Windows Administrators Meeting
October 10, 2014
Notes (by Darin Dugan)

Meeting Started (9:00)

Office 365 ProPlus licensing changes

- Rights to install/use Office on five computers and tablets, including mobile apps for iPad and Android
- Students have been manually licensed since last January; faculty/staff could purchase through TechCYte
- Students can now self-enroll via www.office.com/getoffice365
- Faculty and staff will also be licensed at no cost and able to self-enroll starting December 1
- We may continue to manually assign licenses to eliminate the need for self-enrollment

Project Online

- Have Project Server within CyPoint, but it requires CALs
- Project Online within SharePoint Online is now available at no cost
- Will phase out on-premise Project Server in favor of Project Online
- Look for the ‘Projects’ link in the Office 365 nav bar
- (https://iowastate.sharepoint.com/sites/pwa/)

Microsoft IT Academy

- ~1500 courses on Microsoft products -- Office apps, SQL server, Windows client, etc
- Office 365 (Azure AD) authentication, but otherwise not tightly integrated
- Must use an enrollment code on first logon to associate with our ITA instance
- Link coming shortly…

Zoom.us license

- Campus license for the Zoom conferencing service
  - https://iastate.zoom.us/
  - “Basic” license assigned on login - max 40 minute meeting with 25 participants
  - 500 “Pro” licenses available first come, first served - no time limit
Zoom Pro License Request at www.it.iastate.edu/forms
- Larger meetings require separate seminar licenses

BitLocker GPO bug

- 'ISU Bitlocker Key Escrow' GPO uses 'Deny write access to fixed drives not protected by BitLocker'
- But secondary fixed drives are made read-only even when BitLocker is disabled
- Open case with Microsoft, but expect it will result in a documentation fix not functionality change
- Workaround is to only apply the policy just prior to enabling BitLocker…once encrypted no problem
We need additional BitLocker information in the IT Handbook…

Finding a recovery password

Forcing key escrow

- Key escrow to AD requires the policy be applied prior to enabling BitLocker
  - If the system prompts to save or print the recovery key it was NOT escrowed – no prompt if escrowed
- Can escrow to AD after the fact using PowerShell (Backup-BitLockerKeyProtector)
  - No harm in running this again if already escrowed
  - Will create SCCM package to trigger escrow
  - Will provide full PowerShell script example with Handbook documentation

- How to handle systems without a TPM, including dual-boot Macs?
  - Filevault will not encrypt separate partitions

Bang user phase out

- Just under 2800 bang users in AD
- No new bang users after January 1, 2015
- All existing bang users eliminated by summer, 2015
- Discussion of need for a “service” category for sponsored accounts…

Possibly without services such as Exchange, VPN, CyFiles, etc
Possibly with a much more stringent password policy
Possibly with regular review like sponsored accounts, but not suspension/expiration

Open discussion

Discussion of physically failing hard drives

- Encryption may identify some of these as all sectors are accessed
- SMART remapped sector count…when do you decide to replace a drive

During Net-ID suspension or expiration, can we tell someone about a departing user's mailing lists or sponsored accounts to facilitate ownership/sponsorship transfer?

Is there any way to be notified or find out about Net-ID renames? (Related to roaming profile or redirected folder paths needing to be updated.)

Dell OptiPlex network storm issue

- Will check if the fixed driver is available via WSUS

Discussion of IPv6 dual stack...

- Systems with private or NAT IPv4 addresses may still have public IPv6 addresses
- Should we communicate to private or NAT v4 registrants to disable IPv6?
- Lack of or separate firewalling for IPv6…
- Printers in default configuration may have IPv6
  - HP Web JetAdmin can detect these within a given building/subnet

Packages not available via WSUS, such as .NET Framework 3.5 for WS2012/Win8

- WSUS is not a supported source; alternate source path or Windows Update only
Can use group policy to specify an alternate source path or allow machines to connect directly to Windows Update

**Myfiles/storage discussion**
- orgfiles, researchfiles moving to myfiles
- Hoping to migrate majority of OrgFiles to MyFiles end of semester or Spring Break
- What is the future plan for CyFiles?
  - Been meeting with college and department representatives. If you haven't met yet or would like to discuss your storage needs and migration plans, please email storage@iastate.edu and we can put something together.
  - How long will CyFiles be around?
    - To be determined.
  - How much does MyFiles cost?
    - Based on requests we have seen we are evaluating offering it as an upfront cost per terabyte or a monthly cost per gigabyte. Costs are coming out to around $.07/GB/month replicated.
- MyFiles Website Documentation
  - Website documentation on MyFiles is still in the works.

**no CEL for cyfiles outage yesterday afternoon...**
- some uses are highly sensitive to outages
- faculty requests to move away from domain
  (presumably just roaming profile / home directory on cyfiles…?)

**Meeting Adjourned**

Next meeting is scheduled for Nov 14 (provided a sufficient agenda exists).