

Planning and Deploying Microsoft System Centre 2012 (M10748)

Get detailed instruction and hands-on practice planning and deploying Microsoft System Center 2012 R2 Configuration Manager and its associated site systems.

Objective

After completing this training course, students will be able to:

- Describe the System Center 2012 R2 Configuration Manager infrastructure.
- Plan and deploy a stand-alone primary site.
- Plan and configure role-based administration.
- Plan and deploy a multiple-site hierarchy.
- Replicate data and manage content in Configuration Manager.
- Plan resource discovery and client deployment.
- Configure Internet and cloud-based client management.
- Maintain and monitor System Center 2012 R2 Configuration Manager.
- Migrate to System Center 2012 R2 Configuration Manager.

Details

Duration: 3 Days

Who is this course for

Before attending this training course, students must have a working knowledge at the system-administrator level of:

- Networking fundamentals, including TCP/IP and Domain Name System (DNS)
- Active Directory® Domain Services (AD DS) principles and management
- Windows Server management including managing Windows Server 2008 R2 and Windows Server 2012
- Windows Client fundamentals
- Deployment, configuration, and troubleshooting for Windows-based personal computers
- Basic public key infrastructure (PKI) concepts
- Configuration Manager features and administrative tasks including:
 - Working with the System Center 2012 Configuration Manager or newer administrator console
 - Installing clients
 - Maintaining hardware and software inventory
 - Working with collections
 - Reporting
 - Deploying applications
 - Managing software updates
 - Deploying operating systems
 - Settings management

Students who attend this training can meet the prerequisites by obtaining equivalent knowledge and skills or by attending the following courses

- Course 6419: *Configuring, Managing, and Maintaining Windows Server® 2008–based Servers*
- Course 20411: *Administering Windows Server® 2012*
- Course 20687: *Configuring Windows® 8.1*
- *And Either*
 - *Course 10747: Administering System Center 2012 Configuration Manager*
- *or*
- *Both:*

Course Content

Module 1: Overview of System Center 2012 R2 Configuration Manager This module explains the System Center 2012 R2 Configuration Manager infrastructure and the typical deployment scenarios. Lessons

- Introduction to System Center 2012 R2 Configuration Manager
- Overview of the Configuration Manager Site System Roles
- Overview of the Configuration Manager Optional Site System Roles
- Overview of Configuration Manager Deployment Scenarios
- Overview of the Configuration Manager Client

After completing this module, students will be able to:

- Describe the System Center 2012 R2 Configuration Manager architecture.
- Describe the Configuration Manager server infrastructure.
- Describe typical Configuration Manager deployment scenarios.
- Describe the Configuration Manager client.

Module 2: Planning and Deploying a Stand-Alone Primary Site This module explains how to plan and deploy a stand-alone primary site. Lessons

- Planning a Configuration Manager Stand-Alone Primary Site Deployment
- Preparing to Deploy a Configuration Manager Primary Site
- Installing a Configuration Manager Site Server
- Performing Post-Setup Configuration Tasks
- Tools for Monitoring and Troubleshooting a Configuration Manager Site

Lab : Installing a Configuration Manager Primary Site Lab : Performing Post-Setup Configuration Tasks

After completing this module, students will be able to:

- Describe the planning tasks for a System Center 2012 Configuration Manager primary site deployment.
- Identify the preparation steps for deploying Configuration Manager 2012.
- Install a Configuration Manager 2012 primary site.
- Perform post-setup configuration tasks.
- Describe the tools that you can use to monitor and troubleshoot a Configuration Manager 2012 installation.

Module 3: Planning and Configuring Role-Based Administration

This module explains how to plan and configure Configuration Manager administrative users and access.

Lessons

- Overview of Role-Based Administration
- Identifying IT Roles in Your Organization
- Configuring Role-Based Administration

Lab : Planning and Configuring Role-Based Administration

After completing this module, students will be able to:

- Describe role-based administration concepts.
- Describe the process for identifying the roles in a typical IT department and its corresponding responsibilities and activities.
- Configure role-based administration.

