


VMware vRealize Orchestrator Plug-In for vSphere Replication 8.1.1 Release Notes

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VMware vRealize Orchestrator Plug-In for vSphere Replication 8.1.1 | 6 NOV 2018 | Build 10631869 | [Download](#)

VMware vRealize Orchestrator 7.5 Appliance | 20 SEP 2018 | Build 10110089 | [Release Notes](#)

VMware vSphere Replication 8.1.1 | 6 NOV 2018 | Build 10721838 | [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:

- [Introduction to the VMware vRealize Orchestrator Plug-In for vSphere Replication 8.1](#)
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Introduction to the VMware vRealize Orchestrator Plug-In for vSphere Replication 8.1.1

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 8.1.1 release runs with VMware vRealize Orchestrator 7.5.

You can download the vRealize Orchestrator Plug-In for vSphere Replication 8.1 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.

What's New in the VMware vRealize Orchestrator Plug-In for vSphere Replication 8.1.1

The vRealize Orchestrator Plug-In for vSphere Replication 8.1.1 is compatible with VMware vRealize Orchestrator 7.5.

Note: For interoperability with earlier or later releases of vRealize Orchestrator, see the [Compatibility Matrices for vSphere Replication 8.1.x](#).

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

Installation

The Orchestrator Plug-In for vSphere Replication software requires vRealize Orchestrator 7.5, and vSphere Replication 8.1. For information on installing vRealize Orchestrator, see the [vRealize Orchestrator documentation](#). For information on installing vSphere Replication 8.1, see [Install vSphere Replication](#) in the VMware Site Recovery documentation.

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

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

1. Go to **vRealize Orchestrator > Workflows** view in the vSphere Web Client.
2. Expand the hierarchy to navigate to the **vRO Servers > vco_server > Library > vSphere Replication** folder.

Before you can run vSphere Replication workflows, which interact with remote sites, you must register the remote site, by running the corresponding workflow from **Library > VR > Remote Site Management**. You must run this workflow only once per vRealize Orchestrator user.

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.

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.

- Pair Site workflow:
 - i. Pair with an on-premise vCenter Server site
 - ii. Pair with a Cloud site
- Configure Replication workflow:
 - i. Between on-premise vCenter Server datacenters
 - ii. From an on-premise vCenter Server datacenter to Cloud
 - iii. From Cloud to an on-premise vCenter Server datacenter
- Pause Replication workflow:
 - i. Pause replication to on-premise vCenter Server datacenters
 - ii. Pause replication from Cloud
 - iii. Pause replication to Cloud
- Resume Replication workflow:
 - i. Resume replication to on-premise vCenter Server datacenters
 - ii. Resume replication from Cloud
 - iii. Resume replication to Cloud
- Reverse Replication workflow:
 - i. From Cloud to an on-premise vCenter Server datacenter
- Planned Migration workflow:
 - i. From an on-premise vCenter Server datacenter to Cloud
 - ii. From Cloud to an on-premise vCenter Server datacenter
- Test Recovery workflow:
 - i. From an on-premise vCenter Server datacenter to Cloud
 - ii. From Cloud to an on-premise vCenter Server datacenter
- Cleanup of test instances:
 - i. From an on-premise vCenter Server datacenter to Cloud
 - ii. From Cloud to an on-premise vCenter Server datacenter
- Real Recovery workflow:
 - i. From Cloud to an on-premise vCenter Server datacenter
 - ii. From an on-premise vCenter Server datacenter to Cloud
- Sync Replication workflow:
 - i. Full Sync from an on-premise vCenter Server datacenter to Cloud
 - ii. Full Sync between on-premise vCenter Server datacenters
 - iii. Offline Sync Replication from Cloud to an on-premise vCenter Server datacenter
 - iv. Offline Sync Replication from on-premise vCenter Server datacenter to Cloud
 - v. Offline Sync Replication between on-premise vCenter Server datacenters
 - vi. From Cloud to an on-premise vCenter Server datacenter
 - vii. From an on-premise vCenter Server datacenter to Cloud
 - viii. Between on-premise vCenter Server datacenters
- Unconfigure Replication workflow:
 - i. Between on-premise vCenter Server datacenters

- Workflows that do not require on-premise site:
 - i. Test Recovery for a virtual machine replicated in the Cloud
 - ii. Cleanup test recovery for a virtual machine replicated in the Cloud
 - iii. Real Recovery for a virtual machine replicated in the Cloud

Known Issues

The following issues are known to occur in the VMware vRealize Orchestrator Plug-In for vSphere Replication 8.1 release.

- **The vSphere Replication site is not shown in the inventory view when a new vCenter instance has been added to vRealize Orchestrator.**

Workaround: Restart the vRealize Orchestrator Server service.

- **Executing any of the unregister workflows from Library > vSphere Replication > Remote Site Management does not terminate the already established connection to the target site.**

Workaround: Restart the vRealize Orchestrator Server service.

- **When registering vCloud Air as a Standalone Org or a Remote Cloud Site and "Ignore certificate warnings" is set to "No", the following warnings appear:**

1) Untrusted certificate, with certificate info:

Validity : [From : Apr 23, 2013 To : Apr 27, 2016]
Organizational Unit :
Public key : RSA
Fingerprint (MD5) : 80 C1 77 2F 78 16 01 EB 9A 4B 88 E5 A3 E3 C0 29
Organization : VMware, Inc.
Common Name (6 characters min) : *.vchs.vmware.com
Country : US
Serial Number : 1B C3 C0 84
Alternative names :
[2, [2]*.vchs.vmware.com]
[2, [2]vchs.vmware.com]

2) Wrong site - saying that the certificate is issued to *.vchs.vmware.com

Workaround: Verify that the fingerprint is the same as the above, the validity is correct and continue with importing the certificate despite the warnings.



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