Training: Microsoft

MD-102T00: Manage and secure Microsoft 365 endpoints by using Intune

Microsoft Partner

TRAINING GOALS:

In this course, students learn to plan and execute an endpoint deployment, configuration, and management strategy using Microsoft Intune as the unified endpoint management platform. The course covers preparing identity and device infrastructure with Microsoft Entra ID, enrolling and configuring devices, managing applications, and protecting endpoints and data. Students also explore automation with PowerShell and Microsoft Graph, AI-assisted management with Microsoft Security Copilot, the extended capabilities of the Microsoft Intune Suite, and the delivery of cloud-hosted desktops with Windows 365 and Azure Virtual Desktop.

Audience Profile:
As an endpoint administrator, you collaborate with architects, Microsoft 365 administrators, security administrators, and other workload administrators to plan and implement a modern workplace strategy that meets the business needs of an organization.

CONSPECT:

- Prepare infrastructure for devices using Microsoft Intune and Microsoft Entra ID
  - Module 1: Understand endpoint management strategies and Microsoft Intune
  - Module 2: Configure Microsoft Entra ID for device and policy management
  - Module 3: Administer device identity and authentication using Microsoft Entra ID
  - Module 4: Plan and implement device enrollment using Microsoft Intune
  - Module 5: Deploy Windows devices using Windows Autopilot
- Manage and maintain devices using Microsoft Intune
  - Module 1: Configure device profiles and policy management using Microsoft Intune
  - Module 2: Monitor and maintain devices using Microsoft Intune
  - Module 3: Manage Windows updates using Microsoft Intune
  - Module 4: Troubleshoot devices and policies using Microsoft Intune
- Manage applications using Microsoft Intune
  - Module 1: Deploy and manage applications using Microsoft Intune
  - Module 2: Implement application protection and security using Microsoft Intune
  - Module 3: Configure app configuration policies using Microsoft Intune

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- Module 4: Manage Microsoft 365 Apps for enterprise using Intune
- Module 5: Use the Enterprise App Catalog with Microsoft Intune

- Protect devices using Microsoft Intune
  - Module 1: Implement endpoint security with Microsoft Defender and Microsoft Intune
  - Module 2: Implement device encryption and security policies using Microsoft Intune
  - Module 3: Implement compliance policies and Conditional Access using Microsoft Intune
  - Module 4: Implement attack surface reduction and endpoint detection and response
  - Module 5: Deploy Microsoft Tunnel for mobile application management
  - Module 6: Issue and manage certificates using Microsoft Cloud PKI
- Automate and optimize endpoint management using Microsoft Intune
  - Module 1: Automate endpoint management using PowerShell and Microsoft Graph
  - Module 2: Optimize device management using AI and Copilot tools
  - Module 3: Manage endpoint performance using Endpoint Analytics
- Support operational excellence and readiness using Microsoft Intune
  - Module 1: Implement reporting and data visibility using Microsoft Intune
  - Module 2: Apply RBAC and admin delegation in Microsoft Intune
  - Module 3: Maintain tenant health and operational readiness
- Extend endpoint capabilities using Microsoft Intune Suite
  - Module 1: Explore Microsoft Intune Suite capabilities
  - Module 2: Implement Remote Help scenarios using Microsoft Intune
  - Module 3: Analyze advanced device signals with Microsoft Intune Suite
  - Module 4: Implement Endpoint Privilege Management using Microsoft Intune
- Deliver cloud-hosted desktops using Azure Virtual Desktop and Windows 365
  - Module 1: Explore Windows 365 for cloud PC deployment
  - Module 2: Configure and manage Windows 365 with Microsoft Intune
  - Module 3: Plan and deploy Azure Virtual Desktop
  - Module 4: Manage Azure Virtual Desktop with Microsoft Intune

REQUIREMENTS:

Basic understanding of Microsoft 365 administration concepts. Familiarity with Microsoft Entra ID and user/group management.

Difficulty level



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CERTIFICATE:

The participants will obtain certificates signed by Microsoft (course completion).

This course will help prepare you for the **Microsoft 365 Certified: Endpoint Administrator Associate** certification exam (Exam MD-102), which is available through the Pearson VUE test centers.

TRAINER:

Microsoft Certified Trainer (MCT)

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