

VMware vRealize Orchestrator Plug-In for vSphere Replication 8.4 Release Notes

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VMware vRealize Orchestrator Plug-In for vSphere Replication 8.4 | 09 MAR 2020 | Build 17638044 | [Download](#)

vRealize Orchestrator Appliance 8.3 | 4 February 2021 | Build 17535332 | [Release Notes](#)

VMware vSphere Replication 8.4 | 09 MAR 2020 | Build 17703102 | [Release Notes](#)

Check frequently for additions and updates to these release notes.

What's in the Release Notes

The release notes cover the following topics:

- [What's New](#)
- [Introduction to the VMware vRealize Orchestrator Plug-In for vSphere Replication 8.4](#)
- [Installation](#)
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What's New

- To facilitate vRealize Automation integration, the authentication mechanism has been detached from the vCenter vRealize Orchestrator plug-in endpoint configuration.
- Improved **Configure Replication** workflow - enabled configuration and reconfiguration of datastore per disk and storage policy per disk.

Introduction to the VMware vRealize Orchestrator Plug-In for vSphere Replication 8.4

The VMware vRealize Orchestrator Plug-In for vSphere Replication allows VMware administrators to simplify the management of their vSphere Replication infrastructure by leveraging the robust workflow automation platform of vRealize Orchestrator. The vRealize Orchestrator Plug-In for vSphere Replication extends automation capabilities for certain vSphere Replication operations by including them in vRealize Orchestrator workflows. The plug-in also delivers pre-built out-of-the-box building blocks and complete workflows that cover certain existing vSphere Replication actions.

The vRealize Orchestrator Plug-In for vSphere Replication 8.4 release runs with the latest version of VMware vRealize Orchestrator (8.3).

You can download the vRealize Orchestrator Plug-In for vSphere Replication 8.4 from the [download](#) page.

For information about creating workflows by using vRealize Orchestrator, see the [vRealize Orchestrator documentation](#).

For more information on the supported workflows, see the [Featured Workflows](#) section.

For more information on the compatibility between the VMware vRealize Orchestrator Plug-In for vSphere Replication and vRealize Orchestrator Appliance, see the [compatibility matrix](#).

Installation

The Orchestrator Plug-In for vSphere Replication software requires vRealize Orchestrator 8.3, and vSphere Replication 8.4. For information on installing vRealize Orchestrator, see the [vRealize Orchestrator documentation](#). For information on installing vSphere Replication 8.4, see [Installing and Setting Up vSphere Replication](#) in the VMware vSphere Replication documentation.

The Orchestrator Plug-In for vSphere Replication software is distributed as Orchestrator application file. Install and configure the plug-in by using the Orchestrator configuration interface.

After you install the Orchestrator Plug-In for vSphere Replication, the plug-in automatically discovers the vSphere Replication instances on all vCenter Servers that are currently registered.

After you install the Orchestrator Plug-In for vSphere Replication, you find the vSphere Replication workflows in the vRealize Orchestrator UI:

1. Go to **Library > Workflows**
2. Search for the workflow by name or switch to tree view from the top right icon. In tree view you can find the workflows under **Library > vSphere Replication** folder.

Before you can run vSphere Replication workflows, which interact with remote sites, you must register the remote site, by running workflow from **Library > vSphere Replication > Remote Site Management > Register VC Site**.

Note: The vRealize Orchestrator user, which is used to register the vCenter Server sites in vRealize Orchestrator must have the privilege **Sessions.ValidateSession** and the **VRM Administrator** role (or all the privileges of the VRM Administrator role). The user must have the privileges on all vCenter Server instances in the vRealize Orchestrator inventory, otherwise the vRealize Orchestrator Plug-in for vSphere Replication does not populate the vSphere Replication inventory objects in vRealize Orchestrator.

Even if you want to configure replication to the same site, you must register it by selecting **self pair** in the Site field. Then, you must log in to the remote site by running the **Login to VC Site** workflow. You must run this workflow only once per vRealize Orchestrator user.

Note: vRealize Orchestrator communicates with the vSphere Replication appliance over port 8043.

Featured Workflows

The vRealize Orchestrator plug-in provides out-of-the-box workflows to help customers automate vSphere Replication operations. Below are some of the implemented workflows.

- Remote Site Management workflows:
 - i. Log in to a vCenter Server site
- Configure Replication workflows:
 - i. Reconfigure Replication
- Pause Replication workflows
- Resume Replication workflows
- Stop Replication workflows
- Replication Details Workflows
 - i. Check Replication Status
 - ii. Get Replication Configuration
 - iii. Get Replication List

Known Issues

The known issues are grouped as follows.

- [General](#)
- [Known Issues from Previous Releases](#)

General

- **NEW** You cannot select the same options twice for Disk format per disk, Storage profile per disk or Target datastore per disk, when running the **Configure Replication** or **Reconfigure Replication** workflows with the **Per disk configuration** option enabled

When you run the **Configure Replication** or **Reconfigure Replication** workflows with the **Per disk configuration** option enabled and you try to select options for the **Disk format per disk**, **Storage profile per disk** and **Target datastore per disk** arrays, you cannot select the same options twice and you get an error message.

Workaround 1: Use the **Configure Replication** or **Reconfigure Replication** workflows with the **Per disk configuration** options deactivated.

Workaround 2: Use the vRealize Orchestrator scripting objects.

- **NEW** The **Get Replication List** workflow and the vRealize Orchestrator inventory display inconsistent results

When you add both paired vCenter Server instances to vRealize Orchestrator, you might observe inconsistent results when you run the **Get Replication List** workflow, as well as inconsistent replication information in the vRealize Orchestrator inventory.

Workaround: Add only one of the paired vCenter Server instances to the vRealize Orchestrator.

- **You cannot configure a virtual machine for replication**

vRealize Orchestrator does not display the VC:VirtualMachine inventory browser for VMware Cloud on AWS (SDDC Version 1.11) or vCenter Server 7.0.1. As a result, you are not able to configure a virtual machine for replication using the vRealize Orchestrator Plug-In for vSphere Replication.

Workaround: Upgrade your vCenter Server plug-in to version 6.5.0-16613969 (built 2020-07-21). For more information, see <https://communities.vmware.com/docs/DOC-32872>.

- **Configure Replication workflow and/or Reconfigure Replication workflow fail with an error**

If you are running vRealize Orchestrator 8.1 and you try to run the **Configure Replication** workflow and/or the **Reconfigure Replication** workflow, it fails with the following error:

```
problem invoking action com.vmware.o11n.forms/evalOGNL;
```

Workaround: Upgrade to vRealize Orchestrator 8.1.0 Patch 1.

- **Protect Multiple VMs or Reconfigure Replication workflows contain empty drop-down menus**

When you try to execute the **Protect Multiple VMs** or **Reconfigure Replication** workflows on vRealize Orchestrator 8.0.1, some of the drop down menus might be empty.

Workaround: In the empty field, start typing part of the name of the item that you are looking for.

When you try to run the **Reconfigure Replication** workflow in vRealize Orchestrator 8.0, the replication values do not load.

Workaround: Upgrade vRealize Orchestrator 8.0 to vRealize Orchestrator 8.0.1.

- **Reconfigure Replication workflow fails with an error**

When you try to run the **Reconfigure Replication** workflow in vRealize Orchestrator 8.0.1, you receive the following error:

Login attempt failed

Workaround: Deselect and select the replication again.

- **You might see an error in the vSphere Replication inventory of the vRealize Orchestrator after replacing a vSphere Replication management server certificate at the local site of a pair**

If for some reason you change the certificate of the vSphere Replication management server at the local site of a replication pair, you might not be able to see the pair in the vSphere Replication inventory of the vRealize Orchestrator. You see an error similar to:

Unable to execute 'fetchRelation' for type : Site : com.vmware.vim.vmomi.client.exception.SslException:
com.vmware.vim.vmomi.core.exception.CertificateValidationException: Server certificate chain is not trusted and thumbprint doesn't match

Stale certificates in the vRealize Orchestrator inventory cause the issue.

Workaround:

1. Restart the vRealize Orchestrator server:
 1. Launch a console to the virtual machine on which the vRealize Orchestrator server is installed.
 2. Log in to the console as root.
 3. Run the command `service vco-server restart` to restart the vRealize Orchestrator server.
2. Restart the Orchestrator client. Wait for the validation to complete. You can monitor validation progress at this url pattern: `https://{your vRealize Orchestrator server address}:8283/vco-controlcenter/config/#/control-app/validate`
3. In case the vSphere Replication management server is in a pair with another vSphere Replication management server, you must reconnect the pair.
4. In the vRealize Orchestrator inventory, unregister the old server entries and register the new ones.

Known Issues from Previous Releases

To view a list of previous known issues, click [here](#).



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