

Windows and Linux Patching

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Where we were, where we are now

- Standalone
 - Vessel IT staff did everything – pulled from internet resources
 - LOTS OF WORK to maintain proper compliance
- Enterprise Integrated
 - Standard images, patches, system roles flow down from the enterprise
 - Systems start fully compliant but extra work post deployment to get systems fully functional in vessel environment



Windows Systems and Servers

- Microsoft Endpoint Configuration Manager (MECM)
 - Imaging – PXE or ISO
 - Microsoft Updates
 - Windows Defender Updates
 - Device Drivers
- PatchMyPC
 - Publishes MECM packages of 3rd party applications
 - Very quick to add new applications (sometimes in one day)

<https://learn.microsoft.com/en-us/mem/configmgr/>
<https://patchmypc.com/>



Linux Systems and Servers

- Foreman/Katello/Ansible
 - System Provisioning, Management, Monitoring (Foreman)
 - PXE, boot images
 - Patch Management (Katello)
 - Roles, Functions (Ansible)