Manage SnapCenter Plug-in for VMware vSphere appliance

SnapCenter Plug-in for VMware vSphere 4.6

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Manage SnapCenter Plug-in for VMware vSphere appliance

Restart the VMware vSphere web client service

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

Restart the VMware vSphere web client service in a Linux vCenter

If your vCenter is on a Linux appliance, then you must use Linux commands to restart the VMware vSphere web client service.

Before you begin

You must be running vCenter 6.5 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.scvm.webclient-<version_number>
   ```

   > Do not remove the VASA or VSC7.x and later packages.

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

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

Restart the VMware vSphere web client service in a Windows vCenter

If your vCenter is on a Windows host, then you must use Windows commands to restart the SnapCenter web client service.

Before you begin

You must be running vCenter 6.5 or later.

Steps

1. Navigate to `C:\Program Files\VMware\vCenter Server\bin` then run the following command to stop the web client service:

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

   Wait for the message `Completed Stop service request`.

2. Delete all stale HTML5 scvm packages on vCenter by performing the following:
   a. Navigate to the vCenter vsphere-client-serenity/ folder:

      ```
      C:\ProgramData\VMware\vCenterServer\cfg\vsphere-ui\

      vc-packages\vsphere-client-serenity\
      ```

   b. Delete all plug-in folders with the following name:

      ```
      com.netapp.scvm.webclient-<version_number>
      ```

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

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

   Wait for the message `Completed Start service request.`

Access the maintenance console

You can manage your application, system, and network configurations by 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

- The defaults are “maint” as the username and “admin123” as the password to log in to the maintenance console for SnapCenter Plug-in for VMware vSphere.

  After deployment, modify the default login credentials.

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

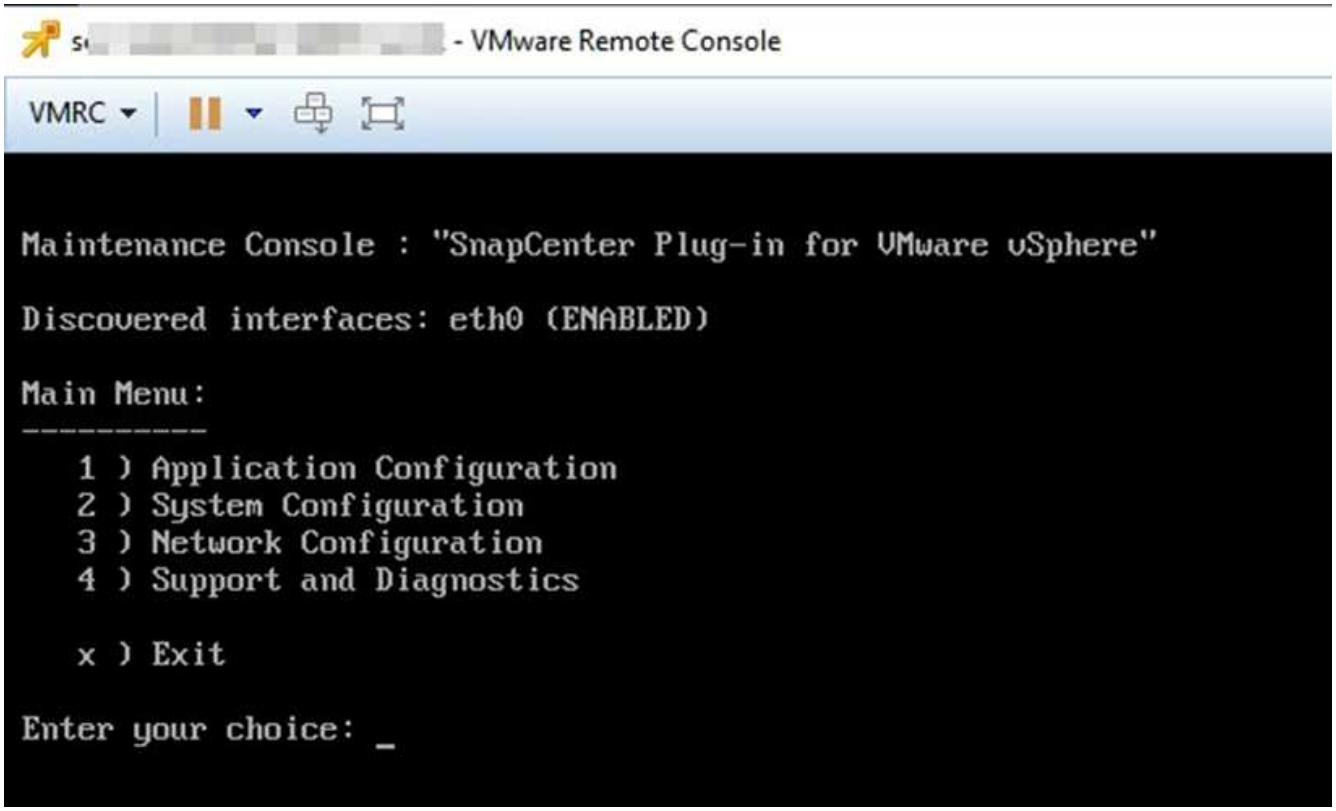
  To obtain the root user permission to execute the command, use the sudo <command>.

Steps

1. From the VMware vSphere web 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.

The logon defaults for the SnapCenter VMware plug-in maintenance console are as follows:

Username: `maint`
Password: `admin123`



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

   - Option 2: System Configuration

     Reboot or shutdown virtual machine
     Change 'maint' user password
     Change time zone
     Change NTP server
     Enable/Disable SSH Access
     Increase jail disk size (/jail)
     Upgrade
     Install VMware Tools

   - 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

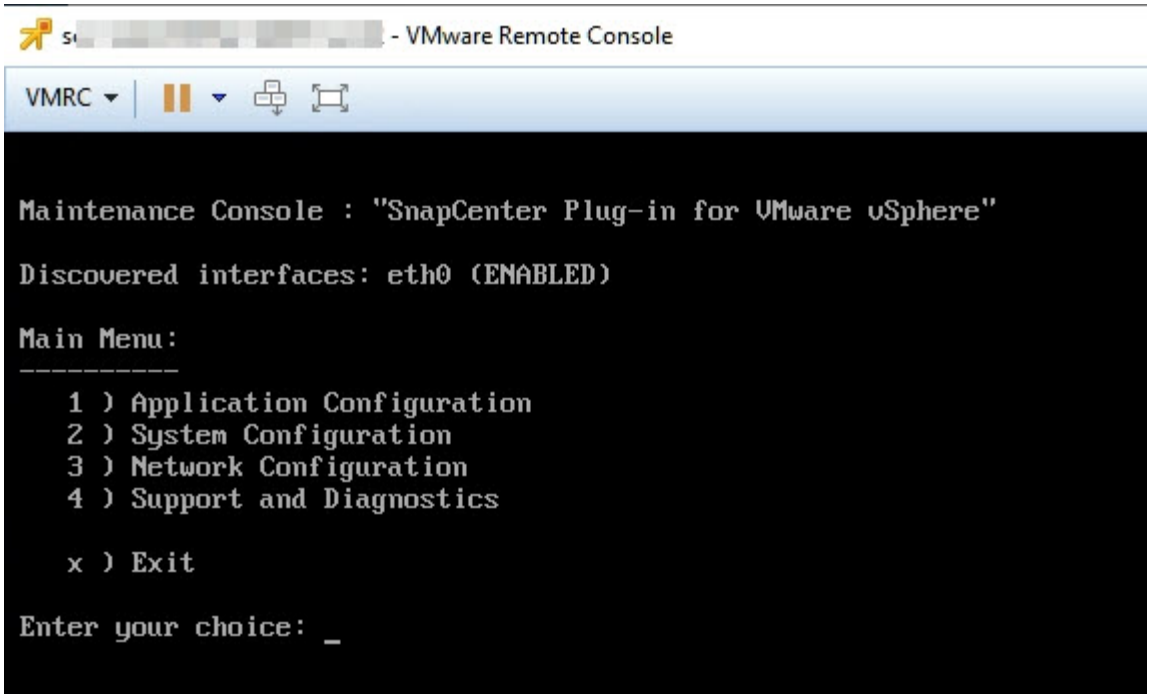
You must use the default "`maint`" as the username and "`admin123`" as the password to log in to the maintenance console of the SnapCenter VMware plug-in.

Steps

1. From the VMware vSphere web 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.

   The logon defaults for the SnapCenter VMware plug-in maintenance console are as follows:

   Username: `maint`
   Password: `admin123`



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.scvm.webclient` 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`.

   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 `.ova` file that was used when the virtual appliance was deployed) and select **Delete from Disk**.
5. Navigate to `/etc/vmware/vsphere-ui/vc-packages/vsphere-client-serenity/com.netapp.scvm.webclient-4.5.0.5942045/plugins` and manually delete the following files in the pickup folder of the vCenter server:

   ```
   vsc-httpclient3-security.jar
   scv-api-model.jar
   scvm_webui_service.jar
   scvm_webui_ui.war
   gson-2.5.jar
   ```

6. 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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