

# VMware vRealize Orchestrator Plug-In for vSphere Replication 8.1 Release Notes

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VMware vRealize Orchestrator Plug-In for vSphere Replication 8.1 | 17 APR 2018 | Build 8257617 | [Download](#)

VMware vRealize Orchestrator 7.4 Appliance | 12 APR 2018 | Build 8074344 | [Release Notes](#)

VMware vSphere Replication 8.1.0.1 | 20 APR 2018 | Build 8310693 | [Release Notes](#)

VMware vSphere Replication 8.1 | 17 APR 2018 | Build 8254953 | [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](#)
- [Installation](#)
- [Featured Workflows](#)
- [Known Issues](#)

## Introduction to the VMware vRealize Orchestrator Plug-In for vSphere Replication 8.1

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 release runs with VMware vRealize Orchestrator 7.3 or later.

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.

## Installation

The Orchestrator Plug-In for vSphere Replication software requires vRealize Orchestrator 7.3 or later, 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 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 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:** 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

- 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
  - ii. From an on-premise vCenter Server datacenter to Cloud
  - iii. From Cloud to an on-premise vCenter Server datacenter
- 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 F8 9A 4B 88 F5 A3 F3 C0 29

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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