



ADVANCED NETWORK TRAFFIC ANALYSIS

COURSE DESCRIPTION

After mastering the basics of the Network Traffic Analysis course you're ready to proceed deeper and gain the title of Advanced Network Analyst by completing our Advanced Network Traffic Analysis course. In this course you will go above and beyond normal LAN based operations and broaden your analyst skills into global networking and large based WAN operations. Protocols used by global routers will be discussed including Frame Relay, BGP, VOIP, VPN, etc.

THE STUDENT WILL LEARN:

After a brief review of the common networking protocols used in the networking world today we'll move on to more advanced analysis skills like:

- + Mapping Network Structures through Passive Analysis
 - Identifying Firewalls
 - Identifying Routers
 - Identifying DNS Servers
 - Identifying Web Servers
 - Identifying DB's
 - Identifying DMZ's
- + Using open source tools for information gathering
 - IANA
 - Whois
 - Ping
 - O/S Identification
- + Network Taps / Sensor Fundamentals
- + Advanced analysis tools and techniques
- + Administration and configuration of enterprise networking equipment including Cisco routers (IOS) and switches including actual hardware exercises
- + Identification of infrastructure vulnerabilities from the internet
- + Penetration Test planning and weak point identification

PREREQUISITES:

- + Completion of Network Traffic Analysis course (required)
- + A strong understanding of network hierarchies and protocols is encouraged

COURSE INFORMATION:

5 days, MF, 40 hours. A certificate of completion will be given at the end of the course. Each student will be provided with a preconfigured laptop with all course training software.