

3 Days

10748: Planning and Deploying System Center 2012 Configuration Manager

Planning and Deploying System Center 2012 Configuration Manager training provides a comprehensive curriculum for effectively deploying Microsoft System Center 2012 R2 Configuration Manager and its associated site systems.

This three-day course primarily targets IT Professionals who are involved in designing and deploying one or more System Center 2012 R2 Configuration Manager sites and all supporting systems, as well as configuring and managing endpoints in those systems.

During the training period, candidates will learn deployment of the central administration sites, all associated site systems, migrate from System Center 2012 Configuration Manager to System Center 2012 R2 Configuration Manager.

This course will prepare the candidates for the Exam 70-243, MCTS: Administering and Deploying System Center 2012 Configuration Manager.

Course Details

Course Outline

Module 1: Overview of System Center 2012 R2 Configuration Manager

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

Module 2: Plan and Deploy a Stand-Alone Primary Site

- Plan a Configuration Manager Stand-Alone Primary Site Deployment
- Prepare to Deploy a Configuration Manager Primary Site
- Install a Configuration Manager Site Server
- Tools to Monitor and Troubleshoot a Configuration Manager Site
- Perform Post-Setup Configuration Tasks

Module 3: Plan and Configure Role-Based Administration

- Role-Based Administration Overview
- Identify IT Roles in Your Organization
- Configure Role-Based Administration

Module 4: Plan and Deploy a Multiple-Site Hierarchy

- Planning a Configuration Manager 2012 Multiple-Site Hierarchy
- Deploy a Configuration Manager 2012 Site
- Deploy the Central Administration Site
- Deploy Primary Sites in a Hierarchy
- Deploy Secondary Sites

Module 5: Replicate Data and Manage Content in Configuration Manager 2012

- Data Types and Replication
- Manage Data Replication
- Plan Content Management

Module 6: Plan Resource Discovery and Client Deployment

- Identify Resources by Using Configuration Manager Discovery Methods
- Client Deployment in Configuration Manager
- Deploy Windows-Based Configuration Manager Clients
- Manage Configuration Manager Clients
- Monitor Client Status in Configuration Manager

Module 7: Configure Internet and Cloud-Based Client Management

- Manage Remote Clients by Using System Center 2012 R2 Configuration Manager
- Manage Internet-Based Configuration Manager Clients
- Configure Cloud Services in System Center 2012 R2 Configuration Manager

Module 8: Maintain and Monitor System Center 2012 Configuration Manager

- Configuration Manager 2012 Site Maintenance
- Perform Backup and Recovery of a Configuration Manager Site
- Monitor Configuration Manager 2012 Site Systems

Module 9: Migrating to System Center 2012 R2 Configuration Manager

- Migration Process
- Prepare Configuration Manager 2007 Sites for Migration
- Configure Migration Settings
- Migrate Objects
- Upgrade Configuration Manager 2012 to Configuration Manager 2012 and then to System Center 2012 R2 Configuration Manager

Who Should Attend

This course is beneficial for IT professionals who are engaged in designing and deploying one or more System Center 2012 R2 Configuration Manager sites and all other supporting systems.

This course is also beneficial for individuals who are interested in taking exam 70-243: Administering and Deploying System Center 2012 Configuration Manager.

Pre Requisite

Before attending this course, candidates must possess 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 Client fundamentals
- Windows Server management including managing Windows Server 2008 R2 and Windows Server 2012
- Working with the System Center 2012 Configuration Manager or newer administrator console
- Deployment, configuration, and troubleshooting for Windows-based personal computers
- Basic public key infrastructure (PKI) concepts

Candidates seeking to take this training can meet the prerequisites by obtaining equivalent knowledge and skills 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
- Six months of hands-on experience with System Center 2012 Configuration Manager or newer

Exams

Microsoft Certified Professional (MCP) [70-243]

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