

M55348B : Administering Microsoft Configuration Manager

Course Outline

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

2 - Analyzing data using queries, reports, and CMPivot

- Introduction to queries
- Configuring SQL Server Reporting Services
- Analyzing the real-time state of a device by using CMPivot

3 - Preparing the Configuration Manager management infrastructure

- Configuring site boundaries and boundary groups
- Configuring resource discovery
- Organizing resources using device and user collections

4 - Deploying and managing the Configuration Manager client

- Overview of the Configuration Manager client
- Deploying the Configuration Manager client
- Configuring and monitoring client status
- Managing client settings and performing management operations

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

- Preparing the infrastructure for content management
- Distributing and managing content on distribution points

7 - Deploying and managing applications

- Overview of application management
- Creating applications
- Deploying applications
- Managing applications
- Deploying and managing Windows 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
- Monitoring and troubleshooting software updates
- Enabling third-party updates

9 - Implementing Defender Protection for managed PCs

- Overview of Endpoint Protection in Configuration Manager
- Configuring, deploying, and monitoring Endpoint Protection policies
- Configuring and deploying advanced threat policies

10 - Managing compliance and secure data access

- Overview of Compliance Settings
- Configuring compliance settings
- Viewing compliance results
- Managing resource and data access

11 - Managing operating system deployment

- An overview of operating system deployment
- Preparing a site for operating system deployment
- Deploying an operating system
- Managing Windows as a service

12 - Managing and maintaining a Configuration Manager site

- Configuring role-based administration
- Configuring Remote Tools
- Overview of Configuration Manager site maintenance and Management Insights
- Backing up and recovering a Configuration Manager site
- Updating the Configuration Manager infrastructure

13 - What's new in Microsoft Endpoint Configuration Manager

- What's new in Microsoft Endpoint Manager covering each semi-annual release