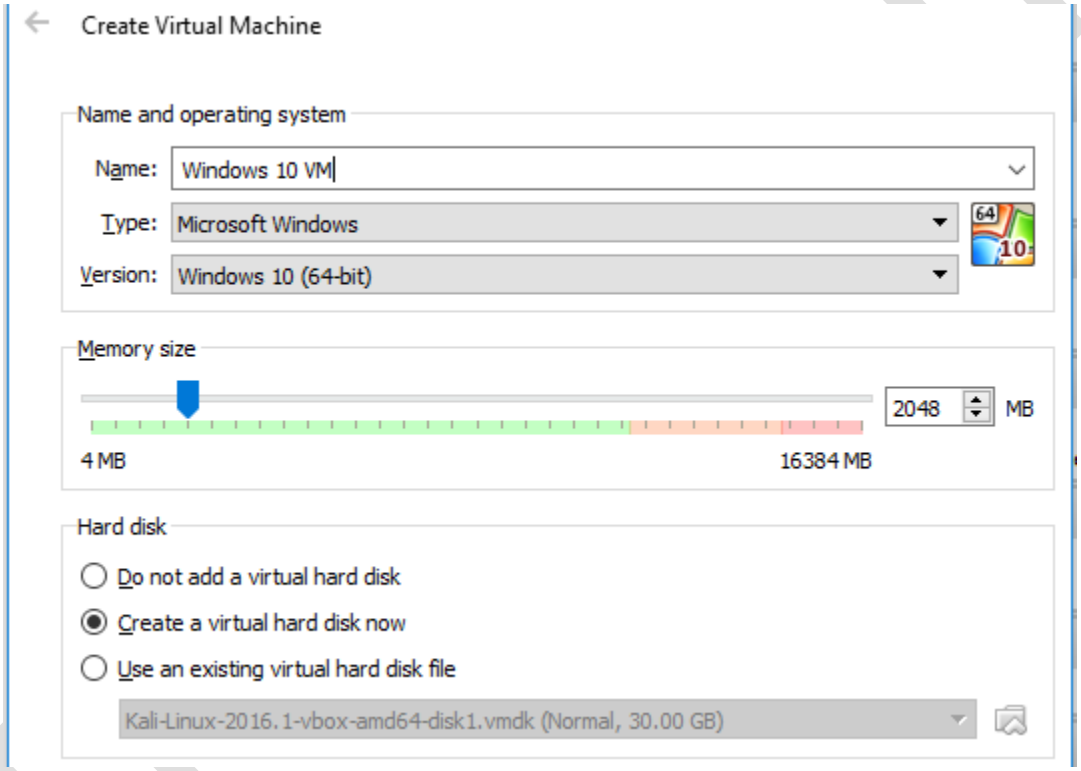
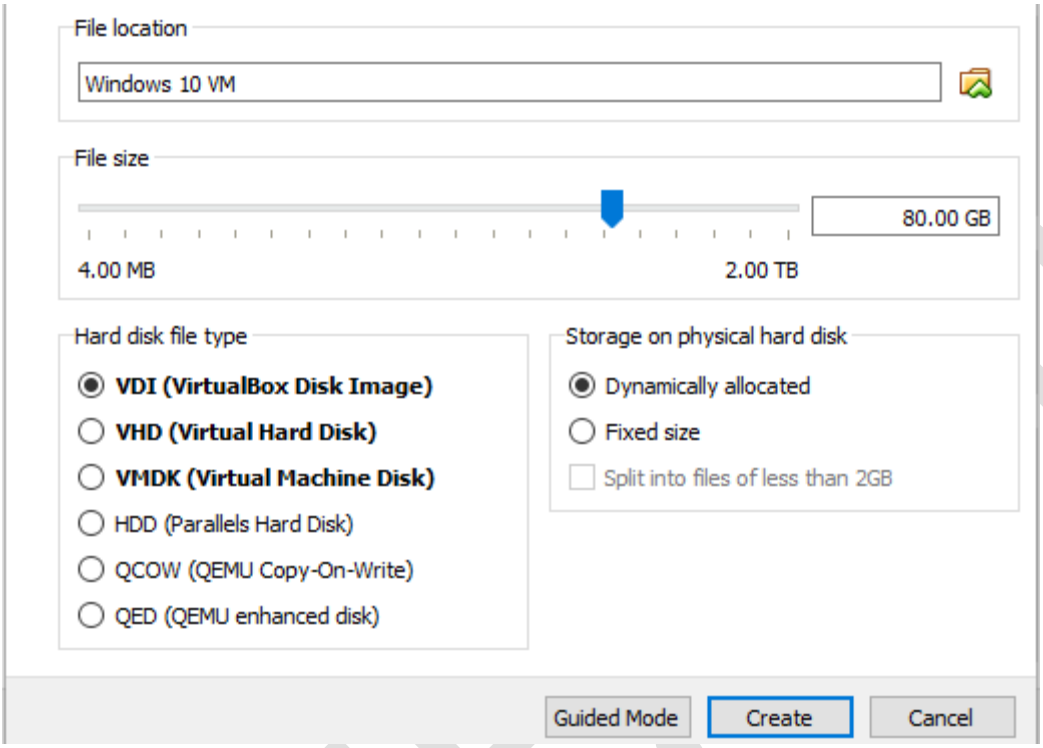
In this lecture we are going to create a new VM and install Windows 10. The reason why we are doing this is so we can later join the new computer to our Windows Domain and learn how to manage a client computer from a DC. To get started, the first thing we need to do is create a new Virtual Machine. Open VirtualBox and click on the New button.

The **Create Virtual Machine** window will appear. If you see the **Expert** button at the bottom of the Window, go ahead and switch over to that mode. Expert Mode



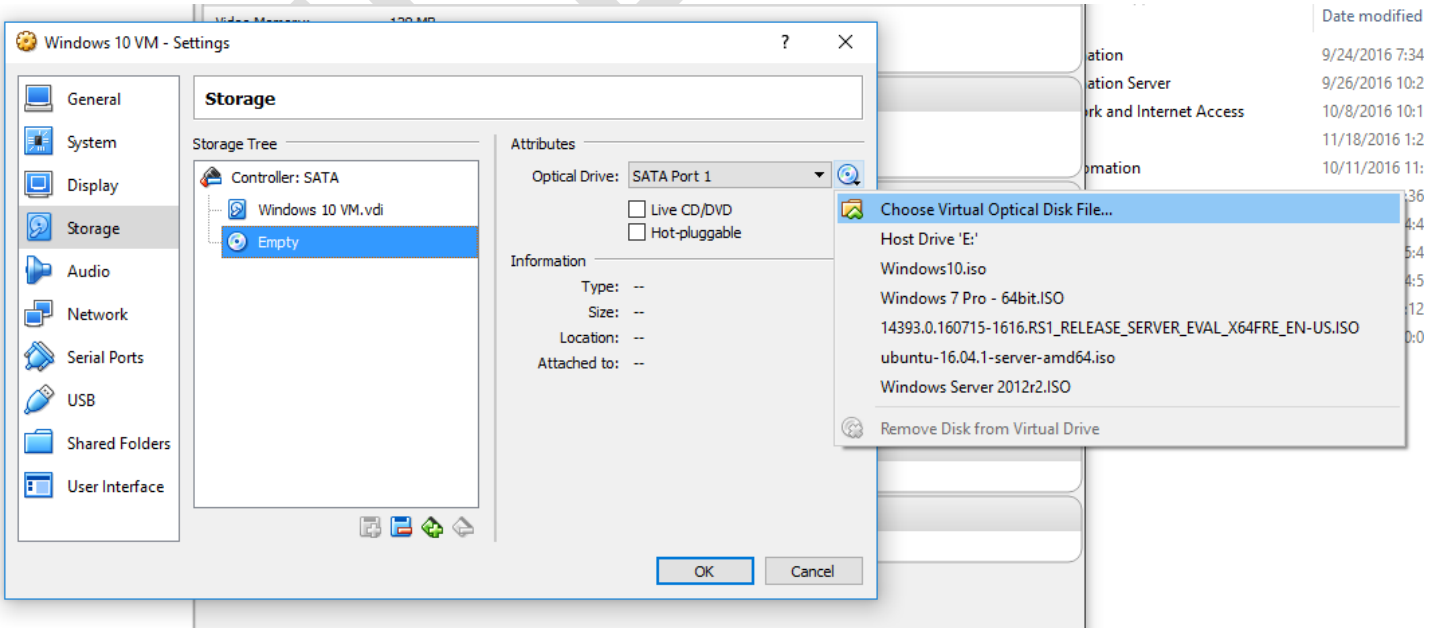
I am going to name my VM "Windows 10 VM". Once I input that name it automatically selects the **Type, Version and Memory Size**. Make sure you check the **Create a virtual hard disk** now checkbox and click **Create**.

The **Create Virtual Hard Disk** window will appear. Leave the file location at the default setting. Specify the HDD size you want in gigabytes. I am going to use 80 GB. Make sure **Dynamically Allocated** is checked and click **Create**.

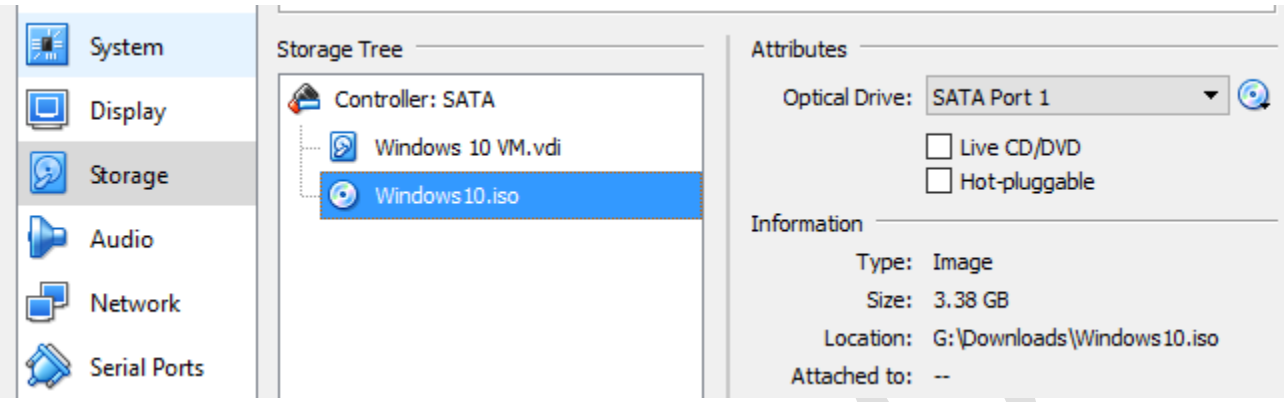


Now we need to mount the Windows 10 ISO we downloaded earlier. To mount an ISO means to virtually insert the disc into the computer (or VM). Right-click on the VM and select **Settings**. Navigate to the **Storage** tab.

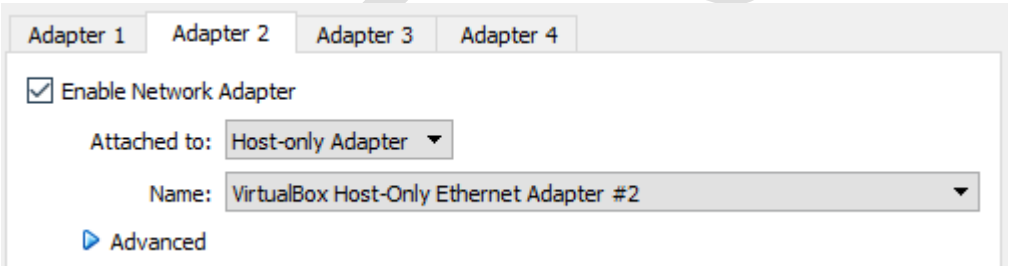
Select the empty disc icon and under **Attributes** on the right side of the window click the disc icon and select **Choose Virtual Optical Disk File…**



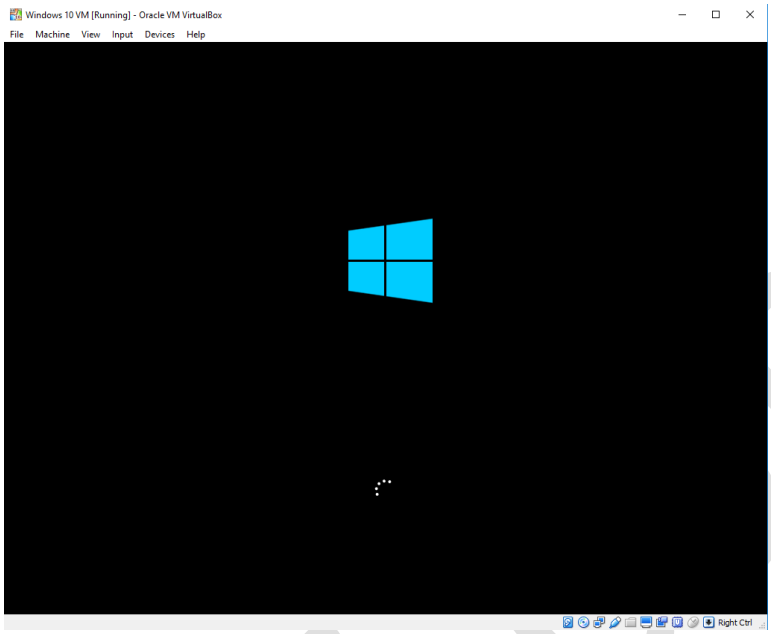
Browse to and open the Windows 10 ISO we downloaded earlier with the Microsoft Media Creation Tool. Now you should see “Windows10.iso” in the CD icon under the **Storage Tree**.



The last thing we need to do is put our VM on the Host-only network we previously created for our domain controller. Click on the **Network** tab and choose **Adapter 2**. Check the **Enable Network Adapter** checkbox and change the **Attached to** dropdown list from **NAT** to **Host-only Adapter**. Make sure that the same network you’re using for your DC is listed under **Name**.



Click **OK** to close the settings Window. We are now ready to begin the installation of Windows 10. Right-click on the VM and choose **Start > Normal Start**. The VM will begin to power on an it will load the Windows installation files.



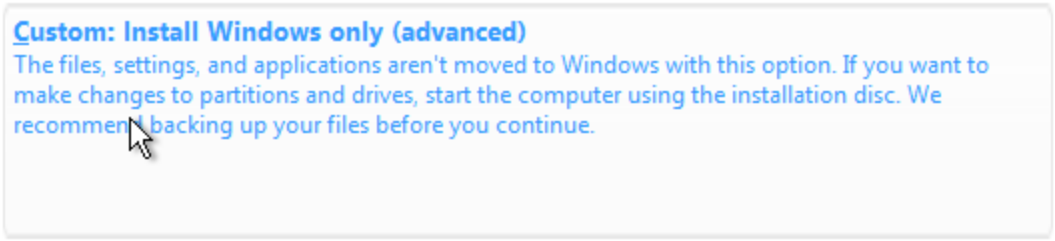
Once the initial loading is complete you will be prompted to enter your language, time settings and keyboard method. Make sure you select the correct Keyboard method as this can making using the OS nearly impossible if it is wrong. Mine is configured correctly by default so I am just going to click **Next**. On the next screen click **Install now**. The following screen will prompt you to enter your license key. If you have one you may enter it now otherwise click the **I don't have a product key** button at the bottom of the screen. I don't have a product key

The next screen will ask you what version you want to install. Select the appropriate version you would like to install and click **Next**.

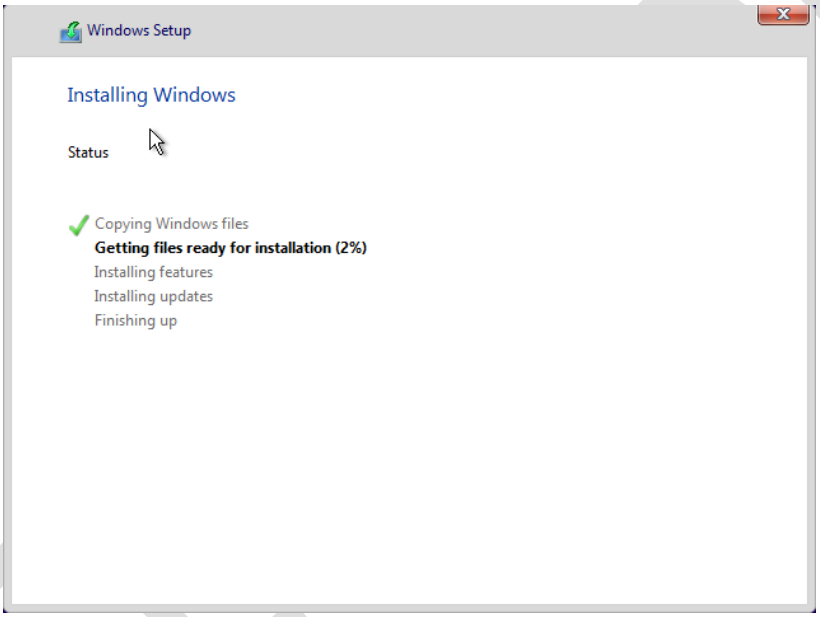
Select the operating system you want to install

Operating system	Architecture	Date modified
Windows 10 Pro	x64	7/16/2016
Windows 10 Home	x64	7/16/2016
Windows 10 Home Single Language	x64	7/16/2016
Windows 10 Education	x64	7/16/2016

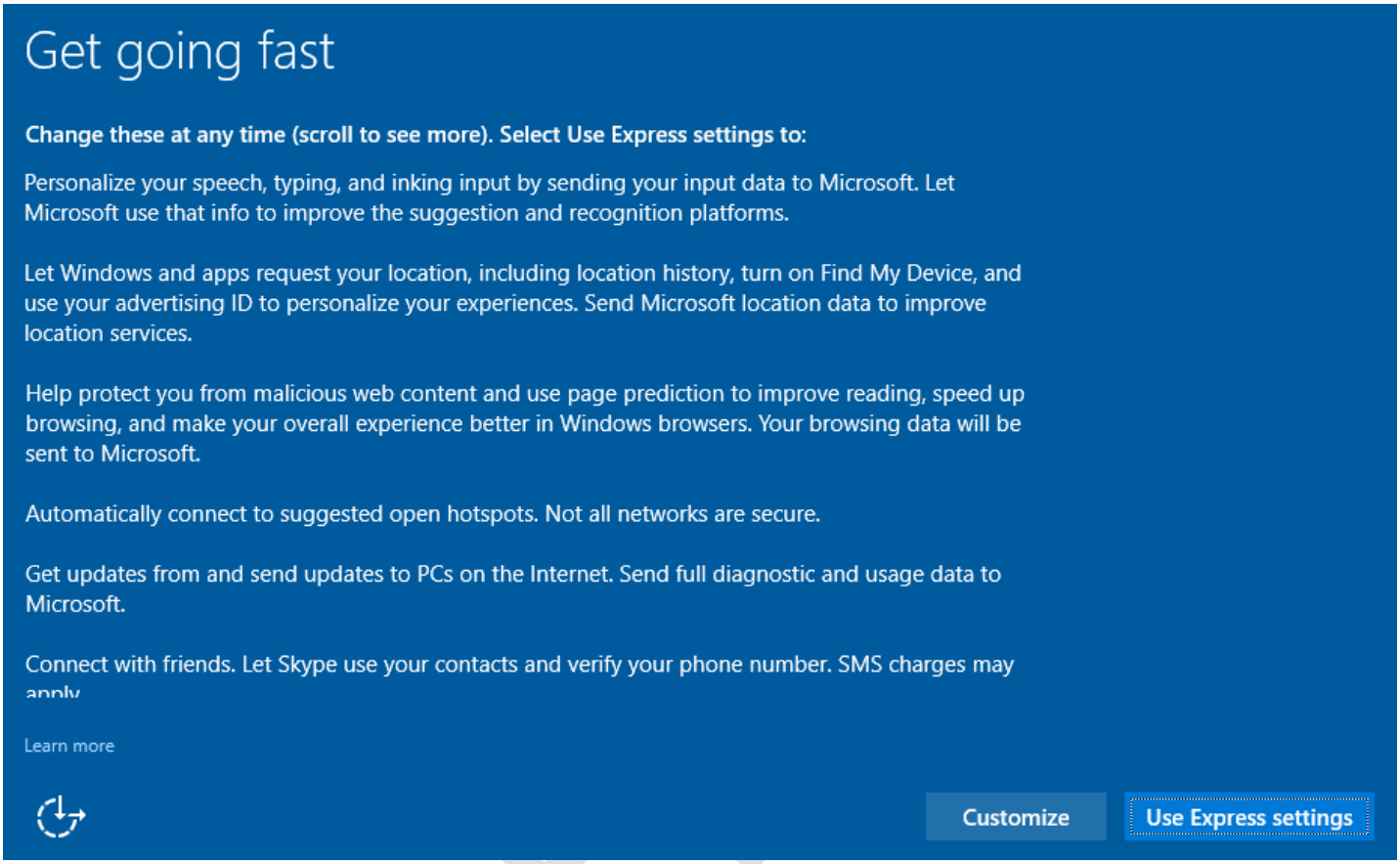
You now need to accept the license terms and click Next. Since we do not already have an OS installed that we are upgrading, we need to choose **Custom: Install Windows only (advanced)**.



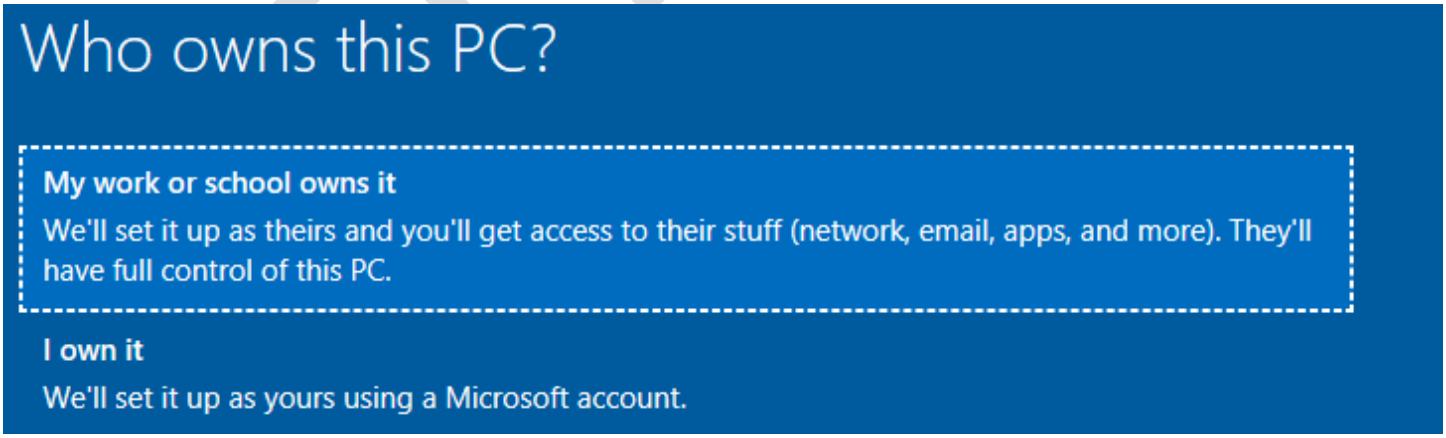
The next screen asks us to choose the HDD we want to install the OS on. The default options are fine so I am going to click **Next**. Now the installation will begin. This will take about 20 minutes to complete so I am going to speed up this video. You can pause this lecture until your installation is complete and we will complete the installation.



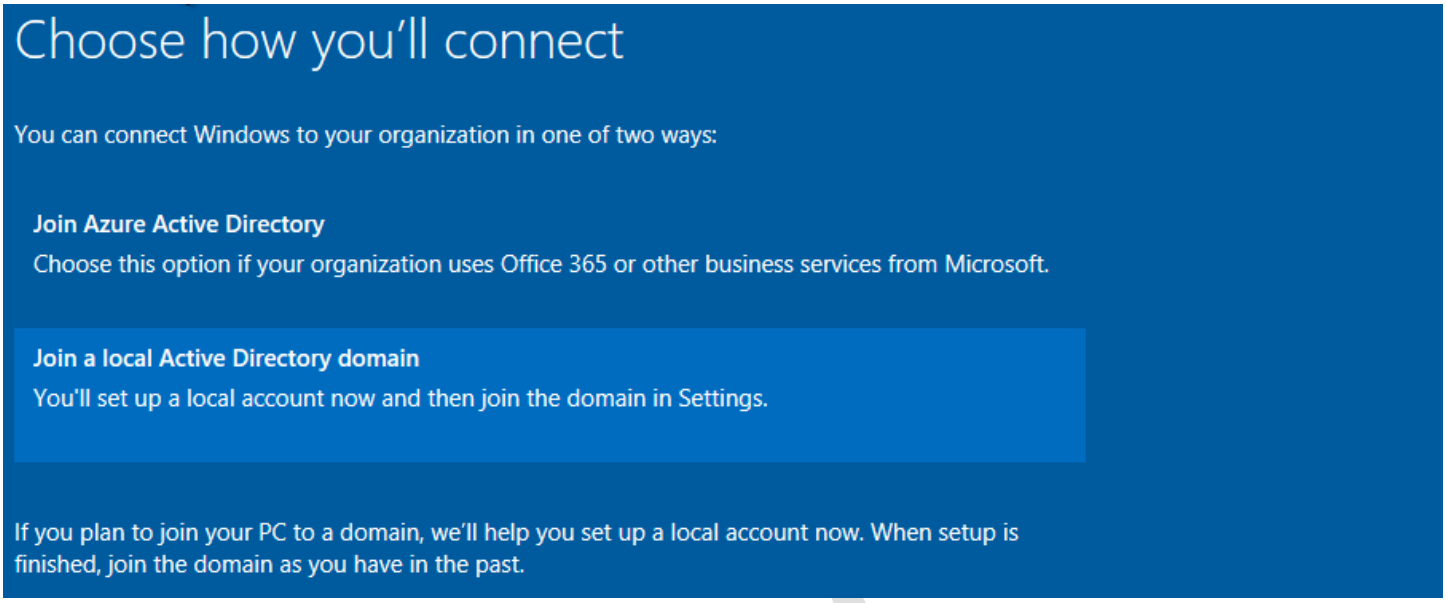
Once the installation completes you will be brought to the **Get going fast** screen. Click **Use Express settings** to continue.



On the next screen you will need to specify who owns the PC. Since we are going to join this computer to a domain you will want to select **My work or school owns it** and click **Next**.



On the next screen we want to choose **Join a local Active Directory domain** and click **Next**.



Now we need to create our local user account for this machine. I am going to use the username paul.hill.local and I will create a password and a hint. Click **Next**. Now we need to decide if we want to use Cortana or not. I am going to choose **Not now** because I don't want the computer slowed down unnecessarily by Cortana.

Now the desktop will load and we are done install Windows 10. Great job and I will see you in the next lecture!