



Almost Winter Subnet Managers Meeting

Dec. 2, 2020



What if 2020 is the movie Ground Hogs Day??



What We're Talking About

IS Updates

Microsoft / Office 365

Middleware

Licensing / RAMtech

Networking

ACNS Project Updates

Security

Information Systems Updates

Josh Clark

- **HR**
- **KFS**
- **Banner**



Is this where I register for classes?

Microsoft / Ofc 365

- Lance Baatz



1st Teams Meeting!

Microsoft 365 – 3 Things



Ofc 365:

#1 – Bookings Update

Target Rollout: Over Winter Break

- Ability to Create Bookings Calendars will be removed from Portal
- Add/Delete Bookings Calendars Tools Added to RC Tools
- Existing bookings calendars will be analyzed and placed into our inventory and owners

Ofc 365:

2 – Microsoft Endpoint Manager Project Update

Target Rollout: Over Winter Break

- Will allow for colleges/departments to manage Mac and iOS devices using Microsoft Endpoint Manager
- RC Tools to allow creation of Azure Only groups (has uses beyond Endpoint Manager)
- Integration with Apple School Manager
- More Details to be Announced...

Ofc 365:

#3 – In the Works or on the Horizon

1. CSU IAM/CSU Pueblo work
2. Office 365 MFA (1st half of 2021)
3. Teams Naming Convention Enforcement – Sync job was disabled; will be brought back online over Winter Break

Middleware / Identity Management

Randy Miotke

In the chat please type the name of a person, super hero, or villain who can change their identity by putting on or removing glasses.



Dark glasses can conceal your identity!

CSU System IAM Project

- New HA PostgreSQL database
 - MySQL replacement
 - Grouper in production - verifying processes
 - midPoint to follow late December or early January
- DUO implementation for Banner admin scheduled for January
- NetID Joint Banner Project dashboard:
 - <https://app.smartsheet.com/b/publish?EQBCT=e088a7ccf6764d63aad82825d117c78f>
- Campus IAM project web and marketing communications in-progress
- Email systems in design/development stage

CSU System IAM Project

- midPoint
 - Pueblo has been activating NetIDs since February
 - CSU-Pueblo full migration December 16-18
 - CSU eID to midPoint migration scheduled for late July
 - Beginning to test eID account migration

- WEID Data post eID
 - WEID direct replacement for limited time
 - New midPoint directory views
 - Person data
 - HR data
 - Student data

Middleware/IAM Systems and Integrations

- IAM systems patch cycle
 - IAM stack application patches follow Infrastructure OS schedule
 - OpenLDAP, Grouper, midPoint, COmanage, Shibboleth IdP, RabbitMQ
 - Testing Shibboleth IdP v4
- SAML SSO integrations
 - Check with vendors for InCommon Federation membership
 - Ideal for a seamless integration process
- Grouper Canvas section groups in review
 - Group lifespan
 - Organization and configuration

RAMtech / Licensing

- Diane Noren

In the chat please type the name of the first word processing software you ever used.



The licensing bell tolls!

Licensing

Adobe:

- **Creative Cloud**

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



- **Acrobat Pro**

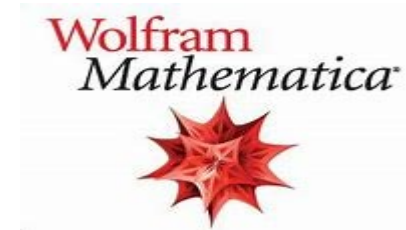
- Named user -\$13.55 per FTE
- Need updated FTE counts
- Counts to RAMTech by December 15.
- Renews February 15
- Individual license \$59.99



Licensing

Mathematica

- Renewed Nov.30,2019.
- Cost remained the same.
- Billing in process.



- **SPSS-Amos**

- January 1 renewal.
- Contract renewal in process.



Licensing

- **Billing still in process for**
 - Microsoft
 - Maple
 - Zoom
- **Apple**
 - New M1 chip computers have been ordered.
 - Seeing 2-3 weeks for most products.

RAMtech

Questions ?

Networking & Telecom

- Jason Huitt



The question is, can we move our on campus phone??

No

New Telecom Billing System

- Going live in December
- Telecom is reaching out to departmental billing contacts
- New web-based system will deliver better bill visibility and hopefully eliminate paper waste
- Questions? Contact us at telecom@colostate.edu

Teams Voice Pilot Update

- Pilot phase of the project is concluding in December
- Team is preparing to present a recommendation to proceed to the CIO and CSU leadership in the coming weeks
- No new users or use cases are being entertained presently as we wrap-up a few remaining technical details
- Details about the recommendation and funding model will be shared very soon

IS / ACNS/ Telecom Projects

Dave Hoffman

Remember, a gathering of turkeys is called a rafter.

For pre historic turkeys, they would be veloci-rafters!



Manage resources wisely!

Changes are in the air!

- New Telecom billing system
- MS Endpoint Manager Pilot with CVMBS
- Atlassian Software Licensing and Access
- Joint Banner Project
- Kualu to the Cloud
- New Identity Management System to Replace eID
- Duo 2FA for Office 365



Duo 2FA for Office 365

Why are we changing

- Provides one more layer of protection against phishing and other email scams
- Sets the stage for rolling out Duo to other applications across campus
 - Like HR Direct Deposit changes



OK, maybe you need more than sunglasses!

Who will this impact?

- All CSU Faculty, Staff, and Students
 - 95% of Faculty and Admin Professional Staff
 - 50% of State Classified Staff
 - 25% of Students
- Potentially
 - Retirees
- No impact
 - Students with gmail accounts
 - Applicants

What Changes

- Two-Factor authentication when logging into O365
 - First time and when password changes
 - When accessing from a new device or browser
- Questions:
 - Legacy email applications (SMTP & IMAP)

Timeline

- December: Establishing the Communications Team and Project Plan
- January: Set a cutover date
- February to Cutover: Communications Campaign
- February to Cutover: Opt-In period (under consideration)

Thank you



Colorado State University

Security

- Steve Lovaas

In the chat name the first computer virus you encountered.



Identifying vulnerabilities
Do Not try this at home!

New to the Security Office

- Andrew Diesh
 - Hired in October
 - Working 50% from his home in California (he plans to move here post-COVID)
 - Will be focusing on developing our Incident Response capabilities & plans
 - Expect to hear from him as he learns the ropes of our Nessus scans and other threat & vulnerability management systems



Expectations

- We provide alerts from a variety of sources, letting you know about system/application vulnerabilities (suspected or confirmed), configuration errors, and sometimes actual compromises.
 - Nessus, UT DorkBot, REN-ISAC/MS-ISAC, DHS/CISA CyberHygiene, etc.
- Here's the expectation for response (based on NIST and other best-practice sources for vulnerability management practices)
 - Live exploit/compromise: immediate response (with us)
 - Critical vulnerability: address within 15 days
 - High-risk vulnerability: address within 30 days
 - Medium/Low-risk vulnerability: fix as resources are available, goal = 90 days

Lets Say Goodbye to 2020!



In the chat, in 2 – 3 words, type something you enjoy doing during the holiday season.

Next Subnet Managers Meeting

Wednesday, March 24, 2021

10 – 11:30 AM

Happy, Merry, Perform Feats of Strength

Peace!