



# VMware vCloud Usage Meter 3.6.1 Hot Patch 2 Release Notes

VMware vCloud Usage Meter| 24 JAN 2019| Build 11832189

Check for additions and updates to these release notes.

## What's in the Release Notes

The release notes cover the following topics:

- [About vCloud Usage Meter Hot Patch 2](#)
- [Before Installing this Hot Patch](#)
- [Operational Limits of this Hot Patch](#)
- [Upgrade to this Hot Patch](#)
- [Resolved Issues](#)
- [Known Issues](#)

## About vCloud Usage Meter Hot Patch 2

vCloud Usage Meter 3.6.1 Hot Patch 2 delivers the bug fixes from vCloud Usage Meter 3.6.1 Hot Patch 1, as well as new bug fixes for vCloud Usage Meter 3.6.1. For more information about vCloud Usage Meter Hot Patch 1, see [Metering vCloud Director 9.1 with vCloud Usage Meter 3.6.1](#).

If you have encountered any of the introduced resolved issues, you must upgrade to vCloud Usage Meter Hot Patch 2, .

## Before Installing this Hot Patch

- Create a backup of your vCloud Usage Meter appliance.
- Verify that the SSH protocol on the vCloud Usage Meter appliance is enabled.
- Verify that root access to the vCloud Usage Meter appliance is enabled.

Migration of vCloud Usage Meter appliance configuration or usage data is not required.

## Operational Limits of this Hot Patch

The following operational limits are discovered through rigorous testing of different metering operations.

## NSX Manager IP sets

vCloud Usage Meter 3.6.1 Hot Patch 2 can scale up a single NSX Manager instance with up to 4000 IP sets.

## vCenter Server

vCloud Usage Meter 3.6.1 Hot Patch 2 supports up to 7 vCenter Server appliances in linked mode.

## Product Consumption Reports

vCloud Usage Meter 3.6.1 Hot Patch 2 can generate Product Consumption reports for up to 1 500 000 captured events per month.

- Customer Monthly Usage Report generation takes up to 10 minutes.
- Monthly Usage Report generation takes up to 20 minutes.
- Virtual Machine History Report generation takes up to 5 minutes.

## Upgrade to this Hot Patch

vCloud Usage Meter 3.6.1 Hot Patch 2 is installed as an in-place upgrade. You can install vCloud Usage Meter Hot Patch 2 on vCloud Usage Meter 3.6.1 (Build 7359407), on vCloud Usage Meter 3.6.1 Hot Patch 1 (Build 8244445) or on vCloud Usage Meter 3.6.1 Hot Patch 2 Preview (Build 11273621).

To install the vCloud Usage Meter 3.6.1 Hot Patch 2 appliance, follow the steps:

1. Download the *vCloudUsageMeter-3.6.1.0-11832189-hot\_patch\_2.zip* archive.
2. Log in to the vCloud Usage Meter console as **root**.
3. Start the sshd service in the vCloud Usage Meter appliance by running the following command:  
`service sshds start`
4. Use the sha1sum to verify the consistency of the ZIP archive.
5. By using an scp software such as *WinSCP*, upload the ZIP archive to the vCloud Usage Meter appliance.
6. Unzip the archive by running the following command on the appliance:  
`unzip vCloudUsageMeter-3.6.1.0-11832189-hot_patch_2.zip`
7. Use sha1sum to verify the consistency of the *vCloudUsageMeter-3.6.1.0-11832189-hot\_patch\_2.rpm* package:  
`sha1sum vCloudUsageMeter-3.6.1.0-11832189-hot_patch_2.rpm`
8. Change the user to root or use sudo to run the RPM installation.
9. Install the RPM package.  
Do not upgrade by executing `rpm --upgrade` command.
  - If you are upgrading from vCloud Usage Meter 3.6.1 (Build 7359407) or vCloud Usage Meter 3.6.1 Hot Patch 1 (Build 8244445), run the command:  
`rpm --install vCloudUsageMeter-3.6.1.0-11832189-hot_patch_2.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-3.6.1.0-11832189-hot_patch_2.rpm`

10. To verify that the vCloud Usage Meter service is up and running, run the following command:

```
service tomcat status
```

## Resolved Issues

- [Collection Issues](#)
- [Reporting Issues](#)
- [Security Issues](#)

The resolved issues are grouped as follows.

### ***Collection Issues***

- **NSX consumption data collection fails**

vCloud Usage Meter 3.6.1 fails to collect consumption data from the NSX Manager instance with the error message:

vCenter Server 0.0.0.0 Collection didn't finish successfully. Please check the log.

The collector log shows timing out during NSX Manager collection.

This can happen when in your vCloud Usage Meter 3.6.1 environment you have an NSX Manager instance with more than 1000 IP sets.

- **vCenter Server consumption data collection fails**

vCloud Usage Meter 3.6.1 fails to collect consumption data from vCenter Server with the error message:

Client received SOAP Fault from server: A general system error occurred: Operation timed out Please see the server log to find more detail regarding exact cause of the failure.

This can happen if your vCenter Server instances are in linked mode. During the consumption data collection, vCloud Usage Meter makes calls to vCenter Server and vCenter Server makes calls to the License service. As a result, the License service fails with a timeout exception.

- **vCloud Usage Meter 3.6.1 Hot Patch 1 does not meter vSAN**

vCloud Usage Meter 3.6.1 Hot Patch 1 fails to meter vSAN, and you might receive the following error message vCenter does not have any clusters to collect vSAN usage from .

This can happen if in your vCenter Server you have both a vSAN enabled cluster and a cluster without vSAN.

### ***Reporting Issues***

- **Auto reporting or manual generation of reports in vCloud Usage Meter fails**

Generating auto reports or manual reports fails with one of the following behaviors:

- You receive an e-mail with the subject Usage Meter at your\_IP restart .
- You receive an error message Fatal: the database system is shutting down.
- You receive a Tomcat error log OutOfMemoryError.
- Your vCloud Usage Meter appliance restarts on its own.

- You might observe high memory usage or high CPU usage.

## ***Security Issues***

- **TLS 1.0 is enabled in vCloud Usage Meter 3.6.x**

After you reboot your vCloud Usage Meter 3.6.x appliance, TLS 1.0 is automatically enabled.

## **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*.

Copyright © 2022 VMware, Inc. All rights reserved.