

Assignment - Linux

For this assignment, please answer the following questions. Use your configured dhcp01 for all commands and screenshots. Please cite references.



Reminder: This is an assignment, so you are on your own for answering the deliverables section.

Resource: Chapter 3 of [CentOS 7 Linux Server Cookbook - Second Edition](#)

Questions (1pt)

1. List five common Linux directories and briefly state their purpose?
2. Which command would you use to change directories to `/etc/sysconfig/network-scripts/`? Provide a screenshot of the command and a listing of the contents of that directory.
3. Figure out how to create a directory called "assignment" within your `/home/yourname/sys255` directory. What command would you use to copy the `/etc/hosts` file to your new directory? Provide a screenshot of the `tree` command executed from your home directory.
4. What are the two major text editors used in Linux? Provide a screenshot of `~/sys255/assignment/hosts` in each of these editors (two screenshots)
5. Which file contains a list of user accounts in Linux? Use the `cat` command to provide a screenshot of the contents of this file.
6. Which command would you use to create a user account named *champlain* and set its password.
7. Which command is used to search for words or files as a pipe ("`|`") after a command (example: *command* : _____ *search*). Provide a screenshot where you search the concatenated (`cat`) output of the file from #5 for your username.
8. In your own words, please list out the process for setting a static IP address on CentOS Linux (you did this in the lab and it is documented in the video and the wiki links) Provide a link to your tech journal article. (2 points)
9. What is a *shell* in Linux?



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10. What is the difference between su and sudo -i?
11. You know parts of the command you want to use to accomplish something, yet need to know more about the command and what options there are first. Where can you look in Linux to find additional information about a specific command?. Provide a screenshot where you find more information about the "tree" command.
12. What command would you use (be specific) to find out who is logged into the computer right now. Provide a screenshot.



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