



LANE EDUCATION SERVICE DISTRICT

1200 Highway 99 North
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www.lesd.k12.or.us

EQUITY COMMITMENT LEADERSHIP COLLABORATION INTEGRITY

Lane County Technology Advisory Committee Thursday, October 20, 2016 1:00pm Lane ESD Room 5

MINUTES

Present: Daniele McCallum (LESD), Jason Dodge (LESD), Christina Okesson (LESD), Roger Morris (Eugene 4J), Steve Traylor (Pleasant Hill 1), David Bolton (Bethel 52), Jesse Baber (South Lane 45J3), Travis Burnside (LESD), Joel Higdon (Creswell 40), Michael Bateman (Fern Ridge 28J), Nathan Crompton (Ambient for Blachly 90/Marcola 79J), Richard Reaksecker (Crow 66), Michael Biehler (Fern Ridge 28J), Jacob Shaw (Springfield 19), David Nelson (Eugene 4J), Ron Maierhoffer (Ambient for Blachly 90/Marcola 79J)

Introductions

Recurring Items

- Service Incidents — *A review of LESD service interruptions since last meeting*
 - LSN maintenance on Hunter Circuit for Fern Ridge SD was thought to be restored by providers, but circuit was still down after maintenance window.
 - Oakridge 9/12 utility power outage
 - 9/27 outage with NERO upstream provider.

- E-Rate — *Quick recap of any news this month*
 - Now is the time for districts to start planning for e-rate for the 2017-18 year. Look at projects for next summer and plan for submitting applications between now and February. Jesse asked for e-rate consultant contact info. Bill Davis is now e-rate consultant for Eugene, Springfield, Oakridge, Fern Ridge, and Bethel. His rates are hourly with a “not to exceed.” He can provide a 5-yr cost analysis and planning tools for districts. Christina will send out contact info to the lctac email list.
 - The 2017-18 eligible services list was released in September. No significant changes, but some clarification and definitions around items pertaining to Wide Area Networks. Links are on the blog (<http://erate-info.blogs.lesd.k12.or.us/>) or at the SLD website (<http://www.universalservice.org/sl/>)
 - Trainings are happening in November, Portland is no longer a site. Seattle and Los Angeles are open to registration. Christina will post a link to slides and handouts from trainings that have already happened soon when she sees them.
 - October 28 is the deadline for submitting invoices for recurring services for the 2015-16 funding year. Districts need to have already completed submitting a Form 498 to get approved for electronic payments in order to complete invoices.
 - November will begin seeing deadlines for submitting CIPA certification forms for the 2016-17 year. Christina has been collecting these forms from districts so that LESD can file the certification on behalf of the ISP consortium. For the Lane ESD ISP consortium, there are 2 forms we need to collect from districts each year: a consortium participation agreement, and a



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CIPA certification form. These both need to be signed by Superintendents. What is the best way to collect these? Both forms together or separate? Send them to the admin assistant or the tech coordinator? The group recommends sending them to the tech coordinator, as well as send both forms together.

- Update on state match for special construction. Spreadsheet forwarded from Daniele. LESD received this on Monday and was asked to collect info for every site in the County. The state is using this to anticipate what funding amounts might be needed for state match. The object is to get districts to SETDA standards (3Gbps per 1000 students) and not cost anything between e-rate and state matching funds. A couple of districts stay after this meeting for Daniele to look at this with you. Make sure all of your schools are listed also, some were missing.
- Jesse is looking at e-rate for fiber construction to Delight Valley, school re-opening next year as Alternative HS.
- Professional Development chat
 - CBT Nuggets – let Christina know by end of day tomorrow your course requests. She will be submitting to CBT Nuggets on Monday.
 - Michael Bateman – Google Summit last week, now charging \$40/person registration. Jason Cook main expert at sessions. 11 instructional folks from Fern Ridge. One from Pleasant Hill.
 - Roger asked about 3rd Juniper training – Jason will look at scheduling that.

October Topics

- Firewall and Core security
 - New Fortigates have been in for the last month. A few technical issues we have worked through. Made some configuration changes. Settings still the same as what was running under the Junipers. Will start looking next at what changes we can make or new features to turn on, to address some of the issues we have seen.
 - Will now be able to do some Layer 7 functions for filtering. Will work with districts as needed to address issues. Difficult to keep up with signature-based blocking. Will start with our DMZ and external-facing servers. Want to put antivirus profiles on everything. Jason will reach out to districts to get some of the filters turned on. Will keep fail2ban on some linux servers in addition to blocking more at the perimeter for a more layered approach.
 - What are districts doing for intrusion prevention? Springfield uses ISP on Fortigates, not too many false positives. Have some Wordpress servers with separate rules, etc. Can set to monitor also and not just block, to watch traffic. Roger mentioned ThreatMap on the analyzer, Jason displayed that for the group. Jesse mentioned using Mod_Evasive with Fail2ban. Hoping it might be supplemental to some of the email spams that slip through. Still looking into improving spam filtering.
 - FortiAnalyzer vm appliance purchased, will provide reporting if needed. Can create accounts for districts to log in themselves if you want. Or could set up an automatic threat report based on your policies and subnets. Let Jason know if you have interest. Sending 4-5gb of logs to the Analyzer per day right now. 4J is also using the FortiAnalyzer, and so is Springfield.
 - Policies recap, Jason provided on paper to districts. Pentamotion policy is still in place, Jason updated that after email. Let Jason know if you need any changes or removals.
 - Jason asked Springfield about their experience with Fortinet support. It has been acceptable so far, but you do connect with people who are hard to understand. Don't know if that has been



- outsourced or not, there is a language barrier. Doing webex and text chat works well. Jason has had trouble getting through to a live person, Roger mentioned opening a case via the web before you call.
- Webfiltering
 - The issues in the Spring with state testing was a direct responsibility of our web filter. We have figured out to do a quick fix, but the company hasn't resolved the issue. The company is also no longer updating the product. We have changed our contract to month-to-month with Untangle, and we are now looking at what the Fortigate can do for a short-term crosswalk from one product to another. Jason is working on that now. Please let LESD know if you have requirements you need of web filtering, right now we are just looking for something stable. Jesse mentions occasional slow loading of ssl pages still. Springfield is using iBoss for filtering, looked at Fortigate in the past and it seems bare bones. Jason testing web and DNS filtering right now.
 - Survey sent to Superintendents
 - LESD Superintendent sent out a survey to district Superintendents, will need to work with the tech coordinators. We have received back from 5 districts. If you have not participated with your Superintendent yet, please do and respond so that we know if we are doing a good job. Received from Crow, JC, Lowell, Oakridge, and P Hill (for the technology section). The survey closes October 28. Creswell completed but not the technology section.
 - District visits planning
 - LESD staff tries to visit districts on an annual visit. Now that Travis is here, we want to include him in visiting districts. It's great to see your environment and see what districts are doing, and plans for the future. We will be contacting you to schedule a day. We can go over our services and how to access them, and we can meet with as many people as you like. Example of meeting at Pleasant Hill with Steve, the supt, and the instructional technology person.

Roundtable Discussion

- What anti-virus are districts using for end points?
 - LESD uses McAfee EPO
 - Pleasant Hill loves Malware bytes. Supplemental malware product. Sophos for main product, it's ok.
 - South Lane uses Sophos, but has had issues with updates and extensions. Has path rules for exclusions.
 - Springfield is using McAfee EPO
 - Crow using TrendMicro, just on staff computers. Microsoft Security Essentials on student machines.
 - Bethel using Microsoft Systems Center Endpoint Protection. Springfield implementing that now.
 - Fern Ridge still on Symantec.
- Feedback on Microsoft System Center (SCCM). Is anyone using it?
 - Bethel and Springfield. David mentioned that it allowed them to remove admin access for every pc on the network. The only systems they have difficulty with (sometimes) are staff laptops. It has been bullet-proof for the most part. Like the reporting and software center functionalities. Does updates differently – not granular, no options like standard SUS. Licensing is part of the Microsoft agreement. A little bit of a learning curve to implement and config, but well worth it. Springfield also has a volume licensing agreement. Does IOS and android management, but 4J not using that.



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Additional Items

- iPads donated to LESD. Up for grabs if districts can use them. Qty 5 iPad 2 wifi/cellular; Qty 5 iPad 3rd gen wifi/cellular; Qty 1 iPad 2 wifi only. Come get one (or a few) if you would like.
- Is anyone on Office 2016? No, most are on 2010 with a few 2013. Bethel is on 2016. Mostly Windows 7 with a few Win 10.

Next planned LCTAC meeting, November 17, 2016 1:00pm at Lane ESD

Aaron from South Lane will be showing the open-source inventory software (AMS Asset Management System) he has developed.