

## WNAG

Meeting: 2017-06-21

Present: Jim Johnston (Chair), Anton Romantsov (Secretary), Lowell Williamson, Bernie Rutter, Nevil Bromley, Ray White, Manfred Griesbach, David Aldwinckle, Dave Hinton, Mike Patterson, Ravindri Kulatunga, Steve Nickerson

### Previous Business

Jim: RODC, what's happening?

Dave H: Now we have two RODCs in Engineering. So far we have not had heard anything of increased or decreased performance as a result.

Dave H: There was an issue when RODC was introduced which existed until a hotfix was applied. The issue affected Windows 7 client machines for some time.

Jim: Do you require any assistance from any of us?

Dave H: No. We had a meeting earlier this week, this is the 5 issues we are correctly investigating:

1. GPO problems on Win7 clients and RODC: gpupdate errors, clients taking variable time to reboot. We have found that the hotfix fixed the problem on Win7. Also some problems were related to issues in one of Daniel's GPO.
2. Logging to EC1 share, connecting to the share. Engineering building a new test share to do some testing on that and see if any differences show up. We have not seen the issue that was reported first in March. We did make one configuration change on EC1 filer, which helped to drop CPU load significantly and decreased the time took to connect to the share.
3. GPMC for Hon seems to crash more often than to others here. We did note that part of the issue is too large number of GPOs we have on campus – roughly 2000+ in Nexus total, of those about 1100 are Engineering GPOs. Microsoft recommended to bring this number down. Hon said they are working to decrease this number in future.
4. A problem with workstations in Architecture: taking longer to boot up than it should be (waiting too long on GPO policies and not getting roaming profiles applied). The GPO issue is likely Windows 7 only issues. Window 8 clients don't have this problem. We agreed collectively NOT to investigate that.
5. Erick reported connection time to LDAP take longer than what it should. We're waiting for his code before starting the investigation. I wrote to the group some time ago to show how LDAP speed can be different depending on what code/commands you use.

Ray: Not all issues went away, but everyone feels more relaxed.

Jim: Is the investigation going to continue?

Dave H: Let's leave this on the agenda for next couple of months.

Jim: Moving on... Outlook would stop working occasionally, lost connection to Exchange. Only in Outlook, everything else works fine.

Dave H: Maybe related to ongoing migration of users to Exchange 2016. Not all have been migrated yet. There should be no more downtime, but you may see several times in Outlook that you need to authenticate.

Jim: On a whole, it's not an issue.

Dave H: We started the migration back in March. At this point, we left with taking the old Exchange servers out of use once we're ready for final decommission.

Jim: New RDS 2016 is working much better than 2012. Graphic card dedication feature allows significant performance improvement. Memory management is much better too. We're planning to move one teaching pool to 2016 at the end of this term. One of minor issues is the different GUI in 2016 vs Win7/2008 style.

Dave H: If we all can go through GPOs that no longer apply, that would be nice.

## **New Business**

Jim: SharePoint GPO changes... some users on SharePoint when they open their files, it's prompting for a password almost all the time. We ask to make a change that fixes access permissions at the root of SharePoint sites – see agenda for details.

Jim: Math proposing to have this fix applied. We tested this for individuals who were affected, so we know it works.

Jim: Anything else we want to discuss?

Dave H: As of yesterday we created a new O365 tenant that will be used for stuff and faculty. It's a work in progress, but eventually it will give access to O365 features to faculties. We're looking to have this implemented at the end of this term. Soon I will give accounts to everyone here to test.

Dave H: Part of the challenge we don't want people storing files in the cloud, and that's one of things people do when getting access to O365. It makes a problem when the work that someone started becomes a group work. We can't guarantee files are protected if they are in the cloud. Keeping files on-campus is what's required for protection.

Dave H: Another thing is planning for a potential hybrid tenant... We're not there yet, but there will be an option to eventually migrate to Hybrid Exchange if we decide so.

Dave H: The users won't be getting Skype for business as we have Skype on prem. Teams feature is disabled too as we don't know how to deal with groups people can create. We need more controls on how to manage this, a concept that helps minimize admin overhead.

Dave H: We plan enabling tenant-to-tenant sharing feature. If anybody has input – feel free to send me your ideas.

Nevil: What if a student fills in 5 TB of data and then asks how do I get that data after he is not a student anymore?

Dave H: We keep the account and data for 16 month after the student graduated. The user will get notification email in advance.

Manfred: Today we install Office 2016 on campus machines. For how long? Users are now have their own Office. I can see day coming we may not want to do local Office installs and go with O365 at some point.

Jim: We still have some time left.

Lowell: Documentation: it should be short, one page document. The rest can be talked about.

Dave H: We are streamlining the documentation to include just the basics. Hoping it will work better.

Jim: Anything else?

Manfred: Podium PC: we're proposing building them with Windows 10 and Office 2016, any objections? (nobody objected)

Manfred: Good!

Jim: We don't have any problems with this, though there wasn't much feedback.

Dave H: How many Windows 7 machines left out there?

Jim: If it's under our control – we're actively upgrading.

Ray: We still have some apps that are not working well with Windows 10, but we're working on it.

Dave A: We setup a new Eduroam profile. If a machine put in specific security group – it will allow this machine to connect to wireless automatically.

Lowell: What we need to do? So far we just give names of machines to Greg Parks and he added them to the group.

Dave A: This works as long as the machine is in Nexus.

Nevil: We're testing it. SCCM updates have applied as expected, but home drive isn't mapping.

Manfred: So far this is about laptops that stay on campus, not those that leave campus.

Nevil: We asked for a FW exception to make remote administration of these machines working. You need this if you want your admin server to manage such machines.

Nevil: We run into an issue when users press one of hotkeys and it resets their own console password.

Jim: We had a similar issue when Mac users connected to a PC over RDP, different keyboard layouts play a role.

## **Old Business**