

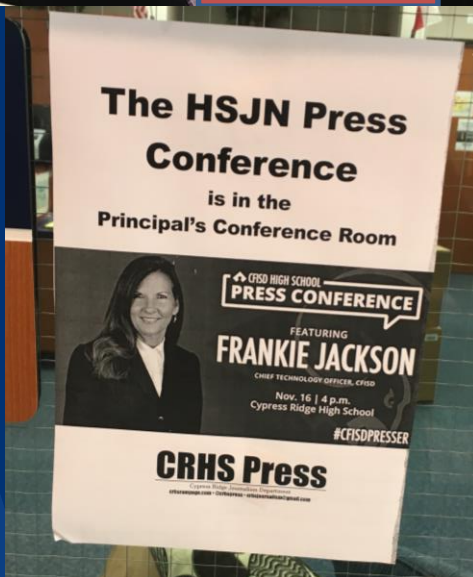


Enterprise Communications Network Operational Highlights



Oscar Villar

Oscar Villar worked with BlueCat to vacuum and re-index the DNS database. This effort reduced the DNS database size from approximately 33,000.00 MB to 12,000.00 MB. **Oscar** then deployed the new database to all DNS servers. BlueCat believes that vacuuming and re-indexing the DNS database will resolve the deployment issue where some DNS recursive servers maintain old information while other DNS recursive servers are updated with the new, correct information.



Once a month **Andrew Tran** and/or **Oscar Villar** work with Joel Weckerly from the Communications Department to verify that they are able to live stream their monthly press conference to www.youtube.com. This month the conference was held at Cypress Ridge on **November 16, 2016** and featured Frankie Jackson.



Enterprise Communications Network Operational Highlights

At the request of Matt Morgan, Assistant Superintendent of Support Services, **Ray Leung, Glen Carpenter, and Anna Senties** worked this week to install two Cisco wireless access points (APs) in each of the Transportation Centers. The team installed the older Cisco APs as an interim solution until the team can prepare the centers for the Aruba wireless upgrade.



Tony Rogers worked with Unified Energy Solutions to get new Liebert A/C units connected at Aragon MS and Kahla MS.



Anna Senties is working on a Cisco stack issue in a network closet at Holbrook ES. The error appears to be due to either a bad cable or a bad device.



Enterprise Communications Network Operational Highlights

Ray Leung worked at CyLakes HS to address a wireless issue with CFISD_CP. DHCP was not handing out new IP addresses to devices that were connecting. **Ray** worked with **Oscar Villar** and **Andrew Tran** to resolve the problem.



Ray Leung and **Glen Carpenter** followed up on a variety of reported wireless issues:

- Spillane MS - Reports of weak WiFi in a classroom; AP was added;
- Francone ES – Worked with Principal on both her laptop and tablet
- Berry Center – A problem with older radio devices that could not be re-produced;



Anna Senties worked with **Ray Leung** and **Glen Carpenter** at Cy Ranch HS on a wireless AP issue in the natatorium. The Aruba AP 275 is installed in the natatorium because it is designed to withstand persistent moisture. However, the AP was not broadcasting any SSIDs. **Anna** determined that a feature on the Cisco switch called LLDP needed to be turned on. LLDP is a discovery protocol needed to permit the discovery of non-Cisco devices on the network.



Enterprise Communications Network Operational Highlights



With the ECN team's never ending quest to find storage space for switches, phones, wireless access points, UPS units, etc., **Mike Raspet** and **Ken Gibson** jumped in to support their cause. **Mike** remembered that we no longer need the former UPS room that was used to support Data Center 3. **Mike** and **Ken** decided to clean the room and remove the leftover supplies from the build out of Data Center 3, including three cement pallets weighing over several hundred pounds. The room is now clean and ready for delivery.