

SCCM COURSE CONTENT

Overview of System Center 2016 Configuration Manager

- ✚ Overview of the System Center 2016 Family of Products
- ✚ Benefits of Implementing System Center (SCCM 2016)
- ✚ Overview of the Configuration Manager(SCCM 2016) Hierarchy
- ✚ What Is a Central /Primary / Secondary Site?
- ✚ Configuration Manager Site System Roles
- ✚ How Data Flows and Replicates in a Hierarchy
- ✚ Monitoring Site and Component Status
- ✚ Planning a System Center (SCCM 2016) Stand-Alone Primary Site

Managing Operating System Deployment

- ✚ Overview of Operating System Deployment /Prerequisites for the Operating System Deployment
- ✚ Configure DHCP Server as a prerequisite for Operating System Deployment
- ✚ Preparing the Site for Operating System Deployment
- ✚ Capturing a Reference Computer Operating System Image
- ✚ Creating Operating System Task Sequence to Deploy an Image
- ✚ Deploying an Operating System
- ✚ Viewing Log files, Monitoring and Troubleshooting Windows Operating System Deployment

Managing the Configuration Manager Client

- ✚ Overview of Client Push method, Site wide/Software Update Point/Group Policy/Manual/Logon Script/OSD
- ✚ Preparing the Site for Client Installation
- ✚ Configuring sccm client deployment methods
- ✚ Configuring User and Device Policies for sccm client deployment
- ✚ Deploying Configuration Manager Clients
- ✚ Configuring and Monitoring Client Installation Process and Status

Managing Inventory and Software Metering

- ✚ Configuring Asset Intelligence
- ✚ Configuring Hardware Inventory
- ✚ Configuring Software Inventory
- ✚ Configure and manage hardware and software inventory, monitor inventory data flow
- ✚ Overview, Benefit and Configuring of software metering.
- ✚ Lab : Configuring and Managing Inventory Collection

Querying and Reporting Data

- ✚ Preparing site to run queries and reports by using SQL Server Reporting Services.
- ✚ Introduction and Managing Queries
- ✚ Configuring SQL Server Reporting Services
- ✚ Introduction to SCCM and Web portal reports
- ✚ Overview to SQL Management Studio tables and view data
- ✚ Creating custom reports by joining multiple SQL Data Tables using SQL Management Studio and SQL Report Builder

Managing Software Deployments by Using Application and Package Model

- ✚ Introduction to Applications and Packages models
- ✚ Configuring Software Distribution / Software Distribution Concepts
- ✚ Creating and deploying Application with approval flow concepts, detection method and deployment requirement
- ✚ Distributing Content to Distribution Points
- ✚ Deploying an Application to a User or a Device
- ✚ What Is Software Center?
- ✚ Configuring the Application Catalog
- ✚ Configuring Packages and Programs

- ✚ Managing Application Deployment
- ✚ Viewing Log files, Monitoring and Troubleshooting application deployment

Overview of Configuration Manager 2016 Site Maintenance

- ✚ Performing Backup and Recovery of a Configuration Manager 2016 Site
- ✚ Monitoring Configuration Manager 2016 Site Systems

Deploying and Managing Software Updates

- ✚ Overview of Software Updates /Prerequisites for the Software Updates Feature
- ✚ Preparing the Configuration Manager Site for Software Updates
- ✚ Configuring Software Update types product classifications
- ✚ Synchronizing the Software Update Catalog Metadata with Microsoft Update Server
- ✚ Creating Software Update Groups and Deployment Packages
- ✚ Deploying and Managing Software Updates
- ✚ Configuring Automatic Deployment Rules
- ✚ Software Updates Reports
- ✚ Viewing Log files, Monitoring and Troubleshooting Software Updates

Discovering and Organizing Resources

- ✚ Overview of Discovery Methods
- ✚ Active Directory® Discovery Methods/Network Discovery/Heartbeat Discovery?
- ✚ Configuring (Forest, Groups, System, Users) discovery methods
- ✚ Configuring boundaries and boundary groups
- ✚ Configuring client assignments
- ✚ Overview and Managing user and device collections
- ✚ Create device and user collection with direct, query based membership rules

- ✚ Overview and Configuring Role-Based Administration

System Center 2016 Primary Site Deployment

- ✚ Exploring the Configuration Manager Console with all prerequisites
- ✚ Extending the Active Directory Schema
- ✚ Installing and Configuring SQL Database Server
- ✚ Configuring Network Firewall Settings
- ✚ Installing a Configuration Manager (SCCM 2016) Site Server
- ✚ Exploring the Configuration Manager Console
- ✚ Searching in the Configuration Manager Console
- ✚ Monitoring and Troubleshooting a Configuration Manager Site
- ✚ Reviewing Log Files by Using Configuration Manager Trace Log Tool

Managing Compliance Settings and profiles

- ✚ Overview of Compliance Settings
- ✚ Creating Configuration Item and Compliance Baseline for devices
- ✚ Configure compliance detection and remediation method
- ✚ Viewing Compliance Results

Implementing Endpoint Protection by Using System Center 2016

Configuration Manager

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

Configuring Power Management, and Remote Control

- ✚ Configuring Power Management Settings
- ✚ Configuring Remote Control

Mobile Device Management Using System Center 2016 Configuration Manager

- ✚ Overview of Mobile Device Management
- ✚ Managing Mobile Devices by using the Windows Intune Connector

- ✚ Create policies and compliance settings for mobile devices.
- ✚ Enroll mobile devices using Microsoft Company Portal
- ✚ Deploying Application to Mobile Devices

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