



VMware vCloud Usage Meter 3.6.1 Hot Patch 4 Release Notes

VMware vCloud Usage Meter | 30 MAR 2020 | Build 15866259

Check for additions and updates to these release notes.

What's in the Release Notes

The release notes cover the following topics:

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What's New

vCloud Usage Meter 3.6.1 Hot Patch 4 delivers the bug fixes from vCloud Usage Meter 3.6.1 Hot Patch 1, vCloud Usage Meter 3.6.1 Hot Patch 2, and vCloud Usage Meter 3.6.1 Hot Patch 3. This release of vCloud Usage Meter also includes improvements in the NSX, vRealize Operations Manager, vCenter Server, and vSAN metering capabilities. Hot Patch 4 introduces support of:

UPDATED

- VMware Cloud Director 10.1
- Site Recovery Manager 8.3
- TLS 1.1 and TLS 1.2
- Notification capability for the metered vCloud Availability instances

The list of VMware products and versions for which vCloud Usage Meter can generate usage reports is published to the [VMware Product Interoperability Matrixes](#).

Before Installing This Hot Patch

- Back up or take a snapshot of the source vCloud Usage Meter appliance that you want to upgrade. For more information, see [Back up the vCloud Usage Meter Database](#).
- Verify that the SSH protocol on the vCloud Usage Meter appliance is enabled.
- Verify that the root access to the vCloud Usage Meter appliance is enabled.

Upgrade to This Hot Patch

You can install vCloud Usage Meter 3.6.1 Hot Patch 4 as an in-place upgrade on top of:

- vCloud Usage Meter 3.6.1 (Build 7359407)
- vCloud Usage Meter 3.6.1 Hot Patch 1 (Build 8244445)
- vCloud Usage Meter 3.6.1 Hot Patch 2 Preview (Build 11273621)
- vCloud Usage Meter 3.6.1 Hot Patch 2 (Build 11832189)
- vCloud Usage Meter 3.6.1 Hot Patch 3 (Build 14877528)

Important:

Direct upgrade from vCloud Usage Meter 3.5 to this hot patch is not supported. To upgrade from vCloud Usage Meter 3.5 to this hot patch, you must first:

1. Deploy vCloud Usage Meter 3.6.1 (Build 7359407).
2. Migrate the product configuration data from vCloud Usage Meter 3.5 to vCloud Usage Meter 3.6.1 (Build 7359407).

Procedure:

1. Download the vCloudUsageMeter-3.6.1.0-15866259-hot_patch_4.zip archive.
2. Log in to the vCloud Usage Meter console **asroot**.
3. Start the sshd service in the vCloud Usage Meter appliance by running the following command:
`service sshd start`
4. Use sha1sum to verify the consistency of the ZIP archive.
`sha1sum vCloudUsageMeter-3.6.1.0-15866259-hot_patch_4.zip`
5. Upload the ZIP archive to the vCloud Usage Meter appliance by using scp software, such as WinSCP.
6. Unzip the archive by running the following command in the appliance:
`unzip vCloudUsageMeter-3.6.1.0-15866259-hot_patch_4.zip`
7. Use sha1sum to verify the consistency of the vCloudUsageMeter-3.6.1.0-15866259-hot_patch_4.rpm package:
`sha1sum vCloudUsageMeter-3.6.1.0-15866259-hot_patch_4.rpm`
8. Change the user to **root** or use **sudo** to run the RPM installation.
9. Install the RPM package.
Important: Upgrading by executing the `rpm --upgrade` command is not supported.
 - If you are upgrading from vCloud Usage Meter 3.6.1 (Build 7359407), vCloud Usage Meter 3.6.1 Hot Patch 1 (Build 8244445), vCloud Usage Meter 3.6.1 Hot Patch 2 (Build 11832189), or vCloud Usage Meter 3.6.1 Hot Patch 3 (Build 14877528), run the command:
`rpm --install vCloudUsageMeter-3.6.1.0-15866259-hot_patch_4.rpm`
 - If you are upgrading from vCloud Usage Meter 3.6.1 Hot Patch 2 Preview (Build 11273621), run the command:
`rpm --install --force vCloudUsageMeter-3.6.1.0-15866259-hot_patch_4.rpm`
10. Verify that the vCloud Usage Meter service is up and running by executing the following command:
`service tomcat status`
Important: If the verification fails with an stopped error message, restore the source vCloud

Usage Meter appliance from the latest snapshot, and repeat step 2 to step 10.

Resolved Issues

- **The product consumption data for NSX Manager might be missing**

If your NSX transport zone is configured with more than one host cluster, the product consumption data for NSX Manager might be missing from the Monthly Usage Report (MUR) or from the Virtual Machine History Report (VMHR).

- **Sending a test email to VMware to validate the updated settings for the outgoing email server fails**

When you enable your email server to send emails over TLS, updating the outgoing email server configuration in the vCloud Usage Meter Web application fails with an Unable to send an email because of: Could not convert socket to TLS error message, and you cannot configure an outgoing email server.

The issue occurs because previous versions of vCloud Usage Meter use TLS 1.0 as the default TLS version, where TLS 1.0 is not supported by the email server.

- **vCloud Usage Meter cannot collect data from vCenter Server**

On the **Monitor** tab in the vCloud Usage Meter Web application, you might see an error message that indicates that vCloud Usage Meter cannot collect consumption data from the registered vCenter Server instance.

Problem sending change sets: java.util.concurrent.TimeoutException: Futures timed out after [300000 milliseconds].

- **After the vRealize Operations Manager is decommissioned, virtual machines might still be reported as if vRealize Operations Manager manages them**

In the VMHR, VMs are reported as managed by vRealize Operations Manager, even after vRealize Operations Manager is decommissioned and unregistered from the associated vCenter Server instance.

- **vCloud Usage Meter meters a vSAN instance with an advanced feature enabled as a Standard bundle instead of an Advanced bundle**

In the MUR, the vSAN instances with an erasure coding feature or an IOPS Limit feature enabled are reported as a Standard bundle instead of an Advanced bundle.

Known Issues

See the [vCloud Usage Meter 3.6 Release Notes](#), the [vCloud Usage Meter 3.6.0.1 Release Notes](#), and the [vCloud Usage Meter 3.6.1 Release Notes](#) for *Known Issues*.

- **Tomcat service restarts automatically every hour**

The Tomcat service in the vCloud Usage Meter appliance restarts automatically approximately every hour. In the um.log file you can see an information message:

VMware vCloud Usage Meter 3.6.1 Build 15866259 starting

Workaround: This issue is resolved in vCloud Usage Meter Hot Patch 5.

