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**Course Name**

# **Symantec Web Protection - Cloud SWG**

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**Sector Name**

Information Technology

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## Symantec Web Protection - Cloud SWG

### Course Introduction

Symantec Web Protection is a comprehensive web security solution designed to protect organizations from web-based threats, malware, phishing attacks, malicious websites, and inappropriate internet usage.

It provides secure web gateway capabilities, URL filtering, threat intelligence, and advanced protection mechanisms to ensure safe and compliant internet access for users across on-premises, cloud, and hybrid environments.

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## Symantec Web Protection - Cloud SWG

### Target Audience

- ✓ Information Security Professionals
- ✓ Network Security Engineers
- ✓ System Administrators
- ✓ SOC Analysts
- ✓ IT Infrastructure Teams
- ✓ Cybersecurity Specialists
- ✓ Security Operations Managers
- ✓ Technical Support Personnel responsible for web security solutions

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## Symantec Web Protection - Cloud SWG

### Learning Objectives

- ✓ Understand the architecture and components of Symantec Web Protection.
- ✓ Identify common web-based cyber threats and attack vectors.
- ✓ Configure and manage web security policies.
- ✓ Implement URL filtering and content control mechanisms.
- ✓ Monitor web traffic and analyze security events.
- ✓ Configure user authentication and access controls.
- ✓ Generate and interpret reports for compliance and security monitoring.
- ✓ Troubleshoot common issues and optimize web protection performance.
- ✓ Apply best practices for securing organizational web access.

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## Symantec Web Protection - Cloud SWG

### Course Outline

#### ✓ DAY 1

##### **Fundamentals of Symantec Web Protection**

##### **Module 1: Web Security Landscape**

- ✓ Current web-based threats and risks
- ✓ Malware, ransomware, and phishing attacks
- ✓ Secure Web Gateway (SWG) concepts

##### **Module 2: Symantec Web Protection Overview**

- ✓ Solution architecture
- ✓ Key features and capabilities
- ✓ Deployment models (Cloud, On-Premises, Hybrid)

##### **Module 3: Installation and Initial Configuration**

- ✓ System requirements
- ✓ Deployment planning
- ✓ Basic setup and administration

## Module 4: User and Access Management

- ✓ Authentication methods
- ✓ User groups and roles
- ✓ Access control fundamentals

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## Symantec Web Protection - Cloud SWG

### Course Outline

#### ✓ DAY 2

##### **Policy Management and Threat Protection**

###### **Module 1: Web Access Policies**

- ✓ Policy creation and management
- ✓ Policy hierarchy and inheritance
- ✓ Exception handling

###### **Module 2: URL Filtering and Content Control**

- ✓ Category-based filtering
- ✓ Custom URL categories
- ✓ Acceptable Use Policy implementation

###### **Module 3: Threat Protection Features**

- ✓ Malware detection and prevention
- ✓ Phishing protection
- ✓ Reputation-based security
- ✓ Threat intelligence integration

## Module 4: SSL/TLS Inspection

- ✓ HTTPS inspection concepts
- ✓ Certificate management
- ✓ Privacy and compliance considerations

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## Symantec Web Protection - Cloud SWG

### Course Outline

#### ✓ DAY 3

##### **Monitoring, Reporting, and Administration**

##### **Module 1: Monitoring and Incident Analysis**

- ✓ Real-time monitoring
- ✓ Security alerts and notifications
- ✓ Investigating web security incidents

##### **Module 2: Reporting and Compliance**

- ✓ Built-in reporting tools
- ✓ Compliance reporting
- ✓ Executive and operational dashboards

##### **Module 3: Troubleshooting and Optimization**

- ✓ Common issues and resolutions
- ✓ Performance tuning
- ✓ Log analysis techniques

## Module 4: Best Practices and Advanced Security

- ✓ Security hardening recommendations
- ✓ Policy optimization strategies
- ✓ Future trends in web security

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## Symantec Web Protection - Cloud SWG

### Confirmed Sessions

| FROM          | TO            | DURATION | FEES       | LOCATION         |
|---------------|---------------|----------|------------|------------------|
| June 21, 2027 | June 23, 2027 | 3 days   | 1550.00 \$ | Virtual , Online |

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