

## AD Tech Service Team Minutes 9/23/2016, Scott Hall, Room 216

Members: Alan Surette, Billy Beaudoin, Joshua Gira, Derek Ballard, Dustin Duckwall, Fred Eaker, Jeremy Brown (Chair)

Present: Billy Beaudoin, Josh Gira, Jeremy Brown

Absent: Alan Surette, Dustin Duckwall, Fred Eaker

Guests: Michael Underwood, Rob Blanke, Dan Green, Doug Flowers, Tony Radford, Daniel Sink, Joe Wells, Derek Ballard, Robert Holleman

Approval of minutes from 8/19/2016:

<https://docs.google.com/document/d/1efLHu0rf8JqY24eYbTwTjhHc1XJO3snSsopvqn2ml7Y>

Notes from Last Policy Meeting:

[https://drive.google.com/open?id=1jeZilAljFgHpFI0SXHgXMtWo\\_avpXkn4qV3UvWudYto](https://drive.google.com/open?id=1jeZilAljFgHpFI0SXHgXMtWo_avpXkn4qV3UvWudYto)

Voting Items:

- Fred Eaker is stepping down from AD Tech. Leslie Dare has requested Doug Flowers as his replacement. We need to discuss who the candidates for his replacement should be.
  - OU Admins are CITD Representatives. AD Tech can recommend a replacement, but it is officially approved or appointed by CITD. Note that we can also veto a rep if CITD wants to appoint someone who doesn't have the requisite knowledge to be productive.
  - Jeremy needs to email Andy Raynor notifying that Fred is stepping down and needs a voting member replacement.
- Windows 10 Upgrade Deferral Group Policy for early/normal/late groups
  - Copy/Paste from AD Policy
  - **Windows 10 Updates** [R. Blanke] The Patching Service Team is looking to finally roll out Windows 10 build upgrades from SCCM. Short version, SCCM has a new section to handle these upgrades, and we need to get clarification on a few settings regarding timing of deployments. ~~We propose to use the Current Branch for Business ring for all patching cycles but delaying Normal and Late cycles by 60 days. These are really just filters, and the rules would otherwise run as usual and these would go out with all other patches.~~ Committee previously voted to adopt Current Branch. Microsoft now allows for this to be delayed. If no change is made, the only action is to document how this can be set differently by individual OU's. Windows 10 updates will only be pushed via SCCM. The OS update will not sync to the WSUS server. Early will run on Current Branch with 0 day delay. Deadline for Early? Normal and Late will run on Current Branch for

Business with 0 day delay. Will also be available for 1 month prior to the deadline.

- **No vote needed.** It has come across for clarification. This work was already voted on and has been done. There is confirmation that the deferment was set to 0.
- Re: KB3159398 - How do we handle the addition of <Dept>-Computers to the GPO Delegation script. Now that the patch is in place and all new GPO's will not work unless appropriately secured do we need to continue to add <Dept>-Computers to all departmental GPO's?
  - <https://github.ncsu.edu/Wolftech-AD-Automation/NCSUGpoDelegation/blob/master/powershell/gpoDelegation.ps1>
  - Vote passed to remove the <dept>-Computers from the GpoDelegation cron job
- Edit default OU Admin permissions in SCCM to include:
  - Antimalware Policy - Read, Modify, Run Report
  - Collection - Deploy Antimalware Policy
  - Vote passed - Michael will make these changes

#### New Items

- AD Tech Notes need more information to understand context and impact. There was offline discussion about needing more “meat” in the AD Tech notes. We need to find a way to capture more of the context and impact into the notes. Jeremy would like to get this captured during the meeting. Jeremy doesn't feel comfy altering the notes after the meeting without requiring an approval of the notes before posting to the AD site otherwise.
  - Need to ensure that the meeting notes are appropriately comprehensive
  - Need to ensure that the time between discussion and documentation/sysnews posts is short enough that resolution of the topic
- AD Training
  - If and when we offer more in-person classes, the format should be changed to be multiple sessions/videos rather than a single 4-hour session
- The SCCM cache has changed as of 21 Sept 16 to a default of 20GB with SC (Special Configurations) Groups for 10GB and 50GB
  - <https://sysnews.ncsu.edu/news/57d08572>
  - <OU>-Microsoft-SCCM-Set Cache 10GB (and 50GB)
  - The percentage doesn't work like we thought. It is used up to the value you set. Not setting the value with % being a free space left. So the percent for 20GB and 50GB is set to 100% to ensure that the cache size increases to what is expected.
  - If you machine is put into the -SS groups for large software deployments your cache size WILL increase regardless if the user installs the software.
- The change from WSUS to SCCM for Windows updates (<https://sysnews.ncsu.edu/news/57befcc9>) needs some more work
  - How do we want to handle the “Windows Updates is not configured” notification?

- Question: I thought we were notifying users about reboots being needed?
  - This setting is on a per OU basis
- AD Tech is not going to set a domain policy to enable Windows Updates checks or notifications. It is on the departmental admins to set appropriate notifications/reboots/etc.
  - The only time S&C cares is when there is a critical vuln reported. Otherwise, rebooting as needed to meet the patching standard is fine.
  - Patching policy forces reboots in 30 days - <https://policies.ncsu.edu/rule/rul-08-00-14>
- Request to add to the AD site the settings you should use to enable notifications so that we don't step on SCCM Updates
- Windows 10 RTM Force upgrade?
  - Windows 10 has moved into it's fourth version; however we have not enabled the Update from WSUS or SCCM for Windows 10 Upgrades. Technically we have computers that Microsoft isn't supporting anymore since they are only supporting three revisions back. Since the Anniversary update (1607) the RTM installs are no longer valid and should have been forced upgraded via Windows Update to, at a minimum, 1511.
  - The ability to enable the "Upgrades" option is still being worked on. There were requirements that had not yet been met. Expectation is that "Upgrades" will be enabled for October patches.
  - Early - Set to push 1607
  - Normal/Late - Set to push 1511
  - To find Windows 10 boxes: `Get-ADComputer -Filter {OperatingSystem -like "Windows 10*"} -SearchBase "OU=NCSU,DC=wolftech,DC=ad,DC=ncsu,DC=edu" -Property Name,OperatingSystem,OperatingSystemVersion | Format-Table Name,OperatingSystem,OperatingSystemVersion -Wrap -Auto`
- For the upcoming AD Desktop RAP we need to volunteer/voluntold desktops from departments on campus. Michael has run numbers to help determine an even representation from campus. How do we get machines enlisted into the necessary GPO's and software?
  - Tried to assign "seats" based upon the % of computers for each College
    - There are ~24,000 computer objects at the NCSU level. COE has about ~4,300 machines. That's 17% of the total number of machines in Wolftech. If we have 30 "seats" COE would get 17 seats to assign to the departments and groups in COE
    - Phone call 4 Oct 16
    - RAP - week of 10 Oct 16
    - Michael will email users that have machines allocated already to users in those departments and will capriciously give out the others to whoever he sees fit.

