

System Center Configuration Manager: Compliance and Security Concepts



Educate

Target Audience:

This course is an advanced course for the System Center Configuration Manager (SCCM) Administrator looking to implement Security Concepts with SCCM. The basic concepts and know-how of the product will not be covered in this course, and it is expected that attendees will already possess that knowledge

Overview

System Center Configuration Manager Compliance and Security Concepts: is a 4-day service that provides students with in-depth technical knowledge of advanced features in Configuration Manager through hands-on labs and instructor-led training sessions.

The workshop focuses on:

- System Center Configuration Manager (SCCM) Role Based Access
- System Center Endpoint Protection (SCEP)
- Windows 10 Updates and Servicing
- Managing O365 Deployments and Servicing
- MBAM Infrastructure and Management
- SCCM SCAP Integration

Key Features and Benefits

Each module contains scenarios that provide students with in-depth expertise, tools, and hands-on experience to help implement and troubleshoot Security Related concepts as they pertain to SCCM

Technical Highlights

After completing this course, you will be able to:

- Set up and configure SCCM Role Based Access
- Set up and configure System Center Endpoint Protection
- Set up and configure Windows 10 Servicing
- Service and Deploy O365
- Set up and configure MBAM integration with SCCM
- Integrate SCCM with SCAP extensions

Syllabus

Hosted Requirements:

Participants will need a computer running at least Windows 7, with 50 GB free drive space, a USB port, a 10 Mbps or faster network adapter, at least an evaluation copy of Office 2010 Professional or later, and a PDF reader. Participants also need a Microsoft/Windows Live ID to connect to the virtual environment. The classroom must be networked, with access to the Internet and at least total Internet bandwidth of 2 megabits per second. TCP port 443 must be open. We highly recommend a wired network in the classroom.

This workshop runs for **4** full days. Students should anticipate consistent start and end times for each day. Early departure on any day is not recommended.

Module 1: Overview of Security in Configuration Manager. This module provides an overview of different Security aspects that SCCM can support.

Module 2: Overview of Role Based access Control: In this module, you will be presented with techniques and necessary concepts to implement RBA in SCCM Hierarchy.

Module 3: Endpoint Protection Overview: This module presents the different components for System Center Endpoint Protection.

Module 4: System Center Endpoint Protection: This module summarizes CAMP and explains how to update SCEP.

Module 5: System Center Endpoint Protection Client and Policy Deployment This module focuses on deployment and updating of the SCEP client.

Module 6: System Center Endpoint Protection Concepts Protection Technologies This module provides an overview of the different SCEP capabilities and how to integrate with SCCM.

Module 7: System Center Endpoint Protection Alerts and Reporting In this module, you will be presented with the most common reporting and alerting for SCEP

Module 8: System Center Endpoint Protection Troubleshooting This module explains how to troubleshoot SCEP client.

Module 9: Introduction to Software Updates Software Updates in System Center Configuration Manager are a set of tools and resources that will help you manage the complex task of tracking and applying Software Updates to Computers across your Enterprise.

Module 10: Servicing This module will discuss WaaS (Windows as a Service) and how to automate it via SCCM.

Module 11: Managing Office 365 Updates This module explains how to set up and configure O365 for deployment with SCCM and how to configure Servicing Rings.

Module 12: MBAM Fundamentals This module reviews the fundamentals of MBAM configuration.

Module 13: MBAM Architecture This module explains the different MBAM configurations and hierarchy design.

Module 14: MBAM Data and Components This module discusses the different component of MBAM and how they correlate.

Module 15: Compliance Settings This module explores SCCM Compliance settings and various ways an organization may use them.

Module 16: SCAP Extensions This module explores what SCAP Extensions are and how SCCM may use them for reporting purposes.