9.1.6 Create Virtual Machines

Your Performance

Your Score: 2 of 2 (100%)   Pass Status: **Pass**

Elapsed Time: 5 minutes 7 seconds   Required Score: 100%

Task Summary

Required Actions

✔ Create virtual machine VM1   **Show Details**

✔ Create virtual machine VM2   **Show Details**

Explanation

While completing this lab, use the following virtual machine (VM) specifications:

VM1:

- Virtual machine name: **VM1**
- Virtual machine location: **D:\HYPERV**
- Generation: **Generation 1**
- Startup memory: **1024 MB** (do not use dynamic memory)
- Networking connection: **External**
- Virtual hard disk name: **VM1.vhdx**
- Virtual hard disk location: **D:\HYPERV\Virtual Hard Disks**
- Virtual hard disk size: **50 GB**
- Operating system will be installed later

VM2:

- Virtual machine name: **VM2**
- Virtual machine location: **D:\HYPERV**
- Generation: **Generation 1**
- Startup memory: **2048 MB** (use dynamic memory)
- Networking connection: **Internal**
- Virtual hard disk name: **VM2.vhdx**
- Virtual hard disk location: **D:\HYPERV\Virtual Hard Disks**
- Virtual hard disk size: **250 GB**
- Operating system will be installed later
- Minimum RAM: **512 MB**
- Maximum RAM: **4096 MB**

Complete this lab as follows:

1. Access the Hyper-V Manager.
    a. Select **Start**.
    b. Expand **Windows Administrative Tools** and then select **Hyper-V Manager**.

2. Create virtual machines on ITAdmin.

        Use all default settings unless directed otherwise.

    a. Right-click **ITADMIN** and then select **New** > **Virtual Machine**.
    b. From the Before You Begin dialog, select **Next**.

    c. In the Name field, enter *VM_name* and then select **Next**.
    d. Make sure **Generation 1** is selected and then select **Next**.
    e. In the Startup memory field, enter *size*.
    f. Set the **Use Dynamic Memory for this virtual machine** appropriately and then select **Next**.
    g. Use the Connection drop-down menu to select *connection_type* and then select **Next**.
    h. In the Size field, enter *disk_size* and then select **Next**.
    i. Make sure **Install an operating system later** is selected and then select **Next**.
    j. Review your configuration and then select **Finish** to create the virtual machine.
    k. Repeat step 2 to created the second virtual machine.

3. Adjust virtual machine memory for VM2.
    a. From the Hyper-V Manager, under Virtual Machines, right-click **VM2** and select **Settings**.
    b. From the left pane, select **Memory**.
    c. In the Minimum RAM field, enter **512**.
    d. In the Maximum RAM field, enter **4096**.
    e. Select **OK**.