



Subnet Managers

December 4, 2019

At least it's not
Winter!



What's On The Agenda

- ACNS/Telecom Project Updates – Dave Hoffman, ACNS
- IS Updates – Candace Ramsey
- Microsoft – Lance Baatz
- RAMtech / Licensing – Diane Noren, ACNS
- Middleware Update – Randy Miotke, ACNS

What's On The Agenda

- Security Updates – Steve Lovaas
- Network Operations Center Updates, Greg Redder, Jason Huitt
- Subnet Managers Check In – Where Do We Go From Here?

ACNS/Telecom Projects

December 4, 2019



COLORADO STATE UNIVERSITY

**ACADEMIC COMPUTING AND
NETWORKING SERVICES**

601 S. Howes Street
Fort Collins, Colorado 80523-1018
www.acns.colostate.edu

**OFFICE OF
TELECOMMUNICATIONS**

Engineering South/Glover E-100
Fort Collins, Colorado 80523-1009
www.telecom.colostate.edu

Changes remain in the air!

- Voicemail
- Microsoft Teams Voice & Security



MyPhone Voicemail

Live on November 18

- Beat the Dec. 1 deadline of Microsoft no longer supporting our Session Border Controllers for sending VM to Email
- Issues should be reported through the helpdesk



Microsoft Teams Voice & Security

Teams Voice

- Engaged a consultant to help us get our infrastructure in place
- A small team of folks has been moved to Teams and is testing and working out bugs and configuration issues
- Next steps will be to expand the pilot to some of our champions.

Teams Security

- Advanced Threat Protection for email
- Defender Advanced Threat Protection
- Risky Sign-Ins
- Data Loss Prevention (detecting sensitive information)
- Cloud App Security
- Dashboards and Pro-Active Incident Response



Colorado State University

Information Systems – Candace Ramsey

- Quali Cloud Project
- Joint Banner Project Status

Microsoft Updates – Lance Baatz

Announcing...

Private Channels for MS Teams!

<https://docs.microsoft.com/en-us/MicrosoftTeams/private-channels>

Create a channel for "ACNS Dev" team

Channel name

Demo Private Channel

Description (optional)

Help others find the right channel by providing a description

Privacy

Private - Accessible only to a specific group of people within the team ✓ ⓘ

Standard - Accessible to everyone on the team

Private - Accessible only to a specific group of people within the team ✓

Early Office 365 ATP “Wins”:

- Email removal tools
- Effective URL blocking
- Investigating...
 - Developing automated response
 - Improved Reporting

On the Radar (Spring to Summer)

- Azure AD Domain Join
- Office 365 Device Based Subscription
- Skype to Teams



Diane Noren

LICENSING

Adobe:



- **Creative Cloud**
 - Renewed Sept.30
 - \$263.50 per Named User
 - \$199.75 per Shared-Device



- **Acrobat Pro**
 - FTE based
 - Renews February

Licensing

Mathematica

- Renewed Nov.30,2019.
- Billing in process.



- **Microsoft**

- EES renewed July 1.
- I have not started billing yet.
- Need updated contact emails for each Department.



Licensing

- **SPSS-Amos**

- January 1 renewal
- New contract in process
- Need to know who is participating



- **NVivo**

- \$300.00 for NVivo Pro





- **Apple**
 - New 16” MacBook Pros on order

- **Faculty & Staff Appreciation**
 - Location: Bookstore
 - Date: December 4,2019
 - Time: 10:00am to 6:00 pm
 - Drawing / giveaways 5:30 pm

Middleware and IAM

Randy Miotke

IAM, Sam I Am, I Am What I Am, Rama Lama Ding Dong

CSU System IAM Project Phase One

- MySQL high availability database cluster
 - Status: Complete
 - Test and production instances
 - MidPoint, Grouper, COmanage
- MidPoint LDAP Cluster
 - Status: Complete
 - Test, staging and production instances
- MidPoint
 - Status: Testing
 - Test, Staging, and production instances

CSU System IAM Project Phase One

- CSU System eID self-service
 - Status: Development and Testing
- Banner-related data integrations for midPoint
 - CSU Pueblo employee
 - BANTRNG test data
 - CSU Pueblo student (Phase II)
 - CSU HR
 - CSU student
- MidPoint phase one production go-live January 15 - 20
 - Only CSU Pueblo CSU System eIDs
 - No changes or updates to Fort Collins eID or underlying processes

New Middleware and IAM Staff

- **Kayla Blackwill**
 - midPoint administration
 - Integrations/scheduling
 - COmanage administration
- **Ron Charkowski**
 - Grouper administration
 - midPoint administration
 - Integrations

Requests for Middleware and IAM Service

- Need help?
 - Use middleware@colostate.edu for all service and help requests.
 - Ensures that someone will begin processing your request.

Security Update

Subnet Managers Meeting, 12/4/2019

Steve Lovaas

Updates

- Approaching End-of-Life Status: Windows, TLS
- DUO Roll-out Status
- Web Server Security

EOL Approaching

- Windows 7, Server 2008 R2 (January 14, 2020)
 - No surprise to US – what about our users?
 - Our IT Security Policy: EOL = no more campus use
 - Just like the XP retirement
 - Hard deadline
 - Exceptions evaluated case-by-case
- TLS versions 1.0 and 1.1 (March, 2020)
 - These versions are from 1999, 2006
 - 96% support for TLS 1.2 (Qualys, November 2019)
 - Avoid malicious connection downgrades

DUO Roll-out Status

- All ACNS and IS staff now using DUO for O365 login
 - Applies to web and desktop clients
- Discussing DUO in schedule of Joint Banner Project
 - Adding Pueblo to licensing
 - Apply to a subset of Banner functions for Pueblo AND Fort Collins
- Current project request
 - Protect RamWeb student financial aid refunds

Web Server Security: Next Steps

- Internet-facing web servers: one of our biggest exposures
 - Commercial scans: BitSight, SecurityScorecard
 - Free scans: DHS CyberHygiene, Utxexas Dorkbot
 - Internal: Nessus monthly scans, Burp Enterprise scans on request
- Request from YOU: a list of what's considered strong/weak
 - Web applications, plugins protocols, configurations, ciphers
 - Building a Standards page
 - Will enforce for NEW port 443 requests, and review current rules
 - Stronger than today's Qualys test

Security Questions?

Networking / Telecom – Greg Redder, Jason Huitt

Say It Ain't So, Joe!





Welcome Jason!



“Alright! Jason’s in the club!”

Name something that all Subnet Managers will fill out.

Survey Says...

The Subnet Managers group survey!

- Feedback on meetings, purpose.
- Will send out by the end of this week.

That's A Wrap!

**Good Luck with the end of the
semester.**

Have a Peaceful and Restful Holiday.

