Unit 3 Performance Assessment

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.

Process

1 As defined in Best Practices, how does one determine that a Service once installed is actually running on the system? Provide an example of the command and a screen shot of that confirmation for the FTP Service you installed.

2 The services command was one way to determine the state of a Service. What other commands can be utilized to determine the ports status? Provide a screenshot as an example examining the availability of the DHCP Service you installed.

DHCP

3 Management has asked that a DHCP subnet be added to the existing DHCP server.
   3.a   Subnet: 172.16.45.0
   3.b   Netmask: 255.255.255.0
   3.c   Gateway address: 172.16.45.1
   3.d   Beginning range: 64
   3.e   Ending range: 200

Provide a screenshot of the properly formatted DHCP specification for this LAN segment.

Samba

4 Create a backup copy of your /etc/samba/smb.conf file. Provide a screenshot of the output of the testparm utility for Samba.

Rubric

Checklist/Single Point Mastery

Concerns Working Towards Proficiency	Criteria Standards for This Competency	Accomplished Evidence of Mastering Competency
	Criteria #1: Recorded answer to services question with screenshot (10 points)	
	Criteria #2: Screenshot of FTP service installed (20 points)	
	Criteria #3: Recorded answer to port status question (10 points)	
	Criteria #4: Screenshot of DHCP service installed (20 points)	
	Criteria #5: Screenshot of properly formatted LAN segment (20 points)	
	Criteria #6: Screenshot of testparm output (20 points)	