Lab Report

Your Performance

Your Score: 2 of 2 (100%) Pass Status: Pass
Elapsed Time: 4 minutes 25 seconds Required Score: 100%

Task Summary

Actions you were required to perform:

- ✓ Create virtual machine VM1Hide Details
  - 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/location: D:\HYPERV\Virtual Hard Disks\VM1vhdx
  - Virtual hard disk size: 50 GB
  - Operating system will be install later
- ✓ Create virtual machine VM2Hide Details
  - 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 install later
  - Minimum RAM: 512 MB
  - Maximum RAM: 4096 MB

Explanation

You can create a new virtual hard disk when you create a virtual machine. Virtual disks created along with virtual machines are dynamically expanding disks. If you need to create any other kind of disk, you can either create the disk before the virtual machine or convert the disk type after.

Complete this lab as follows:

1. Create VM1 on ITAdmin as follows:
   a. Select **Start**.
   b. Select **Windows Administrative Tools**.
   c. Select **Hyper-V Manager**.
   d. Right-click **ITADMIN**.
   e. Select **New** > **Virtual Machine**.
   f. In the Before You Begin window, select **Next**.
   g. In the Name field, enter **VM1** for the virtual machine.

h. Select **Store the virtual machine in a different location** to modify the path to the virtual machine files.
i. In the Location field, make sure **D:\HYPERV** appears in the field and then select **Next**.
j. Make sure **Generation 1** is selected and then select **Next**.
k. In the Startup memory field, enter **1024** MB of memory to use with the virtual machine and then select **Next**.
l. In the Connection field, select **External** from the drop-down list and then select **Next**.
m. Make sure **Create a virtual hard disk** is selected.
n. In the Name field, make sure **VM1.vhdx** appears.
o. In the location field, make sure **D:\HYPERV\Virtual Hard Disks** appears.
p. In the Size field, enter **50** and then select **Next**.
q. Make sure **Install an operating system later** is selected and then select **Next**.
r. Select **Finish** to create the virtual machine.

2. Create VM2 on ITAdmin as follows:
a. Right-click **ITADMIN**.
b. Select **New** > **Virtual Machine**.
c. In the Before You Begin window, select **Next**.
d. In the Name field, enter **VM2** for the virtual machine.
e. Select **Store the virtual machine in a different location** to modify the path to the virtual machine files.
f. In the Location field, make sure **D:\HYPERV** appears in the field and then select **Next**.
g. Make sure **Generation 1** is selected and then select **Next**.
h. In the Startup memory field, enter **2048** MB of memory to use with the virtual machine.
i. Mark **Use Dynamic Memory for this virtual machine** and then select **Next**.
j. In the Connection field, select **Internal** from the drop-down list and then select **Next**.
k. Make sure **Create a virtual hard disk** is selected.
l. In the Name field, make sure **VM2.vhdx** appears.
m. In the location field, make sure **D:\HYPERV\Virtual Hard Disks** appears.
n. In the Size field, enter **250** and then select **Next**.
o. Make sure that **Install an operating system later** is selected and then select **Next**.
p. Select **Finish** to create the virtual machine.
q. Under Virtual Machines, right-click **VM2** to adjust virtual machine memory.
r. Select **Settings**.
s. From the left pane, select **Memory**.
t. In the Minimum RAM field, enter **512**.
u. In the Maximum RAM field, enter **4096** and then select **OK**.