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# VMware vRealize Orchestrator Plug-In for vSphere Replication 6.1 Release Notes

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VMware vRealize Orchestrator Plug-In for vSphere Replication 6.1 | 10 SEP 2015 | Build 3051862 | [Download](#)

VMware vRealize Orchestrator 6.0.3 | 10 SEP 2015 | Build 3000580

VMware vRealize Orchestrator 6.0.3 Appliance | 10 SEP 2015 | Build 3000579

VMware vSphere Replication 6.1 | 10 SEP 2015 | Build 3051487 | [Release Notes](#)

Check frequently for additions and updates to these release notes.

Last updated on: 13 FEB 2017

## What's in the Release Notes

The release notes cover the following topics:

- [Introduction to the VMware vRealize Orchestrator Plug-In for vSphere Replication 6.1](#)
- [Installation](#)
- [Featured Workflows](#)
- [Known Issues](#)

## Introduction to the VMware vRealize Orchestrator Plug-In for vSphere Replication 6.1

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 6.1 release runs with VMware vRealize Orchestrator 6.0.3.

You can download the vRealize Orchestrator plug-in for vSphere Replication 6.1 from the [download](#) page.

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

## Installation

The Orchestrator Plug-In for vSphere Replication software requires vRealize Orchestrator 6.0.3 and vSphere Replication 6.1.0. For information on installing vRealize Orchestrator 6.0.3, see *Installing and Configuring VMware vRealize Orchestrator* in the vRealize Orchestrator documentation. For information on installing vSphere Replication 6.1.0, 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:** The Orchestrator plug-in for vSphere Replication 6.1 does not provide site pairing workflows. You must use the vSphere Web Client to pair source and target sites before you can run vSphere Replication workflows for them.

**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.

[Cookies Settings](#)

- ii. From an on-premise vCenter Server datacenter to vCloud Air
  - iii. From vCloud Air to an on-premise vCenter Server datacenter
- 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
- Unconfigure 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
- 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

## Known Issues

The following issues are known to occur in the VMware vRealize Orchestrator Plug-In for vSphere Replication 6.1 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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