CONDITION ZEBRA™

RUN & GUN:
NETWORK PENETRATION TESTING

Our aim is to train Information Technology (IT) professionals with the **right skills and knowledge** to learn the process of **network penetration testing**, **network vulnerability assessments** and ways to protect against incoming threats in the manner of virtual hands-on training.

Virtual Live Training

You will learn and improve your **Network Penetration Testing** skills via Online Training using **Microsoft Teams Meeting**.

Hands-on Training

We will provide all the **necessary tools to download for free** and give you details to prepare one day before the training starts. There is no hidden or additional cost involved.

Right Methodology

Learn our **8-step Network Penetration Testing** methodology refined by experts with years of experience conducting Network Penetration Testing projects for thousands of clients.

Top Rated Trainer

80% practical hands-on training with a focus on skill development from a top-rated IT security trainer.

100% Fully Claimable

Training is **fully claimable** under HRD Corp. (Human Resource Development Corporation).

Certificate of Attendance

Get an **e-certificate** of attendance from leading Cybersecurity training provider.

Run & Gun: Network Penetration Testing is one day of live virtual training with an emphasis on 80% practical hands-on training that focuses on developing network penetration testing skills.

In this training, we shall learn the process of network penetration testing, network vulnerability assessments and ways to protect against incoming threats in the manner of virtual hands-on training.

It's recommended that participants have prior experience setting up, managing, or securing an organization's network.

COURSE OUTLINE

Module 1: Network Security - Overview
1.1 Policies, Standards, Procedures, Baselines, Guidelines
1.2 Security Models

Module 2: Network Protocols and Analysis
2.1 Internet Protocol (IP)
2.2 IP Addressing
2.3 Transmission Control Protocol (TCP)
2.4 Internet Control Message Protocol (ICMP)
2.5 Internet Group Management Protocol (IGMP)
2.6 Address Resolution Protocol (ARP)
2.7 Dynamic Host Configuration Protocol (DHCP)
2.8 User Datagram Protocol (UDP)
2.9 Domain Name Service (DNS)
2.10 Lightweight Directory Access Protocol (LDAP)
2.11 Telnet
2.12 File Transfer Protocol (FTP)
2.13 Trivial File Transfer Protocol (TFTP)
2.14 Simple Mail Transfer Protocol (SMTP)
2.15 Post Office Protocol (POP)
2.16 Internet Message Access Protocol (IMAP)
2.17 Simple Network Management Protocol (SNMP)
2.18 Voice over IP (VoIP)
2.19 Session Initiation Protocol (SIP)
2.20 Hyper Text Transfer Protocol (HTTP)
2.21 HTTPS

Module 3: Network Security Threats
3.1 Spam
3.2 Malware
3.3 Worm
3.4 Trojan
3.5 Drive-by download
3.6 Spyware
3.7 Keystroke logging
3.8 Adware
3.9 BOT
3.10 Social engineering
3.11 Phishing
3.12 Tabnabbing
3.13 Email spoofing
3.14 Password cracking
3.15 Denial-of-Service attack
3.16 Buffer Overflow
3.17 Network scanning
3.18 Information gathering
3.19 Port Scanning
3.20 Vulnerability Scanning

Module 4: Network Vulnerability Assessment
4.1 Scan Types
4.2 Introduction to Vulnerability Assessment
4.3 Introduction to Metasploit

Module 5: Module 5: Password Cracking
5.1 Introduction
5.2 Types of password cracking techniques
5.3 Password cracking with Hydra/ Ncrack
5.4 Generating custom password dictionaries

TRAINING DETAILS

Time: 9am to 5pm
Duration: 1 day
Platform: Microsoft Teams Meeting

Who Should Attend

- Network Administrator
- System Administrator
- IT Executive
- Information Technology Professionals
- Information Security Professionals
- Computer Network Professionals
- Other Business or IT Professionals who are responsible
  for Network Security and Data Protection.

BENEFITS

- Trained by **award-winning Cybersecurity training provider** with top rated IT security specialist.
- **80% practical hands-on training** with focus on skill development to successfully learn how to conduct Network Penetration Testing.
- Get an **e-certificate of attendance** from leading Cybersecurity training provider.
- Training is **100% fully claimable** under HRD Corp. (Human Resource Development Corporation).
- Materials and **technical support provided** - Training guide, supporting materials and training access link.

CREST PEN TEST

CERTIFIED ISO 27001:2013 COMPANY

HRD CORP CLAIMABLE

REGISTERED HRD CORP TRAINING PROVIDER

CONDITION ZEBRA™

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