

## Why CCNP CyberOps Certifications ?

Tests a candidate's knowledge of core cybersecurity operations including cybersecurity fundamentals, techniques, processes, and automation. The course Performing CyberOps Using Cisco Core Security Technologies .

## Audience Profile :

- Cybersecurity engineers and investigators
- Incident managers
- Incident responders
- Network engineers
- SOC analysts currently functioning at entry level with 2+ years of experience

## Prerequisites:

- Understanding Cisco Cybersecurity Operations Fundamentals (CBROPS).
- Implementing and Administering Cisco Solutions (CCNA).
- Basic understanding of scripting using one or more of Python, JavaScript, PHP or similar.



## Course Overview:

- The Performing CyberOps Using Cisco Security Technologies (CBRCOR) v1.0 course covers cybersecurity operations fundamentals, methods, and automation.
- The knowledge you gain in this course will prepare you for the role of Information Security Analyst on a Security Operations Center (SOC) team.
- You will learn foundational concepts and their application in real-world scenarios, and how to leverage playbooks in formulating an Incident Response (IR).
- The course shows you how to use automation for security using cloud platforms and a SecDevOps methodology.
- You will learn the techniques for detecting cyberattacks, analyzing threats, and making appropriate recommendations to improve cybersecurity.
- Expand your knowledge in the following areas:
  - Monitoring for cyberattacks
  - Analyzing high volume of data using automation tools and platforms—both open source and commercial
  - Accurately identifying the nature of attack and formulate a mitigation plan
  - Scenario-based questions; for example, using a screenshot of output from a tool, you may be asked to interpret portions of output and establish conclusions

## In this Learning path

1. CCNP CyberOps Cisco Security Technologies CBRCOR
2. CCNP CyberOps Forensic Analysis & Incident Response CBRFIR

## CCNP CyberOps Cisco Security Technologies CBRCOR Outline:

### Module 1: Fundamentals

- Interpret the components within a playbook
- Determine the tools needed based on a playbook scenario

### Module 2: Techniques

- Describe the use of hardening machine images for deployment
- Describe the process of evaluating the security posture of an asset

### Module 3: Processes

- Prioritize components in a threat model
- Determine the steps to investigate the common types of cases

### Module 4: Automation

- Interpret basic scripts (for example, Python)
- Modify a provided script to automate a security operations task
- Describe components of a CI/CD pipeline
- Apply the principles of DevOps practices

## CCNP CyberOps Forensic Analysis & Incident Response CBRFIR Outline:

### Module 1: Fundamentals

- Analyze the components needed for a root cause analysis report
- Describe antiforensic tactics, techniques, and procedures

### Module 2: Forensics Techniques

- Determine the files needed and their location on the host
- Evaluate output(s) to identify IOC on a host
- Determine the type of code based on a provided snippet

### Module 3: Incident Response Techniques

- Interpret alert logs (such as, IDS/IPS and syslogs)
- Recommend actions based on post-incident analysis

### Module 4: Forensics Processes

- Describe antiforensic techniques (such as, debugging, Geo location, and obfuscation)
- Analyze logs from modern web applications and servers (Apache and NGINX)

### Module 5: Incident Response Processes

- Describe the goals of incident response
- Evaluate elements required in an incident response playbook

### Training Solutions:

✓ Offline Classroom Instructor-Led Training in our labs or onsite Locations.

✓ Virtual Instructor-Led Training Via Virtual Video Conferencing Tools.

### Why Learners Prefer CLS as their Training Services provider ?

■ Premium Training Services Accredited from Global Technology Vendors.

■ Best Rated Experts & Certified Trainers in Egypt.

■ Official Training Hours, Practice Labs, Hands-on Learning.

■ CLS Training Classrooms are designed with High Edge PCs and Training Facilities.

■ Return on Training Investment is Guaranteed to boost performance.

