Summer Time!
Subnet Managers Meeting
June 22, 2022
The Summer Agenda

Google Workplace Data Storage Update – Adam Warren
RAMtech/Licensing – Amy Metzger
Div. Of IT Project Update – Dave Hoffman
MS 365 – 3 Things To Know – Lance Baatz
Cyber Security/Privacy – Randy Miotke
Networking/Telecom – Jason Huitt
Google Workspace – Adam Warren

- Google’s imposition of a total data usage quota for our rams.colostate.edu domain is in progress: must be 100 TB – is still over 1.4 PB.
- To meet the 100 TB goal, individual accounts will be capped at 25 GB of data storage across all tools in the suite (photos, drive, email, etc.)
- Targeted, specific communications have gone out to all (~20,000) users, and will continue
- Main info site: http://mail.rams.colostate.edu
- Unfortunately, many users continue to add to their data storage, including over 155 users just in the past month adding over 25GB of new data to their accounts
  - We will increase communications
  - We will impose “ceiling” quotas to slow down this growth
Google Workspace – Adam Warren

- Users over quota (enforced starting October 1st) will no longer be able to add to their drive, photos, shared drives, etc. – this will be severely limiting.

- Per the Acceptable Use Policy, (http://policylibrary.colostate.edu/policy.aspx?id=704) if the campus quota is not met, and to preserve the utility of this resource for all (~20,000) users, unfortunate but necessary actions may need to be taken on accounts remaining over quota.
RAMtech Licensing – Amy Metzger

• Zoom renewal update
  EDU license count
  Zoom storage cleanup

• SAS/JMP renewal and counts

• Adobe Sign renewed

• ESRI renewed
DoIT Projects Update

Dave Hoffman
Project Updates

• NetID
• Operationalizing the PMO
• Division of IT Website Redesign
eID is getting the bump...
...and we're serving up something new

NetID is coming
July 2022

Don't get caught by surprise!

NetID

NetID is replacing eID
July 2022

Nothing but
 NETID

STARTING
07 22
NetID – Coming July 19

• NetID’s can have one of two formats, depending on when they were assigned
  – Pueblo – December/January 2020/2021
    C8nnnnnnnn
  – Current Fort Collins Faculty, Staff, Students prior to July 19
    8Char - hoffmand
  – New Fort Collins Faculty, Staff, Students after July 19
    C8nnnnnnnnn
NetID – Coming July 19

• **Self-Service:**
  - Redirect
    eid.colostate.edu
  - See a new Look with
    CSU system Logo

https://eid.colostate.edu/csusystem
NetID – Coming July 19

- Directory Tables: What about WEID Tables
  - New Tables will be available starting on July 19.
    - Video from Session
    - All Active eIDs are in midPoint with exception of Dual Affiliation
      - The current WEID Directory table will be maintained as a view for 1 year with midPoint, SIS & HR data
      - This gives you 12 months to transition to the new Directory Tables

https://it.colostate.edu/netid-resources/
NetID – Coming July 19

• What is needed from You
  – Look for and update any reference to eID/eName on your webpages or login screens and update to NetID
  – Support should go through the DoIT Helpdesk
Division of IT Website Redesign

• New https://it.colostate.edu Website
  – Being built out.
    • Research Computing Computing and Cyberinfrastructure
    • Teams Voice
    • NetID
    • Strategic Planning.
  – Phased moves of static and dynamic content over the next few years.
Operationalizing the PMO:

• Why are we doing this?
  – Provide **greater insight** into the projects being led across the Division
  – Provide greater insight into **how** we’re spending our time (Run, Grow, Transform – link to Gartner)
  – Provide greater insight into **where** we’re spending our time (Service Areas)
  – **Improved coordination** between the leadership team and the PMO
  – Improved workload management and transparency for campus

• How to Request a Project
  – Submit the form on the [https://it.colostate.edu](https://it.colostate.edu) website – Look for Request a Project
Microsoft 365: 3 Things to Know

1. How-to Report Junk/Phishing Emails

• Old process: Users send copies of suspect email to abuse@colostate.edu

• New process: Leverage the “Report Message” button from Outlook or Outlook Web App
  o Users can choose “Junk” or “Phishing” to report directly to Microsoft
  o DoIT will be deploying the add-in via the M365 tenant starting Monday, June 27
Microsoft 365: 3 Things to Know

2. Basic Authentication Deprecation in Exchange Online

• [You] Please review Basic Authentication Deprecation in Exchange Online – May 2022 Update - Microsoft Tech Community

• [Us] Generate reports to show who’s still using it. Regular communications!

• Notable: SMTP AUTH (against smtp.office365.com) not officially on the list of impacted protocols; we’re still going to work on it!
3. On the horizon…

- eID to NetID (through July)
- Premier Support → Unified Support
- Planned upgrades to RAMweb and WSNET
- SharePoint/OneDrive governance, security, and backup
Cybersecurity & Privacy Updates - Randy Miotke

- Tenable.sc
- PCI
- Identity and access management infrastructure upgrades
- Cybersecurity awareness & training
- Controlled Unclassified Information (CUI) update
Tenable.sc

• Ordered tenable.sc product
  – Provides comprehensive vulnerability coverage with real-time continuous assessment of the network
  – End-to-end vulnerability management solution
  – Training will be taking place
  – Starting with a pilot
  – Potential for a better way to track ongoing vulnerability management
  – If it works well, will be looking at ways to fund an expansion to cover licensing for all of CSU and CSU Pueblo.
PCI

• Yearly merchant assessments have begun.

• Regarding the changeover to ClearPass:
  – Merchants with Bluefin stand-alone credit card terminals may need to update the network/SSID to the new "CSU-Net" network.
IAM Updates

• Kubernetes cluster complete

• Systems moved:
  – Shibboleth IdPs for CSU and CSU Pueblo
    • Upgraded to v 4.2.1
  – In-progress midPoint test, stage and production
    • Part of the migration will be an upgrade to v 4.4.1
  – IAM PostgreSQL databases are next
  – eduPerson directory follows then Grouper
Cybersecurity Awareness & Training

• CITI training modules for the general campus population complete

• Training for some populations will become mandatory
  – This is a work in progress – more to come
CUI

Basic Safeguarding Initiative:

• Documenting the processes and procedures related to “Basic Cyber Hygiene” for college and Division of IT-maintained research environments

• Also documenting “Basic Safeguarding” processes for new contracts with general IT Security terms (becoming more and more common)

• Manual inventory of CUI-related contracts complete
  – Will begin interviewing researchers (along with related college IT personnel) about data security needs

• Soon will be sharing “Data Classification and Storage Guidance” with College IT
Subnet Managers

Networking & Telecommunications Updates
Jason Huitt
June 22, 2022
Agenda

• Wireless network updates
• Global Protect updates
• Teams Voice updates
• Road map
Wireless

• New SSIDs coming soon!
  – csu-net – new production wireless network, replaces csu-eid
    • Traditional WPA2-Enterprise authentication
  – csu-visitor – new guest and IoT network
    • Protected with a captive portal

• Old SSIDs will be hidden or removed after Friday August 12
  – csu-guest removed
  – csu-eid will be hidden, official end of life: Friday November 18
    – *Eduroam will not be impacted*
Captive Portal

- Prompting for name and e-mail address only!
- Portal will detect CSU e-mail addresses and redirect to csu-net as appropriate
- Access will be time limited, details to come
IoT Support

• Users with a valid CSU Fort Collins NetID will be able to add their devices by MAC address at wifi.colostate.edu
  – Pending release to Subnet Managers for testing
• Pre-registered devices will be connected to a dedicated VLAN that is separate from the rest of the visitor network
• Combining IoT and guest reduces SSID broadcasts
What’s not changing

• Eduroam

• Pre-shared Key SSIDs
  – We will be working with individual Subnet Managers on a case-by-case basis
  – Merchants that you support should reach out to Zach Campain to move to our new solution

• Bandwidth restrictions
Information Sessions

• Wednesday July 13 at 2PM
• Monday July 18 at 10AM
• Invites forthcoming!

• Robust FAQ will be released in short order
Global Protect

- Use of Pulse Secure full tunnel continues to decline – thank you!!
- Pulse will persist but we are NOT renewing the support contract
  - Pulse EOL is July 31, 2022
  - The platform will remain only for legacy use cases but any Pulse failures will not be recovered and no support will be provided.
  - Firm shutdown date will be announced soon, once we have better resolution on some legacy use cases.
Global Protect - Communications

• E-mails continue to be directed to individual users who are still using Pulse.

• DoIT will provide a list of users by department to Subnet Managers to follow up with.

• DoIT will send another email to Pulse users in early July advising that Pulse will no longer be supported after end of month.
Teams Voice Updates

• Devices are on the way
  – Limited initial stock for pilot deployment
  – Will be available for purchase through CSU Telecom – details forthcoming

• Teams Room FAQ
  – http://help.mail.colostate.edu/teamsvoiceroom.aspx

• Note that MyPhone is no longer available once migrated to Teams
Teams Voice Updates

• The deadline is coming!
  – Model built around 250 user/month
  – Balance between troubleshooting the existing system and building the new system

• We’re planning to schedule this for departments, beginning in Jan ‘23

• Reminder - send your own phones to Surplus
Teams Voice Updates – Sprint 4

• Sprint 4 – July to December 2022
  – Contact Center
  – Common Area Phones
  – Scheduled Call Routing

• E911 project
Teams Voice – Cost Recovery Update

• Consulting engagement July through November
• Thorough assessment of all Networking & Telecommunications business model.
• Stakeholder engagement kicking off soon
• Recommendation to the Provost by Fall Break
NOC Road Map

• Division of IT investment in 100Gb infrastructure
• We have a lot of maintenance coming up
  – Firewall upgrades before mid-July
  – Border router upgrades before the end of the year
  – Wireless network router upgrades
  – Core router maintenance
  – Switch upgrades due to vulnerabilities
• JTC Uplift project
• Connexion peering
That’s a Wrap for 2021 2022!

- Our first meeting of 2022 – 2023 is tentatively scheduled for September 21, 2022.
  
  Autumnal Equinox so set your sun dials ahead!