



## NETWORK SECURITY AND PENETRATION TESTING

Our aim is to train Information Security Professionals, IT Professionals, or anyone interested in becoming a **Certified Network Security Specialist (CNSS)**. In this 4-day intensive training, you will learn hands-on skills about how to perform network penetration testing.

Hands-on Session	Real-world Scenario Lab	Mastering Network Security
You will learn and improve your technical skills to <b>test and secure network</b> .	You will practise and sharpen your skills by applying it in <b>real-world scenarios set</b> in security lab.	You will be able to master <b>advanced techniques</b> to secure and conduct <b>security assessment on network</b> .
Top Rated Trainer	Exam	100% Fully Claimable
<b>80% practical hands-on training</b> with a focus on skill development from a top-rated Network Security trainer.	Sit for an exam at <b>Condition Zebra's Test Center</b> .	Training is <b>fully claimable</b> under HRD Corp. (Human Resource Development Corporation).



This comprehensive training covers how to perform **vulnerability assessments, identify weaknesses, and fix vulnerabilities** in your network environment. You will learn various network hacking techniques as well as penetration testing methodologies to help you identify **network security vulnerabilities**.

This network security course fully arms you to address the information security concerns within the organization for data protection. You will gain in-depth understanding on the **network hacking tools usage** and how to conduct the network penetration testing in a careful, and professional manner.

## What makes this training so different?

**We assess your network  
to find vulnerabilities**



**Train you to fix**



**Secure your network.**



### Pre-training

#### Security Assessment with Analysis Report

No other training providers did this before and we are the first! Prior to the training, our security engineers will conduct a network security assessment and provide a security analysis report on your network.

#### Understanding Your Network

You will get a clear understanding on the hidden risks and security of your network.

### Actual training

#### Hands-on Session

You will learn and improve your technical skills to test and secure network.

#### Solution-Driven

You will have the opportunity to focus and get professional consultation from trainer based on the challenges you face in the security analysis report on your network.

#### Real-world Scenario Lab

You will practise and sharpen your skills by applying it in real-world scenarios set in security lab.

### Post-training

#### Skills Application

You will be able to understand and fix the vulnerabilities of your network listed in the security analysis report.

#### Mastering Network Security

You will be able to master advanced techniques to secure and conduct security assessment on network.

## LEARNING OUTCOMES

- Enable you to understand and communicate the network security risks associated with hacking and other exploits.
- Discover real-world network hacking techniques and countermeasures
- Sharpen up your technical skills and learn to fix the network vulnerabilities
- Learn to perform a network penetration testing on own deployment and evaluate network security threats and possible exploits
- Enable you to develop and design a network
- Enable you to tackle real-life scenarios and apply new skills to the job with ease

## COURSE OUTLINE

**Module 1:** Overview of Network Security

**Module 2:** Network Protocol & Analysis

**Module 3:** Network Security Threats

**Module 4:** Network Vulnerability Assessment

**Module 5:** Intrusion Detection System (IDS) and Intrusion Prevention System (IPS)

**Module 6:** Firewalls

**Module 7:** Hardening Operating Systems and Patch Management

**Module 8:** Hardening Physical Security

**Module 9:** Application Security

**Module 10:** Email Security

**Module 11:** Authentication: Encryption, Cryptography and Digital Signatures

**Module 12:** Virtual Private Network

**Module 13:** Log Analysis

**Module 14:** Wireless Network Security

**Module 15:** Incident Response



**Time:** 9am to 5pm

**Duration:** 4 days

**Venue:** Phileo Damansara 1

- ✓ **Exam**
- ✓ **Certificate of Attendance**
- ✓ **Certificate of Achievement**

### Who Should Attend

- System Engineer
- Network Administrator
- Firewall Administrator
- Penetration Tester
- IT Manager
- Information Technology Professionals
- Information Security Professionals
- Anyone who is interested in network security and penetration testing.

- ✓ Trained by **award-winning Cybersecurity training provider** with experienced Network Security expert.
- ✓ Learn and improve technical skills to **test and secure network**.
- ✓ Practice and sharpen your skills in **security lab** that is applicable to **real-world scenarios**.
- ✓ Get a clear understanding of the security and the **hidden risks** of your network.



[www.condition-zebra.com](http://www.condition-zebra.com)

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