

Cloud Web Security Administration Course

Course Duration: 8 Hrs.

Course code: CWSA

Course Overview

The Cloud Web Security Administration course equips IT and security professionals with the skills to configure, manage, and optimize cloud-based web security solutions. It focuses on protecting users, applications, and data from web-based threats by implementing secure access controls, threat intelligence integration, and policy enforcement in cloud environments. Participants will learn how to secure web traffic, monitor activity, and respond to security incidents effectively, ensuring compliance and safe digital operations.

What you'll learn?

- Understand the fundamentals of cloud web security architecture.
- Configure and manage cloud-based secure web gateways (SWG).
- Implement policies for safe browsing and content filtering.
- Monitor, detect, and respond to malicious web activity.
- Integrate cloud web security solutions with SIEM and identity systems.

Target Audience

Security Administrators and Analysts.

- Network and Systems Administrators.
- Cloud Security Engineers.
- IT professionals managing secure internet access.
- Anyone responsible for protecting enterprise web traffic.

Pre-Requisites

Basic knowledge of networking and internet protocols.

- Familiarity with security concepts such as firewalls and access control.
- Understanding of cloud computing fundamentals is recommended.

Course content

Module 1: Introduction to Cloud Web Security

- Overview of web security challenges in cloud environments
- Key components of cloud web security solutions

Module 2: Secure Web Gateway (SWG) Configuration

- Setting up and managing secure web access policies
- URL filtering, malware scanning, and SSL inspection

Module 3: Threat Detection and Incident Response

- Real-time monitoring of web activity
- Responding to detected threats and suspicious behavior

Module 4: Policy Enforcement and User Access Control

- Creating role-based and location-based security rules
- Ensuring compliance with corporate browsing policies

Module 5: Integration and Reporting

- Connecting with SIEM, identity management, and analytics tools
- Generating and analyzing web security reports