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**Planning and Deploying  
System Center 2012  
Configuration Manager**

**3 DAYS**

Get detailed instruction and hands-on practice planning and deploying Microsoft System Center 2012 R2 Configuration Manager and its associated site systems. This three-day Microsoft Official course is designed for IT Professionals who are responsible for 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. You will learn how to plan for the deployment of the central administration site, one or more primary sites and secondary sites, and all associated site systems. You will also learn how to migrate from System Center 2012 Configuration Manager to System Center 2012 R2 Configuration Manager.

**Module 1: Overview of System Center 2012 R2 Configuration Manager**

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

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**

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

**Module 3: Planning and Configuring Role-Based Administration**

Overview of Role-Based Administration

Identifying IT Roles in Your Organization

Configuring Role-Based Administration

**Module 4: Planning and Deploying a Multiple-Site Hierarchy**

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

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

Introduction to Data Types and Replication

Managing Data Replication

Planning Content Management

## Module 6: Planning Resource Discovery and Client Deployment

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

## Module 7: Configuring Internet and Cloud-Based Client Management

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

## Module 8: Maintaining and Monitoring System Center 2012 Configuration Manager

Overview of Configuration Manager 2012 Site Maintenance

Performing Backup and Recovery of a Configuration Manager Site

Monitoring Configuration Manager 2012 Site Systems

## Module 9: Migrating to System Center 2012 R2 Configuration Manager

Overview of the Migration Process

Preparing Configuration Manager 2007 Sites for Migration

Configuring Migration Settings

Migrating Objects

Upgrading Configuration Manager 2012 to Configuration Manager 2012 with SP1 and then to System Center 2012 R2 Configuration Manager