

Dell EMC OpenManage Enterprise Update Manager Version 1.2 Release Notes

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Version

1.2

Revision

A01

Release summary

Dell EMC Update Manger plugin (UMP) is an integrated solution for OpenManage Enterprise that allows IT Administrators to create and manage repositories for PowerEdge devices that are managed in OpenManage Enterprise which run iDRAC or a Windows operating system.

A repository consists of system bundles and their associated Dell Update Packages (DUP). A system bundle is a software collection that can be grouped to arrange the related updates that are applicable to same target platform and having the same format. A DUP is a self-contained executable file in a standard package format that updates a specific software element on Dell server or storage such as the BIOS, a device driver, firmware, and other similar software updates. These bundles and repositories allow the deployment of multiple firmware updates simultaneously. The Update Manager plug-in(UMP) supports DUPs in .exe format.

To update the systems with the latest firmware and software using Update Manager, do the following:

- Ensure that the repositories are up-to-date.
- Enable manual or automatic updates of the catalog present in the repositories.
- Customize a repository by importing or deleting update packages.
- Enable the option to view the baseline compliance report of the repository that is used to update the firmware of the components in the repository.

Priority and recommendations

Dell EMC recommends the customer to review specifics about the update to determine if it applies to your system. The update contains changes that impact only certain configurations, or provides new features that may or may not apply to your environment.

Key features

- Support for HTTPS storage in all repository operations.
- Support for Windows server 2022 in repositories and baselines.
- GUI enhancements to ensure better usability.

Installation

See the Update Manager 1.2 User's Guide for more information on installation.

Fixes

- Baselines created by DM users are removed when admin user performs any import or delete operation on the associated repositories.
- Repositories with unsupported special characters allowed from REST API interface.
- Few empty folders retained after uninstallation of UMP.
- Intermittent issue of repository content not getting updated as per latest catalog when repository is refreshed multiple times.

Limitations

- OpenManage Enterprise and UMP supports IPv4-only and hybrid IPv4/IPv6 network environments. The IPv6-only network environment is not supported.
- The update on MX7000 chassis systems with UMP created repository baseline, are supported only when the chassis are installed with firmware version 1.40 and above.
- Editing a repository from REST API is allowed when DUP upload is still in-progress for import operation on that repository, however, this does not have any unexpected impact on the import or the repository.
- The catalog versions are not displayed in the Overview and Repository page for repositories that are created with an SUU catalog.
- The source name is displayed as N/A for Update Manager generated alerts.
- Same time is displayed for the **Last Run Date/Time** and **Next Run Date/Time** fields on the job details section for the scheduled refresh and download jobs.
- Audit logs are not generated if the update manager-specific jobs are interrupted.
- Only the default port number (80) is supported for HTTP shares with IPv6 address.
- Plan to run less than 15 jobs exactly at same time. Only 15 refresh jobs can run in parallel.

Known Issues

Issue 1

If a repository is created using a base catalog from a network share, and if the new catalog does not have the same name with a higher version as the base catalog the refresh operation is unsuccessful.

Resolution

For catalogs from offline network share, ensure that the new version of catalog has the same filename as the older version and a higher version number.

Issue 2

The alert and audit logs do not provide enough information for an unsuccessful repository refresh job that is caused by insufficient storage.

Resolution

View information about the cause of failure from the **Audit and Alert logs**.

Issue 3

In OpenManage Enterprise, under **Update Settings**, the **Automatic** updates option is not supported for downloading the plug-in.

Resolution

Use the **manual** option for downloading plug-in artifacts.

Issue 4

Catalogs that are created in Update Manager cannot be updated using the **Check for update** button on the **Catalog Management** page.

Resolution

Update the catalogs that are generated in Update Manager using the **Refresh** option.

Issue 5

The appliance may become unresponsive if the base catalog fails to download during repository creation.

Resolution

The base catalog has failed to download due to network latency or any other issue. Refresh the browser to reload OpenManage Enterprise again.

Issue 6

Download of DUPs fail when the MX catalog 20.07.00 version is selected during repository creation.

Resolution

Use the latest version of MX catalog and create the repository again.

Issue 7

If a repository is created with older ESXi catalogs versions (19.05.30, 19.04.00, 19.01.18, 18.12.00, 18.07.27, 18.07.01, 18.01.26, 17.11.0), the following issues may occur:

- FX2/ FX2s bundles are not added to a repository.
- The DUP size for few of the device components does not get updated as per the actual size post refresh task.

Resolution

Recommends using the latest version of ESXi catalog to create the repository.

Issue 8

Import of any Dell Update Packages(DUP) having dependency may fail if the dependency is not already present in the repository.

Resolution

Ensure that one or more bundles contain the dependency and then retry the import operation or import the dependency DUP prior to importing the dependent DUP.

Issue 9

When using the older version of the catalog from an Index catalog, for some of the components few details such as the package size, description and other parameters may not be displayed correctly, due to the limitation in the older catalogs.

Resolution

Use the latest version of the online catalog.

Issue 10

If you have created a repository without creating a baseline and then perform a refresh repository activity, the manually created baselines are deleted.

Resolution

Create a repository by selecting the **Create Baseline** option in the Create Repository wizard.

Issue 11

When you download or install the Update Manager files, the following error message may be displayed:Could not complete request because of the following error(s).

CGEN6038 - Unable to complete the action because the value entered for Id is invalid

Resolution

Ignore the issue and complete downloading or installing Update Manager.

Issue 12

The REST API call to get list of supported devices from base catalog returns an empty list with count 0 when the input catalog does not support any of the discovered devices or the total number of discovered devices is more than the maximum supported count in Update Manager.

Resolution

Ensure that the input base catalog supports the managed devices and total number is within the maximum supported range.

Issue 13

If an **Advanced Filters** is applied on the **Repository** view page with repositories in collapsed view, then **Delete** tab remains enabled even if there are no items applicable to the Filter. On clicking the tab, the Delete window does not list any repository.

Resolution

Expand the repositories before using delete operation with **Advanced filters**.

Issue 14

Scoped DM users cannot view the Update Manager generated alerts for refresh, and storage space exceeded.

Resolution

View information about refresh and storage exceeds from the Audit logs.

Issue 15

The new version of generated catalog after the import, or delete operation in the Update Manager, contains the details of deprecated Dell update package(DUP) components if an older version of base catalog is used during repository creation containing deprecated DUPs.

Resolution

Delete the deprecated components of DUP from the repository.

Issue 16

The download of deprecated DUPs for the repository created with an SUU catalog from network share fails, if any created repository before from online catalog refers to deprecated DUPs and download had failed.

Resolution

Delete all older versions of repository containing the deprecated DUPs, so that there is no reference of the same DUPs in any version.

Issue 17

If the Dell EMC OpenManage Enterprise (OME) is upgraded from version 3.8 and above, then the Update Manager plug-in (UMP) version 1.1 that is installed from network share is not supported and does not get disabled on **Console and plugins** page.

Resolution

Recommends disabling the installed UMP version and use the current available version of UMP.

Issue 18

Few Dell driver components such as chipset, video driver may not get listed in repository created for the discovered Dell PowerEdge servers of 12th generation.

Resolution

Install the Dell drivers manually and then rediscover or rerun the inventory operation in Dell EMC OpenManage Enterprise console. You can now update or create a repository.

Issue 19

Baselines that are created with device manager privileges in UMP v1.0 are not visible after upgrading to UMP version 1.1 and above.

Resolution

To view the baselines, perform either the refresh, import, or delete operation on the repository that contains the baseline.

Issue 20

The import of iDRAC9 DUP v 5.00 or above to a bundle for latest PowerEdge 15G platforms fails, if the import is performed after deleting iDRAC and the repository does not contain the dependency of older iDRAC DUPs such as iDRAC v 3.30 or above.

Resolution

Refreshing repository when a new catalog is available, adds iDRAC component to the repository.

Issue 21

If you create a repository for MX7000 chassis using an offline share base catalog, generated by DRM v3.3.2 or below, then the MX7000 bundle name shows as **null null (OS INDEPENDENT)** in console UI and the baseline creation fails.

Resolution

Recommends using **Online Enterprise catalog** or a solution catalog like **ValidatedMXStack Catalog** as base catalog for MX7000 chassis.

Issue 22

If the Dell devices managed with Dell EMC OpenManage Enterprise console have large number of components, then **Create Repository** operation in UMP gives an application timeout error and the console UI becomes unresponsive with **Please wait** message.

Resolution

UMP supports a limited number of device components for scalability. Recommends you to restart the OpenManage Enterprise console if it becomes unresponsive after any timeout errors.

Issue 23


After upgrading OME with compatible UMP, unable to view the driver components in existing baselines and create repositories in UMP for In-band PowerEdge servers running on Windows server OS, discovered in OME v3.7 and older versions.

Resolution

After upgrading to OME v3.8 or later with the compatible version of UMP, to view the driver components in existing baselines and to create repositories in UMP:

1. In OME, select **Monitor > Inventory**.
2. Select the **Collect driver inventory** checkbox, and then run an inventory job.
3. After running the inventory job, create a repository in UMP or refresh the existing repositories to view the driver components.

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.

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