



Microsoft SCCM 2016 Training Curriculum

STRUCTURE



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“Become a skilled Microsoft SCCM 2016 professional by joining our comprehensive Training Program at Croma Campus”

About Croma Campus:

Croma Campus Training & Development Private Limited is an education platform since 2010 providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty and industry.

- Hands-On Live Projects
- Simulation Test Papers
- Industry Cases Studies
- 61,640+ Satisfied Learners
- 140+ Training Courses
- 100% Certification Passing Rate
- Live Instructor Classroom / Online Training
- 100% Placement Assistance

Course Objectives:

- Prepare yourself for the certification exam and clear your certification exam in the first attempt mostly.
- Add an attractive credential in your resume that is really appreciated by Companies.
- Improve your overall cloud management skills and explore more job prospects with better salary packages.
- Boost your social media profiles especially LinkedIn by adding this certification and become one of the top persons to be chosen by industries.

Course Description:

This course 20703-1-B identifies how to use Configuration Manager and its associated site systems to efficiently manage network resources. In this course, you will learn day-to-day management tasks, including how to manage applications, client health, hardware and software inventory, operating system deployment, and software updates by using Configuration Manager.

They will learn how to optimize System Center Endpoint Protection, manage compliance, and create management queries and reports. Additionally, this course, in conjunction with Microsoft Official Course 20703-2A, helps certification candidates prepare for Administering System Center Configuration Manager and Cloud Services Integration.

Croma Campus Training Program Deliverables:

- **Session Recordings** - Original Class Room Voice & Video Recording
- **Training Material** - Soft Copy Handbooks
- **Assignments** - Multiple Hands-on Exercises
- **Test Papers** - We provide **Practice Test** as part of our course to help you prepare for the actual certification exam.
- **Live Case Studies**
- **Live Projects** - Hands-on exercises and Project work. You will work on real time industry-oriented projects and assignments for each module to practice.

- **Key focus on Hands-on exercises and Project work.** You will work on real time industry-oriented projects.
- Faculty with more than **10+ Years of Experience** in the Industry.
- **Technical Resume Designing & Job Assistance:** With more than 100+ Clients across the Globe and we help learners to get a good job in their respective field. We also help learners with resume preparation.
- **Interview Q&A**
- **About Croma Campus Training Certificate:** Croma Campus will provide you with an industry-recognized (Certified by **ISO 9001:2015 & E-Cell IIT Jodhpur**) course completion certificate which has lifelong validity.
- **How I Unlock my Croma Campus Certificate:** Attend Complete Batch & Submit at least One Completed Project.

Course Content:

Module 1: Overview of System Center Configuration Manager

- Overview of the System Center Configuration Manager
- Benefits of Implementing System Center Configuration Manager (SCCM)
- Overview of the System Center Configuration Manager (SCCM) 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 Configuration Manager (SCCM) Stand-Alone Primary Site

Module 2: System Center Configuration Manager Primary Site Deployment

- Exploring the System Center Configuration Manager (SCCM) Console with all prerequisites
- Extending the Active Directory Schema
- Installing and Configuring SQL Database Server
- Configuring Network Firewall Settings
- Installing a System Center Configuration Manager (SCCM) 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

Module 3: 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

Module 4: Managing the Configuration Manager Client

- Overview of a 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

Module 5: 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

Module 6: 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 a Software Center?
- Configuring the Application Catalog
- Configuring Packages and Programs
- Managing Application Deployment
- Viewing Log files, Monitoring and Troubleshooting application deployment

Module 7: 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

Module 8: 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 an Operating System Task Sequence to Deploy an Image
- Deploying an Operating System
- Viewing Log files, Monitoring and Troubleshooting Windows Operating System Deployment

Module 9: Implementing Endpoint Protection by Using System Center Configuration Manager (SCCM)

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

Module 10: 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

Module 11: Mobile Device Management Using System Center Configuration Manager (SCCM)

- 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

Module 12: Configuring Power Management, and Remote Control

- Configuring Power Management Settings
- Configuring Remote Control

Module 13: Overview of Configuration Manager Site Maintenance

- Performing Backup and Recovery of a System Center Configuration Manager (SCCM) Site
- Monitoring System Center Configuration Manager (SCCM) Site Systems

Module 14: Addition of a new Secondary Site

- Install a new secondary site
- Assign devices to point to the secondary site using boundary and boundary group
- Deploy applications to devices through secondary site DP

- Viewing Log files, Monitoring and Troubleshooting

Module 15: Miscellaneous Topics

- Maintenance Window Configuration
- Role-Based Administration
- Accessing SCCM console from a different computer
- Resource Explorer
- Windows 10 Servicing Model
- Office 365 Client update deployment
- Upgrade SCCM from old version to new version

Module 16: Placement Guide

- Tips to clear an Interview
- Common Interview questions and answers
- Microsoft SCCM 2016 Interview Questions and Answers
- Resume Building Guide
- Attempt for Microsoft SCCM 2016 Global Certification Exam
- Earn Credentials and Start applying for Jobs