

Microsoft Endpoint Configuration Manager: Admin Concepts and Cloud Services

WorkshopPLUS

Focus Area: Operations and Monitoring

Duration: 4 days

Difficulty: 300- Advanced

Overview

This System Center Configuration Manager: Admin Concepts and Cloud Services WorkshopPLUS will provide participants with the knowledge on the fundamentals of Configuration Manager, through an instructor-led training and hands-on labs. This WorkshopPLUS focuses on the following aspects of Configuration Manager:

- Introduction to SCCM
- Deployment
- Updates and Servicing
- Configuring Discoveries and Deploying Clients
- Inventory, Asset Intelligence, Software Metering and Remote Control
- Collections and Queries
- Deploying Applications
- Deploying Updates
- Console Security
- Client Health
- Backup and Recovery (Optional)

Objectives

This workshop focuses on introduction to Configuration Manager, overview of site deployment, how to configure discovery and deploy clients, clients inventory, Asset Intelligence, software metering, remote control, console security, collections and queries, application deployment, software update management, client health, update and servicing, and backup recovery.

After completing this training, students will be able to:

- Understand Configuration Manager site/system functionalities.
- Manage client computers by updating and securing them.
- Monitor the client health.
- Deploy applications.

Key Takeaways

Course Material

Each module contains scenarios that provide students with expertise, tools, and hands-on experience to help implement and troubleshoot the fundamental features of Configuration Manager.

Note: This WorkshopPLUS does not provide an in-depth of all the Configuration Manager features. For an advanced overview of all the features, we recommended you attend Microsoft **WorkshopPLUS: System Center Configuration Manager: Advanced Concepts and Cloud Services**.

Hands-on Labs

- Most of the concepts covered above will be supported by hands-on labs and demos.
- Attendees have access to resources and labs for up to 6 months after workshop completion.

Agenda

Day 1

- Module 1: Introduction to Configuration Manager
- Module 2: Deploying Configuration Manager
- Module 3: Updates and Servicing

Day 2

- Module 4: Discovery and Deploying Clients
- Module 5: Inventory, Asset Intelligence, Software Metering and Remote Control
- Module 6: Collections and Queries

Day 3

- Module 7: Deploying Applications
- Module 8: Deploying Software Updates

Day 4

- Module 9: Console Security
- Module 10: Client Health
- Module 11: Backup and Recovery

Plan for four full days. Early departure on any day is not recommended.

Course Details

Module 1: Introduction to System Center

Configuration Manager: This module introduces the new features in System Center Configuration Manager.

Module 2: Deploying System Center Configuration

Manager: This module covers the overview of site deployment and site systems.

Module 3: Updates and Servicing: This module explains the new updates and the servicing model introduced in the new version of Configuration Manager.

Module 4: Configuring Discoveries and Deploying

Clients: This module describes the discoveries and client deployment.

Module 5: Inventory, Asset Intelligence, Software

Metering, and Remote Control: This module covers hardware and software inventory, configuring Asset Intelligence components, enabling, customizing, and reporting software metering, and remote control.

Module 6: Collections and Queries: This module discusses collections and queries and the collection-specific client agent policy. It also provides an overview of maintenance window.

Module 7: Deploying Applications: This module covers creating and deploying software distribution and content management.

Module 8: Deploying Software Updates: This module introduces software updates management and patch management.

Module 9: Console Security: This module provides an overview of console security in System Center Configuration Manager and explains role-based administration.

Module 10: Client Health: This module provides an introduction to client status, monitoring, auto-remediation, in-console client status reporting and the client health service.

Module 11: Backup and Recovery (Optional): This module provides an overview of the backup feature and the recovery methods and scenarios.

Recommended Qualifications

- To ensure the high-quality knowledge transfer to attendees of this four-day WorkshopPLUS, the class size is limited to 16 students who meet the following criteria:
- Basic knowledge of Windows operating systems
- Knowledge of Microsoft System Center Configuration Manager

Hardware Requirements

- Intel Core-i5 or higher based PC
- USB port
- Microsoft/Windows Live ID to connect to the virtual environment
- 4 GB RAM
- 50 GB free disk space
- 10 Mbps or faster network adapter
- Windows 7 SP1 or later
- Office 2013 Professional Plus
- Internet access with at least 2 Mbps bandwidth per student.
- TCP Port 443 must be open

For more information

Contact your Microsoft Account Representative for further details.