



# **Skyhigh Secure Web Gateway Administration for On Premise Appliances**

## **Course Description Datasheet**

## 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 3

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

### Day 2

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

### 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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