ESU 10 LAN Manager's Agenda

October 2, 2025 - 9:05AM at ESU 10

Meeting Recording - https://esu10-org.zoom.us/rec/share/5zXOyHlmY
tUcEdbMq-RoGzdrUSEOCNf4RdQBv-YnhCB4nUeIcxV3X12T0b8ExNrG.SdjP4GE5sWmleWfn
Passcode: j89i+8kN

Resources for Connection and Learning

- Google Group for ESU 10 LAN-Managers and Tech Coordinators -
  lan-managers@groups.esu10.org

9:00 AM - Welcome & Introductions

- Name & School
- What's the strangest thing a student has asked you to 'fix'?

Topics for Discussion

Network Nebraska Memo & Billing

- Annual Participation Fee Memo emailed from Callie Richards to districts (Supts?) on Sep
  17. Highlights changes, costs, services and includes budget documents (13 pages).
- Monthly billing will come from DAS (Div of Admin Services)
  - Cost Recovery forms will be distributed in the coming weeks (may have already
    been received)

    > *These values may be updated annually as entity's needs change.
    >
    > OCIO Cost Recovery Invoice Schedule of post-discount portion = Semi-annually (BASED ON 2024-25 RESPONSE):
    >
    > **Annually** (one payment) invoiced by State of Nebraska in October
    >
    > **Semi-annually** (two equal payments) invoiced by State of Nebraska in October and May
    > **Monthly** (9 equal payments) invoiced by State of Nebraska each month
    >   *If "NEW" please indicate your preferred payment schedule when submitting your form

  -
- Internet Access (7Gbps of >100Gb) is paid by ESU 10

STEADfast Speedtest

- Statewide promotion (incentive for 20 districts upon approval) to pilot the speedtest tool.

ALICAP Annual [questionnaire](#) & coverage

- ALICAP collected responses in April and submitted them to Beazley in Aug/Sep.
- ESU 10 Cyber Coverage [Certificate](#) (pg 9)
- Shelton and Pleasanton changed to "qualified" based on April answers.
  - *"Qualified members are covered for cyber and their deductible varies based on their gross operating expenditures. Most qualified members deductible is $25,000. Nonqualified members do not have coverage." - Daniel Shonka (for ALICAP)*
- Updates to answers can be provided through the year if new controls and protections are implemented.

- The CISA CyberHygiene report may be considered 3rd party pen testing (see details below)
  - Consolidated report allows district details on the [Helpdesk Dashboard](#)

- MFA - Enabled vs. Enforced on user accounts
  - Verifying Google MFA is enforced

Email Security & dmarc

- Most districts have implemented DKIM, SPF and Dmarc email protections. A few domains have improvements that could be made. See the [Helpdesk Dashboard](#)
- Here's a list of [domain details](#) for many schools we support
- Access to [dmarcian.com](#) for domain mail analysis is available, if desired.

User Security Training platforms

- ZenGuide (formerly Proofpoint) is available through statewide group purchase for $3.69/user/year. It will renew in August 2026
  - contact sisaacson@esucc.org
  - ProofPoint Admin Training -
- Cybernut - [www.cybernut.com](#)
- KnowBe4 - [www.knowbe4.com](#)
- Vector Solutions via SafeSchools - included with ALICAP membership

MS-ISAC membership

- MS-ISAC membership is now charging for membership. What SOC are you considering?
  - MS-ISAC [Service Overview](#) ($999)
- Other Options for SOC and security advisory services
  - State JSOC - unknown cost and timeline for K12
  - FortiSOCaas - add-on license to Fortigate, requires FortiAnalyzer
    - Fortigate 101F = $7700
  - Huntress - $?
- Security Notifications

- - MS-ISAC (members) receive security advisory messages
  - NE State Patrol (Fusion Center) is offering a Cyber Info email list
  - Signup by emailing Brenda.Vicich@nebraska.gov
- CyberHygiene Report
  - Cyber Hygiene Services | CISA
  - CISA, not MS-ISAC, and should continue without membership
  - If permission was given to CISA, district report was included in the ESU 10 "Roll-up summary report" and individual details are included in ODIE Dashboard

E-Rate updates

- Funding year (FY26) starts a new cycle for the Cat 2 budget.
  - Minimum $30,175 per school or $201.57/student - whichever is higher
  - Eligible Service List yet to be confirmed -
- Possible projects
  - Replacing old fiber (62.5 micron with 50 micron) to support more than 1Gbps
  - More PoE+ ports on switches
  -
- FY25 - Funding for Wi-Fi on buses and Hotspots lending has been rescinded (off-campus services).

- Check the ODIE E-Rate Dashboard and details pages for updates and changes
  - Administrative changes need to occur Oct 15 thru Nov 30
  - Site or instructions on how to make Admin changes
    - What is the Admin Window?
    - How to Change Account Administrators?
    - Create & Delete Users
    - Account roles, rights, and permissions

FortiMail email security

- FortiMail was deployed in August for many districts.
- East and West server links
  - fortimail-west.esucc.org/user/login
    - fortimail-west.esucc.org/admin
  - fortimail-east.esucc.org/user/login
- FortiMail admin interface Walkthrough documentation

Mailgun bulk email sending setup/usage

- Using Mailgun to send mail can avoid the message sending limits of Google, but configuring it properly is required.
  - SMTP settings
    server: smtp.mailgun.org
    servers listen on ports 25, 587, 2525, and 465 (SSL/TLS)
    Contact Helpdesk for credentials (ie: noreply@mg.domain)

Aruba Central overview

- Demo of Aruba management interface for wired and wireless networks
- WiFi 6 considerations
- Contact: sdees@esu10.org, areed@esu10.org, garey@esu10.org.

12:05 - Working Lunch

ODIE Magic Button

- Manually trigger a Sync Google (accounts)
  - Password sync occurs with Google Password Sync Tool running on AD

Digital Content Accessibility

- New federal regulations updated (ADA Title II) to adopt Web Content Accessibility Guidelines (WCAG) 2.1 Level AA standards for State and Local Government entities. Compliance by April 2026 for entities serving communities with a population ≥50,000 and by April 2027 for entities serving communities with a population <50,000, with some grandfathering for older content. Coordinate now with website vendors and start training staff.
- Feel free to contact Jason Everett and/or Peg Coover (We have shared with Supts/Principals as well as Librarians at this point.)
  - POUR Framework
  - 50 Success Criteria
  - Peg's resource list

The green mushrooms listed here are okay to eat. The red mushrooms are poisonous.

- Amanita
- Chanterelle
- Porcini
- Shiitake
- Tylopilus

Google Workspace - [2SV for admins](#)

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- Email – "2-Step Verification (2SV) required for admins starting <date>"
- ESU10 'super admin' accounts have been enabled
- Some schools have already been 'enforced' - can use 'backup verification codes'

Windows 10 End of Life

- ODIE network dashboard - Machine Info

Open Discussion Topics

Troubleshooting Sora - [auth.esu10.org](#)

1. Verify authentication of user account (password or syncing issues)
2. Verify OverDrive groups in AD and proper memberships
3. Verify IdP/SSO Claims page have proper details

[Zoom Account Dashboard](#) updated 10/2/2025 (Contact Jason or Ron)

Cyber Security Terms and related products

- Endpoint Protection Platforms (EPP)

  EPP is the next-generation anti-virus software running on workstations. It uses vulnerability databases to detect and prevent malware.

  Example: Microsoft Defender, xProtect (Mac), FortiClient, Sophos Endpoint, CrowdStrike Falcon, SentinelOne, Huntress, ...

  Mosyle oneK12 & Jamf Executive Threat Protect have add-on licensing with EPP features

- Endpoint Detect & Respond (EDR)

  EDR focuses on endpoints and records system activities and events. This will give security teams the visibility for uncovering incidents. It leverages real-time threat detection to examine known and unknown vulnerabilities based on application and traffic behavior anomalies.
      Examples: FortiEDR, Elastic Defend

Extended EDR (XDR) makes use of the latest technologies and AI gives higher visibility and collects & correlates threat information. It employs analytics and automation for detecting today's and future attacks.

Examples: Elastic Defend, Cynet, Palo Alto Cortex XDR, Sophos Intercept X, Microsoft Defender ATP, and Symantec EDR

Managed EDR (MDR) is the outsourcing of threat hunting and responding to threats service

Examples: FortiEDR (group purchase license is MDR), Cynet, CrowdStrike, SentinelOne, Rapid7, ThreatLocker

Top 10 XDR Solutions: Extended Detection And Response Services in 2025
Top 10 MDR Services: Managed Detection And Response Solutions

Pen, vulnerability scanning & testing

ALICAP response to "Does CISA Cyberhygiene scanning qualify as a pen test?"

"A penetration test, also known as a pen test, is a simulated cyber-attack against your computer system to check for exploitable vulnerabilities. In the context of web application security, penetration testing is commonly used to augment a web application firewall (WAF). Penetration testing can involve the attempted breaching of any number of application systems, (e.g., application protocol interfaces (APIs), frontend/backend servers) to uncover vulnerabilities, such as unsanitized inputs that are susceptible to code injection attacks.

If CISA CyberHygine report meets this definition, then yes they can be considered a penetration test."

Upcoming Events

[ADVISER Work Day](#) - October 7, 2025

Fall NETA - Nov 3, 2025 - Kearney

NETA Tech Coordinators - Feb 19, 2026 - ESU 9 Hastings

Spring NETA - April 30, May 1, 2026 - Kearney