



Training Program



Certified Network Defender (CND)

Certified Network Defender (CND) is a vendor-neutral, hands-on, instructor-led comprehensive network security certification training program.

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.

WHO SHOULD ATTEND?

- Network administrator
- Network security professional
- Security professional or auditor
- Site administrator
- Any individual working towards the enterprise and network infrastructure security

PREREQUISITES

Basic idea of networking and its components

Duration
4 Days

Certification
Certified Network Defender CND

Contact Us
(571) 577-7890
(703) 554-3827
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Learning Objectives

- 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 Investigations
- 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



EXCELLENCE
THROUGH
EDUCATION

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Course Schedule



SESSION 1:

- Computer Network and Defense Fundamentals
- Network Security Threats, Vulnerabilities, and Attacks
- Network Security Controls, Protocols, and Devices
- Network Security Policy Design and Implementation

SESSION 2:

- Physical Security
- Host Security
- Secure Firewall Configuration and Management
- Secure IDS Configuration and Management

SESSION 3:

- Secure VPN Configuration and Management
- Wireless Network Defense
- Network Traffic Monitoring and Analysis
- Network Risk and Vulnerability Management

SESSION 4:

- Data Backup and Recovery
- Network Incident Response and Management
- Review Assessment

COURSE FEATURES

- Live, Instructor-led training in modern classrooms
- Thorough review of the CND by industry experts
- Hands-on labs with computer hardware and software
- 100% latest material & and realistic practice questions
- Confidence building hands-on training
- Authorized Pearson VUE testing at the same location to help you complete your exam*
- Study material, notes, videos and practice questions included in course price

Sign Up Today!



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State Council of
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