



Manage storage systems

SnapCenter Plug-in for VMware vSphere 4.4

NetApp
December 17, 2020

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Before you can back up or restore VMs or datastores using the VMware vSphere web client, you must add the storage.

Modify storage VMs


You can use the VMware vSphere web client to modify the configurations of clusters and storage VMs that are registered in SnapCenter Plug-in for VMware vSphere and used for VM data protection operations.

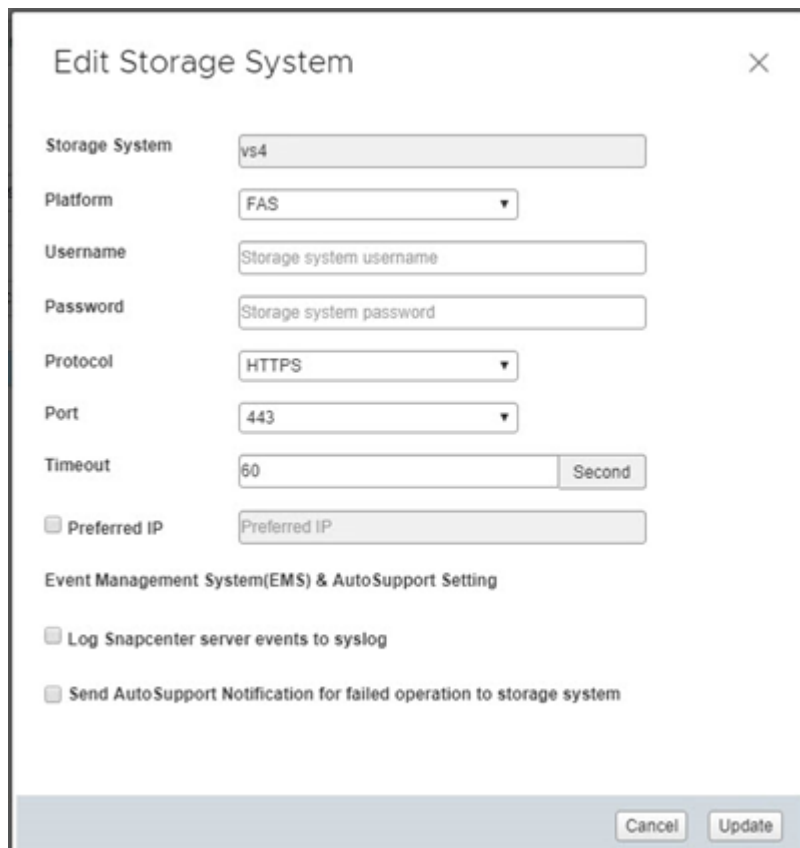
If you modify a storage VM that was automatically added as part of a cluster (sometimes called an implicit storage VM), then that storage VM changes to an explicit storage VM and can be separately deleted without changing the rest of the storage VMs in that cluster. On the Storage Systems page, the username is blank for implicit storage VMs; usernames are displayed only for explicit storage VMs in the cluster list and have the ExplicitSVM flag set to true. All storage VMs are always listed under the associated cluster.



If you added storage VMs for application-based data protection operations using the SnapCenter GUI, you must use the same GUI to modify those storage VMs.

Steps

1. In the left Navigator pane of the VMware vSphere web client, click **Storage Systems**.
2. On the **Storage Systems** page, select the storage VM to be modified and then click  **Edit**.
3. On the **Edit Storage System** window, enter the new values, and then click **Update** to apply the changes.



Edit Storage System [X]

Storage System: vs4

Platform: FAS

Username: Storage system username

Password: Storage system password

Protocol: HTTPS

Port: 443

Timeout: 60 [Second]

Preferred IP: Preferred IP

Event Management System(EMS) & AutoSupport Setting

Log Snapcenter server events to syslog

Send AutoSupport Notification for failed operation to storage system

[Cancel] [Update]

Rename storage VMs

If you rename a VM after you added it to a resource group, the new name might not be displayed on the Resources page because the SnapCenter Plug-in for VMware vSphere acts on the VM UUID, not the name.

To make sure new VM names are displayed on the Resources page, do the following.

1. Edit the resource group and remove the VM.
2. Rename the VM.
3. Re-add the VM to the resource group.

Modify the configured storage timeout

Even though backups have run successfully in the past, they might start failing when the time that the SnapCenter Plug-in for VMware vSphere must wait for the storage system exceeds the configured timeout period. If this condition occurs, you can increase the configured timeout.

You might encounter the error `Unable to discover resources on SCV: Unable to get storage details for datastore <xxx>...`

Steps

1. In the VMware vSphere web client, click **Storage Systems**.
2. On the Storage Systems page, select the storage system to be modified and click **Edit**.
3. In the Timeout field, increase the number of seconds.



180 seconds is recommended for large environments.

Remove storage VMs

You can use the VMware vSphere web client to remove storage VMs from the inventory in vCenter.



If you added storage VMs for application-based data protection operations using the SnapCenter GUI, you must use the same GUI to modify those storage VMs.

Before you begin

You must unmount all datastores in the storage VM before you can remove the storage VM.

About this task

If a resource group has backups that reside on a storage VM that you remove, then subsequent backups for that resource group fail.

Steps

1. In the left Navigator pane of the VMware vSphere web client, click **Storage Systems**.
2. On the **Storage Systems** page, select the storage VM to be removed and then click **Delete**.
3. In the **Remove Storage System** confirmation box, check the box for **Delete storage system(s)** and then click **Yes** to confirm.
4. If the removed storage VM was managed by an ESXi 6.7 Server, then you must restart the web client service.

Restart the VMware vSphere web client service.

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