



Network & Vulnerabilities Scanning

10 Module

Module Objectives:

1. Familiarize yourself with Network Scanning
2. Know what the components of network scanning are
3. Understand how and why network scanning can be used by hackers and businesses
4. Learn about network/host scanning, port scanning, and vulnerability scanning
5. Put yourself through a network scanning
6. Exploit system vulnerabilities

Module Lesson

Component	Title	Purpose
1. Slideshow (10 minutes)	Network & Vulnerability Scanning	Learn how hackers can potentially attack a network
2. Activity 1 (30 minutes)	Network Scanning Tools	Experiment with common scanning tools



3. [Activity 2](#)
(20 minutes)

Exploiting
Vulnerabilities

Red Team Tools

Note: All activities designed for this module are hands-on. The speed at which the activities can be completed will vary. Each module should approximately take one club or class time to complete.

Additional Resources:

- [Nmap: the Network Mapper - Free Security Scanner](#)
- [Networks SCAN | Types of Network Scans| Types of Network Scan |Network Scan...](#)
- Google!
- [VMware Glossary](#)