Exercise 2: Managing ONTAP Administrators

Objectives

This exercise focuses on enabling you to do the following:

- Create custom administrator accounts
- Verify administrator access privileges

Case Study

Mr. Zarrot insists the NetApp storage system be deployed in accordance with zero trust security principles. Users and administrators should be granted the least privileges needed to accomplish their responsibilities.

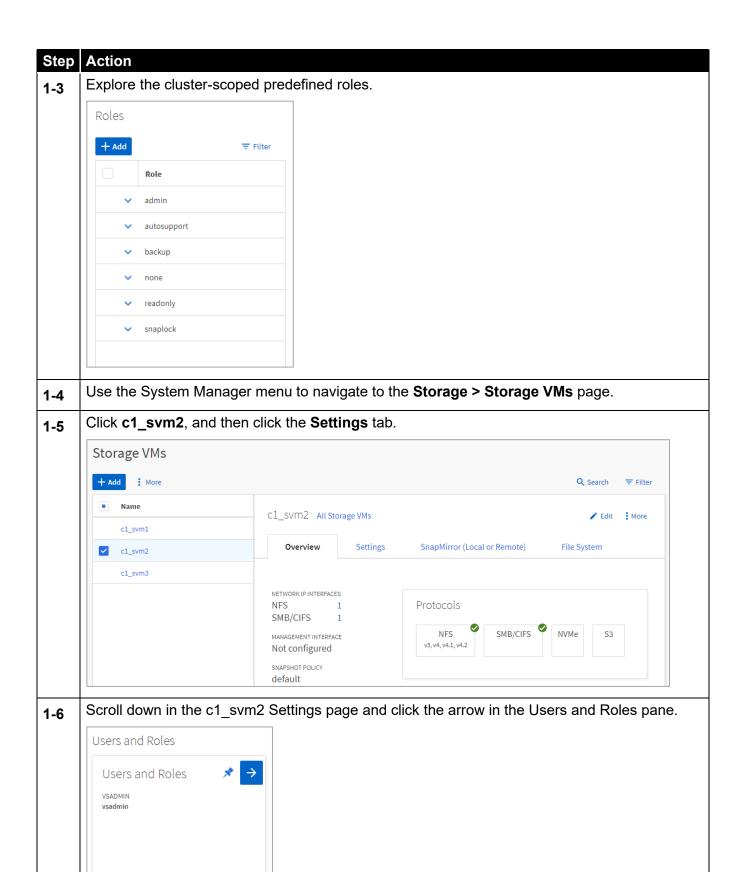
Lab Equipmentir responsibilites.

Use the following equipment to complete the exercise:

System	Host Name	IP Addresses	User Name	Password
Windows Server	jumphost	192.168.0.5	DEMO\Administrator	Netapp1!
ONTAP cluster-management LIF (cluster1)	cluster1	192.168.0.101	admin (case-sensitive)	Netapp1!
ONTAP cluster-management LIF (cluster2)	cluster2	192.168.0.102	admin (case-sensitive)	Netapp1!
Windows Domain Controller	DC1	192.168.0.253	DEMO\Administrator	Netapp1!
CentOS 8 Linux Server	centos8	192.168.0.21	root	Netapp1!

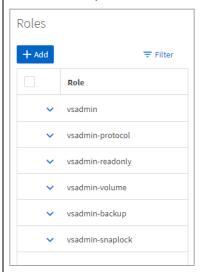
Task 1: Explore Administrators and Roles

Step Action From the System Manager menu for cluster1, in the navigation pane, select Cluster > 1-1 Settings. DASHBOARD INSIGHTS STORAGE NETWORK **EVENTS & JOBS PROTECTION** HOSTS CLUSTER Overview Settings Disks Support Scroll down in the Cluster Settings page to the Security section and click the arrow in the 1-2 Users and Roles pane. Users and Roles ADMIN admin AUTOSUPPORT autosupport

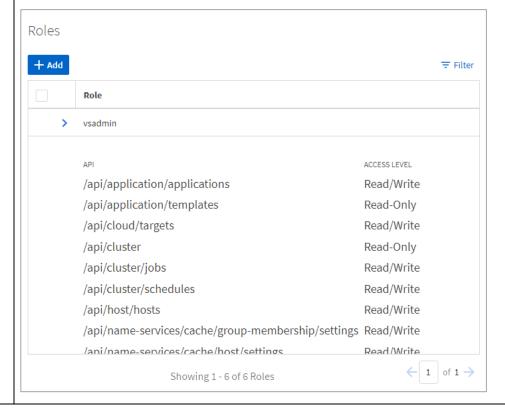


Step | Action

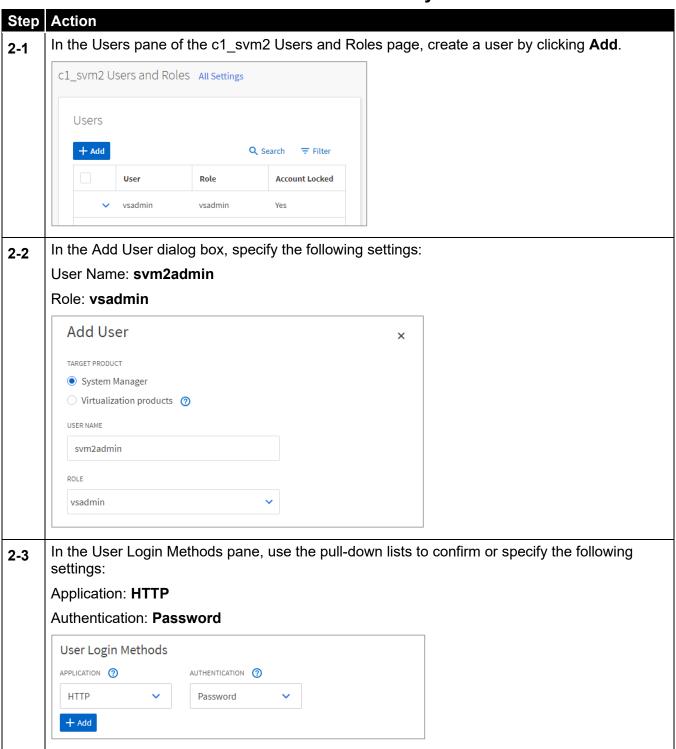
1-7 Examine the predefined roles for the storage VM.

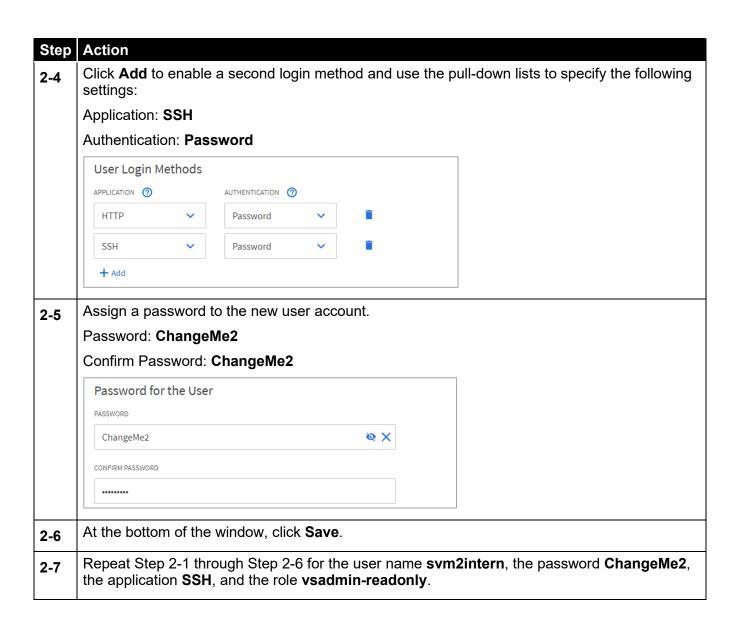


Expand a storage VM scoped administrative role, and then scroll through the API list to see the ONTAP API calls that are available to a user who has the role.

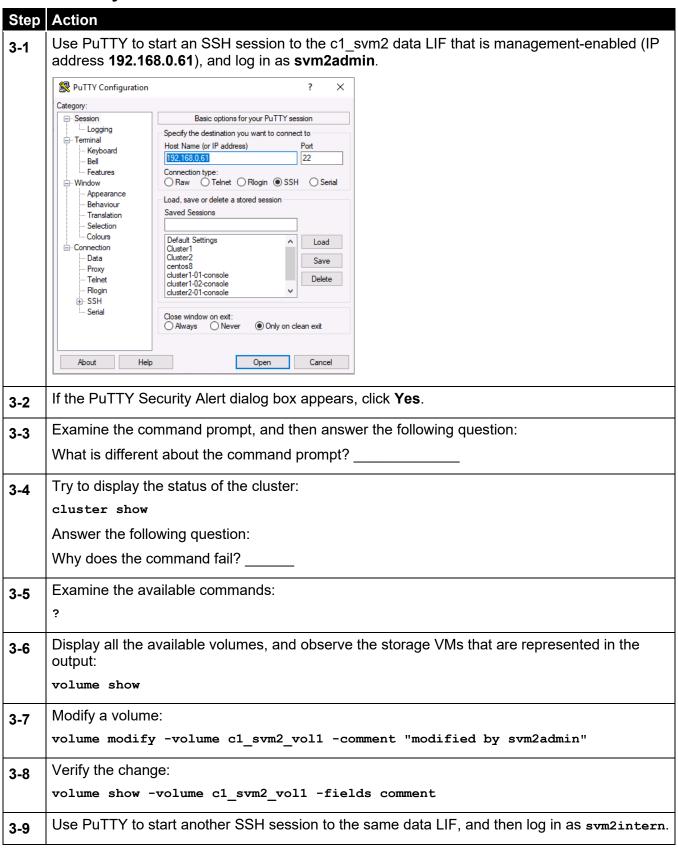


Task 2: Create Custom Administrators and Verify Access Levels





Task 3: Verify Administrator Access Levels



Managing ONTAP Administrators M3-E2-P7

Step	Action		
3-10	Try to display the network ports:		
	network port show		
	Note: The command fails.		
3-11	Complete the following steps:		
	Display the network interfaces.		
	2. Examine the displayed LIFs.		
	3. Compare the list to the list of displayed LIFs for the cluster admin user.		
	network interface show		
3-12	Display all the available volumes that are visible to the svm2intern user:		
	volume show		
3-13	Try to modify a volume, and then answer the following question:		
	volume modify -volume c1_svm2_vol1 -comment "modified by svm2intern"		
	Why did the command fail?		
3-14	Close the PuTTY session for the svm2intern user.		

End of exercise