



# Network Penetration Testing Expert

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This course is mapped to Network Penetration Testing Expert (NPTE) Certification Exam (NPTE) from US-Council.

Training can be taken from anywhere in the world through our Authorized Training Partners or through Online Training offering at the link below:

<http://us-council.com/training.php>

The course is specifically designed for security professionals who want to become experts in network penetration testing. This course teaches the tools and techniques to test a network's defense mechanisms and uncover any loopholes before they are breached by hackers. It covers penetration testing of routers, switches, firewalls, IDS/IPS as well as hosts and servers running on Windows and Linux.

**INTRODUCTION TO PENETRATION**

**TESTING**

**INFORMATION GATHERING**

- OSINT
- DNS
- SNMP

**PENTESTING NETWORK DEVICES**

- Routers
- Switches
- Firewalls
- Intrusion Detection System
- Intrusion Prevention System
- Wireless Access points
- IP Camera

**PENTESTING WINDOWS NETWORKS**

**PENTESTING LINUX NETWORKS**

**PENTESTING MOBILE APPLICATION**

**ATTACKING VIA THE DMZ**

- Web Servers
- Email servers
- Application Server

**POST EXPLOITATION TECHNIQUES**

**PRIVILEGE ESCALATION**

- Windows
- Linux

**KEEPING ACCESS**

- Backdoors
- Rootkits

**SCENARIO BASED PENTESTING**

**SOCIAL ENGINEERING ATTACKS**

**ANTIVIRUS EVASION TECHNIQUES**

**FIREWALL AND IDS EVASION**