Manage SnapCenter Plug-in for VMware vSphere appliance

SnapCenter Plug-in for VMware vSphere 5.0

NetApp
August 30, 2024

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Restart the VMware vSphere client service

If the SnapCenter VMware vSphere client starts to behave incorrectly, you might need to clear the browser cache. If the problem persists, then restart the web client service.

Before you begin

You must be running vCenter 7.0U1 or later.

Steps

1. Use SSH to log in to the vCenter Server Appliance as root.
2. Access the Appliance Shell or BASH Shell by using the following command:

   ```
   shell
   ```

3. Stop the web client service by using the following HTML5 command:

   ```
   service-control --stop vsphere-ui
   ```

4. Delete all stale HTML5 scvm packages on vCenter by using the following shell command:

   ```
   etc/vmware/vsphere-ui/vc-packages/vsphere-client-serenity/

   rm -rf com.netapp.scv.client-<version_number>
   ```

   Do not remove the VASA or vCenter 7.x and later packages.

5. Start the web client service by using the following HTML5 command:

   ```
   service-control --start vsphere-ui
   ```

Access the maintenance console

You can manage your application, system, and network configurations using the maintenance console for SnapCenter Plug-in for VMware vSphere. You can change your administrator password, maintenance password, generate support bundles, and start remote diagnostics.

Before you begin

Before stopping and restarting the SnapCenter Plug-in for VMware vSphere service, you should suspend all schedules.

About this task

- In SnapCenter Plug-in for VMware vSphere 4.6P1, you must specify a password when you first install SnapCenter Plug-in for VMware vSphere. If you upgrade from release 4.6 or earlier to release 4.6P1 or later, the earlier default password is accepted.

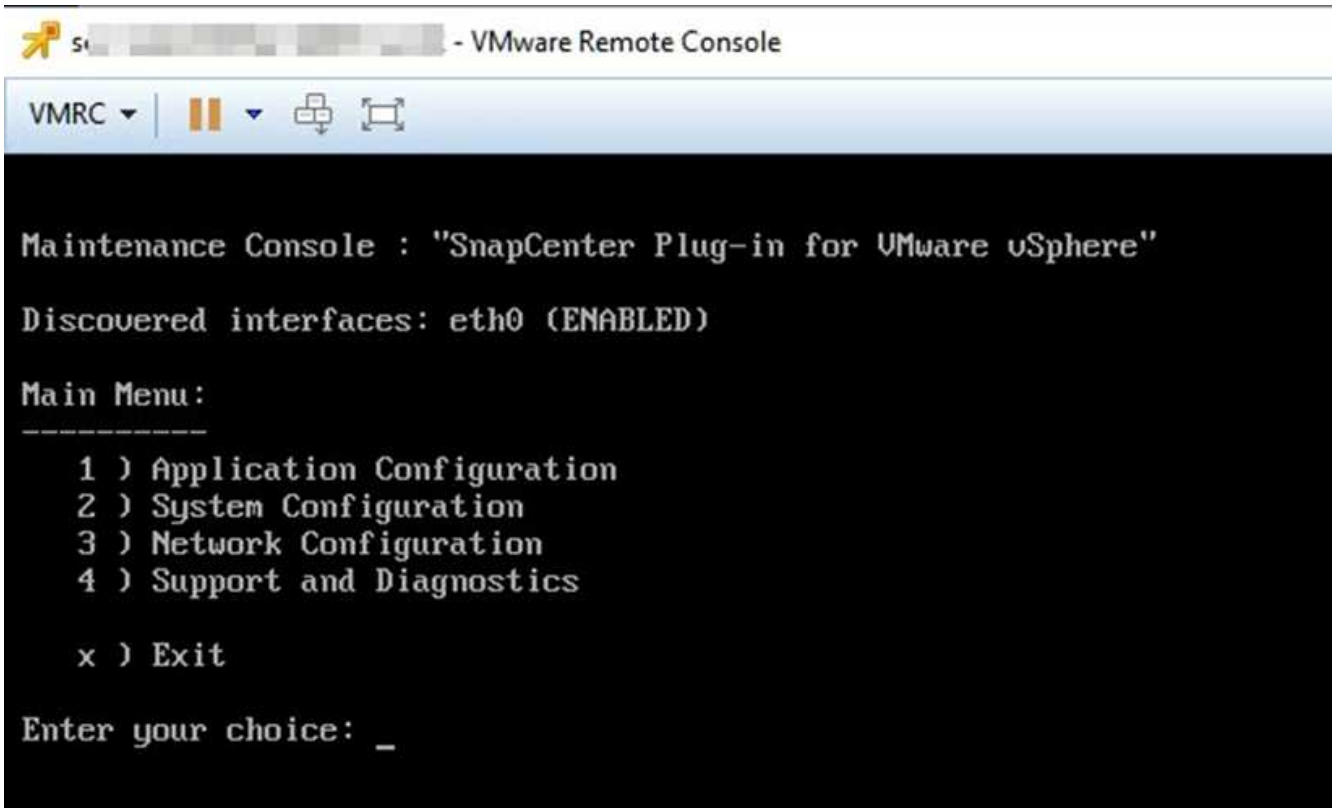
- You must set a password for the “diag” user while enabling remote diagnostics.

  To obtain the root user permission to execute the command, use the sudo <command>.

Steps

1. From the VMware vSphere client, select the VM where the SnapCenter VMware plug-in is located.
2. Right-click the VM, then on the **Summary** tab of the virtual appliance click **Launch Remote Console** to open a maintenance console window.

   Log in using the default maintenance console username `maint` and password that you have set at the time of installation.



3. You can perform the following operations:
   - Option 1: Application Configuration

     Display a summary of SnapCenter VMware plug-in
     Start or stop SnapCenter VMware plug-in service
     Change login username or password for SnapCenter VMware plug-in
     Change MySQL password
     Backup and restore MySQL, configure and list MySQL backups

   - Option 2: System Configuration

     Reboot virtual machine
     Shut down virtual machine
     Change 'maint' user password
     Change time zone
     Change NTP server

Enable SSH access
Increase jail disk size (/jail)
Upgrade
Install VMware Tools
Generate MFA Token

MFA is always enabled, you cannot disable MFA.

+
* Option 3: Network Configuration

+
Display or change IP address settings
Display or change domain name search settings
Display or change static routes
Commit changes
Ping a host

+
* Option 4: Support and Diagnostics

+
Generate support bundle
Access diagnostic shell
Enable remote diagnostic access
Generate core dump bundle

Modify the SnapCenter VMware Plug-in password from the maintenance console

If you do not know the admin password for the SnapCenter Plug-in for VMware vSphere management GUI, you can set a new password from the maintenance console.

Before you begin

Before stopping and restarting the SnapCenter Plug-in for VMware vSphere service, you should suspend all schedules.

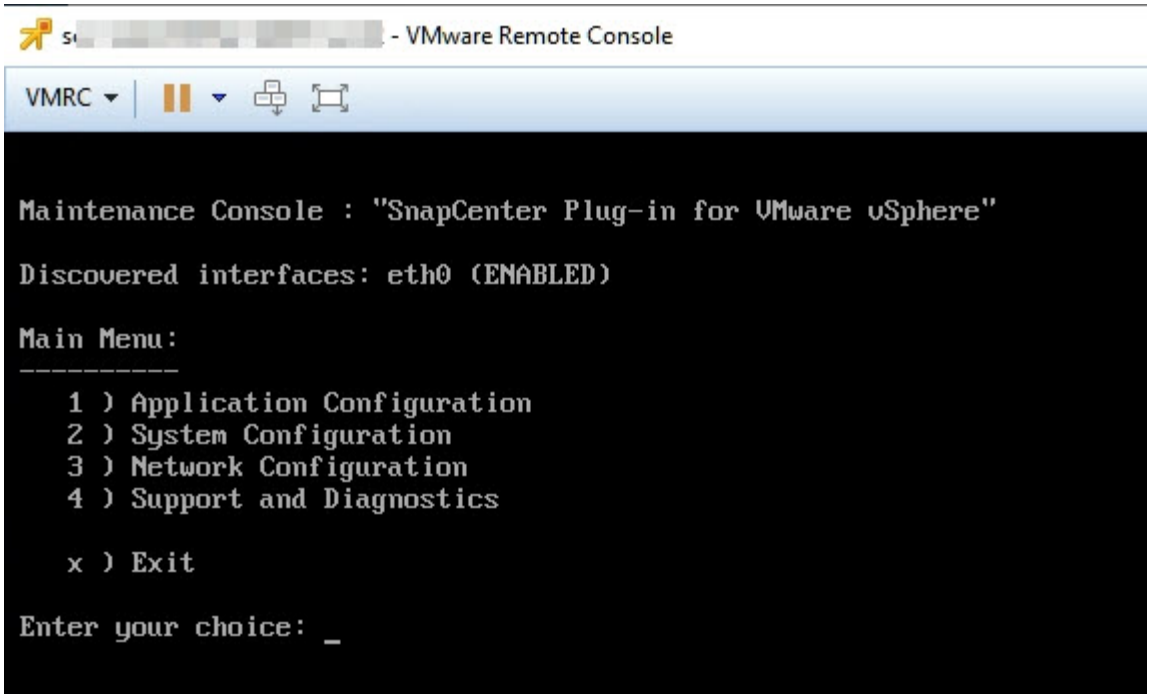
About this task

For information on accessing and logging on to the maintenance console, see Access the Maintenance Console.

Steps

1. From the VMware vSphere client, select the VM where the SnapCenter VMware plug-in is located.
2. Right-click the VM, then on the **Summary** tab of the virtual appliance click **Launch Remote Console** to open a maintenance console window, and then log on.

   For information on accessing and logging on to the maintenance console, see Access the Maintenance Console.



3. Enter "**1**" for Application Configuration.
4. Enter "**4**" for Change username or password.
5. Enter the new password.

   The SnapCenter VMware virtual appliance service is stopped and restarted.

Create and import certificates

The SnapCenter VMware plug-in employs SSL encryption for secure communication with the client browser. While this does enable encrypted data across the wire, creating a new self-signed certificate, or using your own Certificate Authority (CA) infrastructure or a third party CA, ensures that the certificate is unique for your environment.

See the KB article: How to create and/or import an SSL certificate to SnapCenter Plug-in for VMware vSphere.

Unregister SnapCenter Plug-in for VMware vSphere from vCenter

If you stop the SnapCenter VMware plug-in service in a vCenter that is in Linked Mode, resource groups are not available in all the linked vCenters, even when the SnapCenter VMware plug-in service is running in the other linked vCenters.

You must unregister the SnapCenter VMware plug-in extensions manually.

Steps

1. On the linked vCenter that has the SnapCenter VMware plug-in service stopped, navigate to the Managed Object Reference (MOB) manager.
2. In the Properties option, select **content** in the Value column, then in the next screen select

ExtensionManager in the Value column to display a list of the registered extensions.

3. Unregister the extensions `com.netapp.scv.client` and `com.netapp.aegis`.

Disable and enable SnapCenter Plug-in for VMware vSphere

If you no longer need the SnapCenter data protection features, you must change the configuration of the SnapCenter VMware plug-in. For example, if you deployed the plug-in in a test environment, you might need to disable the SnapCenter features in that environment and enable them in a production environment.

Before you begin

- You must have administrator privileges.
- Make sure that no SnapCenter jobs are running.

About this task

When you disable the SnapCenter VMware plug-in, all resource groups are suspended and the plug-in is unregistered as an extension in vCenter.

When you enable the SnapCenter VMware plug-in, the plug-in is registered as an extension in vCenter, all resource groups are in production mode, and all schedules are enabled.

Steps

1. Optional: Back up the SnapCenter VMware plug-in MySQL repository in case you want to restore it to a new virtual appliance.

   Back up the SnapCenter Plug-in for VMware vSphere MySQL database.

2. Log in to the SnapCenter VMware plug-in management GUI using the format `https://<OVA-IP-address>:8080`. Login with the admin username and password set at the time of deployment and the MFA token generated using the maintenance console.

   The IP of the SnapCenter VMware plug-in is displayed when you deploy the plug-in.

3. Click **Configuration** in the left navigation pane, and then unselect the Service option in the **Plug-in Details** section to disable the plug-in.
4. Confirm your choice.
   - If you only used the SnapCenter VMware plug-in to perform VM consistent backups

     The plug-in is disabled, and no further action is required.

   - If you used the SnapCenter VMware plug-in to perform application-consistent backups

     The plug-in is disabled and further cleanup is required.

     a. Log in to VMware vSphere.
     b. Power down the VM.
     c. In the left navigator screen, right-click the instance of the SnapCenter VMware plug-in (the name of the `.ova` file that was used when the virtual appliance was deployed) and select **Delete from Disk**.
     d. Log in to SnapCenter and remove the vSphere host.

Remove SnapCenter Plug-in for VMware vSphere

If you no longer need to use the SnapCenter data protection features, you must disable the SnapCenter VMware plug-in to unregister it from vCenter, then remove the SnapCenter VMware plug-in from vCenter, and then manually delete leftover files.

Before you begin

- You must have administrator privileges.
- Make sure that no SnapCenter jobs are running.

Steps

1. Log in to the SnapCenter VMware plug-in management GUI using the format `https://<OVA-IP-address>:8080`.

   The IP of the SnapCenter VMware plug-in is displayed when you deploy the plug-in.

2. Click **Configuration** in the left navigation pane, and then unselect the Service option in the **Plug-in Details** section to disable the plug-in.
3. Log in to VMware vSphere.
4. In the left navigator screen, right-click the instance of the SnapCenter VMware plug-in (the name of the `.tar` file that was used when the virtual appliance was deployed) and select **Delete from Disk**.
5. If you used the SnapCenter VMware plug-in to support other SnapCenter plug-ins for application-consistent backups, log in to SnapCenter and remove the vSphere host.

After you finish

The virtual appliance is still deployed but the SnapCenter VMware plug-in is removed.

After removing the host VM for the SnapCenter VMware plug-in, the plug-in might remain listed in vCenter until the local vCenter cache is refreshed. However, because the plug-in was removed, no SnapCenter VMware vSphere operations can be performed on that host. If you want to refresh the local vCenter cache, first make sure the appliance is in a Disabled state on the SnapCenter VMware plug-in Configuration page, and then restart the vCenter web client service.

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