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Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Microsoft

Administering System Center Configuration Manager

CODE: **LENGTH:** **PRICE:**

MS-20703 - 1   40 Hours (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
                                                                                11 - Managing operating system deployment
10 - Managing compliance and secure data access   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.