

Lane County Technical Advisory Committee

Thursday, June 23, 2016 1:00 to 3:00 pm

Room 5, Lane ESD, 1200 Hwy 99N, Eugene

**Lane County Technology Advisory Committee
MINUTES**

Present: Christina Okesson (LESD), Daniele McCallum (LESD), Arne Berglund (LESD), Jason Dodge (LESD), Fred Spencer (97J), Michael Bateman (28J), Nathan Crompton (Ambient for Blachly), Steve Traylor (1), Richard Reaksecker (66), Michael Biehler (28J), Jesse Baber (69),

Outages:

- May 26 Blachly a few minutes, planned Peak maintenance that we weren't notified for
- June 15 FR unplanned a few minutes, LS is investigating
- June 20 Blachly unplanned in Pioneer network
- June 23 FR a few minutes tied to LS issue.

E-Rate:

- 3 districts need to get accounts and update info: Blachly, Creswell, Crow. Christina will be working with the business officials to get this completed.

Added:

- Moodle servers going away, users have been contacted. Christina backing up courses to give to those users.
- Arne's position still posted, until filled
- Jason scheduling Ekahau out for summer, let him know if you need it. Michael requested end of summer. Crow early August.
- CBT Nuggets requests can be accepted through tomorrow. Let Christina know if you want a course.
- Spam/Malicious Emails. What do you do when you get these? Spam filter is doing all it can, they are mostly zero-hour occurrences and it can't detect them. Do you feel users are getting better dealing with these? Do you have repeat users that fall for them? What about emails that are tagged but not blocked (warning in subject line)?
 - FR: User training is in person, trainings at schools when people are together. Most people know to be cautious. They know to forward to Michael if they suspect. Recently the sophistication of attacks has gotten better, it's not so obvious. Now have to look at ways to roll back after people get fooled. Scared of the idea that it can happen and it may not get reported. Jesse mentioned that Google is fast with compromised accounts. Are attachments only scanned on receipt, or does it scan previous attachments? They are scanned when they enter or leave the system, no scans if they go back and forth internally. Worked with Arne and Jason on remediation steps, that has been very helpful. Started documenting the process more.
 - Arne: Is there an advantage in changing the behavior of tagging? – Several said yes please do. Many users are not subscribing to spam filtering. Jesse wants everyone signed up for spam filtering, several agreed. LESD will look into this. People want spam filtering, but they don't like the process of signing up and maintaining it. Some people like to determine on their own, and feel like it blocks too many legitimate emails. Spam page has historically only been available within the netblock, can change that. If we do

default opt-in, can you tag possible spam in the inbox – yes, three actions besides being blocked. Flexibility to do several things on each. Would have to notify everyone before we would turn this on. This would be the perfect time for several districts, turnover of staff over the summer. Turn on for all accounts, or as new accounts are created? Consensus on all accounts. If you have users you want exempted from that, we can work with districts to identify those and exclude them.

Roundtable: District Summer Projects

- LESD Firewalls have been received, we did an RFP and received 9 proposals from 5 vendors. Same product that Springfield and Eugene are using. Has 4 40gb ports, so we can scale up as needed. 32 ports total, 28 SFP+. Goal to do more segmentation with more DMZs. Want to protect districts from other districts. Current firewalls are a bottleneck so we are excited about this upgrade. Summer we are investigating content filtering component of these, may pilot with a district or two. Purchased the FortiAnalyzer reporting tool, will produce 5gb a day of logs. Can do spam filtering, full SSL encryption, etc. Let Jason know if you want any information about this. Installing in August with Xilogix out of Portland. Will cutover replicating what we have now, and slowly move to where we need to go.
- Jason working with Oakridge on new Juniper switches, and JC on wireless.
- LESD core switch upgrade, HP modular switch.
- Crow: Telephone system replacement at Crow HS, Richard looking into using bond funds for this. Purchasing chromebooks. Reimaging all machines this summer. Buying a few APs to fill holes at the Elem and HS.
- Siuslaw: No bond, not much work this summer. Computer lab, server upgrades.
- Fern Ridge: Bond passed, many projects this summer. Have until Christmas break for new server room at the HS. Phones at two schools and another one after. Projector installs in two schools. Wiring for wireless at the HS (Aruba). Redoing switches in 8 closets with gym being constructed around that. Labs maintenance, new SSDs for those machines. Richard also thinking about that solution for some of his labs. Jesse not doing that for labs, but some staff who are having difficulties with machines that are not up for replacement. Bond put together as 1.3mil – soft costs will reduce that by 300k. Actual purchase costs are always off of what was estimated. Michael probably looking at around \$750k left, much of that is encumbered, and looking at some things that need solutions that were left out. Still about \$200k shy of goal. Infrastructure only.
- Pleasant Hill: projectors in every classroom. New networking gear in new HS mdf. Big Aruba project coming as soon. 180 more Chromebooks in addition to the 700 they already have. New NEC phone system, hybrid voip and analog.
- South Lane: Bond passed for \$36mil with state match. Revamping the pool. Technology \$1.25mil earmarked. Plan not just for equipment, included infrastructure projects and some equipment replacement. Detailed plan for every building. Moving to 7-yr replacement plan for computers. Rural locations with wireless, issues with rate limits on T1s when internet traffic has to flow the phones stop functioning. 3 sites wireless fails over to T1, two of those frequently. Large donation from Social Security Admin, replacing engineering lab with those. E-Rate project to switch PRI provider. Creating a networking lab. E-Rate moving Latham over to new controllers. Large staff turnover, around 30 people. Bond planning and project management. Replacing wireless link to South Lane TV with fiber.
- Blachly: basic maintenance, lab upgrades. Chromebook and iPad carts for both Blachly and McKenzie.

Farewell to Arne and Best Wishes!

- Arne's summer projects with his Porsche he is refurbishing; family time
- From now until he leaves, working on documentation. Conversation around OneNote, Google docs, importance of also keeping print documentation or some solution for offline access.