

Symantec Endpoint Encryption 11.0.1: Install, Configure, and Deploy

Course Summary

Description

The Symantec Endpoint Encryption 11.0.1: Install, Configure, and Deploy course is designed for the network, IT security, systems administration, and support professional tasked with maintaining and troubleshooting a Symantec Endpoint Encryption environment. This class covers ongoing maintenance and troubleshooting from an administrative perspective, including installation, configuration, reporting, logging, and product maintenance.

Students also learn how to install and use Symantec Endpoint Encryption Management Console, installing and configuring the drive encryption client and removable media encryption client, using the CD/DVD burning utility, and integrating with Symantec Data Loss Prevention and Symantec Encryption Management Server.

This course is designed as an Install, Configure, and Deploy course which can be run instructor led or Virtual Academy.

Objectives

After taking this course, students will be able to:

- Perform Symantec Endpoint Encryption server and client installations.
- Configure connection to an SQL database.
- Configure drive and removable media policies.
- Explain details about drive encryption.
- Perform configuration of the various administrative roles.
- Integrate Symantec Data Loss prevention.
- Integrate Symantec Encryption Management Server for encrypted drive recovery.
- Manage client installations and user settings.
- Troubleshoot server and client issues.

Topics

- Introduction
- Management Server
- Prerequisite Software
- Server Installation
- Server Installation in Detail
- Endpoint Encryption Management Server
- Post Installation
- Backup and Recovery
- Management Console
- Management Console in Detail
- Server Roles
- Configuring Policy
- Configuring Policy in Detail
- Drive Encryption
- Drive Encryption in Detail
- Drive Encryption Recovery
- Removable Media Encryption
- Removable Media Encryption in Detail
- Reporting
- DLP Integration
- Management Agent
- Client Management
- Server Based Commands
- Virtual Desktops
- RME Burner
- SEE and SEMS
- SEE in Server-less Mode

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Course Summary (cont'd)

Audience

This course is for customers, support engineers, consultants, and partners who need to maintain and troubleshoot Symantec Endpoint Encryption.

Prerequisites

You must have working knowledge of advanced computer terminology, including TCP/IP networking terms and Internet terms, and administrator-level knowledge of Microsoft Windows 2000/XP/2003 operating systems and IIS, as well as knowledge about configuring SQL.

Duration

Three days

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Course Outline

- I. Introduction**
 - A. Core benefits
 - B. Architecture overview
 - C. Why we need encryption
 - D. Installation process and sequence
 - E. Scalability
- II. Management Server**
 - A. System requirements
 - B. Overview of account types and roles
 - C. Protocols and ports
 - D. Connecting to the database
- III. Prerequisite Software**
 - A. Installing prerequisite software
 - B. Installing and configuring IIS
 - C. Installing and configuring .NET
 - D. SQL server installation
 - E. Verifying installation
- IV. Server Installation**
 - A. The Symantec Endpoint Encryption Management Server installation
 - B. SQL account configuration
 - C. Management password
- V. Server Installation in Detail**
 - A. Step-by-step installation process for the Symantec Endpoint Encryption Management Server
 - B. Connecting to the database
 - C. Authentication methods
 - D. Database configuration
 - E. Command line installation
- VI. Post Installation**
 - A. Initial configuration after installation
 - B. Process overview
 - C. Directory Synchronization
 - D. Web service configuration
 - E. Verifying the installation
- VII. Backup and Recovery**
 - A. Importance of backups
 - B. Data to be backed up
 - C. Recovery process
- VIII. Management Console**
 - A. Using the Management Console for administration
 - B. Configuration Manager vs. Management Console
 - C. Using the Configuration Manager
 - D. Roles and installation overview
- IX. Management Console in Detail**
 - A. Step-by-step installation process
 - B. Roles
 - C. Back-end configuration
 - D. System requirements
 - E. Protocols and ports
 - F. Account overview
 - G. Connecting to the database
- X. Server Roles**
 - A. Roles overview
 - B. Assigning roles
 - C. Editing roles
- XI. Configuring Policy**
 - A. About administrative policies
 - B. Types of policies
 - C. Policy options
 - D. Group Policy Management
 - E. Policy precedence order
 - F. Policy comparisons
- XII. Configuring Policy in Detail**
 - A. Step-by-step policy creation
 - B. Linking Group Policy Objects
 - C. Creating Managed Computers groups
- XIII. Drive Encryption**
 - A. Overview of Drive Encryption
 - B. Autologon
 - C. Smart cards and tokens
 - D. Supported disk types
 - E. Encryption details
 - F. User registration

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Course Outline (cont'd)

XIV. Drive Encryption in Detail

- A. Autologon setup
- B. Step-by-step installation process
- C. Generating Help Desk recovery keys
- D. Configure Client Administrators
- E. Pre-boot configuration
- F. Mac FileVault client creation
- G. Enabling encryption

XV. Drive Encryption Recovery

- A. Self Recovery
- B. Help Desk Recovery
- C. WinPE Recovery Utility

XVI. Removable Media Encryption

- A. Purpose and features
- B. Encryption policy
- C. Recovery certificates
- D. Portability options

XVII. Removable Media Encryption in Detail

- A. Creating a Removable Media Encryption installation package
- B. Step-by-step installation process

XVIII. Reporting

- A. About reports
- B. Customizing report appearance
- C. Viewing reports
- D. Creating and editing custom reports

XIX. DLP Integration

- A. Using Symantec Endpoint Encryption with Data Loss Prevention

XX. Management Agent

- A. Overview of communication
- B. Settings
- C. Client Administrators
- D. Configuring Self Recovery
- E. Logon history

XXI. Client Management

- A. Settings
- B. Client Administrators
- C. Checking encryption status from the client

XXII. Server Based Commands

- A. Server based commands
- B. Available actions

XXIII. Virtual Desktops

- A. Overview of managing Symantec Endpoint Encryption policies on virtual desktops

XXIV. RME Burner

- A. Encrypt and burn files and folders onto CD type media

XXV. SEE and SEMS

- A. Interfacing with Symantec Encryption Management Server

XXVI. SEE in Server-less mode

- A. Server-less mode for Symantec Endpoint Encryption