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Topic

MD-102: Endpoint Administrator Syllabus

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1. Prepare Infrastructure for Devices (25–30%)

1.1 Add Devices to Microsoft Entra ID

- **Choose an appropriate device join type**
- **Join devices** to Microsoft Entra ID
- **Register devices** to Microsoft Entra ID

1.2 Plan and Implement Groups for Devices in Microsoft Entra ID

1.3 Enrol Devices to Microsoft Intune

- **Configure enrolment settings**
- **Configure automatic enrolment** for Windows and bulk enrolment for iOS and Android
- **Configure enrolment profiles** for Android devices (fully managed, dedicated, corporate-owned, and work profile)

1.4 Implement Identity and Compliance

- **Manage roles** in Intune
- **Implement compliance policies** for all supported device platforms by using Intune
- **Implement Conditional Access policies** requiring a compliant device status
- **Configure Windows Hello for Business**
- **Implement and manage LAPS** (Local Administrator Password Solution) for Microsoft Entra ID
- **Manage the membership of local groups** on Windows devices by using Intune

2. Manage and Maintain Devices (30–35%)

2.1 Deploy and Upgrade Windows Clients by Using Cloud-Based Tools

- **Choose between Windows Autopilot and provisioning packages**
- **Choose a Windows Autopilot deployment mode**
- **Apply a device name template**
- **Implement Windows client deployment** using Windows Autopilot
- **Create an Enrolment Status Page (ESP)**

2.2 Plan and Implement Provisioning Packages

2.3 Plan and Implement Device Upgrades for Windows 11

2.4 Implement a Windows 365 Cloud PC Deployment

2.5 Plan and Implement Device Configuration Profiles

- **Create device configuration profiles** for Windows devices (including importing ADMX files)
- **Create device configuration profiles** for Android devices
- **Create device configuration profiles** for iOS devices
- **Create device configuration profiles** for macOS devices
- **Create device configuration profiles** for Enterprise multi-session devices
- **Target a profile** by using filters

2.6 Implement Intune Suite Add-On Capabilities

- **Configure Endpoint Privilege Management**
- **Manage applications** by using the Enterprise App Catalogue
- **Implement Microsoft Intune Advanced Analytics**
- **Configure Microsoft Intune Remote Help**
- **Identify use cases** for Cloud PKI
- **Implement Microsoft Tunnel for MAM**

2.7 Perform Remote Actions on Devices

- **Sync, restart, retire, or wipe devices**
- **Perform bulk remote actions**
- **Update Windows Defender security intelligence**
- **Rotate BitLocker recovery keys**
- **Run a device query** by using KQL

3. Manage Applications (15–20%)

3.1 Deploy and Update Apps

- **Prepare applications** for deployment by using Intune
- **Deploy apps** by using Intune
- **Deploy Microsoft 365 Apps** by using Intune
- **Configure policies** for Office apps
- **Deploy Microsoft 365 Apps** as part of a Windows Autopilot deployment using the Microsoft Office Deployment Tool (ODT) or Office Customisation Tool (OCT)
- **Manage Microsoft 365 Apps** using the Microsoft 365 Apps admin centre
- **Deploy apps** from platform-specific app stores by using Intune

3.2 Plan and Implement App Protection and App Configuration Policies

- **Plan and implement app protection policies**
- **Implement Conditional Access** policies for app protection policies
- **Plan and implement app configuration policies** for managed apps and devices

4. Protect Devices (15–20%)

4.1 Configure Endpoint Security

- **Create antivirus policies**
- **Create disk encryption policies**
- **Create firewall policies**

- **Configure Attack Surface Reduction policies**
- **Plan and implement security baselines**
- **Integrate Intune** with Microsoft Defender for Endpoint
- **Onboard devices** into Microsoft Defender for Endpoint

4.2 Manage Device Updates by Using Intune

- **Plan for device updates**
- **Create and manage update rings** by using Intune
- **Create and manage update policies** by using Intune (including iOS and macOS)
- **Manage Android updates** by using configuration profiles or FOTA (firmware-over-the-air) deployments
- **Configure Windows client delivery optimization** by using Intune
- **Monitor updates**

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