University of Baghdad
College of Science for Women

Cloud Computer Lab Materials

Department of Computer Science

4th class

2023/2024

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1- Creating new virtual machine

In order to start the use of the virtualization technology that is mainly used in cloud computing, follow the instruction below:

Figure 1. Creating a new virtual machine

To create a new virtual machine, select the + icon in the middle of the screen as shown in Fig.1. Also, you can make a new virtual machine by selecting the **File** menu and then select **New Virtual Machine** or by pressing **Ctrl + N** from the keyboard as shown in Fig.2.
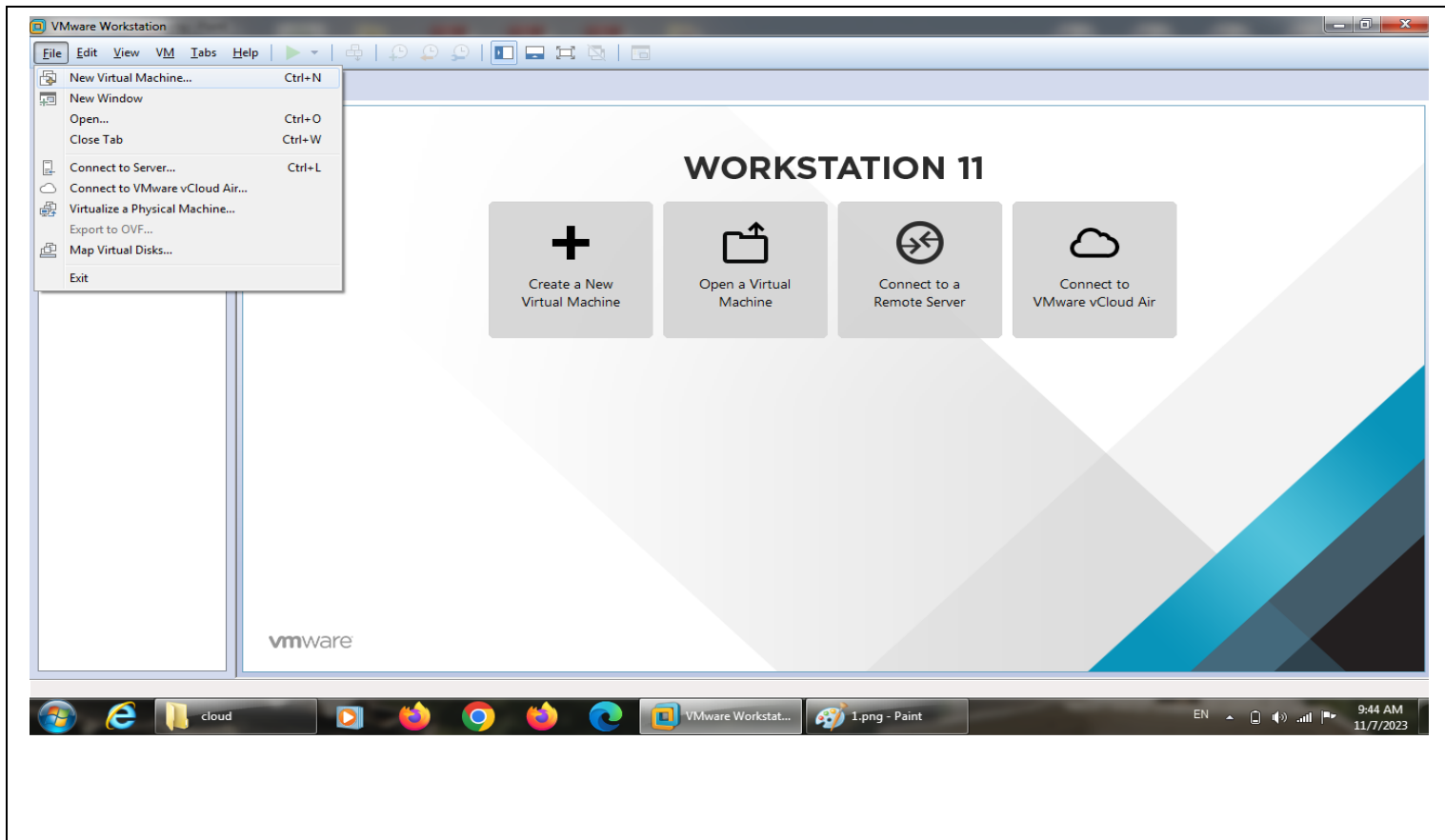
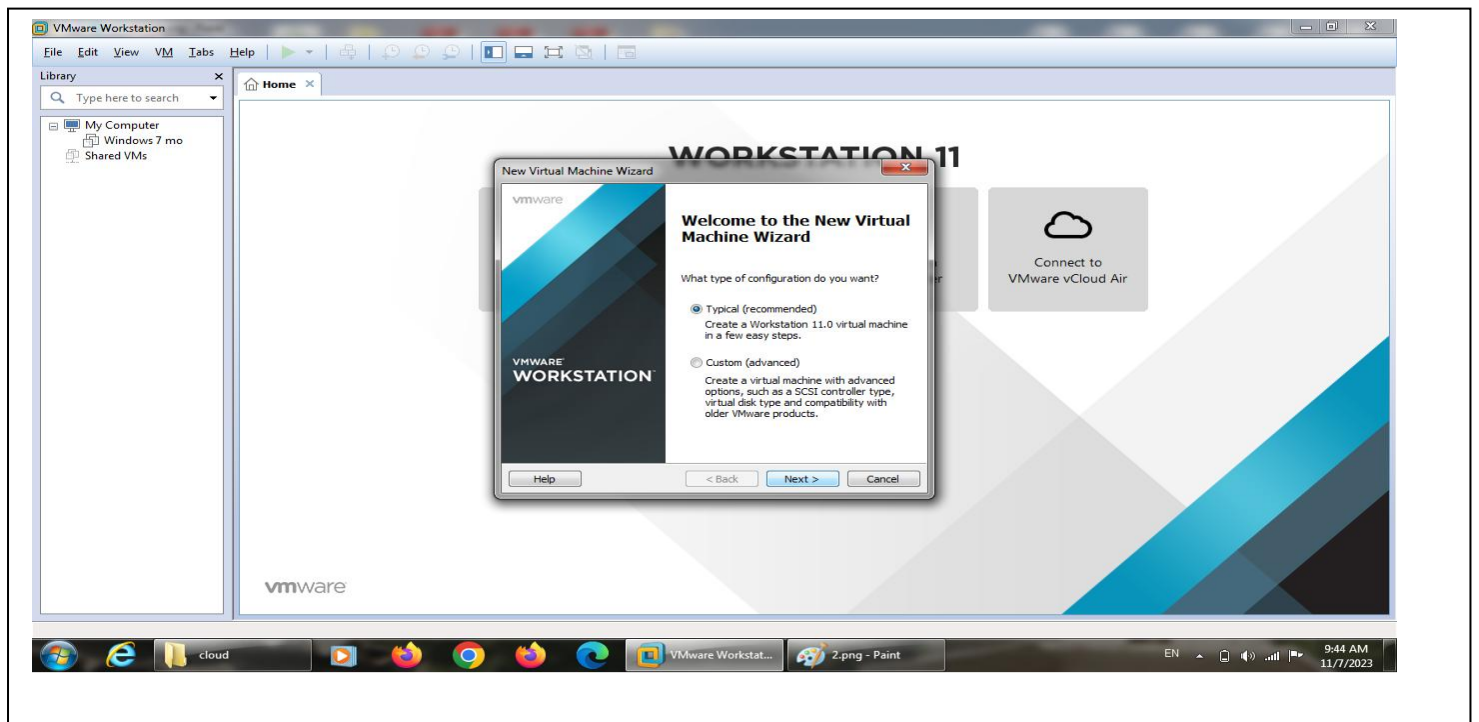**Figure 2. Creating a new virtual machine by selecting File menu**

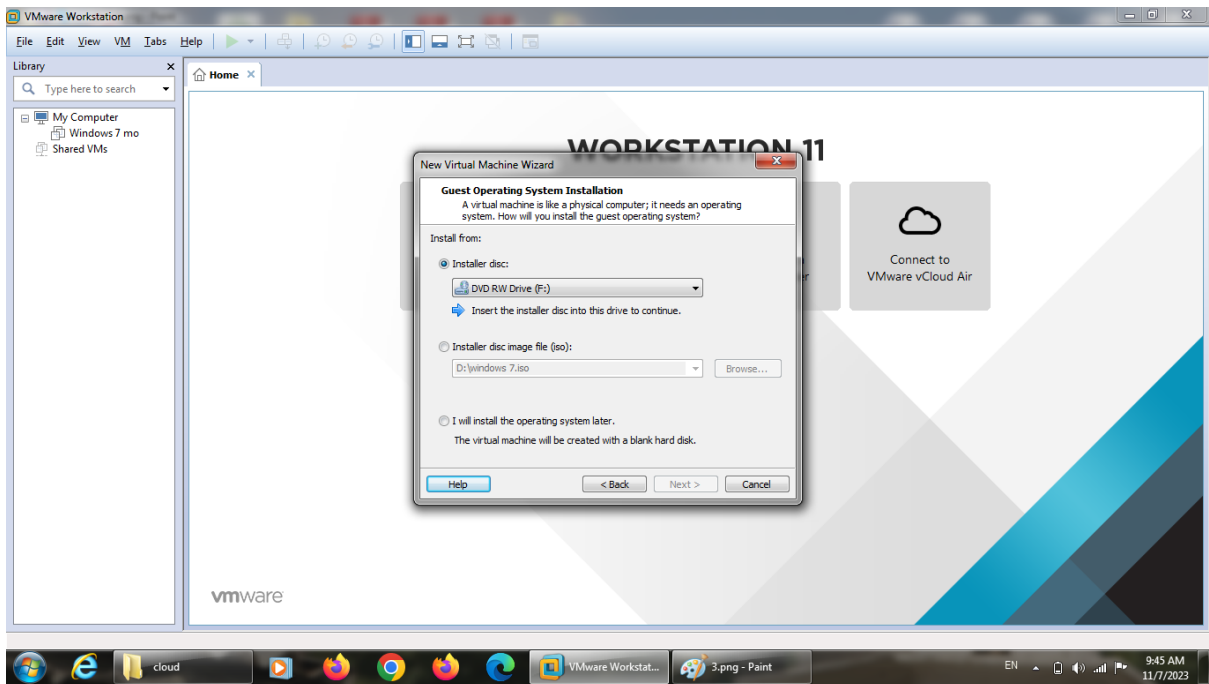**Figure 3. Wizard of creating new virtual machine**

Figure 4. Installing an operating system for the new virtual machine

In order to start the process of installing an operating system for the new virtual machine, select one of the options that are illustrated in Fig.4 above. The first option (Installer Disk) will install OS from the CD drive. The second option will install an image file (ISO). The last option will allow the user install OS later.
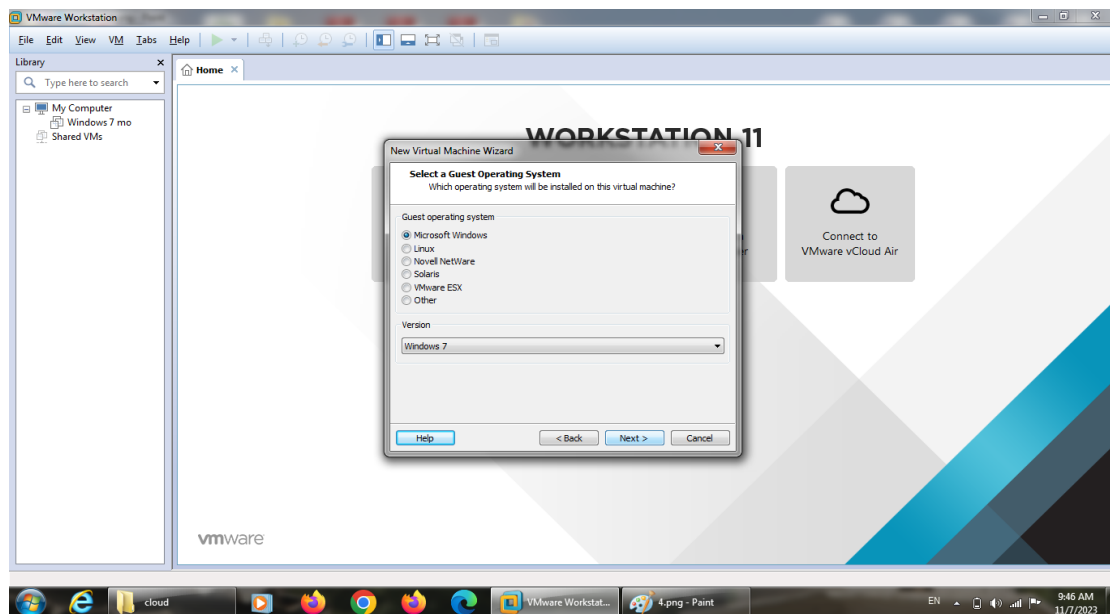

Figure 5. Selecting OS for creating virtual machine

In Fig.5, the user needs to choose which OS will be installed for the new virtual machine.
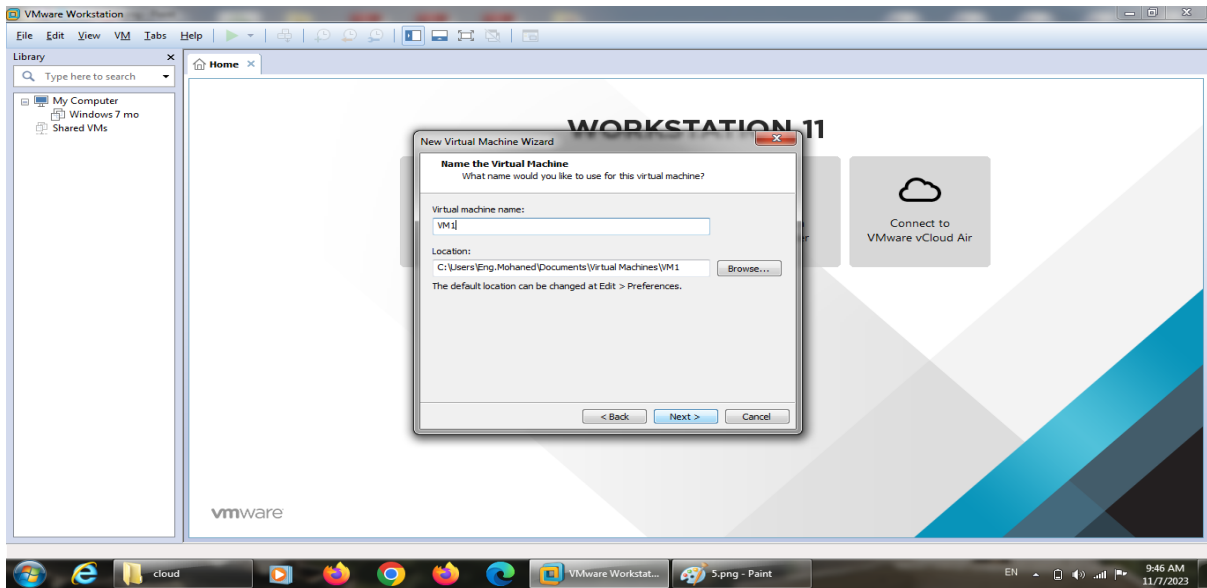

Figure 6. Selecting a name for the virtual machine

In order to select a name for the new virtual machine, the user should select a name in English starting with any alphabet from A to Z and can add any number as shown in Fig.6.
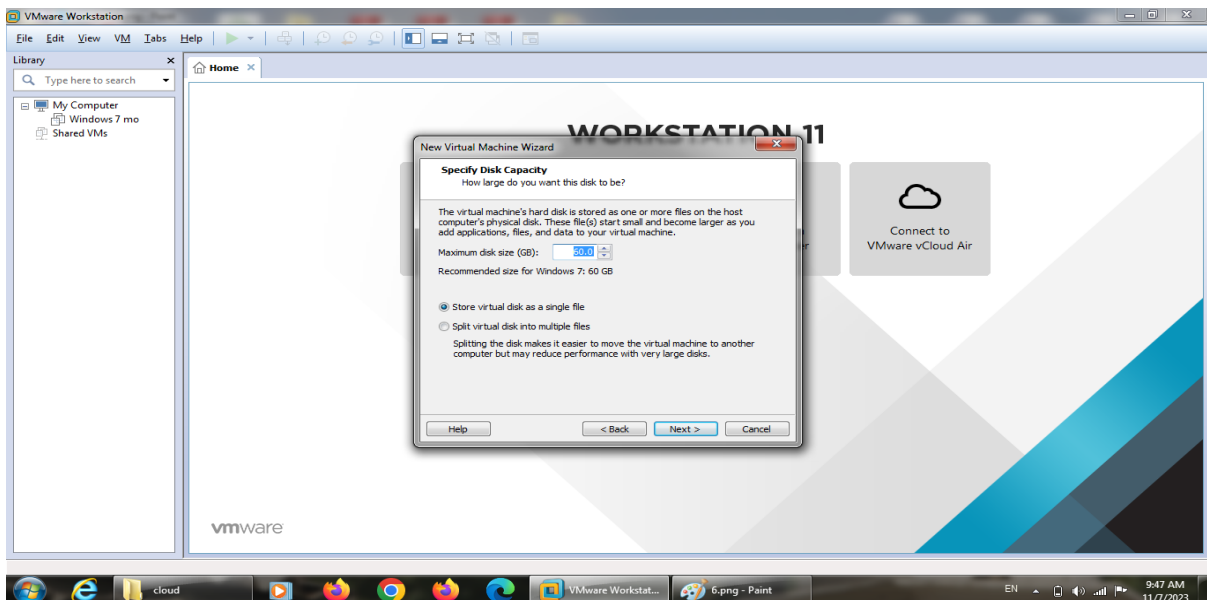

Figure 7. Customize the hardware resources of the virtual machine