

# **Enterprise Computing Solutions - Education Services**

# **TRAINING OFFERING**

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# Symantec Web Protection – Edge SWG Administration R2

CODE: LENGTH: PRICE:

SYM 000269 32 Hours (4 days) kr33,600.00

# **Description**

The Symantec Web Protection—Edge SWG Administration R2 course provides a detailed introduction to the features that comprise Edge SWG, which is the on-premise component of Symantec Network Protection.

These applications include Edge SWG (Edge SWG), Management Center, Reporter, Content Analysis, and High Risk Isolation. This course includes practical hands-on exercises that enable students to test their understanding of the concepts presented in the lessons.

# **Objectives**

By the completion of this course, you will be able to:

- Describe the major Edge SWG functions and capabilities
- · Write policies to defend enterprise networks against malware attacks and to enforce acceptable Internet browsing behavior
- Understand how the various applications work together to secure enterprise networks
- · View reports and monitor solution performance

# **Prerequisites**

- · Basic understanding of networking concepts
- Basic understanding of network security concepts
- Basic understanding of the use of proxy servers

## **Programme**

Module 1: Introduction to Symantec Edge SWG

- Overview of Web Protection Suite
- Overview of Edge SWG components

#### Module 2:

Intercepting web traffic and applying policy

- How the ProxySG intercepts traffic
- · Writing policy on the ProxySG
- Layer and rule evaluation order in the VPM
- Inform users when web access is denied or restricted due to policy

#### Module 3:

Applying security and web usage policy to encrypted traffic

- Introduction to TLS
- · Managing HTTPS traffic on the ProxySG

#### Module 4:

Centrally managing devices with Management Center

How Management Center centralizes and simplifies device management

- Configuring the ProxySG with the ProxySG Admin Console
- Creating and distributing VPM policies
- · Creating and managing jobs
- · Use reports to analyze web browsing activity

#### Module 5:

Providing security and web usage policies based on role or group

- Authentication basics on the ProxySG
- Using IWA authentication on the ProxySG
- Authentication modes in explicit and transparent modes
- · Connecting to the Windows domain directly using IWA direct
- · Connecting to the Windows domain using IWA BCAAA
- · Using roles and groups in policy

#### Module 6:

Enforcing corporate guidelines for acceptable Internet browsing behavior

- Create strong corporate guidelines for acceptable Internet use
- Use website categorization to enforce acceptable use guidelines
- Provide the ProxySG with categorization databases to be referenced in policy
- Set the Request URL Category object in policy to enforce acceptable use guidelines

#### Module 7:

Protecting the endpoint from malicious activity

- · WebPulse technical details
- Introduction to Intelligence Services
- Using Intelligence Services data feeds in policy
- · Ensuring safe downloads

#### Module 8:

Providing security for risky and unknown websites with High Risk Isolation

- Introduction to High Risk Isolation
- Configuring HRI
- Overview of Symantec Web Isolation

#### Module 9:

Enhancing security with virus scanning

- Introduction to Content Analysis
- Exploring the Content Analysis management console
- Configuring communication with the ProxySG over ICAP
- · Configuring malware scanning options

#### Module 10:

Using malware analysis to analyze potentially malicious files

- · Introduction to malware analysis
- Preparing the use malware analysis
- Performing malware analysis

# Module 11:

Monitoring Edge SWG features

- · Monitoring devices from within Management Center
- Monitor and maintain the Content Analysis
- Troubleshooting tips

#### Module 12:

Reporting for Edge SWG features

- How Reporter delivers centralized web reporting
- Configuring access logging on Edge SWG
- Using the Reporter Admin Console to configure log processing on Reporter

#### Module 13:

Understanding SGOS architecture and caching on the Edge SWG

· SGOS architecture

- Caching on the Edge SWG
- Using HTTP compression

#### Module 14

Using built-in diagnostic tools on the Edge SWG

- · Exploring sysinfo files
- Using policy tracing and policy coverage
- Using packet captures
- · Sending service information to Symantec

#### Module 15:

Expanding security with cloud integrations

- · Introduction to Cloud SWG
- Using Universal Policy Enforcement
- Integrating CloudSOC with Symantec Network Protection

#### Module 16:

Course review

• Symantec Web Protection--Edge SWG Administration R2 course review

#### Appendix A:

Using Content Policy Language (CPL)

- SSP hardware platform overview
- Introduction to ISG

#### Appendix B:

Using Content Policy Language (CPL)

- Basic CPL concepts
- Intermediate CPL concepts
- Using CPL best practices

### Appendix C:

Introduction to Hypertext Transport Protocol (HTTP)

· Basic HTTP concepts

## Follow on courses

Additional Courses Available

- Web Protection Cloud SWG Administration R2
- Web Protection Cloud SWG Diagnostics and Troubleshooting R2
- Web Protection Edge SWG Diagnostics and Troubleshooting R2

# **Test and Certification**

The 250-589: Symantec Web Protection – Edge SWG R2 Technical Specialist certification exam includes content from this course and its companion course, Symantec Web Protection – Edge SWG Diagnostics & Troubleshooting R2 Available at an additional cost.

#### **Session Dates**

Date	Location	Time Zone	Language	Туре	Guaranteed	PRICE
10 Nov 2025	Virtual Classroom (GMT / UTC)	GMT	English	Instructor Led Online		kr33,600.00

# **Tilleggsinformasjon**

Denne treningen er også tilgjengelig som trening på stedet. Kontakt oss for å finne ut mer.								