

## Practical 1(c) – Introduction to Windows Server

### **Requirements:**

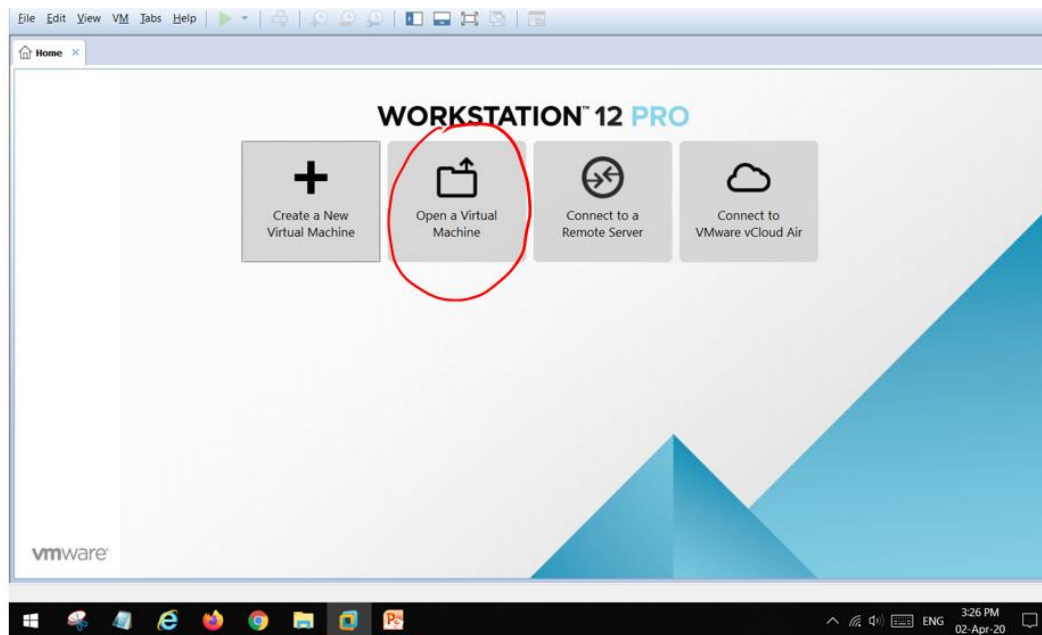
1. VMware Workstation.
2. **Windows Server 2016 NYP-DC1** virtual machine.

### **Exercise 1**

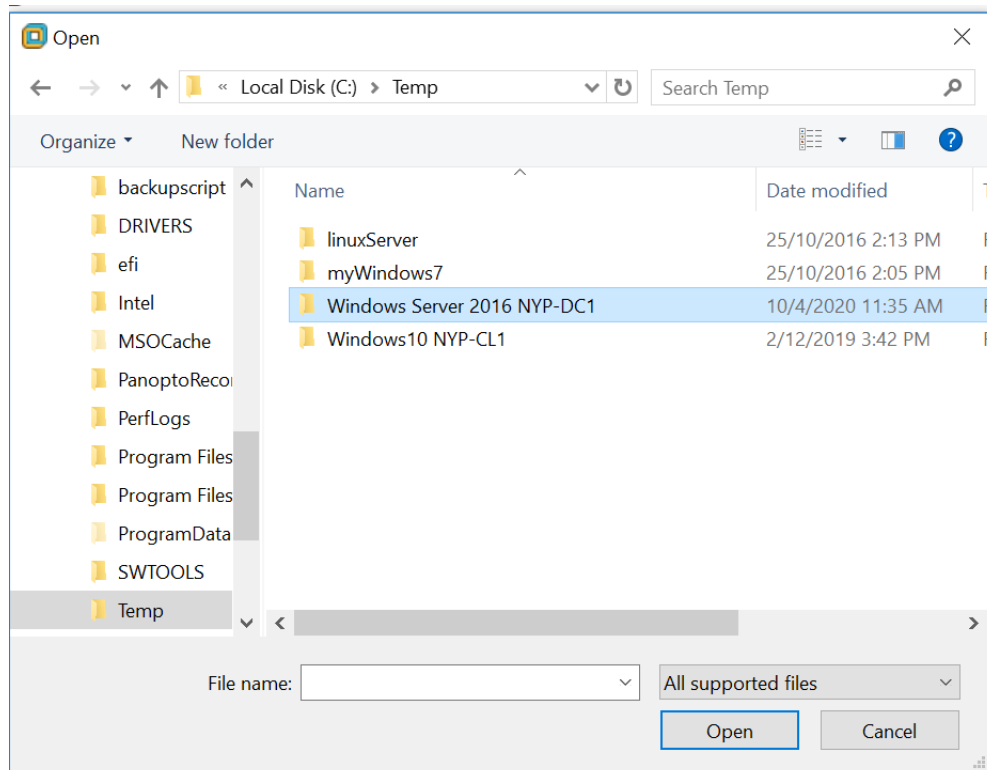
### **Objectives:**

1. Determine the edition of Windows Server.

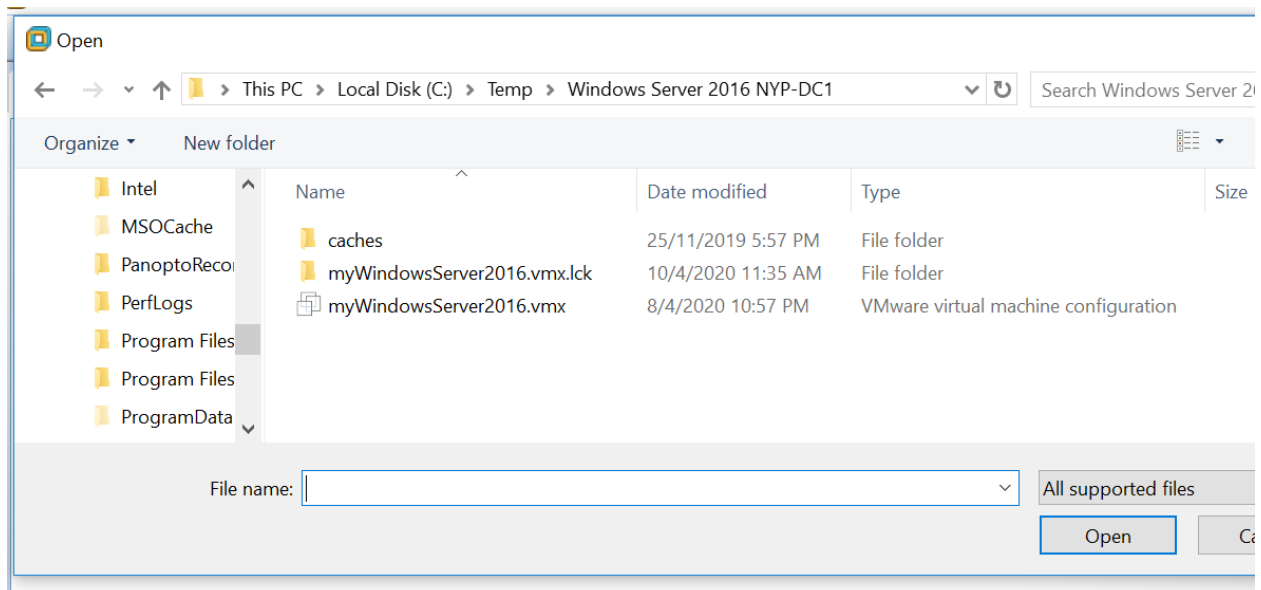
### **Tasks:**



Run VMware Workstation and select Open a Virtual Machine.

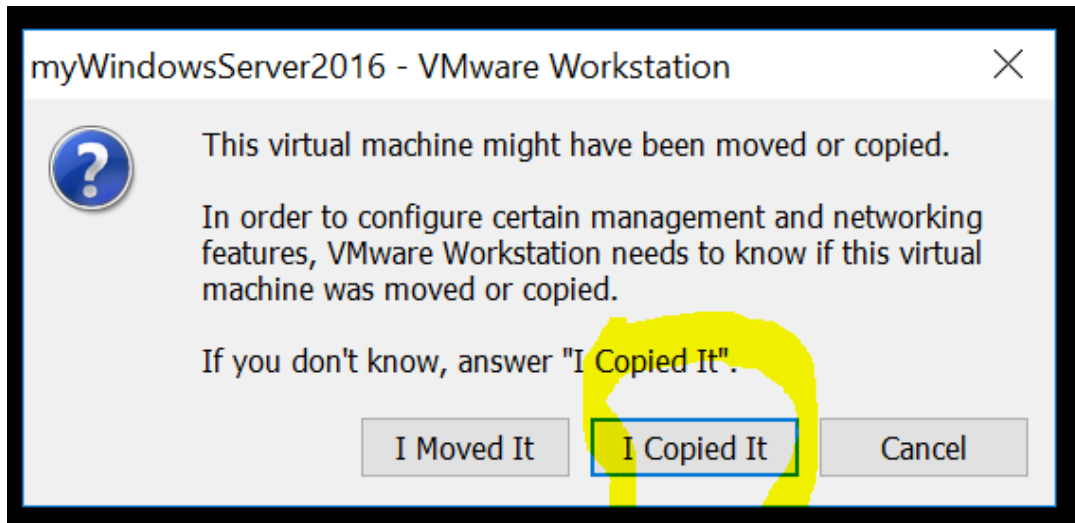


Go to the folder where you unzip/extracted/uncompressed the downloaded **Windows Server 2016 NYP-DC1**, select it and click **Open**.



Select the **VM configuration file** and click **Open**.

Click on **Power on this virtual machine**.



Click on "I Copied It" and vm will run.

1. On NYP-DC1, at the Welcome to Windows dialog box, press the **Ctrl+Alt+Ins** to log in.
2. At the Log On to Windows dialog box, type **administrator** in the User name text box, and type **Pa\$\$w0rd** in the Password text box. Ensure that you are logging into the **Frontier.net** domain.
3. Right-click **Start** → **Control Panel** → **System**.
4. What is the version of the Windows Server? \_\_\_\_\_
5. Close the System Properties window.

## **Exercise 2**

### **Objectives:**

1. Determine the domain or workgroup membership of a Windows Server system.

### **Tasks:**

1. On NYP-DC1, click **Start**, click **Control Panel**, and then click **System**.
2. Click the **Advanced system settings** → **Computer Name Tab** → **Change** button. In the [Computer Name] tab, click on the **Change** button. The Change dialog box appears, read the message you are presented with and click **OK**. This message appears because your server is currently configured as a domain controller.
3. Notice in the lower portion of the Computer Name/Domain Changes window that the Member of section is grayed out and cannot be changed. If your system is not a domain controller, this screen would be used to add the server to a domain or workgroup. Your server is currently configured as a domain controller in Frontier.net.

4. Click **Cancel** to close the Computer Name Changes window.
5. Click **OK** to close the System Properties window.
6. Close opened Windows.

### **Exercise 3**

#### **Objectives:**

1. Use Active Directory Users and Computers to view and configure computer account settings and properties.

#### **Tasks:**

1. On NYP-DC1, inside Server Manager, click **Tools**, and click **Active Directory Users and Computers**.
2. Click on the **triangular sign (|>)** next to the frontier.net icon to expand it.
3. Click on the **Domain Controllers** folder to view its contents. This object is an organizational unit in the frontier.net domain.
4. Right-click the **NYP-DC1** computer object and click **Properties**.
5. Review the information provided on the General tab. In the Description text box, type **Domain Controller for frontier.net**.
6. Click the **Operating System** tab. This tab displays information about the operating system installed, along with version number and service pack information. Click **OK**. You will review the remaining tabs found in the properties of a computer account in a later chapter.
7. Close Active Directory Users and Computers.

### **Exercise 4**

#### **Objectives:**

1. Create a custom MMC (Microsoft Management Console)

#### **Tasks:**

1. On NYP-DC1, Click **Windows Powershell**, and then type **mmc** in the Open text box. Click **OK**.
2. Click the **File** menu, and click **Add/Remove Snap-in**.
3. From the list of available snap-ins, click **Event Viewer** and click **Add**. When the Select Computer dialog box opens, make sure that the **Local computer** radio button is selected and click **OK**.

4. Click **Device Manager** on the list of available snap-ins and click **Add**. In the Device Manager dialog box, ensure that the **Local computer** radio button is selected and click **Finish**.
5. Click **OK** in the Add/Remove Snap-in dialog box.
6. To save the console, click the **File** menu, and click **Save As**. In the Save in dropdown box, select your desktop, type the file name **My Console** in the File name text box, and click **Save**.
7. Close the My Console window. If prompted to save changes, click **Yes**.
8. Double-click the **My Console** file on your desktop to open the custom console. Notice that it includes both the Event Viewer and Device Manager snap-ins.
9. Close the **MMC**.

### **Exercise 5**

#### **Objectives:**

1. Sign out or Restart or Shut down the server

#### **Tasks:**

1. On NYP-DC1, RIGHT-click the Start button on the bottom left corner and select the **Shut down or sign out** option. From there you can Sign out (log off), Shut down or Restart the server.

