Easy Auditor

Ken Gibson and **Greg Rhodes** had a WebEx with **Alexander Blades** from Superna Eyeglass. The WebEx was a chance to see a live demo of their Easy Auditor product for Isilon and to ask questions about how it will work in the CFISD environment.

This tool will give us the ability to search and find out who deletes or moves files in the data shares. It has many search capabilities and can set up email alerts for items such as when a mass deletion occurs.

Trend Micro Upgrade

Mike Diaz and **Josh Zhang** upgraded the Trend Micro Deep Security Anti virus protection server which provides endpoint security for our virtualized environment.

The Deep Security manager was upgraded from version 9.6 to 10.1.3.

During the upgrade, they noticed that our database would not support the size of our environment. To resolve the issue, Josh created and migrated the database to a enterprise sized SQL server.

PowerSchool

The PowerSchool application provides intuitive digital tools for registration, compliance, and the end-to-end organizing of student information. And this new PowerSchool upgrade required a very high performing computing and storage server as well being highly redundant.

The server selected was an HPE DL580 Gen10 which is the latest of the HPE Proliant line. Layer 3 delivered and racked the server at our Data Center 4. **Lance Melancon** completed the configuration and transferred the system over to ISA to begin the installation of the application and database.

The server is configured to a very high performance standard but will also scale in the event that the district grows to an extent to where additional resources would be required. This system will also be configured to use a Microsoft SQL AlwaysOn instance which is essentially a mirror of the SQL server.
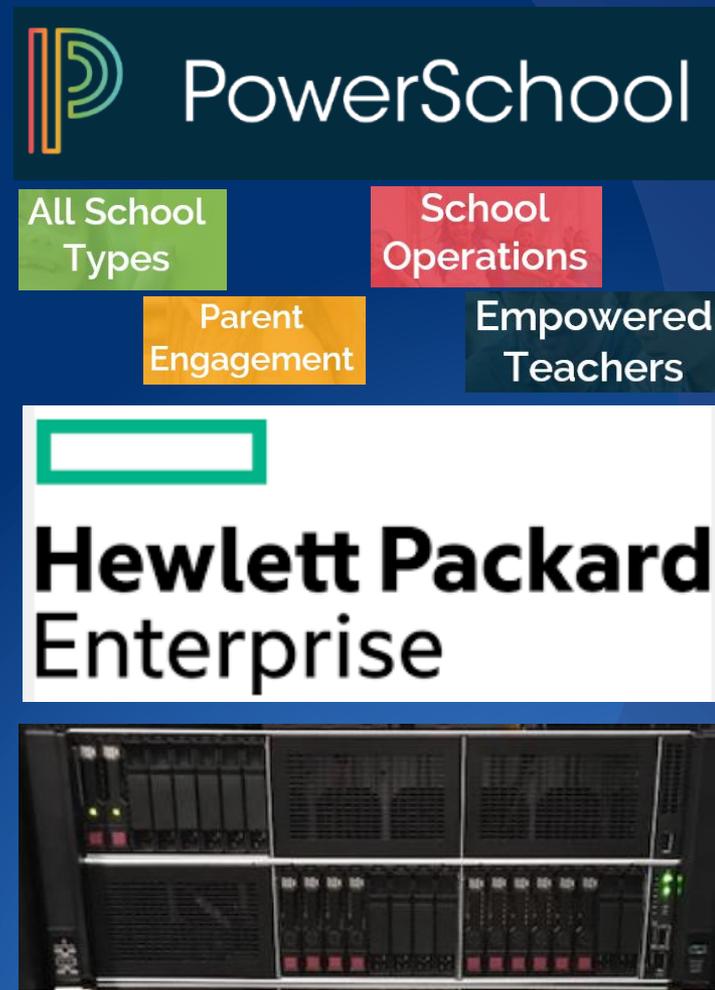
Experts Live & Active Directory

February 8th and 9th, **Josh Zhang** attended Microsoft's Experts Live event in The Woodlands. The event brought Microsoft engineers, industry experts, and IT professionals together for two days of classes, panel discussions, and demonstrations.

Josh attended classes about Docker, single sign-on, security, and automation. The timing of the event and content aligned perfectly with the district's AD migration to CFISD.NET, providing great information.

Experts Live
Feb 8-9, 2018 Houston, TX

Microsoft
Active Directory

Ricky Flowers from Microsoft was back onsite to begin validation of CFISD.NET running on the district's network. All systems and services were tested to make sure they were functioning properly to ensure a smooth transition between domains.

Work also began with cloud integration, change control, and system encryption. The next step in the conversion process is to connect CFISD.LOC (our existing domain) with CFISD.NET. Once connected, assets from old domain can begin moving to CFISD.NET.

Contributions and Reflections

NMO management highlights for the week:

- Worked through discussions with Microsoft, ECN, and NMO to determine a district DNS direction with Microsoft DNS and BlueCat.
- Met with Layer 3 and team to review current projects and plan future efforts.
- Reviewed the "Easy Auditor" product to fulfill that storage requirement to be able to determine who deleted folders/files and to improve our management of data.
- Continued my professional development by attending Frankie Jackson's CETL session.
- Participated in the eLock360 follow-up review of its security offerings.

As I look back over the week, I am acutely made aware of the vastness and intricacies of this machine we called Technology Services. And that like any machine, it is only as efficient and functional as those that lead, direct, and operate it. I have found that I know more about less and less about more than any other point in my technical career. Which just emphasizes to me that to keep this machine running requires an ownership commitment by each and a leadership desire by all. I so appreciate my leadership's continual message to develop leaders because if it wasn't for the leaders on my team, the machine would have a miss.