



Security Command Center Enterprise Essentials

Course description

Learn how to leverage Google Cloud Security Command Center (SCC) Enterprise to prevent, detect, investigate, and respond to security threats across cloud environments. Explore vulnerability management, posture assessment, threat detection, risk analysis, and multi-cloud security capabilities through practical demonstrations and real-world security scenarios.

Participants will learn how to leverage SCC Enterprise's vulnerability management capabilities, risk assessment features, posture management controls, threat detection mechanisms, and integrated investigation workflows. Through demonstrations and practical examples, learners will gain hands-on exposure to identifying, investigating, and remediating security risks within their cloud infrastructure.

- Course level: Intermediate
- Duration: 1 day

Activities

This course includes instructor-led training, product demonstrations, vulnerability analysis walkthroughs, threat investigation exercises, security operations discussions, scenario-based learning, multi-cloud security reviews, and interactive knowledge sharing sessions to reinforce learning.

Course objectives

In this course, you will learn to:

- Understand the core concepts and capabilities of SCC Enterprise.
- Explain the benefits of a Cloud-Native Application Protection Platform (CNAPP).
- Explore SCC Enterprise vulnerability management features.
- Assess security posture across cloud environments.
- Perform cloud risk assessments and prioritization.
- Detect and investigate cloud security threats.
- Analyze security findings and vulnerabilities.
- Improve multi-cloud security visibility and governance.
- Leverage SCC Enterprise to strengthen cloud security operations.

Intended audience

This course is intended for:

- Security Engineers
- Security Analysts
- Cloud Security Engineers
- Security Architects
- SOC Analysts
- Cloud Administrators
- Risk and Compliance Professionals
- Security Operations Teams

Prerequisites

We recommend that attendees of this course have:

- Baseline experience with cloud infrastructure.
- Understanding of cloud security fundamentals.
- Familiarity with the Google Cloud Console.
- Basic knowledge of security operations concepts is beneficial.

Products covered

- Security Command Center Enterprise
- Security Command Center Premium
- Google Cloud Security Services
- Cloud-Native Application Protection Platform (CNAPP) Features

Course outline

Module 01 - Introduction to Security Command Center Enterprise

- Security Command Center Enterprise Overview
- Core SCC Enterprise Functionality
- Additional Enterprise Features
- Multi-Cloud Security Concepts
- Security Command Center Options

Module 02 - SCC Enterprise Vulnerability Management Features

- Vulnerability Management Fundamentals
- Risk Assessment Features
- Security Posture Management
- Multi-Cloud Risk Management
- Vulnerability Analysis Workflows

Module 03 - SCC Enterprise Threat Detection Features

- Fundamentals of Threat Detection
- Threat Investigation Workflows
- Security Findings Analysis
- Incident Detection and Response
- Working with Threats

Certification details

Participants receive a course completion certificate upon successfully attending the training program.

FAQs

Who should attend this course?

This course is designed for security professionals who need to understand and operate Google Cloud Security Command Center Enterprise.

What is Security Command Center Enterprise?

Security Command Center Enterprise is Google's Cloud-Native Application Protection Platform (CNAPP) that helps organizations prevent, detect, investigate, and respond to security threats across cloud environments.

Is this course hands-on?

The course includes demonstrations, walkthroughs, and practical examples focused on vulnerability management and threat detection workflows.

What security capabilities are covered?

The course covers vulnerability management, risk assessment, posture management, threat detection, investigation workflows, and multi-cloud security management.

Does the course cover multi-cloud security?

Yes. SCC Enterprise capabilities for managing risk and security visibility across multi-cloud environments are included.

Will I learn how to investigate threats?

Yes. Participants learn threat detection fundamentals and walkthroughs for investigating security findings and threats.

How long is the course?

The course is delivered in a 3-hour instructor-led format.

What business benefits can organizations expect?

Organizations can improve security visibility, strengthen vulnerability management, accelerate threat detection, enhance risk prioritization, and improve overall cloud security posture using SCC Enterprise.