

Section 8: Exploitation and Gaining Access

Name:

Choose screenshots for each lab that best illustrates your completion of the lab. Submit by clicking the box and locating the screenshot. Use a black-on-white color scheme for all Terminal sessions.

Lab 1: Define and explain each of the following terms... (58,59,60)

Information Gathering, Footprinting, or Reconnaissance:

Scanning:

Vulnerability:

Exploit:

Payload:

Social Engineering:

Zero Day:

Shell:

Reverse shell:

Bind shell:

Lab 2: Display the Ruby programming code for a Windows escalation exploit to obtain system level access following a successful attack (61)

Lab 3: Display information about the Metasploit adobe_geticon browser exploit in Windows (62)

Lab 4: Display the required options for the exploit in Lab 3 above (62)

Lab 5: Set the local listening address in the above exploit to the Kali internal IP for the payload (62)

Lab 6: Change the payload to a Meterpreter BIND shell in the above exploit and then display the result (62)

Lab 7: Display the targets for the psexec SMB Windows exploit (62)

Lab 8: Set the required parameters for the psexec exploit above and run the exploit (62)

Lab 9: Run an FTP exploit against Metasploitable2. Then run ifconfig on the target (63)

Lab 10: Show a connection to the BIND port on Metasploitable2 followed by ifconfig (64)

Lab 11: Run a Samba exploit on Metasploitable2 (66)

Lab 12: Conduct brute force attack on Metasploitable2 (67)

If error *Unable to negotiate...no matching host key found*, see www.infosecmatter.com/solution-for-ssh-unable-to-negotiate-errors/

Lab 13: Perform an exploit on Metasploitable2 that has not already been demonstrated (68)

Lab 14: Turn the Windows 7 (x64) firewall off. Then run an nmap SYN scan (69)

Lab 15: Compromise Windows 7 (x64) using the EternalBlue exploit (70)

Lab 16: Install, configure, and run the DoublePulsar exploit on Windows 7 (71)

Lab 17: Try a different Metasploit DoublePulsar attack

Lab 18: Compromise Windows 7 with the BlueKeep exploit (72)

Lab 19: Install and run RouterSploit (74)

^^ *(On Lab 18) I had to change some things to finally get working - used different payload and target setting of 1. Tried all VMware target options but kept getting blue crash on windows vm.