

VMware vRealize Orchestrator Plug-In for vSphere Replication 6.5.1 Release Notes

 Updated on 11/09/2020

- VMware vRealize Orchestrator Plug-In for vSphere Replication 6.5.1.4 | 27 JUNE 2019 | Build 13984255 | [Download](#)
- VMware vRealize Orchestrator Plug-In for vSphere Replication 6.5.1.1 | 03 MAY 2018 | Build 8166040 | [Download](#)
- VMware vRealize Orchestrator Plug-In for vSphere Replication 6.5.1 | 27 JULY 2017 | Build 6014843 | [Download](#)
- VMware vRealize Orchestrator 7.4 Appliance | 12 APR 2018 | Build 8074344 | [Release Notes](#)
- VMware vRealize Orchestrator 7.3 Appliance | 16 MAY 2017 | Build 5521409
- VMware vSphere Replication 6.5.1.3 | 03 MAY 2018 | Build 8136506 | [Release Notes](#)
- VMware vSphere Replication 6.5.1.2 | 30 NOV 2017 | Build 7184801 | [Release Notes](#)
- VMware vSphere Replication 6.5.1.1 | 19 OCT 2017 | Build 6876646 | [Release Notes](#)
- VMware vSphere Replication 6.5.1 | 27 JULY 2017 | Build 6128267 | [Release Notes](#)
- Check frequently for additions and updates to these release notes.

For information about the vRealize Orchestrator Plug-In for vSphere Replication 6.5.1.x patch releases, see the corresponding section.

- [vRealize Orchestrator Plug-In for vSphere Replication 6.5.1.4 Express Patch Release](#)
- [vRealize Orchestrator Plug-In for vSphere Replication 6.5.1.1 Express Patch Release](#)

What's in the Release Notes

The release notes cover the following topics:

- [Introduction to the VMware vRealize Orchestrator Plug-In for vSphere Replication 6.5.1](#)
- [What's New in the VMware vRealize Orchestrator Plug-In for vSphere Replication 6.5.1](#)
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Introduction to the VMware vRealize Orchestrator Plug-In for vSphere Replication 6.5.1

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 6.5.1 release runs with VMware vRealize Orchestrator 7.3.

You can download the vRealize Orchestrator Plug-In for vSphere Replication 6.5.1 from the [download](#) page.

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

What's New in the VMware vRealize Orchestrator Plug-In for vSphere Replication 6.5

The vRealize Orchestrator Plug-In for vSphere Replication 6.5.1 is compatible with VMware vRealize Orchestrator 7.3.

Note: For interoperability with earlier or later releases of vRealize Orchestrator, see the [Interoperability Pages for vSphere Replication 6.5](#).

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

Installation

The Orchestrator Plug-In for vSphere Replication software requires vRealize Orchestrator 7.3, and vSphere Replication 6.5.1. For information on installing vRealize Orchestrator 7.3 see *Installing and Configuring VMware vRealize Orchestrator* in the vRealize Orchestrator documentation. For information on installing vSphere Replication 6.5.1, see [Installing and Uninstalling vSphere Replication](#) in the 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 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
 - ii. Pair with a vCloud Air site
- Configure Replication workflow:
 - i. Between on-premise vCenter Server datacenters
 - ii. From an on-premise vCenter Server datacenter to vCloud Air
 - iii. From vCloud Air to an on-premise vCenter Server datacenter
- Pause Replication workflow:
 - i. Pause replication to on-premise vCenter Server datacenters
 - ii. Pause replication from vCloud Air
 - iii. Pause replication to vCloud Air
- Resume Replication workflow:
 - i. Resume replication to on-premise vCenter Server datacenters
 - ii. Resume replication from vCloud Air
 - iii. Resume replication to vCloud Air
- Reverse Replication workflow:
 - i. From vCloud Air to an on-premise vCenter Server datacenter
- Planned Migration workflow:
 - i. From an on-premise vCenter Server datacenter to vCloud Air
 - ii. From vCloud Air to an on-premise vCenter Server datacenter
- Test Recovery workflow:
 - i. From an on-premise vCenter Server datacenter to vCloud Air
 - ii. From vCloud Air to an on-premise vCenter Server datacenter
- Cleanup of test instances:
 - i. From an on-premise vCenter Server datacenter to vCloud Air
 - ii. From vCloud Air to an on-premise vCenter Server datacenter
- Real Recovery workflow:
 - i. From vCloud Air to an on-premise vCenter Server datacenter
 - ii. From an on-premise vCenter Server datacenter to vCloud Air
- Sync Replication workflow:
 - i. Full Sync from an on-premise vCenter Server datacenter to vCloud Air
 - ii. Full Sync between on-premise vCenter Server datacenters
 - iii. Offline Sync Replication from vCloud Air to an on-premise vCenter Server datacenter
 - iv. Offline Sync Replication from on-premise vCenter Server datacenter to vCloud Air
 - v. Offline Sync Replication between on-premise vCenter Server datacenters
 - vi. From vCloud Air to an on-premise vCenter Server datacenter
 - vii. From an on-premise vCenter Server datacenter to vCloud Air

- i. Between on-premise vCenter Server datacenters
 - ii. From an on-premise vCenter Server datacenter to vCloud Air
 - iii. From vCloud Air to an on-premise vCenter Server datacenter
- Workflows that do not require on-premise site:
 - i. Test Recovery for a virtual machine replicated in vCloud Air
 - ii. Cleanup test recovery for a virtual machine replicated in vCloud Air
 - iii. Real Recovery for a virtual machine replicated in vCloud Air

Available Patch Releases

vSphere Replication 6.5.1.4 Express Patch Release

Released 27 JUNE 2019 | Build 13984255

The vRealize Orchestrator Plug-In for vSphere Replication 6.5.1.4 Express Patch Release is compatible with VMware vRealize Orchestrator 7.5 and VMware vRealize Orchestrator 7.6.

vSphere Replication 6.5.1.1 Express Patch Release

Released 3 MAY 2018 | Build 8166040

The vRealize Orchestrator Plug-In for vSphere Replication 6.5.1.1 Express Patch Release is compatible with VMware vRealize Orchestrator 7.4.

Known Issues

- **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.comWorkaround: 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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