

Web Security Service Planning, Implementation, and Administration R1.1 Course

COURSE DESCRIPTION

The Web Security Service Planning, Implementation, and Administration course is intended for IT professionals who will be planning, installing, configuring or administering the Symantec Web Security Service (WSS).

Delivery Method

Instructor-led and Virtual Academy

Duration

Two days

Course Objectives

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

- Describe the architecture, components and process flow of WSS.
- Identify installation, configuration and administration of the core features and products of WSS.
- Identify the key elements for planning a WSS deployment.

Who Should Attend

This course is for professionals who deal with architecting, installing, and administration of Web Security Service.

Prerequisites

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

Hands-On Labs

This course contains 17 hands-on labs including:

- Lab Login and WSS Portal Introduction
- Create Portal Users
- Set Data Privacy Levels
- Install and Explore the WSS Agent
- Install and Explore the Unified Agent
- Create a Bypass List
- Create a Custom PAC File for Remote Locations
- Implement SEP-WSS Integration
- Install Auth Connector to Simplify Managing Remote Users
- Create and Deploy Policies to Limit Social Media Use
- Create a Source Geography Based Policy to Ensure Safe Internet Usage
- Create a Customized Error Message Page
- Block Sites Based on Risk Level
- Block Infected Sites with Threat Protection
- Inspecting Encrypted Traffic with SSL Interception
- Improved Administration with WSS Reporting Tools
- Examine Administration Logs

COURSE OUTLINE

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

Web Security Service Connection Architecture and Functionality

- WSS Infrastructure
- WSS Features
- WSS Additional Products

Get Started Using WSS

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

Enable Remote Users to Securely Access the Internet

- Remote Users and Solutions
- WSS Agent
- Unified Agent
- WSS – SEP Integration
- SD Cloud Connector

Provide Safe and Proper Web Usage Base on User Identify

- What Methods of Authentication does WSS Support
- Auth Connector
- SAML
- Remote Authentication Methods with the Auth Connector
- Authentication with Unified Agent and SEP Integration

Create a more Effective Work Environment for Employee Web Usage

- Configuring Content Filtering Rules to Determine Internet Usage
- Setting Global Content Filtering Policy Rules
- Creating Custom Content Filtering Policy Rules

- Creating Exception Notifications for End Users
- Universal Policy Enforcement

Providing Threat Protection Against Malware

- Malware and WSS
- Malware Analysis - Standard
- Malware Analysis – Advanced
- Threat Protection
- Threat Protection Policies
- Creating Threat Protection Policy Rules
- Creating Exemptions from AV Scanning=

Inspect Encrypted Traffic

- Encrypted Traffic
- SSL Configuration
- Configuring SSL Exemptions

Enable Corporate Access to Securely Access the Internet

- Overview
- Firewall/VPN (IPsec) Access Method
- Cert-Based Connection
- Explicit Proxy Over IPsec Access Method
- Proxy Forwarding Access Method
- SD Cloud Connector Access

Identity Web Usage and Security Statistics with Reports

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

Enable Mobile Users to Securely Access the Internet

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



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Plan and Design Deployment of WSS

- Major Considerations for Deployment
- Potential Deployment Scenarios



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