



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

---

**You can reach us at:**

9201 Dry Creek Rd. Centennial, CO 80112, United States

Email: [arrow\\_learning@arrow.com](mailto:arrow_learning@arrow.com)  
Phone: 303 790 2330



# Administering System Center Configuration Manager

<b>CODE:</b>	<b>LENGTH:</b>	<b>PRICE:</b>
MS-20703 - 1	5 days	\$2,975.00

## Description

Students 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.

## Objectives

After completing this course, students will be able to:

- 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.

## Audience

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.

## Prerequisites

20697-1 Implementing and Managing Windows 10 20697-2 Deploying and Managing Windows 10 Using Enterprise Services

## Programme

1 - Managing computers and mobile devices in the enterprise

Overview of systems management by using enterprise management solutions

Overview of the Configuration Manager architecture

Overview of the Configuration Manager administrative tools

Tools for monitoring and troubleshooting a Configuration Manager site

Lab : Exploring the Configuration Manager tools

2 - Analyzing data using queries and reports

Introduction to queries

Configuring Microsoft SQL Server Reporting Services (SSRS)

Lab : Creating and running queriesConfiguring boundaries and resource discovery

Lab : Configuring SSRS

3 - Preparing the management infrastructure to support PCs and mobile devices  
 Configuring site boundaries and boundary groups  
 Configuring resource discovery  
 Configuring the Exchange Server Connector for mobile device management  
 Configuring user and device collections  
 Lab : Configuring boundaries and resource discovery  
 Lab : Configuring user and device collections

4 - Deploying and managing clients  
 Overview of the Configuration Manager client  
 Deploying the Configuration Manager client  
 Configuring and monitoring client status  
 Managing client settings in Configuration Manager  
 Lab : Deploying the Microsoft System Center Configuration Manager client software  
 Lab : Configuring and monitoring client status  
 Lab : Managing client settings

5 - Managing inventory for PCs and applications  
 Overview of inventory collection  
 Configuring hardware and software inventory  
 Managing inventory collection  
 Configuring software metering  
 Configuring and managing Asset Intelligence      6 - Distributing and managing content used for deployments  
 Lab : Configuring and managing inventory collection      Preparing the infrastructure for content management  
 Lab : Configuring software metering      Distributing and managing content on distribution points  
 Lab : Configuring and managing Asset Intelligence      Lab : Distributing and managing content for deployments

7 - Deploying and managing applications  
 Overview of application management  
 Creating applications  
 Deploying applications  
 Managing applications  
 Deploying virtual applications by using System Center Configuration Manager (Optional)  
 Deploying and managing Windows Store apps  
 Lab : Creating and deploying applications  
 Lab : Managing application supersedence and removal  
 Lab : Deploying virtual applications by using Configuration Manager (Optional)  
 Lab : Using Configuration Manager to deploy Windows Store apps

8 - Maintaining software updates for managed PCs  
 The software updates process  
 Preparing a Configuration Manager site for software updates  
 Managing software updates  
 Configuring automatic deployment rules      9 - Implementing Endpoint Protection for managed PCs  
 Monitoring and troubleshooting software updates      Overview of Endpoint Protection in Configuration Manager  
 Lab : Configuring the site for software updates      Configuring, deploying, and monitoring Endpoint Protection policies  
 Lab : Deploying and managing software updates      Lab : Implementing Microsoft System Center Endpoint Protection

10 - Managing compliance and secure data access      11 - Managing operating system deployment  
 An overview of operating system deployment  
 Overview of Compliance Settings      Preparing a site for operating system deployment  
 Configuring compliance settings      Deploying an operating system  
 Viewing compliance results      Managing Windows as a service  
 Managing resource and data access      Lab : Preparing the site for operating -system deployment  
 Lab : Managing compliance settings      Lab : Deploying operating -system images for bare-metal installations

12 - Managing and maintaining a Configuration Manager site  
 Configuring role-based administration  
 Configuring Remote Tools  
 Overview of Configuration Manager site maintenance  
 Backing up and recovering a Configuration Manager site  
 Lab : Configuring role-based administration  
 Lab : Configuring Remote Tools  
 Lab : Maintaining a Configuration Manager site

## Session Dates

On request. Please [contact us](#)

## Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)