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CS 3910-001

Installing and Configuring Linux

4/14/19

Installation:

The installations for both Ubuntu and CentOS were similar. One big difference to note is that when setting up CentOS, I was able to set a root password, however, on Ubuntu I was not able to set a root password. I would consider the Ubuntu install to be simpler because it was directed at an everyday user. CentOS had a few more things to configure during install since it is directed to those that know more about what they’re doing. As for minimal install, I feel that CentOS had slightly more features that were considered minimal. For example, it already had SSH, but on Ubuntu I had to install the SSH service.

The processes for configuring were generally the same. For CentOS, there were more settings that the user could configure instead of having the system auto configure them like in Ubuntu. In Ubuntu, the things like the network that the system would try to manage got in the way of manually setting up the network.

I would consider CentOS more difficult to set up because it requires more knowledge of different settings. Ubuntu is clearly targeted more for the generic user because the system streamlines configurations doing a lot of things behind the scenes.

\*On CentOS, the instructor got added to the wheel group so that it could be managed as a group instead of individually, like in Ubuntu.

Firewall:

Default deny means that the firewall will deny all incoming traffic. Allowing SSH means that connections made over SSH will be allowed. Allowing ports 80 and 443 allow connections from http and https, respectively. Allowing /24 means that any of first 24 bits of the IP address will be allowed to connect.

\*\*Screenshots of required components can be found in screenshots folder.