Configure storage systems for VSC, VASA Provider, and SRA

VSC, VASA Provider, and SRA 9.7

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Configure storage systems for VSC, VASA Provider, and SRA

You should add storage systems to the virtual appliance and set default credentials, if required, by using the VSC interface.

Add storage systems to VSC

You can manually add storage system to Virtual Storage Console (VSC).

About this task

Each time you start Virtual Storage Console (VSC) or select the **REDISCOVER All** option, VSC automatically discovers the available storage systems.

Steps

1. Add a storage system to VSC by using the VSC home page:
   - Click **Storage Systems › Add**.
   - Click **Overview › Getting Started**, and then click **ADD** button under **Add Storage System**.
2. In the **Add Storage System** dialog box, enter the management IP address and credentials for that storage system.

   You can also add storage systems using the IPv6 address of the cluster or SVM. You can also change the defaults for TLS and the port number in this dialog box.

   When you add storage from the VSC **Storage System** page, you must also specify the vCenter Server instance where the storage will be located. The **Add Storage System** dialog box provides a drop-down list of the available vCenter Server instances. VSC does not display this option if you are adding storage to a datacenter that is already associated with a vCenter Server instance.
3. Click **OK** after you have added all of the required information.

Set default credentials for storage systems

You can use Virtual Storage Console for VMware vSphere to set default credentials for a storage system in your vCenter Server.

Before you begin

You must have selected the vCenter Server that you want to use for creating default credentials.

About this task

If you set up default credentials for storage systems, Virtual Storage Console (VSC) uses these credentials to log in to a storage system that VSC has just discovered. If the default credentials do not work, you must manually log in to the storage system. VSC and SRA support addition of storage system credentials at the cluster level or the SVM level. But VASA Provider will only work with cluster level credentials.

Steps

1. On the VSC **Home** page, click **Settings › Administrative Settings › Configure Default Credentials for Storage System**.

2. In the **Storage System Default Credentials** dialog box, enter the user name and password for the storage system.

   Storage controller credentials are assigned in ONTAP based on the user name and password pair. The storage controller credentials can either be the administrator account or a custom account that uses role-based access control (RBAC).

   You cannot use VSC to change the roles that are associated with the user name and password pair of the storage controller. To modify or create a new ONTAP user role for use with the virtual appliance for VSC, VASA Provider, and SRA, you can use System Manager.

   See the “Configuring user roles and privileges” section in the *Virtual Storage Console, VASA Provider, and Storage Replication Adapter for VMware® vSphere Deployment and Setup Guide For 9.7 Release*.

3. Click **OK** to save the default credentials.

After you finish

If you updated the storage system credentials because a storage system reported “Authentication Failure” status, you should click the **REDISCOVER ALL** option available on the **Storage Systems** page. When you do this, VSC tries to connect to the storage system by using the new credentials.

Configure alarm thresholds

You can use VSC to set alarms to notify you when volume thresholds and aggregate thresholds reach the set limits.

Steps

1. From the Virtual Storage Console **Home** page, click **Settings**.
2. Click **Unified Appliance Settings**.
3. Specify the percent values for the **Nearly full threshold (%)** field and the **Full threshold (%)** field for both the volume alarm thresholds and the aggregate alarm thresholds.

   While setting the values, you must keep the following information in mind:

   - Clicking **Reset** resets the thresholds to the previous values.

     Clicking **Reset** does not reset the thresholds to the default values of 80 percent for “Nearly full” and 90 percent for “Full”.

   - There are two ways to set the values:
     - You can use the up and down arrows next to the values to adjust the threshold values.
     - You can slide the arrows on the track bar below the values to adjust the threshold values.
   - The lowest value that you can set for the **Full threshold (%)** field for volumes and aggregates is 6 percent.

4. After specifying the required values, click **Apply**.

   You must click **Apply** for both volume alarm and aggregate alarm.

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