

Strata Cloud Manager: Network Security Management and Administration

OEM: Palo Alto • Code: SCM-NSMA

COURSE DESCRIPTION

The Strata Cloud Manager: Network Security Management and Administration course introduces you to the operational deployment of Strata Cloud Manager (SCM) and how it unifies enterprise security into a single, cloud-native platform across hardware, software, and SASE form factors. This course will enable you to deploy, configure, maintain, and troubleshoot enterprise security using Strata Cloud Manager. The course is intended for professionals in cybersecurity, cloud, and network security who want to learn how to streamline security operations, enforce consistent Zero Trust policies, and leverage AIOps.

AUDIENCE PROFILE

- This course is intended for Security Engineers, Security Administrators, Security Operations Specialists, Security Analysts, and Network Engineers.

PREREQUISITES

- Participants should have a basic knowledge of cloud computing and the public cloud and experience with networking concepts, including routing, switching, and IP addressing.
- Strata Cloud Manager digital learning paths
- (Recommended) Firewall Essentials: Configuration and Management or equivalent experience

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Successful completion of this two-day, instructor-led course will help enhance your understanding of how to better protect your applications, networks, and distributed enterprise assets using Strata Cloud Manager.
- In the simulated lab environment, you will get experience configuring, managing, and troubleshooting enterprise security policies, device onboarding, routing, and automated workflows via Strata Cloud Manager.

COURSE OUTLINE

Module 1: SCM Architecture and Platformization

- SCM Architecture and Platformization

Module 2: Identity, Access, and Governance

- Identity, Access, and Governance

Module 3: Estate-Wide Licensing and Activation

- Estate-Wide Licensing and Activation

Module 4: Device Onboarding and High Availability

- Device Onboarding and High Availability

Module 5: The Configuration Hierarchy

- The Configuration Hierarchy

Module 6: Network Infrastructure and Advanced Routing

- Network Infrastructure and Advanced Routing

Module 7: Unified Security Policy and SASE Integration

- Unified Security Policy and SASE Integration

Module 8: Security Policy Architecture and Orchestration

- Security Policy Architecture and Orchestration

Module 9: Strata Logging Service (SLS) and Telemetry

- Strata Logging Service (SLS) and Telemetry

Module 10: Visibility, Insights, and Threat Hunting

- Visibility, Insights, and Threat Hunting

Module 11: Security Posture and AI Agents

- Security Posture and AI Agents

Module 12: Infrastructure as Code (IaC) and Automation

- Infrastructure as Code (IaC) and Automation