



Cohesity Backup as a Service

SovLabs vRealize Automation Extensibility Module

End User Guide



Request a VM with specified Cohesity Backup Job

The vRA administrator may have pre-configured vRA blueprint(s) with a specific Cohesity Backup Profile attached. The VM will be added to the specified Cohesity Protection Job(s)

1. Login to the vRA tenant
2. Click on the **Catalog** tab
3. Request a vRA blueprint with a specified Cohesity Backup Profile
 - a. The vRA blueprint will have a vRA Property Group attached starting with:
[SovLabs-Cohesity-](#)

Request a VM and specify a Cohesity Protection Job

The vRA administrator may have pre-configured vRA blueprint(s) to allow you to specify a Cohesity Protection Job at request time. The VM will be added to the specified Cohesity Protection Job.

1. Login to the vRA tenant
2. Click on the **Catalog** tab
3. Request a vRA blueprint that enables requesters to specify a Cohesity Protection Job
 - a. On the VM form, two fields should appear:
 - i. **Cohesity Cluster Endpoint**
 - ii. **Cohesity Protection Job**
4. Select the desired Cohesity Cluster Endpoint
5. Select the desired Cohesity Protection Job to add the VM to
 - a. *Drop-down gets auto-populated when a Cohesity Cluster Endpoint is selected
6. Go through the rest of the blueprint form details as normal
7. Click **Submit**




Screenshot

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Welcome, Jchambers. | Preferences

Home Catalog Items Requests Inbox Design Administration Infrastructure Containers

New Request



CentOS Cohesity

CentOS Cohesity

vSphere_Machine_1

vSphere Machine: vSphere_Machine_1

General Storage Properties

Instances: 1

CPUs: 1

* Memory (MB): 2048 (Select 2048-4096)

Storage (GB): 16

Description:

* Cohesity Cluster Endpo... Test

* Cohesity Protection Job: Test1

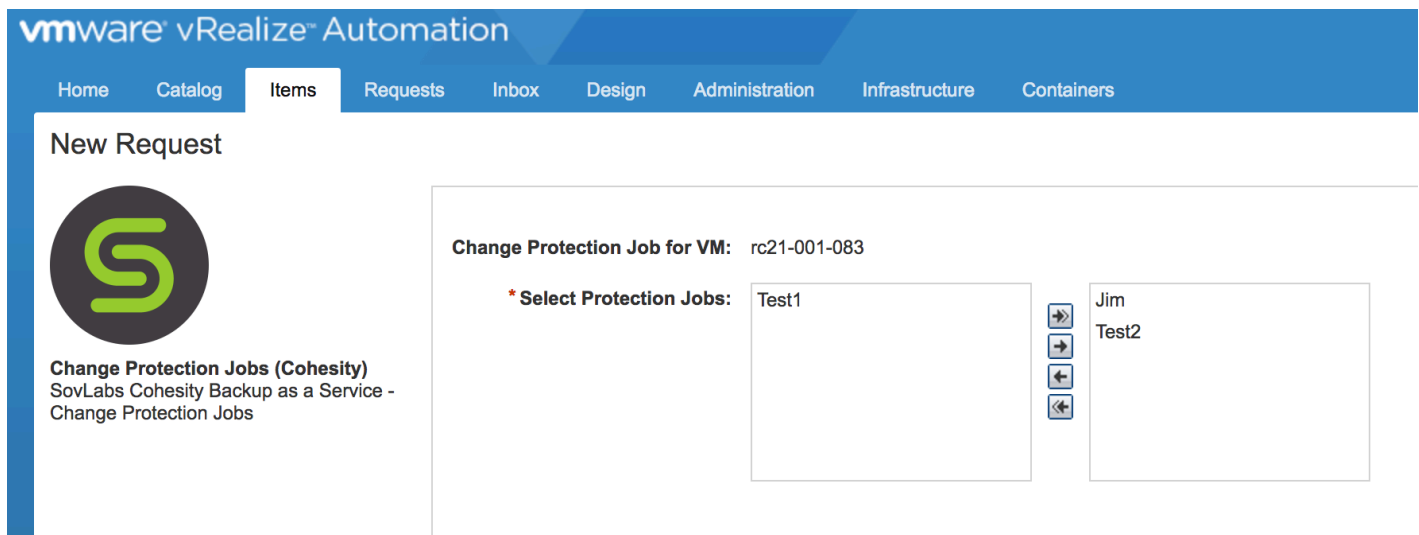


Change Protection Jobs for VM

Change a VM's Cohesity Protection Jobs. Once the process has started, it cannot be stopped.

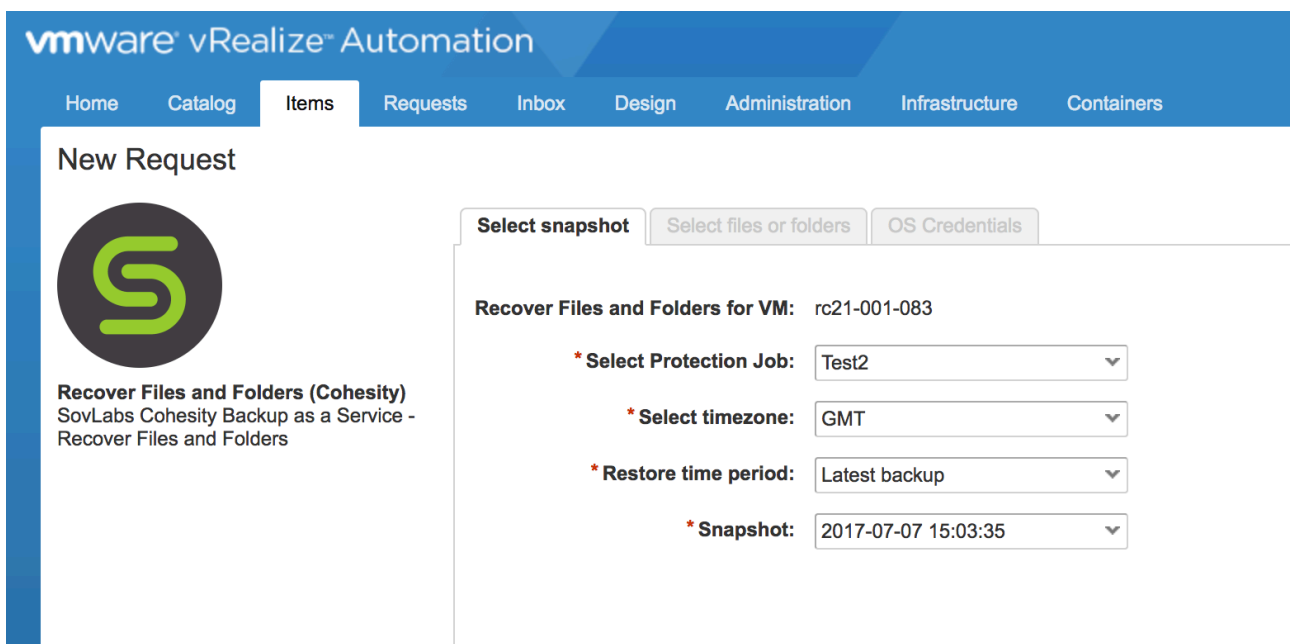
1. Login to the vRA tenant
2. Click on the **Items** tab and then **Machines** on the left menu
3. Select the desired VM and click on **Actions** on the top column of the VM list
4. Select [Change Protection Job \(Cohesity\)](#)
 - a. **Select Protection Jobs:**
 - i. The current protection jobs on the VM are shown on the right column. To de-select, select a protection job on the right column and move it to the left column with the left arrow (<)
 - ii. Any remaining/available protection jobs are shown on the left column. To select a protection job, select the desired protection job from the left column and move it to the right column with the right arrow (>)
5. Click **Submit**

Screenshot



Recover Files and Folders on VM

1. Login to the vRA tenant
2. Click on the **Items** tab and then **Machines** on the left menu
3. Select the desired VM and click on **Actions** on the top column of the VM list
4. Select [Recover Files and Folders \(Cohesity\)](#)
 - a. **Select snapshot**
 - i. **Select Protection Job:** Select the desired Cohesity Protection Job
 - ii. **Select timezone:** Select appropriate timezone
 - iii. **Restore time period:** Select 1 of the 3 options:
 1. **Latest backup:**
 - a. **Snapshot:** Drop-down will auto-populate with the latest backup
 2. **Latest backup before date:**
 - a. **Before date:** Pick a date to get all snapshots before the selected date
 - b. **Snapshot:** Choose the desired snapshot
 3. **Pick backup from date range:**
 - a. **Start date:** Pick a date to get all snapshots after the selected date
 - b. **End date:** Pick a date to get all snapshots before the selected date
 - c. **Choose a snapshot:** Choose the desired snapshot



The screenshot shows the VMware vRealize Automation interface. The top navigation bar includes 'Home', 'Catalog', 'Items', 'Requests', 'Inbox', 'Design', 'Administration', 'Infrastructure', and 'Containers'. The 'Items' tab is selected. On the left, under 'New Request', there is a card for 'Recover Files and Folders (Cohesity)' with a green 'S' logo. The main form area has three tabs: 'Select snapshot' (active), 'Select files or folders', and 'OS Credentials'. The 'Select snapshot' tab contains the following fields:

- Recover Files and Folders for VM:** rc21-001-083
- * Select Protection Job:** Test2 (dropdown)
- * Select timezone:** GMT (dropdown)
- * Restore time period:** Latest backup (dropdown)
- * Snapshot:** 2017-07-07 15:03:35 (dropdown)

b. **Select files or folders**

i. **Operating System**

In the event this field is not auto-populated, please select the VM's operating system

ii. **Toggle refresh for VM file list?**

This field appears when the requester has selected a snapshot that is not indexed.

The requester **must** click the checkbox every few moments until values appear in the **Files** section

This checkbox and the Note field will be unmapped at the next requester action, such as entering a path in the File path.

iii. **File path**

User entered value for a starting path to search for files and folders.

To drill into a specific folder, update the file path by appending the folder name.

Repeat until desired folder/files are seen.

iv. **Files**

Leaving the File Path blank will cause the root of the file system to appear in the Files field. For Windows, this could be something like C:, D:, etc. For Linux, it could be multiple files/folders that appear at the base (/) of the restore point such as root, centos-root, sda1, sda2, etc.

To select the file(s) and/or folder to restore, select the file/folder on the left column and move it to the right column with the right arrow (>)

When files or folders exist in the right column, the File path field will become readonly.

To update the File path, please remove all files/folders from the right column back to the left by selecting the file/folder and clicking the left arrow (<)

v. **Overwrite existing files with restore?**

Select whether or not to overwrite existing files.

If No, then Cohesity will create a copy



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Home Catalog **Items** Requests Inbox Design Administration Infrastructure Containers

New Request

Recover Files and Folders (Cohesity)
SovLabs Cohesity Backup as a Service - Recover Files and Folders

Select snapshot Select files or folders OS Credentials

* Operating System: Linux

File path: /

* Files: /tmp, /etc, /root, /tmp, /mnt, /run

Overwrite existing files with restore?: ☒

c. OS credentials

- i. **OS Username:** Type in the username for the VM with rights to recover files/folders
- ii. **OS Password:** Type in the username's password
- iii. **Emails to notify:** Field is auto-generated with the requester's email. Field is auto-generated with the requester's email. Add any additional emails that should be notified of the start and success or error.

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Home Catalog **Items** Requests Inbox Design Administration Infrastructure Containers

New Request

Recover Files and Folders (Cohesity)
SovLabs Cohesity Backup as a Service - Recover Files and Folders

Select snapshot Select files or folders OS Credentials

* OS username: root

* OS password:

Emails to notify: requester@email.com

5. Click **Submit**

