Dell Connections License Manager Version 1.1 User's Guide

Notes, Cautions, and Warnings

NOTE: A NOTE indicates important information that helps you make better use of your computer.

CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

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About Dell Connections License Manager

Connections License Manager is used for managing licenses and the licensable features provided with the 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**.

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.

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Getting Started With Dell Connections License Manager

This section provides the information required to log in and work with Dell Connections License Manager.

- [Logging in to Connections License Manager](#)
- [Connections License Manager Layout](#)

Logging In To Connections License Manager

Connections License Manager is hosted as a web GUI on a web server. After the user credentials are authenticated, both the web service and GUI are accessible through HTTP. The user credentials are authenticated when the user is a member of the Connections License Manager user group based on the following roles:

- Administrator
- Operator
- User

For information about the role-based privileges, see the "User Roles For Connections License Manager" section in the *Dell Connections License Manager Installation Guide*.

You must have one of these role-based login credentials to log in to Connections License Manager. Also, the Connections License Manager provides access to various operations related to licensing, such as importing, exporting, and deleting licenses.

To access Connections License Manager:

From the web browser, access: **http://<*License Server IP or FQDN*>: <*port number*>/ DellLicenseManagement.**
For example: **http://10.56.123.255:8544/DellLicenseManagement**

The port numbers are:

- 8543 — web service
- 8544 — GUI

The Connections License Manager web page is displayed.

Connections License Manager Layout

The Connections License Manager Web page layout is as follows:

1. **Top Banner**: Displays the product name and has links to the Dell support site and Connections License Manager information.
2. **Left Pane**: Has links to the Connections License Manager features.
3. **Right Pane or Working Area**: Has links to the Online Help that provides further details such as obtaining licenses, importing licenses, exporting licenses, deleting licenses, viewing the license status, details, and descriptions.

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Managing Dell Connections License Manager

This section provides the workflow to manage licenses. For more information about the UI, see the Online help available in Connections License Manager.

1. Understanding licenses, see [Understanding Licenses](#).
2. Obtain licenses, see [Obtaining Licenses](#).
3. Import licenses into Dell Connections License Manager, see [Importing Licenses](#).
4. (Optional) If you want to backup licenses to a repository, see [Exporting Licenses](#).
5. View the license status, see [Viewing Licenses](#).
6. (Optional) If you want to purge or delete licenses, see [Deleting Licenses](#).

Understanding Licenses

Licenses contain the following properties:

- **Entitlement ID** — Unique ID for the license.
- **License Description** — Level of features enabled in the license. For more information about the functionality supported by each feature level, access the online licensing portal at **dell.com/support/retail/lkm**.

Connections License Manager supports Perpetual licenses.

Perpetual licenses are standard licenses that enable features and do not expire.

Obtaining Licenses

1. From a web browser, access the **License Self-Service Portal** at: **dell.com/support/retail/lkm**.
2. On the **License Management** web page, sign in using **My Account** or **Premiere** credentials.

   The licenses you have ordered for are available in the License Self-Service Portal.
3. Save the required license files to a specific location.

   The downloaded license is a compressed XML file. Extract the file before importing into Connections License Manager.

Importing Licenses

1. In **Dell Connections License Manager**, click **Licenses**.
2. In **New License File**, click **Browse**.

3. Navigate to the location where the license file is present, and then click **Import**.

   The license file is imported into Connections License Manager and the license information is listed in the table at the bottom of the screen. The Connections License Manager license file is a compressed XML file.

   NOTE: When an upgraded dynamic license is imported into DCLM, the license allotments are reset to zero by DCLM. The associated DCLM clients refresh their allotments in the next re-sync interval. For more information about the re-sync interval, see the respective product document or its license statistics.

Exporting Licenses

1. In **Dell Connections License Manager**, click **Licenses**.
2. In the license status table, select the license you want to export and then in **Tasks**, click **Export**.
3. In **File Download**, click **Save**.
4. In **Save As**, navigate to the location where you want to save the licenses and click **Save**.

Viewing Licenses

- From the Connections License Manager web page, click **Licenses**.
  The **Licenses** page is displayed.

  NOTE: If the status of the existing licenses is ⚠ Warning or ❌ Critical, then you require additional licenses. Warning indicates that the usage is reaching the allowable license capacity. Critical indicates that the license capacity is fully utilized.

Deleting Licenses

1. In **Dell Connections License Manager**, click **Licenses**.
2. In the license status table, select the license you want to delete, and then in **Tasks**, click **Delete**.
3. In the confirmation message, click **Yes**.
   The license file is deleted.

Dell Connections License Manager Web UI Alerts

Alerts are displayed in the Dell Connections License Manager Web UI.

The Dell Connections License Manager web UI displays alerts for:

- Tasks that did not succeed
- Improper license server setup
- Insufficient licenses for monitoring Dell servers

Table 1. Alert Messages

Alert Message	Alert State	Cause	Resolution
License is not in the required format.	Critical	- The license file has insufficient capacity. - The license file has incorrect entitlement ID. - The license is not properly tied up to its product offering.	If you obtained the license from the Dell license portal, contact customer support and ask for a license replacement.
License signature verification failed.	Critical	The license file's key encryption is improper or tampered with.	If you obtained the license from the Dell license portal, contact customer support and ask for a license replacement.
License already imported.	Information	The procured license has already been imported into Connections License Manager, and you are trying to reimport the same license file.	Procure a new license from the license portal, and import the license into Connections License Manager.
License has expired.	Critical	You tried to import an expired license file.	Procure a new license from the license portal, and import the license into Connections License Manager.
No enough rights for the User. Consult Administrator for more information.	Warning	You tried to perform a task in Connections License Manager, for which you do not have appropriate privileges.	Confirm that the user account you used to log in to Connections License Manager has appropriate privileges to

Alert Message	Alert State	Cause	Resolution
			perform the task. For information aboout the role-based privileges, see the "User Roles For Connections License Manager " section in the *Dell Connections License Manager Installation Guide* at **support.dell.com/ manuals**.
Error occurred while performing database operation, see logs for details.	Critical	You tried to perform a task in Connections License Manager, for which the license server database did not respond.	Confirm that the license server is correctly configured. For configuring the license server, see section "Setting Up Dell Connections License Manager" in the *Dell Connections License Manager Installation Guide* at **support.dell.com/ manuals**. If the problem persists, contact customer support.
Error communicating with Active Directory, see logs for details.	Critical	You tried to perform a task in Connections License Manager, for which the Active Directory server setup on the network did not respond.	Confirm that the license server is correctly configured. For configuring the license server, see the Setting Up "Dell Connections License Manager" section in the *Dell Connections License Manager Installation Guide* at **support.dell.com/ manuals**. If the problem persists, contact customer support.
Please upload a valid license xml file.	Warning	The procured license should be a valid xml file.	If you obtained the license from the Dell license portal, contact customer support and ask for a license replacement.
Error occurred while connecting to license web service, see logs for details.	Critical	You tried to perform a task in Connections License Manager, for which the license web service setup on the	Confirm that the license server is correctly configured. For configuring the license server, see the Setting

Alert Message	Alert State	Cause	Resolution
		network did not respond.	Up "Dell Connections License Manager" section in the *Dell Connections License Manager Installation Guide* at **support.dell.com/manuals**. If the problem persists, contact customer support.
The selected licenses have already been deleted.	Warning	You tried to perform a delete operation in Connections License Manager for an already deleted entry.	In the Connections License Manager, to view the existing licenses: click **Refresh**. Now try to delete the license file. If the problem persists, contact customer support.
Failed to perform this operation. Refer to the logs for more information.	Critical	You tried to perform a task in Connections License Manager, for which an unexpected internal error has occurred.	To trace the performed tasks, Connections License Manager logs are available in the **C:\Windows\Temp\DCLMLogs** folder for any exception messages. If the problem persists, contact customer support.
License file exported successfully.	Success	You successfully exported a license file.	No action required.
The selected license no longer exists; To export, refresh the license list.	Warning	You tried to export a deleted license file.	In Connections License Manager, to view the existing licenses, click **Refresh**. Retry the Export task. If the problem persists, contact customer support.