Web Protection - Cloud SWG Planning, Implementation, and Administration

Duration: 2 Days **Course Code: S000208** **Delivery Method: Virtual Learning**

Overview:

This course covers the planning, installation, configuration, and administration of the Symantec Cloud Secure Web Gateway, including the key elements required for successful deployment and ongoing management.

Updated August 2026

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

The Symantec Web Protection - Cloud SWG Planning, Implementation, and Administration course is intended for IT professionals who will be planning, installing, configuring or administering the Symantec Cloud Secure Web Gateway.

Objectives:

- **After this course participants should be able to:**
- Describe the architecture, components and process flow of Cloud SWG
- Identify installation, configuration and administration of the core features and products of Cloud SWG.
- Identify the key elements for planning a Cloud SWG deployment

Prerequisites:

- Working knowledge of cloud based solutions
- Knowledge of internet traffic protocols
- Basic understanding of principles of authentication

Testing and Certification

- Exam 250-554: Administration of Symantec Web Security Service – R1.2

Follow-on-Courses:

Additional Courses Available

- Web Protection Cloud SWG Diagnostics and Troubleshooting
- Web Protection Edge SWG Planning, Implementation, and Administration

Content:

Module 1: Cloud Delivered Security

- What is Cloud Delivered Security
- What are the Key Considerations for Having Cloud Delivered Security
- What are the Key Features Needed for Cloud Delivered Security

Module 2: Cloud SWG Connection Architecture and Functionality

- Cloud SWG Infrastructure
- Cloud SWG Connection Architecture
- Cloud SWG Features
- Cloud SWG Additional Products

Module 3: Getting Started with Cloud SWG

- Initial Registration
- User Administration
- Licensing
- Data Privacy Settings

Module 4: Enable Remote Users to Securely Access the Internet

- Remote Users and Solutions
- WSS Agent Access Method
- Web and Cloud Access Protection Access Method
- Cloud Connect Defense (CCD) Access

Module 5: Provide Safe and Proper Web Usage Based on User Identity

- Authentication and Cloud SWG
- Auth Connector
- SAML
- Remote Authentication Methods with Auth Connector
- Authentication with WSS Agent and Web and Cloud Access Protection Access Methods

Module 6: Create a more Effective Work Environment for Employee Web Usage

- Configure Content Filtering Rules to Determine Internet Usage
- Setting Global Content Filtering Policy Rules
- Creating Custom Response Pages
- Universal Policy Enforcement

Module 7: Providing Web Protection Against Malware

- Cloud SWG Threat Protection
- Malware Analysis and Cloud SWG
- Threat Protection Policies
- Creating Threat Protection Policy Rules

Module 8: Enable Encrypted Traffic Inspection

- Encrypted Traffic
- SSL Configuration
- Configuring SSL Exceptions
- Topic Title

Module 9: Enable Corporate Users to Securely Access the Internet

- Firewall/VPN (IPsec) Access Method
- FQDN-IKEv2 Firewall Access Method
- TransProxy (Explicit Proxy Over IPsec) Access Method
- Proxy Forwarding Access Method

Module 10: Identify Web Usage and Security Statistics with Reports

- Reports Overview
- Pre-defined Reports
- Simple Reporting
- Custom Reporting
- Forensic Reporting
- Managing and Using Reports

Module 11: Enable Mobile Users to Securely Access the Internet

- About Mobile Device Security
- Authentication for Mobile Users
- SEP-Mobile Solution
- Android Mobile Access Enrollment Process

Module 12: Planning Cloud SWG Deployments

- Assessment of Needs
- Design – Access Methods and Authentication
- Design – Policy, Reporting and Threat Protection
- Design Evaluation

Labs

- Lab Login and Cloud SWG Portal Introduction
- Install and Explore the WSS Agent
- Create a Bypass List
- Create a Custom PAC File for Remote Locations
- Implement Web and Cloud Access ProtectionIntegration
- Install Auth Connector
- Create and Deploy Policies to Limit Social Media Use
- Create a Source Geography based Policy to Ensure Save Internet Usage
- Create a Customized Response Page
- Block Sites Based on Risk Level
- Improved Administration with Cloud SWG Reporting Tools

Additional Information:

Hands-On
This course includes practical hands-on exercises that enable you to test your new skills and begin to use those skills in a working environment

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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