DATA SHEET

Skyhigh Secure Web Gateway Cloud Administration - Basic

Course Overview

This two-day course provides a foundational and practical guide to administering the Secure Web Gateway (SWG) within the Skyhigh Security Service Edge (SSE) platform. This course delivers a deep understanding of core SSE principles and architecture, the deployment and configuration of the Cloud Connector for essential integrations like Active Directory and SIEM, management of Skyhigh Client Proxy (SCP) for endpoint traffic redirection, configuring the Web Policy and implementing HTTPS Scanning with proper Certificate Authority (CA) management and utilize built-in reporting and troubleshooting tools.

Audience

This course is intended for system and network administrators, security personnel, auditors, and/or consultants in early implementation phase.

Recommended Pre-Work

- Knowledge of Windows and system administration, network technologies.
- Basic understanding of computer security, command line syntax, malware/anti-malware, virus/anti-virus, and web technologies.

Course Agenda

Day 1

- Welcome
- SSE Principles
- Cloud Connector and Integrations
- Secure Web Gateway Setup
- Web Policy Overview
- HTTPS Scanning
- Web Filtering

Day 2

- Media Type
- Anti Malware
- Common Rules and End User Notifications
- Cloud Administration
- Dashboards and Reporting
- Logging, Backups and Restore
- Troubleshooting

Course Objectives

Welcome
Review the course agenda and support resources. Log in to the virtual lab environment to confirm readiness for hands-on exercises and activities.

Security Service Edge Principles
Identify core Security Service Edge SSE services and traffic redirection methods. Understand the benefits of a direct-to-cloud architecture for modern security.

Cloud Connector and Integrations
Install the on-premises Cloud Connector. Integrate it with Active Directory for user data, and configure it to receive logs via Syslog for analysis.

Secure Web Gateway Setup
Configure global settings for the Skyhigh Client Proxy SCP. Build and deploy a client policy file to manage traffic redirection and bypass lists.

Web Policy Overview
Understand the core components of the Web Policy engine. Learn to build, position, and publish custom rule sets using the central List Catalog.

HTTPS Scanning
Implement HTTPS scanning to inspect encrypted traffic. Configure certificate verification rules and create bypasses for sensitive sites that use certificate pinning.

Web Filtering
Configure global block and bypass rules. Create a web filtering policy that blocks URL categories and inspects the contents of archive files.

Media Type
Configure rules to identify and block file transfers based on media type, including its prerequisites.

Anti-Malware
Implement a multi-layered anti-malware policy. Configure the Gateway Anti-Malware engine and submit suspicious files to the Trellix IVX sandbox for analysis.

Common Rules and End User Notifications
Configure specialized common rules for traffic handling. Customize and apply branded end-user notification pages to inform users when web content is blocked.

Cloud Administration
Understand identity and access management for administrators, including SAML SSO configuration, RBAC, and data jurisdiction policies.

Dashboards and Reporting
Create custom dashboards and generate and schedule reports for all major data sources.

Logging, Backups and Restore
Perform log data export, policy backup and restoration, and outline the process for migrating on-premises web policies to the cloud.

Troubleshooting
Discuss a systematic approach to diagnosing and resolving common issues with the web proxy, policy engine, and Skyhigh Client Proxy.

About Skyhigh Security

When your sensitive data spans the web, cloud applications, and infrastructure, it's time to rethink your approach to security. Imagine an integrated Security Service Edge solution that controls how data is used, shared, and created, no matter the source. Skyhigh Security empowers organizations to share data in the cloud with anyone, anywhere, from any device without worry. Discover Skyhigh Security, the industry-leading, data-aware cloud security platform.

For more information visit us at skyhighsecurity.com

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