



Sanisoft
information technologies

Administering
Microsoft
System Center
Configuration
Manager and
Cloud Services
Integration

OVERVIEW

This course provides students with the knowledge and skills that are required to use Configuration Manager and its associated site systems to efficiently manage network resources 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. You also will learn how to optimize System Center Endpoint Protection, manage compliance, and create management queries and reports, integration of various online cloud services with Microsoft System Center Configuration Manager. This course covers integration with online services such as Microsoft Store for Business, Microsoft Office 365, and Microsoft Azure. It also describes how to manage mobile devices by using methods such as on-premises mobile device management and Exchange Server integration.

Duration: 40 Hrs

Prerequisites:

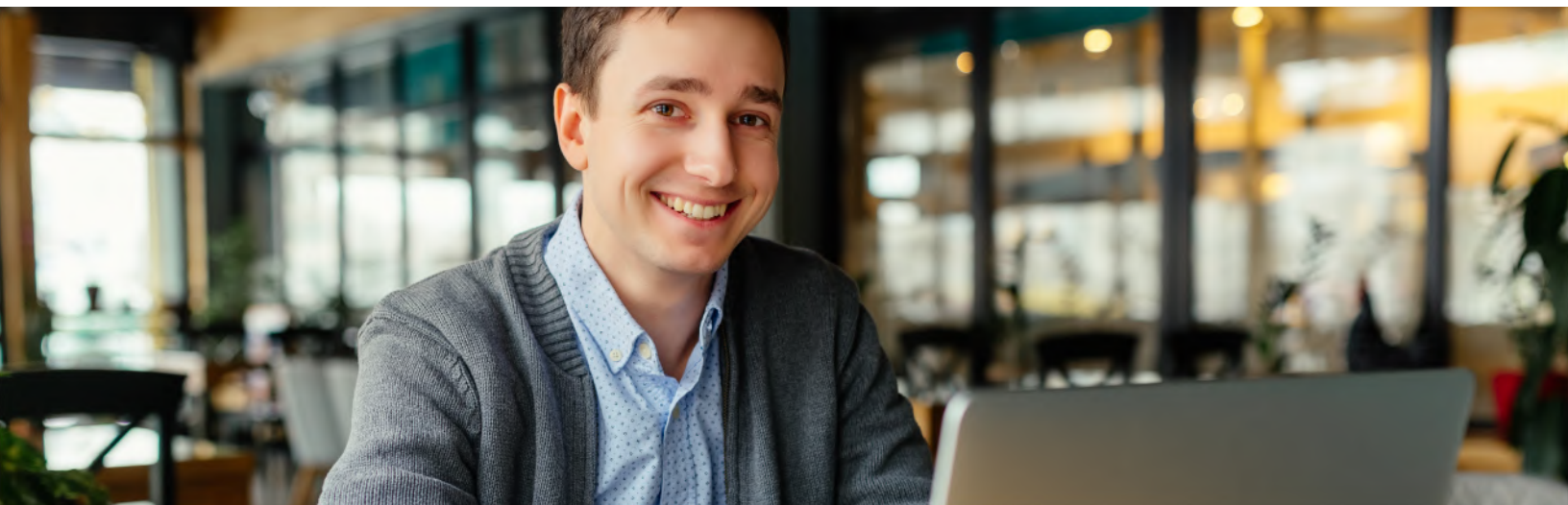
- Networking fundamentals, including common networking protocols, topologies, hardware, media, routing, switching, and addressing.
- Active Directory Domain Services (AD DS) principles and fundamentals of AD DS management.
- Installation, configuration, and troubleshooting for Windows-based personal computers.
- Basic concepts of public key infrastructure (PKI) security.
- Basic understanding of scripting and Windows PowerShell syntax.
- Basic understanding of Windows Server roles and services.
- Basic understanding of the configuration options for iOS, Android, and Windows Mobile device platforms.

Course Exam:

Code	Name	Duration
70-703	Administering Microsoft System Center Configuration Manager and Cloud Services Integration	40 Hrs

Course Outline Administering System Center Configuration Manager (20703-1A)

- Module 1: Managing computers and mobile devices in the enterprise
- Module 2: Analyzing data using queries and reports
- Module 3: Preparing the management infrastructure to support PCs and mobile devices
- Module 4: Deploying and managing clients
- Module 5: Managing inventory for PCs and applications
- Module 6: Distributing and managing content used for deployments
- Module 7: Deploying and managing applications
- Module 8: Maintaining software updates for managed PCs
- Module 9: Implementing Endpoint Protection for managed PCs
- Module 10: Managing compliance and secure data access
- Module 11: Managing operating system deployment
- Module 12: Managing and maintaining a Configuration Manager site



Course Objectives

- Describe the features Configuration Manager and Intune include, and explain how you can use these features to manage PCs and mobile devices in an enterprise environment.
- Analyze data by using queries and reports.
- Prepare a management infrastructure, including configuring boundaries, boundary groups, and resource discovery, and integrating mobile-device management with Microsoft Exchange Server.
- Deploy and manage the Configuration Manager client.
Configure, manage, and monitor hardware and software inventory, and use Asset Intelligence and software metering.
- Identify and configure the most appropriate method to distribute and manage content used for deployments.
- Distribute, deploy, and monitor applications for managed users and systems.
- Maintain software updates for PCs that Configuration Manager manages.
- Implement Endpoint Protection for managed PCs.
- Manage configuration items, baselines, and profiles to assess and configure compliance settings and data access for users and devices.
- Configure an operating-system deployment strategy by using Configuration Manager.
- Manage and maintain a Configuration Manager site.

Integrating Cloud Services with System Center Configuration Manager (20703-2B)

- Module 1: Extending the Configuration Manager infrastructure to support internet-based and mobile devices
- Module 2: Managing clients on the internet
- Module 3: Managing Microsoft Store for Business apps by using Configuration Manager
- Module 4: Managing Office 365 apps by using Configuration Manager
- Module 5: Mobile device management by using Configuration Manager
- Module 6: On-premises mobile device management using Configuration Manager

Course Objectives

- Describe the challenges in managing a mobile and internet-based workforce and how Configuration Manager integrated with mobile device management and cloud services solutions can address these challenges.
- Describe and configure methods used to manage client devices that are located outside of the corporate network and connected to the internet.
- Deploy and manage Microsoft Store for Business apps by using Configuration Manager.
- Deploy and manage Office 365 apps by using Configuration Manager.
- Manage mobile devices by using Configuration Manager.
- Describe and configure on-premises mobile device management using Configuration Manager.

Targeted Audience

This Course Is Designed For:

This course is for experienced information technology (IT) professionals, typically described as Enterprise Desktop Administrators (EDAs). These EDAs deploy, manage, and maintain PCs, devices, and applications across medium, large, and enterprise organizations. A significant portion of this audience uses, or intends to use, the latest release of Configuration Manager to manage and deploy PCs, devices, and applications.



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