



Computer Networking Virtual Learning

ITE - 12.8 - Linux

Application Management

April 15, 2020

Lesson: 4/15/2020

Objective/Learning Target:

- Install, uninstall, and update software packages with yum
- Install, uninstall, and update software packages with apt-get
- Monitor running processes with the ps command



Focus Questions

- What is a software package?
- Which Linux distributions use the yum command to manage software? Which distributions use apt-get?
- Which yum command searches online repositories for a particular package, downloads it, and installs it?
- Which yum command downloads and installs the latest updates for packages installed on the system?
- Which apt-get command uninstalls a package from the system?
- Which apt-get command updates all of the installed packages on a system?
- Which option can be used with the ps command to view all processes running on the system?
- How can you get help with a Linux command?



Learning Tasks

- Navigate to TestOut.com & log on using your credentials
- Navigate to PC Pro Chapter 12 - System Management, Section 8 - Linux Application Management
- Review Vocabulary words for 12.8 before starting into Section
- Read Fact Sheets located in sections 12.8.4
- Watch videos located in sections 12.8.1, 12.8.2, 12.8.3
- Complete Lab Simulation located in section 12.8.5
- Answer/Review Practice Questions located in section 12.8.6



Additional Practice

- Using your own computer, practice some of the techniques used in this section to explore the files of your own computer



Time Breakdown

Videos = 15 Minutes

Fact Sheets = 5 minutes

Lab Simulation = 5 minutes

Practice Questions = 5 minutes

Total Time = 30 minutes

Reference: [TestOut PC Pro Lesson Plan Document](#)