**CTS1132 Lab 4.1**

**Install Windows 7 into a virtual machine. Use the virtual machine to manage volumes. Understand how to save a virtual machine to a USB flash drive.**

**Items needed**

1. Windows 7 .iso file (In K-10: C:\Virtual Machines\ISO)
2. USB flash drive formatted NTFS with at least 8 GB of available space.

**In K-10**

1. Start Virtual Box.
2. Create virtual machine.
	1. Create a virtual hard drive
		1. Dynamically allocated
		2. 40GB
3. Change Settings
	1. Storage: CD/DVD
		1. Choose a virtual CD/DVD file
		2. C:\VirtualMachines\en\_windows\_7\_professional\_with\_sp1\_x86\_d\*.iso
4. Put USB flash drive in rear USB port.
5. Export Appliance to USB flash drive.
6. Start virtual machine.
7. Open Computer Manager
8. Start Disk Management
	1. Create New Simple Volume H: with the size of 10GB formatted NTFS.
	2. Shrink C: by 5GB.
	3. Add 5GB to H:
	4. Convert to Dynamic disk
	5. Create New Simple Volume U: from the remaining space formatted NTFS.
	6. Create a screenshot of the Disk Management windows showing the volumes and save as ***Lastname*Lab04\_01.png** and upload to Lab 4.1.