



# Administering System Center 2012 Configuration Manager

Course ID#: 1410-650-12-W  
35 Hrs.

## Course Content

### Course Description:

This course is intended for Configuration Manager administrators who are responsible for configuring and managing one or more System Center 2012 Configuration Manager sites and all supporting systems. They have one to three years of experience supporting multiple desktop and server computers running the Windows Server operating system in medium to large enterprise organizations. Administrators may have previous Configuration Manager experience, or be new to the product.

### Prerequisites:

Individuals who are interested in taking exam [70-243: Administering and Deploying System Center 2012 Configuration Manager](#), can also attend this course. Both this course and course [10748A: Administering System Center 2012 Configuration Manager](#) will help to prepare for the exam.

### Topics

#### Overview of System Center 2012 Configuration Manager

- Introduction to System Center 2012 Configuration Manager
- Overview of System Center 2012 Configuration Manager Architecture
- Overview of the Configuration Manager Console
- Tools for Monitoring and Troubleshooting a Configuration
- Manager Site

#### Lab : Exploring the Configuration Manager Console

- Exploring the Configuration Manager Console
- Searching in the Configuration Manager Console

#### Lab : Monitoring and Troubleshooting a Configuration Manager Site

- Configuring Status Summarizers
- Managing Components by Using Configuration Manager Service Manager
- Monitoring Site and Component Status
- Reviewing Log Files by Using Configuration Manager Trace Log Tool

#### Module 2: Discovering and Organizing Resources

- Configuring Resource Discovery
- Configuring Boundaries and Boundary Groups
- Configuring User and Device Collections
- Configuring Role-Based Administration

#### Lab : Configuring Resource Discovery and Boundaries

- Configuring Active Directory Discovery Methods
- Configuring Boundaries and Boundary Groups

#### Lab : Configuring User and Device Collections

- Creating a Device Collection
- Creating a User Collection
- Configuring a Maintenance Window

#### Lab : Configuring Role-Based Administration

- Configuring a New Scope for Toronto Administrators
- Configuring a New Administrative User



# Administering System Center 2012 Configuration Manager

Course ID#: 1410-650-12-W  
35 Hrs.

## Managing the Configuration Manager Client

- Overview of the Configuration Manager Client
- Deploying the Configuration Manager Client
- Managing Client Agents
- Configuring and Monitoring Client Status

## Lab : Deploying the Configuration Manager Client

- Preparing the Site for Client Installation
- Deploying the Configuration Manager Client by Using Client Push Installation
- Deploying the Configuration Manager Client by Using Group Policy (Optional)

## Lab : Managing Client Settings

- Configuring Client Settings

## Lab : Configuring and Monitoring Client Status

- Configuring and Monitoring Client Communication and Health Status

## Managing Inventory and Software Metering

- Overview of Inventory Collection
- Configuring Hardware Inventory
- Configuring Software Inventory
- Managing Inventory Collection
- Configuring Asset Intelligence
- Configuring Software Metering

## Lab : Configuring and Managing Inventory Collection

- Configuring Hardware Inventory
- Configuring Software Inventory

## Lab : Configuring and Managing Asset Intelligence

- Preparing the Site for Asset Intelligence
- Configuring Asset Intelligence
- Customizing Asset Intelligence

- Viewing Asset Intelligence Reports

## Lab : Configuring Software Metering

- Configuring Software Metering

## Querying and Reporting Data

- Introduction to Queries
- Managing Queries
- Configuring SQL Server Reporting Services

## Lab : Creating and Running Queries

- Creating Data Queries
- Creating Subselect Queries
- Creating Status Message Queries

## Lab : Configuring Reporting

- Configuring a Reporting Services Point

## Managing Software Deployments by Using Packages and Programs

- Configuring Software Distribution
- Configuring Packages and Programs
- Distributing Content to Distribution Points
- Deploying Programs to Configuration Manager Clients

## Lab : Managing Software Deployment by Using Packages and Programs

- Preparing the Infrastructure for Software Deployment
- Creating a Package and Configuring Programs
- Distributing Content to a Distribution Point
- Deploying a Program to Configuration Manager Clients

## Creating and Deploying Applications

- This module explains how to create and deploy applications by using the System Center 2012 Configuration Manager application model.



# Administering System Center 2012 Configuration Manager

Course ID#: 1410-650-12-W

35 Hrs.

- Overview of Application Management
- Creating Applications
- Deploying Applications
- Configuring the Application Catalog

## Lab : Creating and Deploying an Application

- Creating and Deploying a Required Application
- Creating and Deploying an Available Application

## Lab : Deploying Applications from the Application Catalog

- Installing and Configuring the Application Catalog
- Creating and Deploying Applications to the Application Catalog
- Installing Applications from the Application Catalog

## Managing Application Deployment

- Configuring Requirements and Dependencies for Deployment Types
- Configuring Multiple Deployment Types and User Device Affinity
- Managing Applications

## Lab : Advanced Application Deployment

- Configuring User Device Affinity
- Creating Applications with Requirements
- Deploying Required Applications to Users
- Creating an Application with Multiple Deployment Types

## Lab : Managing Application Supersedence and Removal

- Using Application Supersedence
- Uninstalling the Excel Viewer Application

## Deploying and Managing Software Updates

- Overview of Software Updates
- Preparing the Configuration Manager Site for Software Updates
- Managing Software Updates
- Configuring Automatic Deployment Rules
- Monitoring and Troubleshooting Software Updates

## Lab : Configuring the Site for Software Updates

- Configuring and Synchronizing the Software Update Point

## Lab : Deploying and Managing Software Updates

- Determining Software Update Compliance
- Deploying Software Updates to Clients
- Configuring Automatic Deployment Rules

## Implementing Endpoint Protection in Configuration Manager 2012

- Overview of Endpoint Protection in Configuration Manager
- Configuring and Monitoring Endpoint Protection Policies

## Lab : Implementing Endpoint Protection

- Configuring the Endpoint Protection Point and Client Settings
- Configuring and Deploying Endpoint Protection Policies
- Monitoring Endpoint Protection



# Administering System Center 2012 Configuration Manager

Course ID#: 1410-650-12-W  
35 Hrs.

## Managing Operating System Deployment

- Overview of Operating System Deployment
- Preparing the Site for Operating System Deployment
- Capturing an Operating System Image
- Deploying an Operating System

### Lab : Preparing the Environment for Operating System Deployment

- Managing Site System Roles Used to Support Operating System Deployment
- Managing Packages to Support Operating System Deployment

### Lab : Building and Capturing a Reference Image

- Creating a Build and Capture Task Sequence
- Capturing the Reference Computer

### Lab : Performing an In-Place Upgrade

- Preparing the Operating System Image
- Creating a Task Sequence to Deploy an Image
- Deploying an Image

## Managing Compliance Settings

- Overview of Compliance Settings
- Configuring Compliance Settings
- Viewing Compliance Results

### Lab : Managing Compliance Settings

- Managing Configuration Items and Baselines
- Viewing Compliance Settings Reports
- Configuring Remediation in Compliance Settings
- Using Compliance Information to Create Collections
  
- View compliance results.

## Managing Mobile Devices

- Configuring Mobile Device Management
- Depth Management of Mobile Devices
- Deploying Applications to Mobile Devices

### Lab : Managing Mobile Devices

- Preparing the Infrastructure for Mobile Device Management
- Enrolling a Mobile Device
- Managing Compliance Settings for a Mobile Device
- Deploying an Application to a Mobile Device

## Configuring Wake On LAN, Power Management, and Remote Control

- Configuring Wake On LAN
- Overview of Out of Band Management
- Configuring Power Management Settings
- Configuring Remote Control

### Lab : Configuring Power Management Settings

- Applying a Power Management Plan

### Lab : Configuring Remote Control

- Configuring the Remote Tools Client Settings and Permissions
- Managing Desktops by Using Remote Control