Planning and Deploying System Center 2012 Configuration Manager - MOC On Demand (MS-10748)

Modality: On Demand

Duration: 2 Days

SATV Value: 2

This is the Official On-Demand course of Microsoft that is available for 90 days from the demand date if you have a yearly membership, or course buys exclusively. Course access will terminate the following 90 days of enlistment of the course.

About this course:

Get hands-on work and detailed instruction on deploying and planning MS System Center 2012 R2 Configuration Manager and its related site frameworks. This Official course of Microsoft is intended for IT Professionals who are answerable for deploying and designing at least one System Center 2012 R2 Configuration Manager locales and every single supporting framework, and also managing and configuring endpoints in those frameworks. You will figure out how to get ready for the arrangement of the central administration site, at least one essential locales and other destinations, and all related site frameworks. You will likewise figure out how to move from System Center 2012 to System Center 2012 R2 Configuration Manager.

Also, this course assists up-and-comers with getting ready for the 70-243 Exam, MCTS: Deploying and Administering System Center 2012 Configuration Manager. Both courses of Configuration Manager, 10748C and 10747D, or the identical information and aptitudes will be important to get ready for the test.

NOTE: Windows Intune is utilized as a major aspect of the lab for this course that may not be accessible in all nations. It would be ideal if you affirm with your Microsoft preparing supplier that this cloud administration is accessible in your general vicinity. Preparing Providers: it would be ideal if you reference the course arrangement manager for more details.

The normal compensation for a Configuration Manager of System Center is **$95,244** every year.

Course Objective:

- Explain the infrastructure of the System Center 2012 R2 Configuration Manager.
- Plan and convey an independent essential site.
- Configure and plan job-based management.
- Deploy and plan a different site order.
- Manage content and Replicate data in Configuration Manager.
- Plan client deployment and resource discovery.
- Configure cloud-based and Internet client management.
- Monitor and Maintain System Center 2012 R2 Configuration Manager.
- Transfer to System Center 2012 R2 Configuration Manager.

Audience:

This course is designed for:

The professionals of Information Technology (IT) who are answerable for deploying and planning at least one sit for System Center 2012 R2 Configuration Manager and every single supporting framework. They ought to have the experience of three to five years with a medium to huge endeavor associations, in a job where they are supporting numerous server PCs and desktops that run Windows®-based working frameworks.

Prerequisites:

Prior to going to this course, understudies must have working information at the level of system-administrator:

- The fundamentals of networking, including the Domain Name System (DNS) and TCP/IP.
- Principles and management of Active Directory® Domain Services (AD DS).
- The management of Windows Server including Windows Server 2012 and managing Windows Server 2008 R2.
- Fundamentals of Windows Client
- Configuration, deployment, and troubleshooting for Windows-based personal computers
- The concepts of Basic public key infrastructure (PKI)

Configuration Manager features and administrative tasks including:

- Performing with the System Center 2012 Configuration Manager or upgraded administrator console
- Maintaining software and hardware inventory
- Reporting
- Deploying applications
- Deploying operating systems
- Installing clients
- Managing software updates
- Working with collections
- Settings management

Suggested prerequisites courses:

Dynamic Directory Services with Windows Server - MS-10969 - MOC On-Demand

Management Windows Server 2012 - MS-20411 - MOC On-Demand

Course Outline:

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.

Module 4: Planning and Deploying a Multiple-Site Hierarchy

This module explains how to plan and deploy a multiple site hierarchy including a central administration site, primary sites, and a secondary site.

Lessons

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

Lab : Installing a Site Hierarchy

Lab : Verifying a Site Hierarchy

Lab : Installing a Secondary Site

After completing this module, students will be able to:

- Describe the architecture and characteristics of a System Center 2012 Configuration Manager multiple-site hierarchy.

- Describe the role of the central administration site in a hierarchy.
- Prepare for and perform the installation of the central administration site.
- Prepare for and perform the installation of primary sites in an existing hierarchy.
- Identify the need to install secondary sites and perform the installation of a secondary site.

Module 5: Replicating Data and Managing Content in Configuration Manager 2012

This module explains how to plan, configure, and monitor data types, intersite communication, replication, and content.

Lessons

- Introduction to Data Types and Replication
- Managing Data Replication
- Planning Content Management

Lab : Configuring, Monitoring, and Troubleshooting Data Replication

Lab : Planning and Configuring Content Management

After completing this module, students will be able to:

- Describe site and global data types and how data is replicated throughout the hierarchy.
- Manage data replication.
- Plan for content management.

Module 6: Planning Resource Discovery and Client Deployment

This module explains how to plan and use various methods to discover resources and deploy the Configuration Manager client.

Lessons

- Identifying Resources by Using Configuration Manager Discovery Methods
- Client Deployment in Configuration Manager
- Deploying Windows-Based Configuration Manager Clients
- Managing Configuration Manager Clients
- Monitoring Client Status in Configuration Manager

Lab : Implementing Configuration Manager Client Deployment

After completing this module, students will be able to:

- Describe processes and methods for resource discovery.
- Describe the client-installation process and client-deployment methods.

- Plan and complete a typical client deployment.
- Manage Configuration Manager clients after installation.
- Describe the new Client Health feature in Configuration Manager.

Module 7: Configuring Internet and Cloud-Based Client Management

This module explains how to plan and configure Internet and cloud-based client management.

Lessons

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

Lab : Configuring PKI for Configuration Manager

Lab : Configuring Windows Intune Integration with System Center 2012 R2 Configuration Manager

After completing this module, students will be able to:

- 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: Maintaining and Monitoring System Center 2012 Configuration Manager

This module explains how to perform maintenance tasks and monitor the Configuration Manager site systems.

Lessons

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

Lab : Maintaining System Center 2012 Configuration Manager

After completing this module, students will be able to:

- Describe Configuration Manager site-maintenance tasks.
- Back up and recover a Configuration Manager site.
- Monitor Configuration Manager site systems.

Module 9: Migrating to System Center 2012 R2 Configuration Manager

This module explains how to perform migration tasks from Configuration Manager 2007 and upgrade Configuration Manager 2012 to Configuration Manager 2012 SP1 and then to System Center 2012 R2 Configuration Manager.

Lessons

- Overview of the Migration Process
- Preparing Configuration Manager 2007 Sites for Migration
- Configuring Migration Settings
- Migrating Objects
- Upgrading Configuration Manager 2012 to SP1 and then to System Center 2012 R2 Configuration Manager

Lab : Migrating from System Center Configuration Manager 2007 to System Center 2012 Configuration Manager

After completing this module, students will be able to:

- Describe the migration process from Configuration Manager 2007 to Configuration Manager 2012.
- Prepare Configuration Manager 2007 sites for migration.
- Configure migration settings.
- Migrate objects.
- Upgrade a Configuration Manager site to System Center 2012 R2 Configuration Manager.

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