55348: Administering Microsoft Endpoint Configuration Manager

Category: Infrastructure & IT Operations | **Vendor:** Microsoft

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This five-day course describes how to use Configuration Manager and its associated site systems to efficiently manage network resources. In this five-day 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. You also will learn how to optimize Endpoint Protection, manage compliance, and create management queries and reports. Although this course and the associated labs are written for Microsoft Endpoint Configuration Manager and Windows 11, the skills taught will also be backwards compatible with previous editions of System Center Configuration Manager and Windows 10.

About This Course

This five-day course describes how to use Configuration Manager and its associated site systems to efficiently manage network resources. In this five-day 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. You also will learn how to optimize Endpoint Protection, manage compliance, and create management queries and reports. Although this course and the associated labs are written for Microsoft Endpoint Configuration Manager and Windows 11, the skills taught will also be backwards compatible with previous editions of System Center Configuration Manager and Windows 10.

Who Should Attend

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 & Entry Requirements

General 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 and Android Mobile device platforms.

Learning Outcomes

Upon successful completion of this course, participants 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 Intune. 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. Configure an operating-system deployment strategy by using Configuration Manager. Manage and maintain a Configuration Manager site.

Detailed 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 - Whats new in Microsoft Endpoint Configuration Manager

- Whats new in Microsoft Endpoint Manager covering each semi annual release

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Upcoming Schedule

Available training dates for 55348: Administering Microsoft Endpoint Configuration Manager:

Start Date	End Date	Location	Delivery	Price
30 Nov 2026	04 Dec 2026	Online	Virtual	€2,995.00

Additional Course Details

Nexus Humans 55348 Administering Microsoft Endpoint Configuration Manager training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the 55348 Administering Microsoft Endpoint Configuration Manager course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for 55348: Administering Microsoft Endpoint Configuration Manager?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 5-day 55348: Administering Microsoft Endpoint Configuration Manager course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the 55348: Administering Microsoft Endpoint Configuration Manager training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for 55348: Administering Microsoft Endpoint Configuration Manager?

Yes, we provide corporate training, dedicated training, and closed classes for 55348: Administering Microsoft Endpoint Configuration Manager. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for 55348: Administering Microsoft Endpoint Configuration Manager?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your 55348: Administering Microsoft Endpoint Configuration Manager training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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