Add new Data Disk in Azure Virtual Machine Windows (Portal) (LAB-103-02-05)

Part A: Create Azure Windows Virtual Machine

1. Refer **VMLAB1030202**

Part B: Add a Data Disk

1. In the Azure portal, from the menu on the left, select Virtual machines

2. Select a virtual machine from the list.

3. On the Virtual machine page, select Disks.

4. On the Disks page, select Add data disk.

5. In the drop-down for the new disk, select Create disk. It will open new window

6. In the Create managed disk page, type in:

   a. Name: Provide name of the data disk **DataDisk1**

   b. Resource group: Select the **RG-LAB-103-02-02** resource group

   c. Account type: Select **Standard SSD**

   d. Source type: Select none

   e. Size: Provide the size of the disk
   Help: Provide "**1**" as GB for exercise purpose

   f. Select Create

7. Once validated, in the Disks page, select Save to save the new disk configuration for the VM.

8. After Azure creates the disk and attaches it to the virtual machine, the new disk is listed in the virtual machine's disk settings under Data disks.

Part C: Initialize a new data disk

1. Connect to virtual machine via RDP

2. Select the Windows Start menu inside the running VM and enter "***diskmgmt.msc***" in the search box. The Disk Management console opens.

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    Disk Management recognizes that you have a new, uninitialized disk and the Initialize Disk window appears.

4. If asked, verify the new disk is selected and then select "**OK**" to initialize it. Leave the other settings as default

5. The new disk appears as unallocated & "**Online**". If not showing Online, then right click on the disk at extreme right & make it Online

6. To format the disk, right-click anywhere on the disk and select "***New Simple Volume***". The New Simple Volume Wizard window opens.

    Proceed through the wizard, keeping all of the defaults, and when you're done select "**Finish**". Now disk showing as "**Healthy**"

    Close Disk Management.

7. Select the Windows Start menu inside the running VM and enter "***explorer.msc***" in the search box, it will open the file explorer

8. Select "**This PC**" & Open the new volume & create some folders & files