VMware vRealize Operations Management Pack for VMware vSphere Replication 8.3 Release Notes

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📅 Updated on 08/25/2021

> VMware vRealize Operations Management Pack for VMware vSphere Replication 8.3 | 2 APRIL 2020 | Build 15892500 | [Download](#)
>
> Check frequently 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

The vRealize Operations Management Pack for vSphere Replication 8.3 provides the following new features:

- The vRealize Operations Management Pack for vSphere Replication 8.3 adds support for vRealize Operations 8.0.
- New views in the vSphere Replication dashboards, displaying top 10 VMs with RPO violation.
- Explore replication details per VM, including Replication Lag time metric.

About the VMware vRealize Operations Management Pack for VMware vSphere Replication 8.3

The VMware vRealize Operations Management Pack for VMware vSphere Replication 8.3 allows VMware administrators to monitor the health and current status of their underlying vSphere Replication environment in VMware vRealize Operations Manager.

By using the vRealize Operations Management Pack for VMware vSphere Replication 8.3, you can explore replication details per VM, such as direction of replication, replication status, and Recovery Point Objective (RPO) violations. You can also monitor replication metrics, such as transferred bytes, last instance sync points, last sync duration, and last sync size.

By using the pack, you get visibility on replication settings such as RPO, multiple points in time (MPIT), quiescing, and network compression.

In addition, you see alarms when vSphere Replication health or a replication status is in Error state, or if there is an RPO violation.

The vRealize Operations Management Pack for vSphere Replication 8.3 release runs with VMware vRealize Operations Manager 8.0. For more information on interoperability with earlier or later releases of VMware vRealize Operations Manager, see the [VMware Product Interoperability Matrices](#).

You can download the vRealize Operations Management Pack for vSphere Replication 8.3 from the [download](#) page.

Installation and Configuration

The VMware vRealize Operations Management Pack for VMware vSphere Replication 8.3 software requires VMware vRealize Operations Manager 8.0, and vSphere Replication 8.3. For information on installing VMware vRealize Operations Manager 8.0, see [Installing vRealize Operations Manager](#) in the vRealize Operations Manager documentation. For information on installing vSphere Replication 8.3, see [Installing and Uninstalling vSphere Replication](#) in the VMware vSphere Replication documentation.

The VMware vRealize Operations Management Pack for VMware vSphere Replication 8.3 software is distributed as PAK file. You install and configure the management pack by using the vRealize Operations Manager interface.

1. Log in to vRealize Operations Manager.
2. Select **Administration** > **Solutions** > **Repository** in the left pane.
3. Click **Add a Management Pack**.
4. Navigate to the `vrAdapterPak-8.3.0.x.pak` file and click **Upload**. When the PAK file is uploaded, click **Next**.

Cookies Settings

After the installation completes you must configure the VMware vRealize Operations Management Pack for vSphere Replication 8.3 so that vRealize Operation Manager can collect data from the target system. The minimum role required to collect data is the **VRM replication viewer**. For more information on roles and permissions, see [vSphere Replication Roles and Permissions](#).

1. Select **Administration,** then **Solutions > Other Accounts** in the left pane.
2. Click **Add account.**
3. Select **vSphere Replication Adapter.**
4. Enter the required information and click **Add.**

Caveats and Limitations

- **Transferred bytes (MB)** metric for Virtual Machines displays data only for outgoing replications. Data for incoming replications is displayed at 0. **Transferred bytes (MB)** metric for VRMS Site includes data only for outgoing replications.
- In Environment view, under **Replications** and **Virtual Machines** you can see the Single vCenter Server Instance Replications twice, because they are both Incoming and Outgoing for the connected vSphere Replication Server.
- For the **RPO Violations Count**, **Transferred Bytes (per VM)** and **Transferred Bytes (per site)** metrics, the granularity of the statistical data depends on the **rrd-updater-interval** parameter. The parameter is defined in the `/opt/vmware/hms/conf/hms-configuration.xml` configuration file. This parameter controls the interval, at which the statistical data is saved. By default, the value is set to 5 minutes, but it can be changed if needed.

Network Port

VMware vRealize Operations Management Pack for vSphere Replication uses port 8043 (protocol HTTPS) to connect to the vSphere Replication Management Server.

Additional Information

The **Replication Lag Time metric** (measured in minutes) is the period between the time when the replication cycle started and the current time. This metric is impacted by the configured collection cycle in the vRealize Operations Management Pack.

Known Issues

- **You cannot configure the vSphere Replication adapter**

  When you try to configure the vSphere Replication adapter, the process fails with the following error:

  `Cannot verify login credentials. The authentication service infrastructure is not responding`

  This error might occur due to the case-sensitive vCenter Server credentials.

  Workaround: Verify that your vCenter Server credentials are correct. You can check the lowercase and uppercase letters, for example administrator@vsphere.local instead of Administrator@vsphere.local.

- **You cannot upgrade from vRealize Operations Management Pack for VMware vSphere Replication 8.2.0.1 or earlier**

  If you are using vRealize Operations 8.0 or later, the upgrade process from vRealize Operations Management Pack for VMware vSphere Replication 8.2.0.1 or earlier is not supported.
  If you are using vRealize Operations 7.6 or earlier, the upgrade process from vRealize Operations Management Pack for VMware vSphere Replication 8.2 or earlier is not supported.

  Workaround: Uninstall the vRealize Operations Management Pack for VMware vSphere Replication and install the latest supported version of the vRealize Operations Management Pack for VMware vSphere Replication.

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