Performing CyberOps Using Cisco Security Technologies (CBRCOR)

ID CBRCOR **Price** CHF 4,200.—(excl. VAT) **Duration** 5 days

Who should attend

Although there are no mandatory prerequisites, the course is particularly suited for the following audiences:

- Cybersecurity engineer
- Cybersecurity investigator
- Incident manager
- Incident responder
- Network engineer
- SOC analysts currently functioning at entry level with a minimum of 1 year of experience

This course is part of the following Certifications

Cisco Certified Cybersecurity Professional (CCNP CYBERSECURITY)

Prerequisites

Although there are no mandatory prerequisites, to fully benefit from this course, you should have the following knowledge:

- Familiarity with UNIX/Linux shells (bash, csh) and shell commands
- Familiarity with the Splunk search and navigation functions
- Basic understanding of scripting using one or more of Python, JavaScript, PHP or similar.

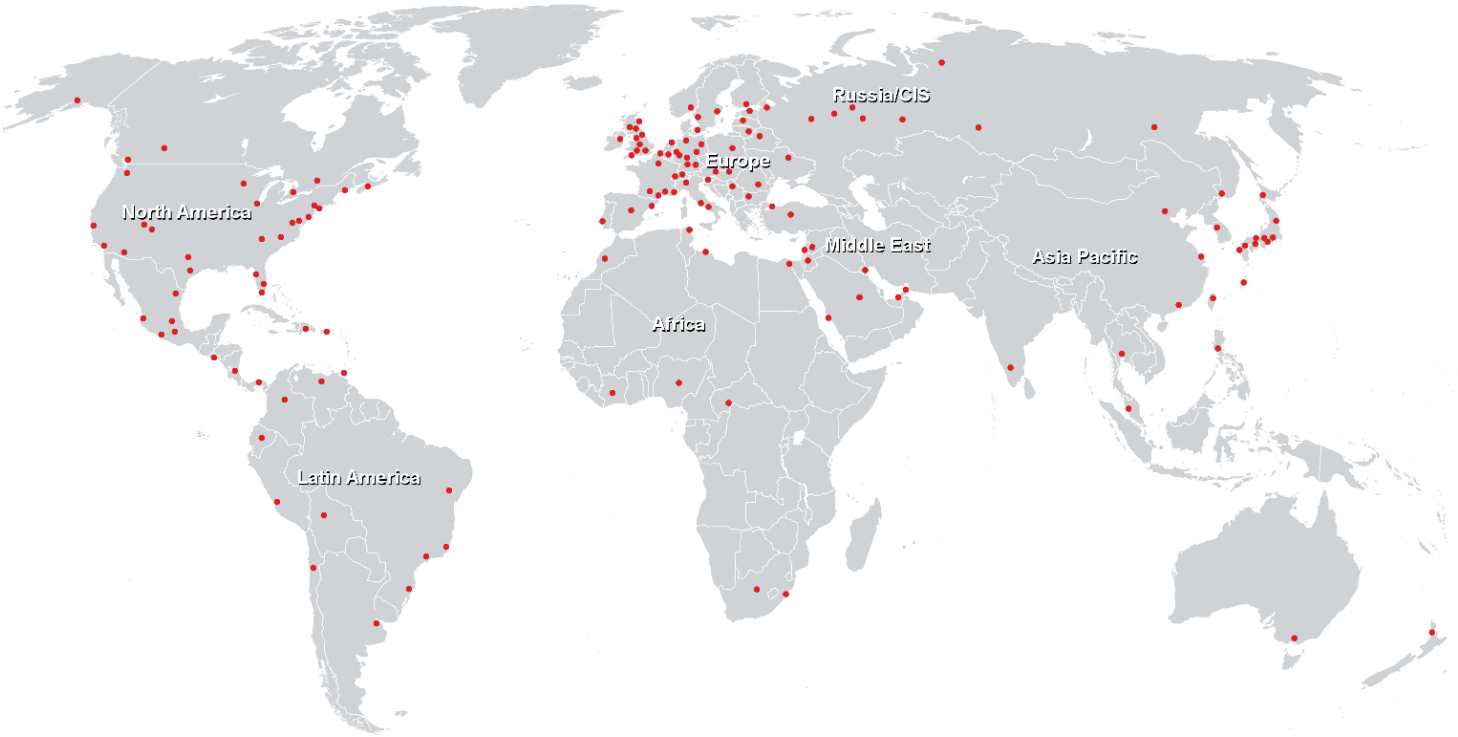
Recommended Cisco offering that may help you prepare for this course:

- Implementing and Administering Cisco Solutions (CCNA)
- Understanding Cisco Cybersecurity Operations Fundamentals (CCNACBR)

Course Objectives

- Describe the types of service coverage within a SOC and operational responsibilities associated with each
- Compare security operations considerations of cloud platforms
- Describe the general methodologies of SOC platforms development, management, and automation
- Describe asset segmentation, segregation, network segmentation, microsegmentation, and approaches to each, as part of asset controls and protections
- Describe Zero Trust and associated approaches, as part of asset controls and protections
- Perform incident investigations using Security Information and Event Management (SIEM) and/or security orchestration and automation (SOAR) in the SOC
- Use different types of core security technology platforms for security monitoring, investigation, and response
- Describe the DevOps and SecDevOps processes
- Describe the common data formats (e.g., JavaScript Object Notation (JSON), HTML, XML, and Comma-Separated Values (CSV))
- Describe API authentication mechanisms
- Analyze the approach and strategies of threat detection, during monitoring, investigation, and response
- Determine known Indicators of Compromise (IOCs) and Indicators of Attack (IOAs)
- Interpret the sequence of events during an attack based on analysis of traffic patterns
- Describe the different security tools and their limitations for network analysis (e.g., packet capture tools, traffic analysis tools, and network log analysis tools)
- Analyze anomalous user and entity behavior (UEBA)
- Perform proactive threat hunting following best practices

Training Centres worldwide





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