# EC-Council Certified Network Defender (C|ND) + Exam voucher

**Duration: 5 Days      Course Code: CND      Version: 2.0      Delivery Method: Class Connect**

## Overview:

**Learn about hackers and cyber defense strategies required in today's critical infrastructure.**
EC-Council has reviewed the entire CND space as designated by the Department of Defense as IAT I, II, III and IAM I, II, III as well as the NICE Framework KSA's as they relate to cyber defense and day-to-day cyber operations. With each of these considered, they built their exam blueprint, overall training scope, and got to work building the next certification we believe will be a game changer for cyber security professionals – Certified Network Defender.
The class is a professional level introduction to the cyber defense strategies needed in today's critical infrastructure.
**This course includes one exam voucher for the CND - Certified Network Defender exam (312-38).**

Class-Connect™ HD

This is live hands-on interactive learning where you can attend a course from different training centres. This premium experience uses HD quality audio and video that connects the classrooms over a high capacity managed network to ensure a 'real time' experience. The instructor will be presenting from one location and students attending from other centres are able to interact with the instructor and other delegates using video and voice conferencing.

## Target Audience:

Certified Network Defender v2 is recommended for individuals who have fundamental knowledge of networking concepts. It will also help individuals from the below mentioned job roles progress further in their career: Network AdministratorsIT AdministratorsNetwork EngineersData AnalystsNetwork Technicians

## Objectives:

- The end goal of Certified Network Defender (CND v2) is to help Blue Teams defend and win the war against network breaches in a post-pandemic world. The program is the ideal cyber defense course for organizations and individuals for the following reasons:

- Based on Common Job Role frameworks recognized by organizations around the world.

- ANSI/ISO/IEC 17024 accredited Certification Program.

- Mapped to the NICE 2.0 framework.

- Focuses on latest technologies including Cloud, IoT, Virtualization and Remote Worker Threats, Attack Surface Analysis, Threat Intelligence, Software Defined Networks (SDN), and Network Function Virtualization (NFV), as well as docker, Kubernetes, and container security.

- Covers the latest tools, techniques, and methodologies used by top cybersecurity experts around the world.

- That's why investing in the CND v2 training and certification is a wise move for employers looking to set up impregnable cyber defense practices.

- What you'll learn:

- Network security management

- Network security policies and procedures

- Data security techniques

- Virtualization technology security

- Cloud and wireless security

- Risk assessment tools

- Basics of first response and forensics

- Indicators of Compromise, Attack, and Exposures (IoC, IoA, IoE)

- Threat intelligence capabilities

- Log management

- Endpoint security

- Firewall solutions

- IDS/IPS technologies

- Network Authentication, Authorization, Accounting (AAA)

- Windows and Linux security administration

- Mobile and IoT device security

## Testing and Certification

**Number of Questions:** 100
**Test Duration:** 4 hours
**Test Format:** Multiple Choice

EC-Council Certified Network Defender exams use multiple question banks in order to maintain the high integrity of our certification examinations. Each form is carefully analyzed through beta testing with an appropriate sample group under the guide of a committee of subject matter experts. This approach ensures that cyber defense certifications exams offer academic difficulty as well as real-world hacking experience.

We also have a process to determine the difficulty rating of each question. The individual rating contributes to an overall "cut score" for each exam form. To ensure that each form adheres to assessment standards, cut scores are set on a "per exam form" basis. Depending on which exam form is challenged, cut scores can range from 60% to 85%.

**Clause: Age Requirements and Policies Concerning Minors**

The age requirement for attending the training or the exam is restricted to any candidate that is permitted by his/her country of origin/residency.

If the candidate is under the legal age as permitted by his/her country of origin/residency, they are not eligible to attend the official training or eligible to attempt the certification exam unless they provide the accredited training center/EC-Council a written consent/indemnity of their parent/legal guardian and a supporting letter from their institution of higher learning. Only candidates from a nationally accredited institution of higher learning shall be considered.

## Content:

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

M

odule 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

## Further Information:

For More information, or to book your course, please call us on 0800/84.009

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