

Week 3: Week 3 - W3 Assignment 2

DROPBOX DELIVERY REQUIRED

Please use the appropriate basket in the Dropbox area to deliver materials required for this assignment.

Technical St

© 2014

Assignment 2: Dropbox Assignment

Online Lab and Course Project

This assignment consists of three parts:

1. Online TestOut Hands-on Lab 3
2. Part 3 of the course project
3. Summative document

TestOut Hands-on Lab 3

To complete this lab:

1. Login to your TestOut account.
2. Then, complete the following labs:
 - a. 4.2.3 Reconnect to an Ethernet Network
 - b. 4.2.4 Select an Ethernet Cable
 - c. 4.3.3 Connect Network Devices 1
 - d. 5.1.5 Configure IP Addresses

Note: Remember, to be able to do these labs correctly, you are encouraged to review the materials provided under TestOut sections.

3. Once you are done with your lab, click **Done** for your score to be submitted. You can do each lab up to three times. The average score will be considered.

Course Project—Part 3

In this assignment, you will study the OSI layers and how data flow takes place between them.

← Start

Using the South University Online Library or the Internet, research the following:

- OSI layers
- Network addressing schemes

Continuing with the scenario you worked with in **W2 Assignment 2**, in which you designed a network and selected the necessary hardware and software, this week you will complete the following task:

- Consider the network design you created in **W2 Assignment 2**. A computer **A** in United Kingdom sends data to computer **B** in Dreamz Inc. network. Discuss how data will flow at each OSI layer. At each hop, what will be the source and destination Media Access Control (MAC) and IP address? Mention a rationale for each address.

Summative Document

Create a 3-page Word document that presents the following:

- A summary of your Hands-on Labs 1–3 results
- A summary of your work done till **Week 3** on the course project
- A discussion on how you will utilize the experience gained from Hands-on Labs 1–3 and the first three parts of the course project with supporting examples

END

Submission Details

Name your report SU_ITS2103_W3_A2_LastName_FirstInitial.doc.

Name your summative document

SU_ITS2103_W3_A2_LastName_FirstInitial_Summative.doc.

Assignment 2 Grading Criteria

Maximum Points

Document posted revealed solid understanding of the task using factual and relevant information, and also provided specific examples you benefited from the hands-on labs in doing the course project.

60

Completed all the assigned tasks for Hands-on Lab 3.

60

Specified the source and destination MAC and IP address, provided the necessary rationale, and discussed how both addresses are changed.

40

Written Components.

40

Total:

200



Click here to view the rubric for this assignment.