5 Days | CND- Certified Network Defender

The Certified Network Defender (CND) Training has been designed for network administrators who are planning to protect, detect, and respond to the network attacks.

The CND training is one of the most comprehensive network defense course in the world that provides essential hands-on lab, instructor-led classrooms that equips an individual on major network security tools and techniques that provides real-world expertise on current network security technologies and operations.

This training is a skills-based, lab intensive program that is based on a job-task analysis and cybersecurity educational framework presented by the National Initiative of Cybersecurity Education (NICE).

This course will prepare network administrators on network security technologies and operations to attain Defense-in-Depth network security preparedness. The study-kit provides you with over 10 GB of network security best practices, assessments and protection tools

Course Details

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Course Outline

Module 1: Computer Network and Defense Fundamentals
Module 2: Network Security Threats, Vulnerabilities, and Attacks
Module 3: Network Security Controls, Protocols, and Devices
Module 4: Network Security Policy Design and Implementation
Module 5: Physical Security
Module 6: Host Security
Module 7: Secure Firewall Configuration and Management
Module 8: Secure IDS Configuration and Management
Module 9: Secure VPN Configuration and Management
Module 10: Wireless Network Defense
Module 11: Network Traffic Monitoring and Analysis
Module 12: Network Risk and Vulnerability Management
Module 13: Data Backup and Recovery
Module 14: Network Incident Response and Management

Who Should Attend

- Network Administrators
- Network Security Administrators
- Network Security Engineer
- Network Defense Technicians
- CND Analyst

- Security Analyst
- Security Operator
- Anyone who involves in network operations

Date - Jun 13, 2025