



Global Knowledge.

Deploying System Center 2012 Configuration Manager (M10748)

Learn how to migrate System Center Configuration Manager 2007 to System Center 2012 Configuration Manager.

In this course, you will learn how to plan and deploy a System Center 2012 Configuration Manager hierarchy, including the central administration site, one or more primary and secondary sites, and all associated site systems. You will also cover migration from System Center Configuration Manager 2007.

This course in combination with Administering System Center 2012 Configuration Manager can help you prepare for Exam 70-243 TS: Administering and Deploying System Center 2012 Configuration Manager.

Global Knowledge Exclusive!

Continue developing your skills after class with 24/7 access to our live remote labs for six months, providing you with valuable extra time for hands-on practice.

What You'll Learn

- Configuration Manager 2012 infrastructure and typical deployment scenarios
- Plan and deploy a single primary site
- Plan and configure administrative roles
- Plan and deploy a multiple-site hierarchy including the central administration site, primary sites, and secondary sites
- Replication and data types
- Monitor data replication throughout the hierarchy
- Use various methods to plan and deploy Configuration Manager 2012 clients
- Perform maintenance tasks and monitor site systems
- Perform migration of objects from Configuration Manager 2007 to Configuration Manager 2012

Who Needs to Attend

Systems engineers or Configuration Manager administrators who need to plan a Microsoft System Center 2012 Configuration Manager deployment and who are responsible for designing and deploying one or more System Center 2012 Configuration Manager sites and all supporting systems

Prerequisites

- System administrator-level working knowledge of:
 - Networking fundamentals, including TCP/IP and Domain Name System (DNS)
 - Active Directory Domain Services (AD DS) principles and management
 - Windows Server management including Windows Server 2008 and Windows Server 2008 R2
 - Deploying, configuring, and troubleshooting Windows-based computers
 - SQL Server 2008, including reporting services
 - Basic Public Key Infrastructure (PKI) concepts

- Working knowledge of Configuration Manager features and administrative tasks including:
 - Working with the administrator console
 - Installing clients
 - Hardware and software inventory
 - Working with collections
 - Reporting
 - Deploying applications
 - Managing software updates
 - Deploying operating systems
 - Settings management
- The following courses meet the prerequisites for this course:
- Configuring, Managing, and Maintaining Server 2008 R2 (M6419)
- Administering System Center 2012 Configuration Manager (M10747)

Follow-On Courses

There are no follow-ons for this course.

Certification Programs and Certificate Tracks

This course is part of the following programs or tracks:

- MCTS: Administering and Deploying System Center 2012 Configuration Manager

Course Outline

1. System Center 2012 Configuration Manager

- Introduction
- Server Default Site System Roles
- Server Optional Site System Roles
- Deployment Scenarios

2. Planning and Deploying a Stand-Alone Primary Site

- Planning a System Center 2012 Configuration Manager Stand-Alone Deployment
- Preparing to Deploy a Configuration Manager 2012 Site
- Installing a Configuration Manager 2012 Site Server
- Performing Post-Setup Configuration Tasks
- Tools for Monitoring and Troubleshooting a Configuration Manager 2012 Installation
- Managing Internet-Based Clients

3. Planning and Configuring Role-Based Administration

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

4. Planning and Deploying a Multiple-Site Hierarchy

- Planning a Configuration Manager 2012 Hierarchy
- Deploying a Configuration Manager 2012 Site
- Central Administration Site
- Primary Sites
- Secondary Sites

5. Data Replication and Content Management

- Data Types and Replication
- Monitoring and Troubleshooting Data Replication

- Planning for Content Management
- Configuring and Monitoring Content Management

6. Planning and Completing System Center 2012 Configuration Manager Client Deployment

- Discovery Methods
- Configuration Manager 2012 Client Deployment
- Deploying Clients
- Managing Clients
- Monitoring Client Health

7. Maintaining and Monitoring System Center 2012 Configuration Manager

- Configuration Manager 2012 Site Maintenance
- Performing Backup and Recovery
- Monitoring Site Systems

8. Migrating from System Center Configuration Manager 2007 to System Center 2012 Configuration Manager

- Migration Process
- Preparing Configuration Manager 2007 Sites for Migration
- Configuring Migration Settings
- Migrating Objects

Labs

Lab 1: Install a Configuration Manager 2012 Primary Site

- Configure the Prerequisites for Configuration Manager 2012 Deployment
- Extend the Active Directory Schema
- Install a Configuration Manager 2012 Stand-Alone Primary Site

Lab 2: Perform Post-Setup Configuration Tasks

- Validate the Installation of the Primary Site
- Perform the Initial Configuration of the Primary Site

Lab 3: Configure PKI for Configuration Manager

- Create Certificate Templates for Configuration Manager
- Deploy Certificates for Configuration Manager

Lab 4: Plan and Configure Role-Based Administration

- Review Built-in Security Roles and Scopes
- Create Custom Security Roles and Scopes
- Test the Permissions of the New Role

Lab 5: Install the Central Administration Site

- Extend the Active Directory Schema
- Install a Central Administration Site
- Validate the Installation

Lab 6: Install a Primary Site in an Existing Hierarchy

- Install a Primary Site in an Existing Hierarchy
- Validate the Installation
- Automate the Installation of a Primary Site

Lab 7: Install a Secondary Site

- Configure Prerequisites
- Install a Secondary Site from a Primary Site
- Validate the Installation

Lab 8: Monitor and Troubleshoot Data Replication

- Monitor Replication
- Troubleshoot Replication

Lab 9: Configure Content Management

- Create a Distribution Point and a Distribution Point Group
- Distribute and Monitor Content
- Perform Content Pre-Staging

Lab 10: Plan and Complete System Center 2012 Configuration Manager Client Deployment

- Configure Active Directory Discovery Methods
- Use Client Push to Install Configuration Manager 2012 Clients
- Verify Configuration Manager 2012 Client Installation

Lab 11: Maintain and Monitor System Center 2012 Configuration Manager

- Configure the Site Backup Task
- Recover the Site from a Backup
- Monitor Configuration Manager

Lab 12: Migrate from System Center Configuration Manager 2007 to System Center 2012 Configuration Manager

- Configure the Source Hierarchy
- Create a Migration Job and Perform



Classroom

Course Code: 6309

Authorized Course

\$2195 USD

3 Day Course

GSA Eligible

Microsoft Course: M10748

3 Day SATV Voucher

Other Delivery Methods

Virtual Classroom

On-Site



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Classroom Dates and Locations

Jun 24 - 26, 2013	Atlanta, GA	Sep 23 - 25, 2013	Dallas, TX
Jul 22 - 24, 2013	Orlando, FL	Sep 30 - Oct 2, 2013	Chicago (Schaumburg), IL
Jul 22 - 24, 2013	Boston, MA	Oct 7 - 9, 2013	Atlanta, GA
Jul 22 - 24, 2013	New York, NY	Nov 4 - 6, 2013	New York, NY
Jul 29 - 31, 2013	San Jose, CA	Nov 11 - 13, 2013	Houston, TX
Aug 19 - 21, 2013	Washington, DC	Nov 18 - 20, 2013	Washington, DC
Aug 26 - 28, 2013	Raleigh, NC	Dec 2 - 4, 2013	San Jose, CA
Sep 9 - 11, 2013	Houston, TX		
Sep 16 - 18, 2013	Morristown, NJ		

Date created: 6/12/2013 4:14:16 PM

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