IST 615 – Cloud Management
School of Information Studies - Syracuse University
Fall / 2024

Homework #1

Due date: September 10 / 2024
Please read these instructions BEFORE starting the activities required for this homework assignment.

Tasks:

1. Go to https://linkedinlearning.syr.edu/

2. Search for the course: Learning Linux Command Line

    o Select the first course listed (By: Scott Simpson)

3. Go through the course and its sections (except for section 1 as explained below)

- You **do not need** to follow all the steps/options mentioned in Section 1: *Setting Up Your Environment*. Instead, to have your own Linux environment for testing, you can use one of these three options:

    o Option 1: Linux playground on killercoda.com
        ▪ Go to   https://killercoda.com/
            • You might need to create a FREE account
        ▪ Select "Playgrounds"
        ▪ Select "Ubuntu"
        ▪ This will give you an Ubuntu Linux environment to execute the commands in the course if you want to.

    o Option 2 **(only for Windows users)**:
        ▪ Install and use the Windows Sub-system for Linux (WSL). The setup instructions can be found in the following links
        ▪ (Windows 10) https://www.omgubuntu.co.uk/how-to-install-wsl2-on-windows-10
        ▪ (Windows 11) https://www.howtogeek.com/744328/how-to-install-the-windows-subsystem-for-linux-on-windows-11/

    o Option 3 **(only for Mac users)**
        ▪ MacOS and Linux are both derivatives of the UNIX operating system so they have a lot of common items.
        ▪ Open the Terminal application on your Mac and you should be able to execute most Linux/Unix commands (but there are a few differences). See: https://setapp.com/how-to/how-to-open-terminal-on-mac

4. Complete the report as stated in the "For Your Report" section. Don't forget to add a cover sheet to your report as explained in the Syllabus.

For your report:

1. (30 points) Submit a screenshot of the results of three commands that you executed as you were going through the course and clearly explain the command that you used and its output.

2. (70 points) Submit the course completion certificate that you will receive at the end of the course (or a screenshot of it)