Issues encountered getting the VMware setup to work for BDU Hadoop Fundamentals I

1. Downloaded image iibi3002\_QuickStart\_Cluster\_VMware.7z and initially the download was incomplete but there was no error message indicating that. When I tried to unzip it gave an "Can not open file 'a.7z' as archive" error.

2. According to their recovery notes…..In that case you must open archive in hex editor and look to Start Header and End Header. I downloaded FAR (their recommendation) to edit the archive. The archive is so large (11G) that it took for ever to edit so I canceled it. It probably would have failed had I waited even longer!!

3. I downloaded the image again (with a faster download speed) and voila it was a bit larger (12G). This archive extracted successfully.

4. I downloaded the VMware player which uses this image. This was the next combo of error messages (and help that I search for and copy pasted):

This virtual machine is configured for 64-bit guest operating systems. However, 64-bit operation is not possible.

This host supports Intel VT-x, but Intel VT-x is disabled.

Intel VT-x might be disabled if it has been disabled in the BIOS/firmware settings or the host has not been power-cycled since changing this setting.

(1) Verify that the BIOS/firmware settings enable Intel VT-x and disable 'trusted execution.'

(2) Power-cycle the host if either of these BIOS/firmware settings have been changed.

(3) Power-cycle the host if you have not done so since installing VMware Player.

(4) Update the host's BIOS/firmware to the latest version.

For more detailed information, see http://vmware.com/info?id=152.

I shutdown the W520, then started it. Once the ThinkPad splash screen appeared, I pressed the F1 key to enter the BIOS.

Within the BIOS, I chose the "Security" option/tab. Under that option, I chose the "Virtualization" option.

Thereunder was the following:

Intel (R) Virtualization Technology [Disabled]

I changed that to "Enabled".

Saved and Exited from the BIOS.

Now, when I open the VMware virtual machine, and then click on Power > Power On, I no longer get the popup message about not being to run 64-bit code.

I am very relieved that the problem is now resolved !

5. All of the above translates into that the BIOS needs to be updated. I had to figure out how to do that with Windows 8.1:

Shut down the PC by holding down the left Shift key as you click on Shutdown to temporarily prevent a hybrid boot.

Tap away at the esc key as soon as you press the power button to see if this will launch the Start-up Menu.  If it does, select f10 to enter the bios menu.

6. After this the next error was a lack of physical memory error:

Not enough physical memory is available to power on this virtual machine with its configured settings.

It is possible that native applications and/or services have locked down memory which could be preventing the virtual machine from launching. Shutting down unnecessary applications or services may free enough memory to launch this virtual machine.

If you were able to power on this virtual machine on this host computer in the past, try rebooting the host computer. Rebooting may allow you to use slightly more host memory to run virtual machines.

I googled this solution which fixed it and the VMware tool was operational.

Your method of adding the line

vmmon.disableHostParameters = "TRUE"

to the config.ini file worked like a champ

C:\Users\hyd\AppData\Roaming\VMware>dir /b

config.ini

also add to the \Local\VMware

I am a wee bit proud of myself for trouble shooting this issue and getting it to work, though it did take time and perserverance.