Filename: microsoft-ms101-1-1-2-plan-for-mdm-planning-infrastructure-requirements
ShowName: Microsoft 365 Mobility and Security
SubTitle: Exam MS-101
Topic: Implement Mobile Device Management (MDM)
EpisodeName: Plan for MDM - Planning Infrastructure Requirements
Description: Adam and Wes discuss the infrastructure requirements necessary to deploy an MDM using Microsoft 365 and Intune.

Plan for MDM - Planning Infrastructure Requirements

Implement Modern Device Services (30-35%)

Implement Mobile Device Management (MDM)
• Plan for MDM
• Configure MDM integration with Azure AD
• Set an MDM authority
• Set device enrollment limit for users

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Plan for MDM - Planning Infrastructure Requirements

NOTE: At a minimum Microsoft recommends that devices stay connected to the internet AT LEAST 1 hour a day to allow for policy changes, updates and malware definitions to be checked.

Network endpoints for Microsoft Intune:
https://docs.microsoft.com/en-us/intune/intune-endpoints

Intune network configuration requirements and bandwidth:
https://docs.microsoft.com/en-us/intune/network-bandwidth-use

Delivery Optimization for Windows 10 updates:
https://docs.microsoft.com/en-us/windows/deployment//update/waas-delivery-optimization

NOTE THIS:

You can use Group Policy or an MDM solution like Intune to configure Delivery Optimization.

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• You will find the Delivery Optimization settings in Group Policy under Computer Configuration\Administrative Templates\Windows Components\Delivery Optimization

• Starting with Microsoft Intune version 1902, you can set many Delivery Optimization policies as a profile which you can then apply to groups of devices.

• Starting with Windows 10, version 1903, you can use the Azure Active Directory (AAD) Tenant ID as a means to define groups. To do this set the value for DOGroupIdSource to its new maximum value of 5.
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Device Policies:

You have to be aware of the potential impacts of policy conflicts and how to control their impacts. 2 major things to be aware of:

1. Intune Policy capability called ControlPolicyConflict | MUST HAVE WINDOWS 10 1803 or LATER | ensures that the Intune MDM policy will ALWAYS WIN if conflicted with Group Policy.

OMA-URI setting:
./Device/Vendor/MSFT/Policy/Config/ControlPolicyConflicts/MDMWindowsOverGP

2. MDM Migration Analysis Tool (MMAT):
   https://github.com/WindowsDeviceManagement/MMAT