

CNT 6519
Lab - Assignment 1
All Students Must Work and Submit Individually
Linux and Penetration Testing
Total points - 200
Due Date 10/11/15 - 11:59 PM

Tasks for this assignment

- 1) Install a Virtual Box (VB) [10 points]
- 2) Install Kali Linux in the VB [10 points]
- 3) Install Metasploitable 2 in the VB [10 points]

To download metasploitable2

<http://sourceforge.net/projects/metasploitable/files/Metasploitable2/>

- 4) Use the guide given in <https://community.rapid7.com/docs/DOC-1875>

Metasploitable is an intentionally vulnerable Linux virtual machine. This VM can be used to conduct security training, test security tools, and practice common penetration testing techniques. The default login and password is msfadmin:msfadmin. Never expose this VM to an untrusted network (use NAT or Host-only mode if you have any questions what that means).

- 5) Using tools from Kali Linux and the guide mentioned above, perform five exploits on Metasploitable 2. [100 points]
- 6) Save your work in one or more files. Use snipping tools. Form a zip file and upload the zipped file with your submission. [20points]
- 7) Write a report about your installations, the exploits you did and summarize your experience. [50 points]