r8.2, find out the licensing model your organization plans to use. This section describes how you can install CA ERwin Data Modeler with both local and concurrent licensing models.

The following flowchart illustrates how you can install CA ERwin Data Modeler with these licensing models:



### Concurrent license

#### Goal

You have several users who use CA ERwin Data Modeler. You want to use the concurrent licensing model and have the licenses in a central location.

#### How you can achieve the goal

CA ERwin Data Modeler requires a License Server for you to use concurrent licensing. Install CA ERwin Data Modeler for all your users. Install the License Server and import the licenses.

#### Follow these steps:

1. Install CA ERwin Data Modeler.
2. Install the License Server.
3. Import the licenses.

### Local license

## Goal

You have one of the following requirements:

- You are the only user of CA ERwin Data Modeler.
- You want to use CA ERwin Data Modeler on a specific computer.
- You plan to use CA ERwin Data Modeler when you are disconnected from your corporate network.

You want to install CA ERwin Data Modeler and use the local licensing model.

## How you can achieve the goal

In the local licensing model, the license is stored on your local computer. Install only CA ERwin Data Modeler, the License Server is not required.

See the Install CA ERwin Data Modeler topic.

## Install CA ERwin Data Modeler

The Installation Wizard makes it easy for you to install, repair, or remove CA ERwin Data Modeler.

### Follow these steps:

1. Insert the installation DVD or double-click the file you downloaded from CA Support Online.  
The Installation Wizard opens.
2. Follow the prompts in the wizard to proceed.  
The program files are copied and CA ERwin Data Modeler is installed.

**Note:** To create, update, or delete a mart in CA ERwin Data Modeler Workgroup Edition, you must have the following database rights:

- For Microsoft SQL Server 2000/2005/2008, you must be the database owner (dbo).

### Notes:

- The dbo is no longer required to have the sysadmin role.
- The SQL Server 2005/2008 TRUSTWORTHY database property is no longer required for the mart. After you install this product, you can optionally reset this property to OFF.

For Oracle, you must be the database schema owner and have the DBA role.

## Considerations for Selecting the License Server

Consider the following points before you select the License Server:

- The License Server must be available continuously, without any interruption. Select a computer that is not rebooted or shutdown frequently.
- The License Server generates debug and log files. Identify a location, preferably on the License Server itself to archive these log files. Verify that the License Server has enough disk space for archiving; the size of the log file is proportional to the activity of the License Server.

**Note:** You can suppress the generation of log files.

## Prerequisites to Install the License Server

If you plan to use the concurrent licensing model, install the License Server. You can designate any computer in your local network or in a remote location as the License Server.

The following are the prerequisites to install the License Server:

- Identify a computer that you want to use as the License Server. Verify that the computer meets the system requirements.
- If you are using Windows 7 as the operating system of the License Server, verify if you have administrative privileges.

## Install the License Server

The License Server stores concurrent licenses and helps you use CA ERwin Data Modeler. Install the license server, if you are using the concurrent licensing model.

### Follow these steps:

1. Double-click the *CA ERwin DM License Administrator.exe* file. You would have downloaded this file when you downloaded the *CA ERwin Data Modeler.exe* file.  
The Install License Server wizard opens.
2. Follow the prompts in the wizard to proceed.  
The program files are copied and the License Server is installed.

## Create the License Server

After installing the License Server, you must create the License Server.

To create the License Server, click Start, All Programs, CA, ERwin, ERwin License Administrator, Create License Server.

**Note:** To uninstall the License Server, click Start, All Programs, CA, ERwin, ERwin License Administrator, Remove License Server.

## Import Licenses

After you have installed the License Server, import licenses into it. You import licenses so that licenses are available when users want to use CA ERwin Data Modeler.

### Follow these steps:

1. Contact CA Customer Care by telephone or the [web licensing form](#) with the MAC address of the License Server.

Your permanent license files are sent to you.

**Note:** To get the MAC address, on the License Server, open the Windows command prompt and type IPCONFIG /ALL, or, log on to CA ERwin License Administrator as given in Step 5 and go to the System Information tab.

2. Click Start, All Programs, CA, ERwin, ERwin License Administrator, Start License Server.

The License Server service is started.

3. Click Start, All Programs, CA, ERwin, ERwin License Administrator, License Server Administrator.

The CA ERwin License Administrator window opens.

4. Click Administration.

The Sign In dialog appears.

5. Enter *admin* in the User Name and Password fields, and then click Submit.

**Note:** If you are visiting this site for the first time, change your password.

6. Click Server Configuration, User Interface.

7. Select Concurrent and then click Save.

Concurrent is set as the default view for the CA ERwin License Administrator Dashboard.

8. Click Vendor Daemon Configuration, Import License, Browse and select the license files that you have received from CA Customer Care.

9. Click Import License.

The licenses are imported and a confirmation message is displayed. Errors, if any, are also displayed.

10. Click Dashboard.

The list of imported licenses appears.

Your concurrent licenses are ready for use.

## Start or Stop the License Server

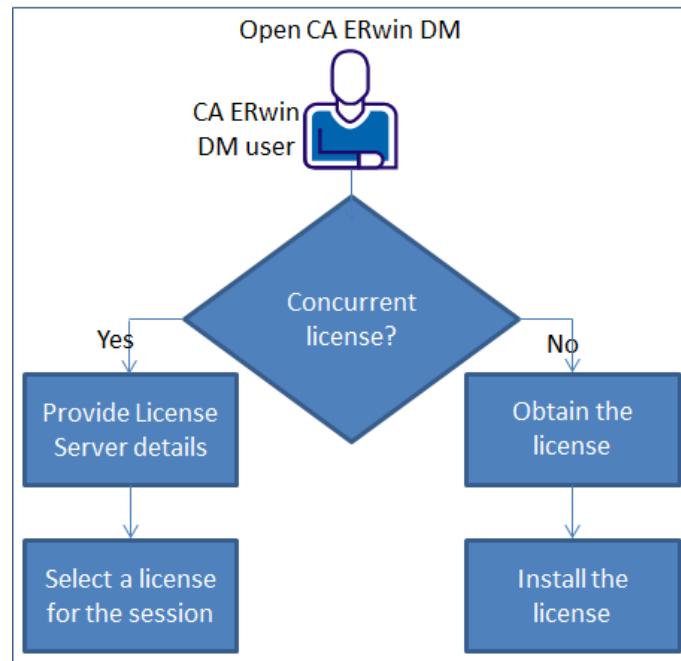
You can start or stop the License Server using the Windows Start menu.

Click Start, All Programs, CA, ERwin, ERwin License Administrator, Start License Server or Stop License Server. The services of the License Server starts or stops accordingly.

## How to Open CA ERwin Data Modeler

The license type determines how CA ERwin Data Modeler is opened (or launched). This section describes how database administrators, data administrators, data architects, or business analysts can open CA ERwin Data Modeler in these environments.

The following flowchart illustrates how you can open CA ERwin Data Modeler in concurrent and local licensing models:



### Concurrent license

#### Goal

Your organization uses the concurrent licensing model and you want to open and use CA ERwin Data Modeler.

#### How you can achieve the goal

In the concurrent licensing model, the license is obtained from a License Server. To get the license, CA ERwin Data Modeler must connect to the License Server. When you launch CA ERwin Data Modeler for the first time, you provide the path to the License Server.

See the following procedures:

- Obtain a License
- Select a License for the Current Session

## **Local license**

### **Goal**

You use the local licensing model. You want to open and use CA ERwin Data Modeler.

### **How you can achieve the goal**

A local license is stored on your local computer. To have CA ERwin Data Modeler use the local license, provide your MAC address to CA Technical Support.

See the Obtain a License procedure.

## Obtain a License

When you first open CA ERwin Data Modeler, the Community Edition opens. If you have purchased an entitlement for a different edition, you provide the details of the license to use that edition.

**Note:** Before you start this procedure, get the hostname and the port number of the License Server designated for CA ERwin DM from your System Administrator. If you have access to the License Server, go to the Administration tab and see the System Information field.

### Follow these steps:

1. Open CA ERwin Data Modeler.  
The CA ERwin Data Modeler Community Edition opens.
2. Click Licensing on the Help menu.  
The Licensing dialog appears displaying the MAC addresses discovered on your computer.
3. If you plan to use a local license, follow these steps:
  - a. Select the appropriate MAC address and click Close. Verify that you do not use the MAC address of an adapter located in a docking station or an external hard drive.
  - b. Contact CA Customer Care by telephone or the [web licensing form](#) with your MAC address to receive your permanent license files.
  - c. After you receive the license files, open CA ERwin Data Modeler and click Licensing on the Help menu.  
The License dialog appears.
  - d. Click Install License File, select the license files that you have received and then click Open.  
The license files are copied to the appropriate location.
4. If you plan to use a concurrent license, follow these steps:
  - a. Verify that the License Server Administrator has received the license files from CA Customer Care and has imported them to the License Server.
  - b. Enter the path for your License Server in the Server Path field in the port@hostname format. Click Close.  
**Example:** 18089@myremotecomp
  - c. Restart CA ERwin Data Modeler.  
A license is checked out from the License Server.

**Note:** If you need assistance with licensing, you can open an issue online at the [CA ERwin Data Modeler](#) support site.

## Select a License for the Current Session

When using a concurrent license, if you close CA ERwin Data Modeler or disconnect from your network, your license is checked in to the License Server. When you launch CA ERwin Data Modeler again, you select the license you want to use for that session.

### To select a license for the current session

1. Click Start, CA, ERwin, ERwin Data Modeler.  
The CA ERwin Data Modeler Licensing dialog appears.
2. Select one of the following options and click OK:

#### Use Local license

Uses the license stored on your local computer. If you want to use SQL Azure, your SQL Azure license must also be available on the local computer.

You can select the Do not show this dialog again check box, so that you always use the license available on your computer.

**Note:** To restore the Licensing dialog, open CA ERwin Data Modeler, click Tools, Options, Reset all Messages, and close CA ERwin Data Modeler. The next time you open CA ERwin Data Modeler, the Licensing dialog appears.

#### Acquire concurrent use Workgroup Edition license

Connects to the License Server and acquires a concurrent license for the Workgroup Edition. If no Workgroup Edition license is available, select the If unavailable, attempt to acquire a concurrent Standard Edition license check box. A concurrent Standard Edition license is checked out, if available.

#### Acquire concurrent use Standard Edition license

Connects to the License Server and acquires a concurrent license for the Standard Edition.

**Note:** If no license is available, CA ERwin Data Modeler does not launch.

#### Acquire concurrent use SQL Azure license

Connects to the License Server and acquires a concurrent use license for SQL Azure. To use a concurrent license for SQL Azure, select one of the concurrent license options mentioned previously, and then select this option.

#### More information:

[How Concurrent License Works](#) (see page 18)

## How Concurrent License Works

A concurrent license lets you use CA ERwin Data Modeler from any computer in your network. When you select a concurrent license, the License Server checks out a license and decrements the count of available licenses by one. When you close CA ERwin Data Modeler, the license is checked in and the License Server increases the count of available licenses by one.

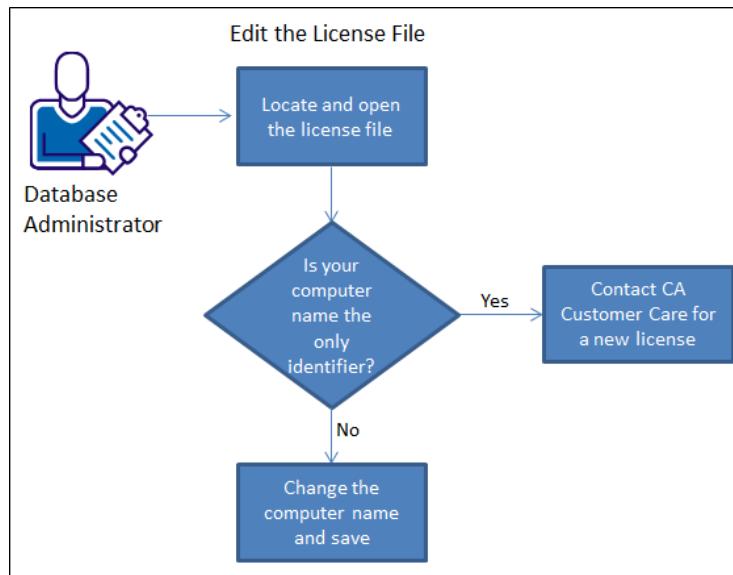
**Note:** If all the licenses are checked out, you cannot open another instance of CA ERwin Data Modeler.

After you check out a license to use CA ERwin Data Modeler, the License Server monitors your CA ERwin Data Modeler instance to see if your connection is active. If your connection is not active, a warning message appears. The warning messages appear at increasingly more frequent intervals until the fourth hour of disconnection. If you do not reconnect before the last warning, the License Server recovers the license and CA ERwin Data Modeler is closed.

## How to Edit the License File

If you change the License Server name, edit the license file and include the new name. This section describes how a database administrator edits the license file.

The following diagram illustrates how you can edit the license file:



## Edit the License File

If you change the License Server name, edit the license file and include the new name. If the new name is not included in the license file, CA ERwin Data Modeler does not open.

### Follow these steps:

1. Locate and open the license file in a Notepad or similar utility.

Typically, the name of the license file is in the *(license number) (Edition name) ("server" MAC address).lic* format. For example, 111111-2222 Workgroup (server xxxxxxxxxxxx).lic.

2. Go to the line that starts with SERVER and change the name.

**Note:** The SERVER line displays the computer name with MAC address or any other node-locking identifier that you use. If you use only the computer name as the identifier, you cannot edit the file; contact CA Customer Care to get a new license.

3. Save the changes.