

Assignment Introduction to Virtualization

For this Assignment, you will view the “Introduction to Virtualization” Video Class from Eli the Computer Guy at:

<http://www.elithecomputerguy.com/2012/02/03/introduction-to-virtualization/>

This Assignment consists of a question set based upon Eli’s fifty nine minute Virtualization tutorial.

Tutorial	Description
Introduction to Virtual Computing	In this video, Eli will provide you with an applied overview of virtualization and more depth concerning hypervisors. He will also introduce you to applied issues such as converting real machines to virtual machines.

Table 1 *Eli the Computer Guy Introduction to Virtualization Tutorial*

Instructions

These questions are meant to serve as a guide for your studies. Prepare the answers so that you will be able to post the questions and your answers to your online portfolio.

It is suggested that you view each of the tutorials. However, if you would like to challenge the tutorials and just complete the questions, as long as you complete the questions correctly, that is also an acceptable option.

After you answer the questions, upload them to your online portfolio.

1. How does virtualization relate to Cloud Computing?
2. In a virtualization context, what is an operating system instance?
3. Is it difficult to move instances between different hardware units?
4. On a Type 1 Hypervisor, how would you manage the O/S instances?
5. According to Eli, how much does a Type 1 Hypervisor usually cost?
6. What cautions does Eli have concerning networking and Type 2 Hypervisors?
7. How does Eli define web applications?
8. How does Eli define Cloud Computing?
9. How does Eli describe a server cluster? What is a typical application for a server cluster?
10. What are terminal servers? How would describe the architecture used in a terminal server set-up?
11. What is a thin client?
12. What is an application server? How does it differ from a terminal server?
13. What is Virtual Box? What does it cost?
14. What advice doe Eli offer concerning licensing?