

[CND]: Certified Network Defender

Length : 5 Days
Delivery Method : Instructor-led (Classroom)

Course Overview

Certified Network Defender (CND) is a vendor-neutral, hands-on, instructor-led comprehensive network security certification training program. It is a skills-based, lab intensive program based on a job-task analysis and cybersecurity education framework presented by the National Initiative of Cybersecurity Education (NICE). The course has also been mapped to global job roles and responsibilities and the Department of Defense (DoD) job roles for system/network administrators. The course is designed and developed after extensive market research and surveys.

The program prepares network administrators on network security technologies and operations to attain Defense-in-Depth network security preparedness. It covers the protect, detect and respond approach to network security. The course contains hands-on labs, based on major network security tools and techniques which will provide network administrators real world expertise on current network security technologies and operations. The study-kit provides you with over 10 GB of network security best practices, assessments and protection tools. The kit also contains templates for various network policies and a large number of white papers for additional learning.

Certified Network Defender CND v2 provides a comprehensive approach to effectively deal with security issues in today's modern network, which includes:

- Maps to NICE 2.0 Framework
- Modern Network Security Technologies and Techniques
- Hands-on Approach to Learning
- Enhanced Threat Prediction Focus
- Covers the Latest Tools

Audience Profile

CNDv2 is for those who work in the network administration/cybersecurity domain in the capacity of Network Administrator/Engineer, Network Security Administrator/ Engineer/ Analyst, Cybersecurity Engineer, Security Analyst, Network Defense Technician, Security Operator. CNDv2 is for all cybersecurity operations roles and anyone who looking to want to build their career in cybersecurity.

AVANTUS TRAINING PTE LTD

80 Jurong East Street 21 #04-04 Devan Nair Institute Singapore 068897
Main Line: +65 6661 0888 | Fax: +65 6661 0886
Email: enquiries@AvantusTraining.com
www.AvantusTraining.com

Course Outline

Module 01: Network Attacks and Defense Strategies

Module 02: Administrative Network Security

Module 03: Technical Network Security

Module 04: Network Perimeter Security

Module 05: Endpoint Security-Windows Systems

Module 06: Endpoint Security-Linux Systems

Module 07: Endpoint Security- Mobile Devices

Module 08: Endpoint Security-IoT Devices

Module 09: Administrative Application Security

Module 10: Data Security

Module 11: Enterprise Virtual Network Security

Module 12: Enterprise Cloud Network Security

Module 13: Enterprise Wireless Network Security

Module 14: Network Traffic Monitoring and Analysis

Module 15: Network Logs Monitoring and Analysis

Module 16: Incident Response and Forensic Investigation

Module 17: Business Continuity and Disaster Recovery

Module 18: Risk Anticipation with Risk Management

Module 19: Threat Assessment with Attack Surface Analysis

Module 20: Threat Prediction with Cyber Threat Intelligence

AVANTUS TRAINING PTE LTD

80 Jurong East Street 21 #04-04 Devan Nair Institute Singapore 068897

Main Line: +65 6661 0888 | Fax: +65 6661 0886

Email: enquiries@AvantusTraining.com

www.AvantusTraining.com