

## Lab #1 – Assessment Worksheet

### Assessing and Securing Systems on a Wide Area Network (WAN)

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Course Name and Number: \_\_\_\_\_

Student Name: \_\_\_\_\_

Instructor Name: \_\_\_\_\_

Lab Due Date: \_\_\_\_\_

#### Overview

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In this lab, a systems administrator for the [securelabsondemand.com](http://securelabsondemand.com) network has reported odd behavior on two servers that support legacy applications you first conducted internal penetration tests (also called a vulnerability scan) on each system and then helped secure those systems by configuring firewalls and removing vulnerable open ports.

#### Lab Assessment Questions & Answers

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1. What is the first Nmap command you ran in this lab? Explain the switches used.
2. What are the open ports when scanning 192.168.3.25 and their service names?
3. What is the command line syntax for running an SMB vulnerability scan with Nmap against 10.20.100.50?
4. Explain why SMBv2 DoS (CVE-2009-3103) is bad.
5. What is the operating system of IP address 192.168.40.238?
6. What are the reverse IP addresses for the three remote computers scanned in this lab?

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