

# Dell Connections License Manager Version 1.1 Installation Guide



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# About Dell Connections License Manager

Dell Connections License Manager (DCLM) is used for managing licenses and the licensable features provided in Dell Connections products. You can use Dell Connections licenses to enable server management capabilities and integrations such as out-of-band monitoring in the Dell OpenManage Connections and Integrations suite of products.

You can purchase and download the licenses from the Dell support site at [dell.com/support/retail/lkm](http://dell.com/support/retail/lkm).

With Connections License Manager, you can:

- Import licenses.
- View and manage license information, such as feature description, expiration details, and so on.
- Export licenses.
- Delete licenses.

 **NOTE:** This document contains information about the prerequisites and supported software necessary for installing Dell Connections License Manager. Before installing this version of Dell Connections License Manager, download the latest document from [dell.com/support/manuals](http://dell.com/support/manuals). For more information on accessing documents, see [Accessing Documents From The Dell Support Site](#).

## System Requirements

For setting up Connections License Manager, ensure that the following system requirements are met:

**Table 1. System Requirements**

Particulars	Requirements
Hard drive	10 GB (minimum)
Memory	8 GB (minimum)
Operating system	<ul style="list-style-type: none"><li>• Windows Server 2012 R2</li><li>• Windows Server 2012</li><li>• Windows Server 2008 R2 SP1</li><li>• Windows Server 2008 R2</li><li>• Windows Server 2008 SP2 (x86)</li><li>• Windows Server 2008 SP2 (x64)</li></ul>
Network	100 Mbps or higher
Screen resolution	1024 x 768 pixels
.NET framework	3.5 or later
Database	<ul style="list-style-type: none"><li>• Microsoft SQL Server 2014</li><li>• Microsoft SQL Server 2012</li><li>• Microsoft SQL Server 2008 R2</li><li>• Microsoft SQL Server 2008</li></ul>
Web servers	IIS 8.5 or IIS 8.0

Particulars	Requirements
Web browsers	<ul style="list-style-type: none"> <li>• Microsoft Internet Explorer 11 or Internet Explorer 10</li> <li>• Mozilla Firefox</li> </ul>
Include these ports in the firewall exception list	Port Number – 8543, 8544
	Protocol – http

# Setting Up Dell Connections License Manager

This section provides information about setting up Connections License Manager.

- [Prerequisites](#)
- [Setting Up Connections License Manager Database On A Remote SQL Server](#)
- [Installing Connections License Manager](#)

## Prerequisites

Before you install Connections License Manager, check for [System Requirements](#) and also confirm that you have privileges to create groups in the domain.

If you are installing the product, then ensure that you have database administrative privileges to create the database, user account, or both.

## Setting Up Connections License Manager Database On A Remote SQL Server

Before setting up the Connections License Manager database on the remote system, ensure that these prerequisites are complete:

- Network communication between the Connections License Manager system and the remote system is functioning.
- SQL server permissions to back up, create, and configure databases are available.
- Windows Trusted Authentication is enabled in SQL Server.

## Downloading And Installing Connections License Manager

Before you download and install Connections License Manager, check for [System Requirements](#) and also confirm that you have privileges to create groups in the domain.


Ensure that you have database administrative privileges to create the database, user account, or both.

To download and install Connections License Manager:


1. From **support.dell.com**, download the Connections License Manager executable file to a desired location.
2. Extract the executable file.  
The following files are extracted:
  - **Dell\_Connections\_License\_Manager\_x86\_x64.exe**
  - Readme
  - Installation Guide
3. Double-click **Dell\_Connections\_License\_Manager\_x86\_x64.exe**.
4. In the Connections License Manager welcome screen, click **Next**.
5. In the **License Agreement** screen, to continue the installation, read the license terms, select **I accept the terms in the license agreement**, and then click **Next**.

6. In the **SQL Connection** screen, provide the SQL Database server name in the **SQL Server name** field, and then click **Next**.

If you are configuring database on a remote server, then see [Setting Up Connections License Manager Database On A Remote SQL Server](#).

 **NOTE:** Dynamic licenses are not supported by the DCLM 1.0 schema. During this installation, dynamic licenses associated with the DCLM 1.0 schema are removed. Reimport the dynamic licenses after the installation is complete.

7. In the **Destination Folder** screen, perform any one of the following steps:
  - To install in the default location, click **Next**.
  - To change the installation folder, click **Change**, go to the new location, and then click **Next**.
8. In the **Ready to Install the Program** screen, click **Install**.
9. After the installation is complete, click **Finish**.

 **NOTE:** During the installation, the installer creates the Connections License Manager domain groups in the Windows Server Active Directory. If the domain groups are not created, then you may not have permissions to create them. For information about creating domain groups, see [Creating Connections License Manager User Groups](#). For information about user roles, see [User Roles For Connections License Manager](#).

## Upgrading Connections License Manager


During the installation of Connections License Manager 1.1, you will be prompted to upgrade if Connections License Manager 1.0 is already installed on the system.

To upgrade to Connections License Manager 1.1:

1. Navigate to the folder where you have extracted Connections License Manager 1.1, double-click **Dell\_Connections\_License\_Manager\_x86\_x64.exe**.

A dialog box is displayed requesting you to back up the dynamic licences.

To back up dynamic license files, see [Backing Up Dynamic License Files](#). If you do not have any dynamic license files, proceed to the next step.

 **NOTE:** Ensure that you are not accessing the Connections License Manager 1.0 installation folder.

Example: *C:\Program Files\Dell Connections License Manager\1.0*

2. Click **OK**.
3. Click **Yes** to proceed with the upgrade or **No** to abort the process.
4. In the **Resuming the InstallShield Wizard for Dell Connections License Manager** screen, click **Next**.
5. After the installation is complete, click **Finish**.

The Connections License Manager 1.0 has successfully upgraded to Connections License Manager 1.1.

## Backing Up Dynamic License Files

To back up the dynamic license files during an upgrade:

1. Log in to Connections License Manager with DCLM Administrator or DCLM Operator privilege.
2. Select the dynamic licenses you want to back up, and then click **Export**.

3. In the **File Download** screen, click **Save**.
4. In the **Save As** screen, navigate to the location where you want to save the licenses and click **Save**.  
The dynamic licenses are now backed up.

## Repairing Connections License Manager

To repair a Connections License Manager installation:

1. Double-click **Dell\_Connections\_License\_Manager\_x86\_x64.exe**.
2. In the Connections License Manager welcome screen, click **Next**.
3. In the **Program Maintenance** screen, select **Repair**, and then click **Next**.
4. In the **Ready to Repair the Program** screen, click **Install**.
5. In the **InstallShield Wizard Completed** screen, click **Finish**.

## Uninstalling Connections License Manager From Windows Control Panel

To uninstall Connections License Manager:

1. From the Windows Desktop, select **Start** → **Control Panel**.
2. Under **Programs**, click **Uninstall a program**.
3. In **Programs and Features**, right-click **Dell Connections License Manager**, and then click **Uninstall**.
4. In the **Database Retention** screen, click **Yes** if you want to retain the database or **No** if you do not want to retain the database.
5. In the confirmation message, click **Yes**.

Connections License Manager is successfully uninstalled from the system.



**NOTE:** Uninstallation of Connections License Manager does not remove the user groups such as Dell Connections License Administrators, Dell Connections License Operators, and Dell Connections License Users that were created in the Active Directory during installation. To uninstall these user groups, see [Deleting Connections License Manager User Groups](#).


## Uninstalling Connections License Manager Using Executable File

To uninstall Connections License Manager:

1. Double-click **Dell\_Connections\_License\_Manager\_x86\_x64.exe**.
2. In the Connections License Manager **Welcome** screen, click **Next**.
3. In the **Program Maintenance** screen, click **Remove**, and then click **Next**.
4. In the **Remove the Program** screen, click **Remove**.
5. In the **Database Retention** screen, click **Yes** if you want to retain the database or **No** if you do not want to retain the database.

6. In the **InstallShield Wizard Completed** screen, click **Finish**.

Connections License Manager is successfully uninstalled from the system.

 **NOTE:** Uninstallation of Connections License Manager does not remove the user groups such as Dell Connections License Administrators, Dell Connections License Operators, and Dell Connections License Users that were created in the Active Directory during installation. To uninstall these user groups, see [Deleting Connections License Manager User Groups](#).

## Creating Connections License Manager User Groups

You can create only one user group at a time. To create Connections License Manager user groups:

1. Log in to the **active directory** with Domain Administrator privilege.
2. To open **Active Directory Users and Computers**, click **Start**, and then type `dsa.msc`.
3. In the console tree, right-click **Users**, and then select **New** → **Group**.  
The **New Object - Group** window is displayed.
4. In the **Group name** field, enter any one of the following group names:
  - Dell Connections License Administrators
  - Dell Connections License Operators
  - Dell Connections License Users

 **NOTE:** Ensure that **Global** is selected in the **Group scope** field and **Security** is selected in the **Group type** field.

5. Click **OK**.  
The user group is created.
6. Repeat steps 3 to 5 to create the other two user groups.

## Deleting Connections License Manager User Groups

To delete Connections License Manager user groups:

1. Log in to the **active directory** with Domain Administrator privilege.
2. To open **Active Directory Users and Computers**, click **Start**, and then type `dsa.msc`.
3. In the console tree, click **Users**.
4. In the **Details** pane, right-click each of the following user groups, and then click **Delete**.
  - **Dell Connections License Administrators**
  - **Dell Connections License Operators**
  - **Dell Connections License Users**

## User Roles For Connections License Manager

The roles and privileges for the Connections License Manager users are controlled using Active Directory authentication. The Active Directory group to which you are assigned determines the privileges for the various operations on the licenses.

The role-based security provided in Connections License Manager are:

- **Administrator:** Can perform all operations.
- **Operator:** Can access operations other than deleting licenses.

- **User:** Can only request for a license. Applications that use the licenses are added to license users group. **Get license** is applicable only for applications to obtain licenses for the features.

Roles	Privileges					Domain Groups
	Import	View	Delete	Export	Get	
Administrators	Yes	Yes	Yes	Yes	Yes	<domain>\DellConnectionsLicenseAdministrators
Operators	Yes	Yes	No	Yes	Yes	<domain>\DellConnectionsLicenseOperators
Users	No	No	No	No	Yes	<domain>\DellConnectionsLicenseUsers

To create domains and add users to domains, see the Windows documentation from Microsoft.

## Accessing Documents From Dell Support Site

You can access the required documents in one of the following ways:

- Using the following links:
  - For all Systems Management documents – [dell.com/softwaresecuritymanuals](http://dell.com/softwaresecuritymanuals)
  - For Remote Enterprise Systems Management documents – [dell.com/esmmanuals](http://dell.com/esmmanuals)
  - For Enterprise Systems Management documents – [dell.com/openmanagemanuals](http://dell.com/openmanagemanuals)
  - For Client Systems Management documents – [dell.com/OMConnectionsClient](http://dell.com/OMConnectionsClient)
  - For Serviceability Tools documents – [dell.com/serviceabilitytools](http://dell.com/serviceabilitytools)
  - For OpenManage Connections Enterprise Systems Management documents – [dell.com/OMConnectionsEnterpriseSystemsManagement](http://dell.com/OMConnectionsEnterpriseSystemsManagement)
  - For OpenManage Connections Client Systems Management documents – [dell.com/OMConnectionsClient](http://dell.com/OMConnectionsClient)
- From the Dell Support site:
  - Go to [dell.com/support/manuals](http://dell.com/support/manuals).
  - Under **General support** section, click **Software & Security**.
  - In the **Software & Security** group box, click the required link from the following:
    - **Serviceability Tools**
    - **Enterprise System Management**

- **Client System Management**
  - **Remote Enterprise System Management**
- d. To view a document, click the required product version.
- Using search engines:
  - Type the name and version of the document in the **Search** box.