

Migration from Dell Lifecycle Controller Integration version 1.3 for Microsoft System Center Virtual Machine Manager to OpenManage Integration Version 7.0 for Microsoft System Center

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Notes, cautions, and warnings

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

 **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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Introduction

This technical document describes how you can migrate data from Dell Lifecycle Controller Integration version 1.3 for Microsoft System Center Virtual Machine Manager (DLCI for SCVMM) to OpenManage Integration Version 7.0 for Microsoft System Center (OMIMSSC). OMIMSSC does not support upgrade from previous versions of DLCI for SCVMM and hence the data has to be migrated manually.

This document will help users of DLCI for SCVMM integration to migrate or re-create user data in OMIMSSC like servers, groups, licenses, profiles, update notification policy settings and others. This document also describes how to migrate user data.

 **NOTE:** OpenManage Integration Version 7.0 for Microsoft System Center is the immediate successor of DLCI version 1.3 for SCVMM.

Migration from DLCI for SCVMM to OMIMSSC requires you to perform the following tasks:

Saving all user data from DLCI for SCVMM

Before migrating to OMIMSSC, ensure that you save all user data details from DLCI for SCVMM. The user data and its information to be captured from DLCI for SCVMM for successful migration are listed in the following table.

Table 1. Information required to be captured

Data	Actions
Credential profiles	Note the credential profile name and credential details of the profile such as user name, password, and default for: profile will be used to log in to iDRAC or Chassis Management Controller (CMC).
License	Download the purchased .XML file (license key) of DLCI for SCVMM from the Dell Digital Store and save a local copy of the file.
Servers and predefined update groups	<ul style="list-style-type: none"> Note down the credential profile information used to access the server's iDRAC. For hosts—no details are required to be saved if the following conditions are met: <ul style="list-style-type: none"> The servers are already managed in SCVMM. Baseboard Management Controller (BMC) of the managed servers are configured. <p>i NOTE:</p> <p>Managed servers are the servers managed using OMIMSSC.</p> For unassigned servers—note down the iDRAC IP or IP address ranges of servers that are listed in Unassigned tab of Device Inventory page.
Custom update groups	Note the group name and service tags of those servers that are added to the group.
Hypervisor profile	Note all required information from the Hypervisor profiles with details such as hypervisor profile name, customized WinPE ISO (WinPE ISO is used for hypervisor deployment), host group and host profile taken from SCVMM, and LC drivers for injection. i NOTE: WinPE ISO image is saved in the IG share.
Hardware Profile	Note the reference server iDRAC IP used to create the hardware profiles.
Update Source	<ul style="list-style-type: none"> Note the update source location and credentials to access the source. Note the proxy credential profile for FTP Update Source if proxy is configured.
Polling and Notifications	Note the polling and notifications policy settings.
Protection Vault	Note the protection vault details such as protection vault name, type, credentials to access the location, and passphrase. To determine which vault is associated to a server perform the following steps:

Table 1. Information required to be captured (continued)

	<ol style="list-style-type: none">1. Select all the servers in Maintenance Center of OMIMSSC and select import server profile.2. Select custom import and note down the vault name associated with the server.
Jobs and Logs Center <ul style="list-style-type: none">• Scheduled jobs	Data of jobs run in DLCI for SCVMM cannot be migrated to OMIMSSC.
LC logs	LC logs collected in DLCI for SCVMM cannot be migrated to OMIMSSC.
IG share folder files	Copy the IG share folder files from DLCI for SCVMM and paste them in the new IG share folder location. The default IG path for DLCI for SCVMM is: c : \ProgramData\DLCI Integration Gateway The default IG path for OMIMSSC is: c : \ProgramData\OMIMSSC\Integration Gateway

For more information about user data in DLCI for SCVMM, refer to Dell Lifecycle Controller Integration Version 1.3 for Microsoft System Center Virtual Machine Manager User Guide.

Uninstalling DLCI for SCVMM

 **NOTE:** Note the Integration Gateway (IG) share folder path.

Uninstall DLCI for SCVMM to proceed further with the migration. For more information about uninstallation, see Dell Lifecycle Controller Integration Version 1.3 for Microsoft System Center Virtual Machine Manager Installation Guide.

Setting up OMIMSSC

Download and install IG and OMIMSSC console extension for SCVMM on the same server where it was installed in the previous version.

NOTE: While installing IG, browse and change the share folder path to the old IG path to retain all the IG share data from DLCI for SCVMM.

For example:

IG share folder path for OMIMSSC—>C:\ProgramData\OMIMSSC\Integration Gateway

IG share folder path for DLCI for SCVMM—> C:\ProgramData\DLCI Integration Gateway

NOTE: If you do not want to use the old path, then copy all files from old share folder to new share folder.

For information about installing, configuring, and maintaining OMIMSSC, see OpenManage Integration for Microsoft System Center Installation Guide.

Recreating user data in OMIMSSC

This section provides information on how to migrate or re-create the user data captured in [Saving all user data from DLCI for SCVMM](#). Below is the information on steps required to migrate the user data:

1. **Credential Profiles**—recreate credential profile by using information saved from DLCI for SCVMM.
For information about creating credential profiles, see *OpenManage Integration for Microsoft System Center User's Guide*.
2. **License**—import the license file that is in .XML format saved from DLCI for SCVMM.
For information about importing the license file, see *OpenManage Integration for Microsoft System Center User's Guide*.
3. **Synchronize with MSSC**—synchronize OMIMSSC with SCVMM and get the list of hosts that are already managed by SCVMM.
4. **Discover servers**—rediscover the unassigned servers using information saved from DLCI for SCVMM.
You can discover the Dell EMC servers using their iDRAC IP address by using one of the following methods:
 - Auto discovery
 - Manual discovery
 For more information about auto and manual discovery, see *OpenManage Integration for Microsoft System Center User's Guide*.
5. **Update Groups**—Recreate update groups after discovering servers or synchronizing OMIMSSC with SCVMM. Update groups are a group of servers that require similar update management. There are two types of update groups available:
 - **Predefined update groups**—you can only view, and maintain these server groups.
 - **Custom update groups**—you can create, and maintain the server groups.

Predefined update groups—are automatically created after discovering servers. They are the default update groups. Hence, no information is required for migration.

Custom update groups—recreate custom update groups by using information captured from DLCI for SCVMM.
To create custom update groups, see *OpenManage Integration for Microsoft System Center User's Guide*.
6. **Hypervisor Profiles**—recreate hypervisor profiles by using information captured from DLCI for SCVMM.
To create hypervisor profiles, see *OpenManage Integration for Microsoft System Center User's Guide*.
7. **Hardware Profile**—in OMIMSSC, hardware profile is part of Operational Template. The Operational Template contains the following components:
 - Hardware profile
 - Deployment template
 - Hypervisor profile
 - Update source


You can create an Operational Template by capturing the configuration of the reference server. After capturing the configuration, you can directly save the template, or edit the attributes for update source, hardware configuration, and windows component as per the requirement and then save the template. This template can be deployed on other PowerEdge servers that have similar configurations.


Operational Template—to recreate the hardware configuration use the same reference server as the one used in DLCI for SCVMM, or create a configuration from a new reference server used in OMIMSSC.
For information about creating Operational Template, see *OpenManage Integration for Microsoft System Center User's Guide*.
8. **Update Source**—there are two types of update source.
 - Predefined and default update sources
 - Custom update sources

Predefined and default update sources—are retained in OMIMSSC. The following are predefined and default update sources:

 - **DELL ONLINE CATALOG**—predefined update source of type FTP
 - **DELL ONLINE HTTP CATALOG**—default update source available in OMIMSSC after a fresh installation or upgrade

Custom update sources—recreate only custom update source by using information captured from DLCI for SCVMM. Note the following points while creating the following type of update sources:

- **DRM repository**—recreate the DRM update source from the catalog file created and saved in DRM.
 **NOTE:** Ensure that you reinstall and configure DRM.
- **Inventory output files**—recreate the Inventory update source from the file saved after exporting the server inventory in OMIMSSC.
- **FTP or HTTP source**—if FTP or HTTP update source was created using proxy credentials in DLCI for SCVMM, then recreate the FTP or HTTP update source using the same proxy information.

 **NOTE:** Set the same update source as default in OMIMSSC as selected in DLCI for SCVMM.

For information about creating update source, see OpenManage Integration for Microsoft System Center User's Guide.

9. **Polling and Notification**—perform any one of the following steps as per the conditions mentioned:
 - a. If there is no change made in DLCI for SCVMM, then no change is required in the OMIMSSC console extension since, the option **Never** is selected by default.
 - b. If the default option is changed in DLCI for SCVMM, then change the setting accordingly in OMIMSSC.
10. **Protection Vault**—recreate protection vault by using information captured from DLCI for SCVMM.

Create a protection vault with the network share where server profiles were exported in DLCI for SCVMM, and then export the server profile with this vault. After exporting the server profile import the profile on the same profile.

For information about creating protection vault, see OpenManage Integration for Microsoft System Center User's Guide.

11. **LC Logs**—you can view LC Logs in OMIMSSC collected from DLCI for SCVMM. LC logs provide information about past activities on a managed system. Following are the ways for migrating information different types of LC Logs:
 - **Active LC Logs**—recollect the logs using **Export Active Logs now** option, and view them in OMIMSSC.
 - **Complete LC logs**—are retained in the DLCI for SCVMM shared folder. These logs can be accessed from OMIMSSC if the same share folder is used in OMIMSSC.

For information about collecting and viewing LC Logs, see OpenManage Integration for Microsoft System Center User's Guide.

12. **Jobs and Logs Center**—reschedule jobs that were scheduled in OMIMSSC by using information captured from DLCI for SCVMM. However, you cannot view the jobs that were completed in DLCI for SCVMM.
For information about creating and managing jobs, see OpenManage Integration for Microsoft System Center User's Guide.

Accessing support content from the Dell EMC support site

Access supporting content related to an array of systems management tools using direct links, going to the Dell EMC support site, or using a search engine.


- Direct links:
 - For Dell EMC Enterprise Systems Management and Dell EMC Remote Enterprise Systems Management—<https://www.dell.com/esmmanuals>
 - For Dell EMC Virtualization Solutions—<https://www.dell.com/SoftwareManuals>
 - For Dell EMC OpenManage—<https://www.dell.com/openmanagemanuals>
 - For iDRAC—<https://www.dell.com/idracmanuals>
 - For Dell EMC OpenManage Connections Enterprise Systems Management—<https://www.dell.com/OMConnectionsEnterpriseSystemsManagement>
 - For Dell EMC Serviceability Tools—<https://www.dell.com/serviceabilitytools>
- Dell EMC support site:
 1. Go to <https://www.dell.com/support>.
 2. Click **Browse all products**.
 3. From the **All products** page, click **Software**, and then click the required link.
 4. Click the required product and then click the required version.

Using search engines, type the name and version of the document in the search box.

Topics:

- [Contacting Dell](#)

Contacting Dell

 **NOTE:** If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Go to **Dell.com/support**.
2. Select your support category.
3. Verify your country or region in the **Choose a Country/Region** drop-down list at the bottom of the page.
4. Select the appropriate service or support link based on your need.