Filename: microsoft-ms101-4-2-2-plan-appropriate-win10-enterprise-deployment-method-consider
ShowName: Microsoft 365 Mobility and Security
SubTitle: Exam MS-101
Topic: Plan Windows 10 Deployment
EpisodeName: Plan Appropriate Win10 Enterprise Deployment Method - Consider
Description: Adam and Wes discuss what you need to consider to successfully plan
for the appropriate Windows 10 enterprise deployment method.

Plan Appropriate Win10 Enterprise Deployment Method - Consider

Implement Modern Device Services (30-35%)

Plan Windows 10 Deployment
• Plan for Windows as a Service (WaaS)
• Plan the Appropriate Windows 10 Enterprise Deployment Method
• Analyze Upgrade Readiness for Windows 10
• Evaluate & Deploy Additional Windows 10 Enterprise Security Features

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Plan Appropriate Win10 Enterprise Deployment Method - Consider

Additional items to consider:

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• Compatibility of hardware and drivers

• Legacy BIOS to UEFI - Master Boot Record to GUID Partition Table Tool (MBR2GPT)
https://docs.microsoft.com/en-us/windows/deployment/mbr-to-gpt

• Disk Encryption - Bitlocker is supported natively; third-party encryption is
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vendor specific with regards to the upgrade process

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• Language Packs - System default user language will be maintained during
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in-place upgrade; additional language packs installed will need to be
reinstalled after the upgrade

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• 32-bit to 64-bit - NOT SUPPORTED BY IN-PLACE UPGRADE !!! must use EITHER
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refresh or replace deployment methods instead

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• Windows To Go - NOT SUPPORTED WITH EARLIER VERSIONS OF THE OS (pre-Win10);
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Once on Win10, feature updates can be installed

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• Existing Images - CANNOT USE EARLIER OS IMAGES AS STARTING POINT TO
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CREATE & CAPTURE AN UPGRADED IMAGE !!; New images only !!!; Could use offline
servicing as an option, which relies on Deployment Image Servicing & Management
(DISM) to mount your image to a temporary location, install apps, drivers,
languages, and more, and then commit the changes so they can be applied to new
devices; DISM works from an elevated command-line or from PowerShell, which
makes it easier to automate your changes with scripts

Modify a Windows image:
https://docs.microsoft.com/en-us/windows-hardware/manufacture/desktop/modify-an-image

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• Dual-Boot - NOT SUPPORTED !!!
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