

Cisco Understanding Cisco Cybersecurity Operations Fundamentals v1.0 (CBROPS)

Category: Security

Duration: 40.00 hours (5 days)

32.5 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

The Understanding Cisco Cybersecurity Operations Fundamentals (CBROPS) v1.0 course teaches you security concepts, common network and application operations and attacks, and the types of data needed to investigate security incidents. This course teaches you how to monitor alerts and breaches, and how to understand and follow established procedures for response to alerts converted to incidents. Through a combination of lecture, hands-on labs, and self-study, you will learn the essential skills, concepts, and technologies to be a contributing member of a cybersecurity operations center (SOC) including understanding the IT infrastructure, operations, and vulnerabilities. This course helps you prepare for the Cisco Certified CyberOps Associate certification and the role of a Junior or Entry-level cybersecurity operations analyst in a SOC.

About This Course

The Understanding Cisco Cybersecurity Operations Fundamentals (CBROPS) v1.0 course teaches you security concepts, common network and application operations and attacks, and the types of data needed to investigate security incidents. This course teaches you how to monitor alerts and breaches, and how to understand and follow established procedures for response to alerts converted to incidents. Through a combination of lecture, hands-on labs, and self-study, you will learn the essential skills, concepts, and technologies to be a contributing member of a cybersecurity operations center (SOC) including understanding the IT infrastructure, operations, and vulnerabilities. This course helps you prepare for the Cisco Certified CyberOps Associate certification and the role of a Junior or Entry-level cybersecurity operations analyst in a SOC.

Who Should Attend

This course is designed for individuals seeking a role as an associate-level cybersecurity analyst and IT professionals desiring knowledge in Cybersecurity operations or those in pursuit of the Cisco Certified CyberOps Associate certification including

Students pursuing a technical degree

Current IT professionals

Recent college graduates with a technical degree

Learning Outcomes

Upon successful completion of this course, participants will be able to:

After taking this course, you should be able to

Explain how a Security Operations Center (SOC) operates and describe the different types of services that are performed from a Tier 1 SOC analyst's perspective.

Explain Network Security Monitoring (NSM) tools that are available to the network security analyst.

Explain the data that is available to the network security analyst.

Describe the basic concepts and uses of cryptography.

Describe security flaws in the TCP/IP protocol and how they can be used to attack networks and hosts.

Understand common endpoint security technologies.

Understand the kill chain and the diamond models for incident investigations, and the use of exploit kits by threat actors.

Identify resources for hunting cyber threats.

Explain the need for event data normalization and event correlation.

Identify the common attack vectors.

Identify malicious activities.

Identify patterns of suspicious behaviors.

Conduct security incident investigations.

Explain the use of a typical playbook in the SOC.

Explain the use of SOC metrics to measure the effectiveness of the SOC.

Explain the use of a workflow management system and automation to improve the effectiveness of the SOC.

Describe a typical incident response plan and the functions of a typical Computer Security Incident Response Team (CSIRT).

Explain the use of Vocabulary for Event Recording and Incident Sharing (VERIS) to document security incidents in a standard format.

Additional Course Details

Nexus Humans Cisco Understanding Cisco Cybersecurity Operations Fundamentals v1.0 (CBROPS) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Understanding Cisco Cybersecurity Operations Fundamentals v1.0 (CBROPS) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Cisco Understanding Cisco Cybersecurity Operations Fundamentals v1.0 (CBROPS)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
 - Traditional Instructor-Led Classroom Training (ILT)
 - On-site delivery at your offices anywhere in United Kingdom
 - Private dedicated courses customized for your team
-

Q: How many CPD hours does this course provide?

The 5-day Cisco Understanding Cisco Cybersecurity Operations Fundamentals v1.0 (CBROPS) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Cisco Understanding Cisco Cybersecurity Operations Fundamentals v1.0 (CBROPS) training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Cisco Understanding Cisco Cybersecurity Operations Fundamentals v1.0 (CBROPS)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Understanding Cisco Cybersecurity Operations Fundamentals v1.0 (CBROPS). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Cisco Understanding Cisco Cybersecurity Operations Fundamentals v1.0 (CBROPS)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPALS** when booking your Cisco Understanding Cisco Cybersecurity Operations Fundamentals v1.0 (CBROPS) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

✉ Email: info@nexushuman.com

🌐 Website: www.nexushuman.com

☎ Phone: +353 1 XXX XXXX (Ireland) | +44 20 XXXX XXXX (UK)