Microsoft IT Camp

Hands-On Lab – Prep

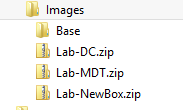
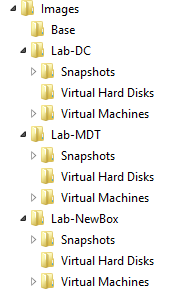
# Lab Prerequisites

* + Basic Knowledge of Hyper-V
  + Windows Server 2012, Windows 8 Professional, or Windows 8 Enterprise installed on local hardware with Hyper-V role added and working

1. Log on to **Windows Server** **2012** as your **Administrator** account. Open your web browser (make sure you are connected to the Internet [**www.bing.com**])

*NOTE: If you are trying to use a Wireless Connection for the first time on Windows Server, see the “Wireless on a Server?” section at the end of this document for some instructions.)*

* 1. Navigate to **http://aka.ms/SC2012Eval** start download of System Center. Pause download
  2. Navigate to **http://aka.ms/GetWin2012** and start the download of the Windows Server 2012 VHD. Pause download.
  3. Navigate to **http://aka.ms/HyperV2012** start download of Hyper-V Server. Pause download
  4. Take a **screenshot** (Snipping Tool) of the download manager for **Call-To-Action Challenge**.
  5. Once you take a screenshot of download manager and get a USB stick, you can then cancel the download. The act of starting the download (through above metered URLs) shows Microsoft that you are actively participating in the labs.
  6. Navigate to **http://aka.ms/IaaS** and create a Windows Azure Account (unless you already have one)

1. Get a USB Stick… Verify the Directory Structure of USB: Open **Windows Explorer.** Copy the “\**Images**” folder from the USB Stick to a drive on your computer that has plenty of available space.
2. Navigate to the folder where you copied the **\Images** folder from the USB stick. Verify that you have at least the files/folders listed 🡺🡺
3. In the **\Images\Base** folder, extract the**.vhd** from the **vhd\_server\_serverdatacentereval\_en-us.exe** file, rename it “**Server2012Eval.VHD**”, and put it into the **\Images\Base** folder. (**NOTE**: be careful that you’ve actually put the .VHD file in **\Images\Base**, and not simply created a new folder there. The extraction creates a folder by default. If you created a folder, make sure to move the .VHD out of it and directly into **\Images\Base**.)
4. Extract the three **Lab-xxx.zip** files, and then go ahead and delete (or move) the .zip files if you choose. Your folder structure should now look like 🡺🡺

# Wireless on a Server?

* 1. On Windows Server 2012 you must add the feature called “Wireless LAN Service”
  2. In Server Manager, towards the top-right part of the screen, click on **Manage**, and then **Add Roles and Features**.

1. In the **Add Roles and Features** wizard, click **Next**.
2. On the **Select Installation Type** page, click **Next**.
3. In **Server Selection**, your server should be selected. Click **Next**.
4. In Server Roles, Click **Next**
5. In **Server Features**, scroll down the list of features to the very end. Check the box next to **Wireless LAN Service** (should be the third from the bottom). Click **Next**, then click **Install**.
   1. Once installed, you may need to go into the Services application and manually start the **WLAN AutoConfig** service.
   2. That’s it! If you’re still unable to get wireless to connect, restart your machine.
   3. If it still won’t work, then unfortunately it may be that Windows Server 2012 doesn’t have a driver available for your device, you’ll need to find a neighbor to help you download the driver or find some other method of acquiring one.

