CSU Subnet Managers
November 28, 2018

“I thought turkeys could fly!”
- Arthur Carlson, WKRP
Agenda

• New ACNS Director Brandon Bernier
• IS Update – Josh Clark
• CERC– Dave Carpenter
• ACNS Projects – Dave Hoffman
• Middleware – Randy Miotke
Agenda (cont.)

• A Word about Canvas – Kevin Nolan
• Ofc 365– Lance Baatz
• Licensing – Diane Noren
• Network / Telecom – Greg Redder
• Security – Steve Lovaas
New ACNS Director

Brandon Bernier joins the ACNS team!
IS Updates

Josh Clark

• Banner
• KFS
• HR
CERC

Dave Carpenter, HHS

Communications Ecosystem Review Committee
ACNS Project Updates

Dave Hoffman

• Course Survey is launched in Canvas
• Starting a discovery on Kaltura
• Bridge LMS is up and running
Middleware - CSU Federation

Randy Miotke, ACNS

• New VM for federation metadata aggregate in process

• December 12: new VM and CSU Federation metadata signing certificate will be available for testing
  – Test URL TBA

• January 9: Cutover to new system and metadata signing certificate

• Testing and Cutover will be announced on the Subnet Managers and Federated Auth lists
CSU Federation – (cont.)

• If you operate a Service Provider in the federation, plan on testing and verifying metadata download from the new system between December 12 and January 9

• CSU Federation website: https://csufederation.acns.colostate.edu/

• Not on the Federated Auth list? Sign up.

• https://lists.colostate.edu/cgi-bin/mailman/listinfo/federatedauth
3 Things to Know about Office 365...
Lance Baatz, ACNS

1. Reminder - Supported Office versions for Office 365 connectivity starting October 13, 2020:
   • Office 365 ProPlus
   • Office 2016 or newer – previously was Office 2019!

Recommend deploying Office 365 ProPlus using Device Based Activation!
(http://help.mail.colostate.edu/officedbainstall.aspx)
3 Things to Know about Office 365... (continued)

2. FAQ: Can we send e-mail to a Microsoft Team like we would a distribution list?

Refer to:  
[http://help.mail.colostate.edu/tt_o365_teamsemail.aspx](http://help.mail.colostate.edu/tt_o365_teamsemail.aspx)

3. Skype for Business to Microsoft Teams (for IM/Chat) Transition
Canvas Update

Kevin Nolan, ACNS

- CSU Pueblo & Canvas
- New Analytics Tool
- Cloud Based Classroom Response System
- VeriCite transitions to TurnItIn
Licensing – Diane Noren

Adobe:

• **Creative Cloud**
  – Renewed Sept. 30
  – $262.50 per Named User
  – $183.75 per Device - must have computer name
  – Device licenses are for computer labs
    • Must be installed by IT staff
  – Must notify RAMtech if computer name changes
  – Creative Cloud 2019 is only available for Named users

  – Changes are coming to Creative Cloud Device licensing
    • More details to come
Licensing

• **Acrobat Pro**
  – Campus wide
  – FTE based
  – Renews in February
  – Will be last year of 3 year contract
  – Cost same as last year - $10.49 per FTE

• **Adobe E-sign**
  – Renewed
  – $1.55 per completed document
  – Have not started sending

3/10/2010
Licensing

• Mathematica
  – Renews at end of the month
  - Network license- cost same as last year
  – Cost is $475.00 per licenses
  – Cost directly from Wolfram $650.00
  – Desktop License cost is $399.00 (less than last year)
  – Cost Directly from Wolfram $595.00

• Microsoft
  – Have not started sending Invoices
Licensing

• **SPSS-Amos**
  – January 1 renewal
  – Have 400 licenses left over from last year
  – Departmental cost this year $140.25
  - Same license directly from IBM cost $595.00
  - Network/Remote License cost same as last year

• **Zoom**
  – Consolidating licensing under one CSU agreement
  – Cost will be $55.00 for Zoom Pro
  – Still finalizing
RAMtech

• Faculty & Staff Appreciation Night
  – Location: Bookstore
  – Date: December 5, 2018
  – Time: 4:00 to 6:30 p.m.
  – IPad, Beats and Computer giveaways

Questions
Q. What do you call a group of network engineers?

A. An outage. – Pete Lumbis
NOC/Telecom

1. Upgrades
   • Comm rooms
   • Construction
   • Wireless

2. Policies/procedures
Building MDF/IDF upgrades completed since last meeting

Education – 4 chassis-based switches
Visual arts – 2 chassis-based switches
Building MDF upgrades pending

The following are getting 2nd mgmt module for redundancy:

- AZ
- BSB
- Clark
- Natural Resources
- SBB
- Shepardson
- Stadium
- Yates
Building MDF upgrades pending

The following are getting newer, high-end switches (HPE/Aruba 5400 "R" series) along with 2nd mgmt module:

– Engineering
– Gifford
– MRB
– Rockwell
– Weber
Construction
Wave 1 & 2 WiFi upgrades

- Washington School (Wave 1)
- Clark A, B, C non-classroom areas (Wave 2 – Winter Break)
- Hartshorn (combination Wave 1 and 2)
- SBB (Wave 2)
- Yates (Wave 2)
Where in the United States are your eduroam guests coming from?
Where in the world are your eduroam guests coming from?
IDF Funding

Nearly $3M of funding may be available from the State of Colorado to support this refresh activity – will require co-sponsorship from CSU stakeholders starting in FY21:

– Students
– Central
– Per FTE
BLACKOUT!

– Start: 5pm the Friday before Finals (Dec. 7)

– End: 11:59pm the Tuesday after Finals (Dec. 18)
Thank you
Security Conversation

Steve Lovaas
University Information Security Officer
Topics:

• Status update: Cybersecurity Internship Program
• Discussion: Anti-malware
• Discussion: Disk/File encryption
• Discussion: Vulnerability management
Cybersecurity Internship Program

• 11 undergrads and 3 grads on campus (another 2 in Pueblo)
• Starting now (undergrads' first day was yesterday)
• Gradually building skills and learning our existing apps/processes
  – Web
  – End-user/Endpoint
  – Threat/Vulnerability
• Will be addressing improvements and additions as they ramp up
Discussion: Anti-malware

• Q: Anyone using products other than Defender for Windows?

• Q: Anyone using more than one product?

• Q: What about Macs?

• Q: How are you managing anti-malware, getting reports, etc.?
Discussion: Disk/File Encryption

• Q: Has anyone been doing this locally?

• Q: Are people allowing sensitive data on mobile devices?
  – IT Security Policy says encryption is required
  – But when we offered an encryption product, nobody used it
Discussion: Vulnerability Management

• Q: Do you have access to ACNS monthly Nessus scans?

• Q: Do you act on the findings each month?

• Q: Are you alerting us for critical/high findings?

• Q: What changes would you like to see in the process?
Other Topics For Discussion?

What’s On Your Mind?
Next:

Apple presentation to follow:
• Updates for Higher Ed
• Deploying macOS Mojave
• Enterprise Connect.

Next Subnet Managers Meeting:
Wednesday, March 27, 2019
10 – 11:30 am
LSC 376– 378