Lab 5 Accessing NFS Storage

Objective: Configure access to an NFS datastore

In this lab, you perform the following tasks:

1. Configure Access to NFS Datastores
2. View NFS Storage Information

In this lab, you use vSphere Client to perform the tasks.

Task 1: Configure Access to NFS Datastores

You mount an NFS share to your ESXi hosts and use it as a datastore.

1. If vSphere Client is not active, open your Firefox Web browser, select **vSphere Client (SA-VCSA-01)**.
2. Log in with the user name administrator@vsphere.local and the password VMware1!.
3. In vSphere Client, click the **Menu** icon and select **Storage**.
4. Right-click **SA-Datacenter** and select **Storage** > **New Datastore**.

    The New Datastore wizard starts.
5. On the Type page, select **NFS** and click **Next**.
6. On the **Select NFS version** page, select **NFS 4.1** and click **Next**.
7. On the Name and configuration page, enter `NFS-Datastore` in the **Datastore name** text box.
8. Enter `/NFS-Data` as the folder name in the **Folder** text box.
9. Enter `172.20.10.10` as the NFS server name in the **Server** text box.
10. Click the **Add server** icon (the green plus sign).
11. Validate that 172.20.10.10 is added to the Servers to be added box and click **Next**.

12. On the Configure Kerberos authentication page, accept the default, and click **Next**.

13. On the Host accessibility page, select both the ESXi hosts and click **Next.**

14. On the Ready to complete page, verify the NFS settings and click **Finish**.

15. Verify that your NFS datastore is listed in the Navigator pane.

Task 2: View NFS Storage Information

You view information about your NFS storage and the contents in the NFS datastore.

1. Select your **NFS-Datastore** datastore in the Navigator pane.

2. Click the **Summary** tab.

3. View the content pane and record the information about the datastore.

    • Datastore type _____

    • Capacity of the datastore _____

    • Free space of the datastore _____

    • Used space of the datastore _____

4. Leave vSphere Client open for the next lab.

5. Inform your instructor that you have completed this lab. If prompted, continue to the next lab.