

System Center 2012 Configuration Manager Advanced Concepts and Administration



Workshop *PLUS*

Target Audience

To ensure the high-quality knowledge-transfer expected by attendees of this 3-day workshop, class size is limited to a maximum of 16 students who meet the following criteria:

- Intermediate to advanced knowledge of Windows operating systems
- Intermediate to advanced knowledge of and minimum one year experience with Configuration Manager 2007 or 2012 features, or completion of *Microsoft Premier Workshop: System Center 2012 Configuration Manager Concepts and Administration Introduction*.
- Note: This workshop does not provide an overview of all Configuration Manager features. For an overview of all features, it is recommended to attend *Microsoft Premier Workshop: System Center 2012 Configuration Manager Concepts and Administration Introduction*.

Overview

Workshop *PLUS*: System Center 2012 Configuration Manager: Advanced Concepts and Administration is a 3-day workshop that provides students with in-depth technical knowledge of advanced features of Configuration Manager through hands-on labs and instructor-led training sessions.

The workshop focuses on:

- System Center 2012 Configuration Manager Deployment and Architecture
- Compliance Settings
- Application Deployment
- Installing System Center Updates Publisher (SCUP)
- Site and Client Monitoring
- Troubleshooting, and Site Recovery

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 System Center 2012 Configuration Manager advanced features.

Technical Highlights

After attending this workshop, students will be able to:

- Deploy System Center 2012 Configuration Manager
- Configure secure client-server communication by implementing Public Key Infrastructure (PKI) certificates
- Assess compliance settings and remediate computers that are non-compliant
- Deploy applications and troubleshoot application installation failures
- Monitor Configuration Manager sites and client health
- Troubleshoot server and client issues
- Back up and restore a Configuration Manager 2012 site

Syllabus

IT Requirements

To participate in the course, each student must have access to a workstation that meets or exceeds the minimum hardware and software requirements of:

- Windows Server 2008 R2
- 16 GB of RAM
- 300 MB free contiguous hard drive disk space

Students of an open enrollment workshop will have the hardware provided for them.

If you are coordinating a closed delivery (dedicated delivery for your organization) and require hardware or are interested in having the virtual environment hosted in the cloud, then please contact your Technical Account Manager (TAM) for more information.

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

Module 1: System Center 2012 Configuration Manager Deployment and Architecture

This module covers deployment and architecture of System Center 2012 Configuration Manager and implementing secure client-server communications using Public Key Infrastructure (PKI).

Module 2: System Center 2012 Configuration Manager Compliance Settings

This module describes how to use Configuration Manager to assess compliance and remediate non-compliant settings.

Module 3: System Center 2012 Configuration Manager Application Deployment

This module focuses on deploying applications using the Application Management model.

Module 4: Installing System Center Updates Publisher (SCUP)

This module discusses how to integrate System Center Updates Publisher with your Configuration Manager environment to deploy custom updates.

Module 5: System Center 2012 Configuration Manager Site and Client Monitoring

This module covers monitoring the health of Configuration Manager servers and clients.

Module 6: System Center 2012 Configuration Manager Troubleshooting and Site Recovery

This module explains how to troubleshoot Configuration Manager server and client issues. It also covers how to back up and restore a site server in a recovery scenario.

All modules contain both hands-on labs and demos.