Certified Network Defender Certification V2 (CND)

Duration 5 Days

COURSE DESCRIPTION

The Certified Network Defender v2 program has been upgraded and loaded with battle-ready ammunition to help Blue Teams defend and win the war against network breaches. Individuals and corporations looking to strengthen their Network Defense Skills will find CND v2 a must-have for 5 reasons:

- Only comprehensive network defense program built to incorporate critical secure network skills - Protect, Detect, Respond and Predict
- Maps to NICE 2.0 Framework
- Comes packed with the latest tools, technologies, and techniques
- Deploys a hands-on approach to learning
- Designed with an enhanced focus on Threat Prediction, Business Continuity and Disaster Recovery

CND v2 is based on the cybersecurity education framework and work role task analysis presented by the National Infocomm Competency Framework (NICF). The program is also mapped to the Department of Defense (DoD) roles for system/network administrators as well as global work roles and responsibilities laid out by the revised NICE Framework 2.0

COURSE OBJECTIVES

What will you learn:

- Understanding network security management
- Establishing network security policies and procedures
- Windows and Linux security administration
- Setting up mobile and IoT device security
- Implementing data security techniques on networks
- Embedding virtualization technology security
- Determining cloud and wireless security
- Deploying and using risk assessment tools
- Learn basics of first response and forensics
- Understanding indicators of Compromise, Attack, and Exposures (IoC, IoA, IoE)
- Building threat intelligence capabilities
- Establishing and monitoring log management
- Implementing endpoint security
- Configuring optimum firewall solutions
- Understanding and using IDS/IPS technologies
- Establishing Network Authentication, Authorization, Accounting (AAA)

COURSE OUTLINE

- Module 1: Network Attacks and Defense Strategies

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Call us today 0-2634-7993-4
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- Module 2: Administrative Network Security
- Module 3: Technical Network Security
- Module 4: Network Perimeter Security
- Module 5: Endpoint Security-Windows Systems
- Module 6: Endpoint Security-Linux Systems
- Module 7: Endpoint Security- Mobile Devices
- Module 8: Endpoint Security-IoT Devices
- Module 9: 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

ABOUT THE EXAM

The purpose of the CND credential is to: Validate the skills that will help the Network Administrators foster resiliency and continuity of operations during attacks.

- Number of Questions: 100
- Test Duration: 4 Hours
- Test Format: Multiple Choice
- Test Delivery: ECC EXAM

PREREQUISITES

You should be well-versed in cyber security fundamentals.

WHO SHOULD ATTEND

- Network Administrator/Engineer
- Network Security Administrator / Engineer
- Data Analyst
- Cybersecurity Engineer
- Security Analyst
- Network Defense Technician
- Security Operator

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