Symantec ProxySG 7.3 Administration with Secure Web Gateway

Course Summary

Description

The ProxySG 7.3 Administration with Secure Web Gateway course is primarily focused on the ProxySG and its role in providing security and web filtering services, but also includes integrations with Management Center, Reporter, Web Isolation, Content Analysis, and Cloud solutions.

Objectives

At the end of this course, students will be able to:

- Describe the major functions of the ProxySG as a secure web gateway.
- Understand how network security and administrative tasks are enhanced by integrating the ProxySG with the other members of the Symantec Secure Web Gateway family.

Topics

- Introduction to the Symantec Secure Web Gateway
- Intercept traffic and apply policy
- Apply security and web usage policy to encrypted traffic
- Provide security and web usage policies based on role or group
- Enforce corporate guidelines for acceptable Internet browsing behavior
- Protect the endpoint from malicious activity
- Centrally manage, monitor, and report on security activity
- Maintaining the ProxySG, Management Center, and Reporter for optimal performance
- Prevent malware and phishing threats while allowing broad web access
- Enhance security by adding virus scanning and sandboxing with Content Analysis
- Expand security capabilities with cloud integrations
- Course review

Audience

The ProxySG 7.3 Administration with Secure Web Gateway course is intended for students who wish to master the fundamentals of Symantec’s ProxySG-based Secure Web Gateway solution. It is designed for students who have not taken any previous Symantec network protection training courses.

Prerequisites

This course assumes that students have a basic understanding of networking concepts, such as local-area networks (LANs), the Internet, security, and IP protocols.

Duration

Three days

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Course Outline

I. Introduction to the SymantecSecure Web Gateway

A. Overview of the Symantec Secure WebGateway family of products
B. Introduction to the ProxySG, including keyfeatures, SGOS, the Global Intelligence Network, and management consoles

II. Intercept traffic and apply policy

A. Proxy services
B. Writing policies in the Visual Policy Manager

III. Apply security and web usage policy to encrypted traffic

A. Key components of SSL encryption
B. Managing SSL traffic with the ProxySG Integrating the SSL Visibility Appliance

IV. Provide security and web usage policies based on role or group

A. Authentication on the ProxySG
B. Authentication realms, credentials, and modes

V. Enforce corporate guidelines for acceptable Internet browsing behavior

A. Determine appropriate use guidelines
B. Write appropriate use policies

VI. Protect the endpoint from malicious activity

A. Writing security policies using threat risk levels
B. Ensuring safe downloads

VII. Centrally manage, monitor, and report on security activity

A. Using Management Center to manage ProxySGs
B. Using the SG Admin Console

VIII. Maintaining the ProxySG, Management Center, and Reporter for optimal performance

A. Monitoring the ProxySG within Management Center
B. Using built-in health checks on devices

IX. Prevent malware and phishing threats while allowing broad web access

A. Symantec Web Isolation fundamentals
B. Isolation options for protecting privileged users and defending against phishing attacks
C. Authentication in explicit and transparent proxy modes

X. Enhance security by adding virus scanning and sandboxing with Content Analysis

A. Virus scanning and sandboxing with Content Analysis
B. Scanning best practices

XI. Expand security capabilities with cloud integrations

A. Integrating Web Security Service
B. Integrating CloudSOC Audit

XII. Course review

A. Generating reports in Reporter

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