

VMware vRealize Orchestrator Plug-In for Site Recovery Manager 6.0 Release Notes

 Updated on 06/19/2017

VMware vRealize Orchestrator Plug-In for Site Recovery Manager 6.0.0.1a Patch Release| 18 DEC 2015 | Build 3342253 | [Download](#)

VMware vRealize Orchestrator Plug-In for Site Recovery Manager 6.0.0.1 Patch Release| 30 APR 2015 | Build 2700459 | [Download](#)

VMware vRealize Orchestrator Plug-In for Site Recovery Manager 6.0 | 12 MAR 2015 | Build 2580226

VMware vRealize Orchestrator 6.0.1 | 12 MAR 2015 | Build 2510741

VMware vRealize Orchestrator 6.0.1 Appliance | 12 MAR 2015 | Build 2510740

VMware vCenter Site Recovery Manager 6.0 | 12 MAR 2015| Build 2580226 | [Release Notes](#)

Last updated: 26 FEB 2016

Check frequently for additions and updates to these release notes.

For information about VMware vRealize Orchestrator Plug-In for Site Recovery Manager 6.0.0.1a patch release, see the corresponding section of these release notes.

- [Resolved Issues](#)

What's in the Release Notes

The release notes cover the following topics:

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Introduction to the VMware vRealize Orchestrator Plug-In for Site Recovery Manager 6.0

The VMware vRealize Orchestrator plug-in for Site Recovery Manager allows Site Recovery Manager administrators to simplify the management of their Site Recovery Manager infrastructure by extending the robust workflow automation platform of Orchestrator. You build these workflows by using the drag-and-drop capability of the workflow editor in the Orchestrator client. Orchestrator uses the plug-in to access the functionality of Site Recovery Manager and the Site Recovery Manager API. The included, pre-built workflows simplify the process to get you started with custom workflow creation.

The Orchestrator plug-in for Site Recovery Manager 6.0 release runs with VMware vRealize Orchestrator 6.0.1.

You can download the Orchestrator plug-in for Site Recovery Manager 6.0 from the [download](#) page.

Installation

The Orchestrator Plug-In for Site Recovery Manager software is distributed as Orchestrator application file.

Updated: The Orchestrator plug-in for Site Recovery Manager requires Component Manager. You must configure Orchestrator to use Component Manager, vCenter Single Sign-On, and the vCenter Server plug-in before you install the Orchestrator plug-in for Site Recovery Manager:

1. Go to the Orchestrator configuration interface at https://vRealize_Orchestrator_address:8283/vco-config.
2. Click **General > vSphere Configuration**, enter the URL for Component Manager and the vCenter Single Sign-On user name and password. Click **Look up data**.
3. Configure vCenter Single Sign-On and vCenter Server plug-in.
4. Click **General>Install Application** and browse to the vmoapp file for the Orchestrator Plug-In for Site Recovery Manager.

After you install the Orchestrator Plug-In for Site Recovery Manager, the plug-in automatically discovers the Site Recovery Manager Server instances on both sites.

NOTE: Orchestrator uses vCenter Single-Sign On. To use the Orchestrator Plug-In for Site Recovery Manager, use the vCenter Single Sign-On credentials to log into vSphere Web Client or the Orchestrator client.

After you install the Orchestrator Plug-In for Site Recovery Manager, you find the Site Recovery Manager 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 > SRM** folder.

Before you can run the Site Recovery Manager workflows, you must first run the **Library > SRM > Configuration > Login Remote Site** workflow to log into Site Recovery Manager on the remote site. You must run this workflow once per Orchestrator Client session. The Login workflow logs out of Site Recovery Manager when you log out of the Orchestrator client.

Example Workflows

The Orchestrator Plug-In for Site Recovery Manager includes example workflows in **Library > SRM > SRM Samples** that demonstrate how you can automate Site Recovery Manager operations by using Orchestrator.

- Create VM and Protect It:
 - i. Creates a virtual machine
 - ii. Adds the virtual machine to an existing protection group
- Create ABR Group, Protect Existing VMs, Add to Recovery Plan:
 - i. Creates an array-based protection group
 - ii. Protects the virtual machines in a given datastore by adding that datastore to the protection group
 - iii. Adds the new protection group to an existing recovery plan
- Post Provisioning SRM Configuration for VCAC Workflow
 - i. Determines whether a datastore is included in a Site Recovery Manager protection group when vCloud Automation Center provisions a virtual machine on that datastore.
 - ii. If so, configures protection on the virtual machine.
 - iii. Determines whether the protection group is included in a recovery plan.
 - iv. If so, parses any custom properties associated with the recovery plan to determine whether to customize the recovery settings of the virtual machine.
- Set Recovery Settings from VCAC VM Properties
 - Customizes the recovery settings with which to start the recovered virtual machine on the recovery site, based on the vCloud Automation Centre properties for that virtual machine.

Resolved Issues

The following issue has been fixed in the VMware vRealize Orchestrator Plug-In for Site Recovery Manager 6.0 release:

- **vRealize Orchestrator Plug-In for Site Recovery Manager times out with the error `SAML token is required for signing`**

After a period of inactivity of longer than 20 minutes, the vRealize Orchestrator Plug-In for Site Recovery Manager 5.8 times out. The error message is `SAML token is required for signing`. This has been fixed in the vRealize Orchestrator Plug-In for Site Recovery Manager 6.0 release.

- **The Orchestrator plug-in for vCloud Automation Center 6.1 in the embedded Orchestrator server in vCloud Automation Center 6.1 is incompatible with the Orchestrator plug-in for Site Recovery Manager 5.8.**

The Orchestrator plug-in for vCloud Automation Center 6.1 that is preinstalled in the Orchestrator server that is embedded in vCloud Automation Center 6.1 contains an issue that makes it incompatible with the Orchestrator plug-in for Site Recovery Manager 5.8. If you are using the preinstalled vCloud Automation Center plug-in and you try to run either of the Post Provisioning SRM Configuration for VCAC or the Set Recovery Settings from VCAC VM Properties workflows, the workflow fails with the error `"TypeError: Cannot read`

property "datastore" from null".

This has been fixed in the vRealize Orchestrator Plug-In for Site Recovery Manager 6.0 release.

VMware vRealize Orchestrator Plug-In for Site Recovery Manager 6.0.0.1a patch release fixes the following issue:

- **A credential error occurs if you change the default SSL certificate of your remote Platform Services Controller**

If you change the default SSL certificate of your Platform Services Controller on the remote Site Recovery Manager site and select **Library>SRM>Configuration>Login Remote Site** from your local Site Recovery Manager site, login to your remote Site Recovery Manager site fails.

The following message appears in the `/storage/log/vmware/vco/app-server/server.log` file of your vRealize Orchestrator Appliance

```
"com.vmware.vim.sso.client.exception.CertificateValidationException: The SSL certificate of STS service cannot be verified"
```

Known Issues

New: An error occurs if you call the `Server.findAllForType(string type, string query)` method

You cannot find an object by using only the type name. The following error occurs if you pass only the `type` argument to the `Server.findAllForType(string type, string query)` method : Unable to execute 'fetchAll' for type : ... : 'java.lang.NullPointerException'.

Workaround:

You must pass the optional `query` argument if you call the `Server.findAllForType(string type, string query)` method.

For example: `x = Server.findAllForType(type, "");`.