MODULE 1: OVERVIEW OF SYSTEM CENTER 2012 CONFIGURATION MANAGER

This module describes the Configuration Manager 2012 infrastructure and typical deployment scenarios.

Lessons

- Introduction to System Center 2012 Configuration Manager
- Overview of the Configuration Manager 2012 Server Infrastructure
- Configuration Manager 2012 Deployment Scenarios
- Overview of the Configuration Manager 2012 Client

After completing this module, students will be able to:

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

MODULE 2: PLANNING AND DEPLOYING A SINGLE-SITE ENVIRONMENT

This module explains the planning process, inputs, and typical planning activities for deploying a stand-alone primary site. It also describes the prerequisites for installing a site server and related components, the process of installing, validating and configuring a stand-alone primary site, and describes the requirements for managing Internet-based clients.

Lessons

- 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 Client

Lab: Installing a Configuration Manager 2012 Primary Site

Lab: Performing Post-Setup Configuration Tasks

After completing this module, students will be able to:

- Describe the planning tasks for a Configuration Manager 2012 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 used to monitor and troubleshoot a Configuration Manager 2012 installation.
- Describe the process for managing Internet-based clients.
MODULE 3: PLANNING AND CONFIGURING ROLE-BASED ADMINISTRATION

This module explains how to plan and configure administrative roles.

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 to identify the roles in a typical IT department and identify the roles’ responsibilities and activities.
- Create new security roles and configure scopes in Configuration Manager 2012.

MODULE 4: PLANNING AND DEPLOYING A MULTIPLE-SITE HIERARCHY

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

Lessons
- Planning a Configuration Manager 2012 Hierarchy
- Deploying a Configuration Manager 2012 Site
- Overview of the Central Administration Site
- Overview of Primary Sites
- Overview of Secondary Sites

Lab: Installing the Central Administration Site
Lab: Installing a Primary Site in an Existing Hierarchy
Lab: Installing a Secondary Site

After completing this module, students will be able to:
- Describe the Configuration Manager 2012 hierarchy model, types of sites, and when to use each site type.
- Describe the role of the central administration site in a hierarchy.
- Install the central administration site.
- Install a primary site in an existing hierarchy.
- Install a secondary site.

MODULE 5: DATA REPLICATION AND CONTENT MANAGEMENT

This module describes types and data replication, monitoring and troubleshooting data replication throughout the hierarchy, and planning for, configuring, and monitoring content management.

Lessons
- Introduction to Data Types and Replication
- Monitoring and Troubleshooting Data Replication
• Planning for Content Management
• Configuring and Monitoring Content Management

Lab: Monitoring and Troubleshooting Data Replication
Lab: 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.
• Monitor and troubleshoot data replication.
• Plan for content management.
• Configure and monitor content management.

✔ MODULE 6: PLANNING AND COMPLETING SYSTEM CENTER 2012 CONFIGURATION MANAGER CLIENT DEPLOYMENT

This module explores various methods to plan and deploy Configuration Manager 2012 clients, including discovery methods, client deployment methods, managing clients, and monitoring client health.

Lessons
• Introduction to Discovery Methods
• Introduction to Configuration Manager 2012 Client Deployment
• Deploying Configuration Manager 2012 Clients
• Managing Configuration Manager 2012 Clients
• Monitoring Configuration Manager 2012 Client Health

Lab: Planning and Completing System Center 2012 Configuration Manager Client Deployment

After completing this module, students will be able to:
• Describe resource discovery processes and methods.
• Describe the client installation process and deployment methods.
• Plan and complete a typical client deployment.
• Describe managing Configuration Manager 2012 clients after installation.

✔ MODULE 7: MAINTAINING AND MONITORING SYSTEM CENTER 2012 CONFIGURATION MANAGER

This module describes how to perform various Configuration Manager 2012 maintenance tasks, and how to monitor site systems.

Lessons
• Overview of Configuration Manager 2012 Site Maintenance.
• Performing Backup and Recovery of Configuration Manager 2012.
• Monitoring Configuration Manager 2012 Site Systems.

Lab: Maintaining and Monitoring System Center 2012 Configuration Manager

After completing this module, students will be able to:
• Describe Configuration Manager 2012 site maintenance tasks.
• Back up and recover a Configuration Manager 2012 site.
• Monitor Configuration Manager 2012 site systems.
MODULE 8: MIGRATING FROM SYSTEM CENTER CONFIGURATION MANAGER 2007 TO SYSTEM CENTER 2012 CONFIGURATION MANAGER

This module describes the migration of objects from Configuration Manager 2007 to Configuration Manager 2012.

Lessons

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

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.