Skyhigh

Security

Skyhigh Secure Web Gateway Administration for On Premise Appliances

Course Description Datasheet - Sales

Course Overview

The Skyhigh Secure Web Gateway Administration for On Premise Appliances course from Skyhigh Security provides an in-depth introduction to the tasks crucial to setting up and administering Secure Web Gateway (SWG) effectively. The course combines lectures and practical hands on lab exercises. It provides details instructions on the integration of this product with a customer security environment. This course covers only the on premise appliance version of SWG. SWG on the Skyhigh Security Cloud platform is not covered.

Agenda At A Glance

Day 1

- Welcome
- Solution Overview
- Planning
- Installation
- System Configuration
- Policy Overview
- Rules, Rule Sets, and Lists

Day 2

- GTI and URL Filtering
- Media Type Filtering and Data Loss Prevention
- Malware Scanning
- Authentication and Account Management
- HTTPS Scanning

Day 3

- Quota Management and Coaching
- Web Caching and Block Pages
- Logging
- Dashboards and Monitoring
- Content Reporting System

Day 4

- Advanced Management
- Basic Troubleshooting
- Web Hybrid Solution
- ATD Overview and Integration

Audience

This course is intended for system and network administrators, security personnel, auditors, and/or consultants concerned with web protection.

Recommended Pre-Work

- Knowledge of cloud infrastructure and service connection in order to connect cloud products
- Solid knowledge of computer security, command line syntax, anti-virus and web technologies

Example Course Objectives

Solution Overview
Describe the SWG solution including key features, benefits, and enhancements

Planning
Give examples of best practices for implementing the solution.

Installation
Describe the basic installation workflow for a physical appliance.

System Configuration
Identify initial system configuration settings

Policy Overview
Explain the purpose of rules and rule sets

Rules, Rule Sets, and List Configuration
Configure rules and rule sets

GTI and URL Filtering
Configure a web policy using URL categories, geolocation, and wildcard lists

Media Type Filtering and Data Loss Prevention
Explain the basic Web Gateway features for document inspection and archive handling

Malware Scanning
Configure a rule to apply virus scanning to specific web page content.

Authentication and Account Management
Configure authentication methods and rules.

Example Course Objectives

HTTPS Scanning
Review SSL scanning engine, certificates, and SSL rules.

Quota Management and Coaching
Describe coaching and coaching scenarios based on time and volume.

Web Caching, Next Hop Proxies, Progress Pages, and Block Pages
Overview of various web policy settings

Logging
Identify how to administer the logging functions of an appliance to monitor how it performs filtering and other activities.

Dashboards and Monitoring
Access, navigate, and interpret the Web Gateway dashboard.

Content Security Reporter
Generate and interpret reports using the Content Security Reporter.

Advanced Management
Explain the purpose of the Central Management feature and how it works.
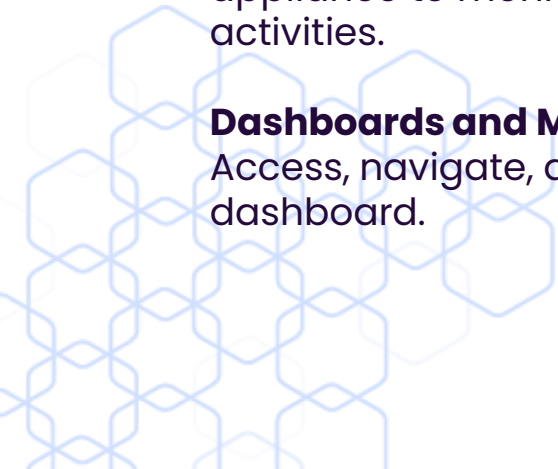
Basic Troubleshooting
Identify and use troubleshooting tools and resources.

Web Hybrid Solution
Configure a Web Hybrid Policy and describe how it can be used for Central Management.

ATD Integration
Recall the Advanced Threat Defense solution and its key features.

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