



## Module 2 Mastery Assessment Lab

### Equipment/Supplies Needed

- Computer with internet access
- VMware Workstation Virtualization Software
- Linux Installation File: Debian release 9.12

### Procedure

Perform the steps in this lab in the order they are presented to you. Answer all questions and record the requested information. Use the Linux Virtual Machine to perform lab activities as directed. Unless otherwise stated, all tasks done as a non-root user. If root access is needed use the sudo command.

### Assignment

Lab Submissions Proof: Provide screenshots as indicated in the lab; upload your proof to Moodle for grading.

#### *Drives*

Computer systems brand individual disk storage with a UUID (universally unique identifier). The manufacturer applies a UUID to every drive sold.

1. Using Linux tools define two (2) utilities that will display the UUID of a drive. Show your work with screenshots displaying the tool used and the output of the UUID.
2. Using Linux tools define a method to change the UUID of a drive. Show your work with screenshots displaying the tool used and the output of the UUID.  
(Recommend use of a USB stick to protect your main storage)

#### *Scheduling*

This unit covered topics in scheduling. Demonstrate your understanding in this realm.

1. Using the at command how would you schedule the following task. Assuming the current time is 2pm, trigger the internet browser to start at 4pm. Provide the

appropriate command line string that would accomplish this.

2. Using the attributes in task 2.2.1, how would one code this is cron to occur every Sunday for the entire year? Provide the appropriate command line string that would accomplish this that would be added to the crontab file.

### *Applications*

This unit covered how to install software packages.

1. Document how as an administrator you would install the DNS application. What is the package used for DNS and the apt-get command line string to install it?
2. Provide the command line string that would remove the DNS application using the dpkg command.

### **Rubric**

#### Checklist/Single Point Mastery

<u>Concerns</u> Working Towards Proficiency	<u>Criteria</u> Standards for This Competency	<u>Accomplished</u> Evidence of Mastering Competency
	Criteria #1: Recorded answer to Drives question 1 (16 points)	
	Criteria #2: Recorded answer to Drives question 2 (16 points)	
	Criteria #3: Recorded answer to Scheduling question 1 (16 points)	
	Criteria #4: Criteria #3: Recorded answer to Scheduling question 2 (20 points)	
	Criteria #5: Recorded answer to Applications question 1 (16 points)	
	Criteria #6: Recorded answer to Applications question 2 (16 points)	