Extra Credit Exercise

Installing VMWare Player

And

Creating a VM

Professor

Rieks

Goal

This extra credit exercise is written from the point-of-view of a windows 10/11 desktop computer or laptop. If you are using a MAC, this assignment will also work but you may need to make a few 'tweaks' in our MAC. If you are using a MAC, you'll need to download VMWare Fusion from here https://www.vmware.com/products/fusion/fusion-evaluation.html   Alternatively you may use parallels or something similar to run both Ubuntu and windows server on your MAC. It's your choice!

The goal of this extra credit exercise is to

- Have students download and install VMware Workstation player (or parallels or VMware fusion)
- Have students configure the bios of the extra credit exercise computers as to turn on the CPU virtualization settings in the bios
- Have students create Ubuntu VM (virtual machine)
- Understand what virtualization is and how it has become a standard use technology in most all IT organizations.

Let's get started!!!

Enable virtualization support in the computer's BIOS – Read then do.

- You will need to first enable the two CPU / processor virtualization check boxes on your computer. Each computer is different. As such, you'll need to determine how exactly to do this on your own (including MAC)
    - o These features are named Virtualization Technology(VTx) and Virtualization Technology for Direct I/O (VTd)
    - o If there is an options that says something similar to "Multi-processor and Hyperthreading", enable these as well.
- Save changes, save, and exit

Steps To Follow: Installing VMWare Workstation Player.

Using the following link, download VMWare Workstation Player from the following link.
https://www.vmware.com/products/workstation-player/workstation-player-evaluation.html

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Watch the following video
https://www.youtube.com/watch?v=B1tCRwkFmnA
This YouTube will provide you a lot of great information and basically show you how to complete this extra credit exercise. NOTE: It's not 100% correct or accurate but it is very close!

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Download Ubuntu desktop from here:

- https://ubuntu.com/download/desktop

If you are using a MAC, download UBUNTU for ARM processor from here:

- https://ubuntu.com/download/server/arm

Follow the instructions found in the video. Once you have Ubuntu Linux installed, login using the password of you selected during the installation (the password you selected during installation).

Handing in the extra credit exercise.
To turn in this weeks extra credit exercise, you need to submit a screen capture of your UBUNTU workstation vm running on your laptop. Copy /paste these screen captures into this document below. Submit this document on canvas. If you need additional space, create a new page at the end of this extra credit exercise.

If you complete the extra credit exercise, you will earn 1 extra point. This is the only extra credit opportunity for IST 615.

Place a screen capture of your VM's here