CAMPUS TECH MEETING

Monday, October 22, 2018
Agenda

- Information Security Audit Update
- Duo Implementation
- GlobalProtect
- LogRhythm
- Dropbox & Zoom Update
- Device Management Update
- VMware Infrastructure
- Survey
Information Security Audit Update

Tony Modiri
Information Security Audit Update

- 2FA/MFA with Duo
- Sensitive Data Inventory
- Hardening standards for servers
- Windows Server Hardening Checklist
- Linux Hardening Checklist
- VMWare Baseline Hardening
- Server, Workstation and Web Application Policy
- Server, Workstation Routine Scan and Remediation
Duo Implementation

Scope – Tony Modiri
Enrollment – Hector Ramirez
Scope

- 2FA/MFA with Duo – CSUF Scope
- Global Protect VPN service (Phasing out Juniper SSLVPN) Server Administration access to servers
- Wireless and off-campus access to services behind campus portal
- Implementation Plan
  - Phase 1: System admins and Student Health Center – completed
  - Phase 2: PeopleSoft power users/VPN user – November 2
  - Phase 3: All campus users – Spring 2019
List of Software in Scope

- 25Live
- Academic Advising
- Academic Technology Center
- ALEKS
- Baseline
- Blackboard
- CalState Online
- Campus Computer Labs
- Campus Floor Plans
- Career Center
- CCAR
- Class Schedule Search
- CMS Documents
- Compliance Assist
- Computer Labs Availability
- Concur
- Connections
- Curriculog
- Data Security Training
- Digital Measures
- Digital Printing Services
- Do-It-Yourself Help Guides
- DropBox
- Email
- Employee Training Center
- Equipment Checkout
- ESM Solutions
- Facilities Link
- Faculty Center
- Faculty Equity Program
- FileNet
- Final Examinations
- Get Involved
- Graduated Student
- Housing Application
- iFullerton
- Incident Report
- Interfolio
- IT Purchasing
- IT Services
- IT Training
- Learning Outcomes
- Lynda.com
- Meeting Attendance
- Merlot Communities
- Mihaylo Careers
- Mobile Device Statement
- My Calendar
- My Courses
- My CWID
- My WorkPlace
- NBC Learn
- OfficeMax
- Old Virtual Computing Lab
- Online IT Help
- ORCID
- Parking Services
- Parking Space Availability
- PCard
- Perkins Loans
- PERTS
- Portal Help
- Portal Messages
- Printers, Copiers, Scanners
- Qualtrics
- Red Folder
- Scholarships
- Search CSUF
- Security & Tips
- Service Now
- ShareStream
- SkillsPort
- Smart Group Study Room
- Software
- SOQ
- Student Center
- Student Clearinghouse
- Student Email
- Student Genius Corner
- Student Handbook
- Student IT Help Desk
- Student Title IX
- Student Training
- Technology Services
- Textbook Adoption
- Titan Advisors Network
- Titan Apps
- Titan Degree Audit & Planner
- Titan Direct Access
- Titan Online
- TITANable
- TitanCard Deposit
- TITANium
- TitanLink
- Vault
- Virtual Computing Lab
- VitalSource
- VMock
- VoiceThread
- Web Meetings
- WebCams
- Wireless Internet Access
Enrollment

• Information and guides
  http://www.fullerton.edu/it/campaigns_events/2fa

• Complete enrollment by visiting
  https://duoauth.Fullerton.edu
Enrollment

- **Methods to authenticate with Duo**
  - Mobile phone (recommended) – Push, text, call, passcode
  - Tablet – Push, passcode
  - Keychain fob – Passcode
  - Landline – Initial enrollment will call office extension and you can add any additional phone numbers to call
  - We are not using or deploying U2F (USB type device that plugs into your PC)
GlobalProtect

Jay Lin
GlobalProtect

• Palo Alto Network VPN from Firewall
• Agent based VPN solution
• Compatible with Windows, MAC, Linux, Android, iOS, and Chromebooks
Why GlobalProtect

- Current VPN: SSLVPN - Juniper Pulse Secure MAG4610 – EOL
- From SSLVPN (Clientless) to Client Agent based
  - Single pane of glass from single vendor – Palo Alto Network
  - Split Tunnel and Full Tunnel (New)
- Cost. New hardware, annual maintenance
- DUO 2-Factor Authentication mobile app (Required)
- Compliance and Audit Required

- Current VPN users need to install GlobalProtect before **October 31**
  - Download & Install GlobalProtect (the VPN Agent)
  - Run & Authenticate to the Campus VPN
LogRhythm

Jay Lin
LogRhythm

• Traditional: Searching Logs in Network Syslog, Firewall log, Windows Event, DHCP / DNS logs

• Security Information and Event Management system (SIEM)
  • Collects and aggregates log data generated throughout the IT infrastructure
  • Use machine learning to categorizes incidents and events analyzes them
  • Report based on security related incidents and events
  • Send alerts and respond based on incidents and events

• Part of CO’s Common Network Initiative Project

• Centralize logging provides single console to search across different log sources

• Event correlations between log source and compliance
LogRhythm

• Phase 1 – On boarding different log source to LogRhythm
• Phase 2 – Threat Management – Log fine-tuning
Dropbox & Zoom Update

• Dropbox Team Folders
  https://www.dropbox.com/help/business/team-folders

• Migrating server content to Dropbox using Mover.io

• Dropbox Paper
  https://www.dropbox.com/paper

• Zoom Managed Domains
  https://support.zoom.us/hc/en-us/articles/203395207-What-is-Managed-Domain-
Device Management Update

Hector Ramirez, JP Marquez, Vu Ho
Apple

- iMac, MacBook, iPhone, iPad and Apple TV are managed via Jamf as long as they are enrolled
- Apple Device Enrollment Program (DEP)
- Future of imaging for iMac, MacBook
- App deployment
PC

• PC Desktops managed with SCCM
• Unified Write Filter (UWF)  
  https://docs.microsoft.com/en-us/windows-hardware/customize/enterprise/unified-write-filter
• Software Center
• Office 2019 coming soon – exclusive via Software Center
• \adselect\shares1\ClientSoftware\SCCM\Client\cc msetup.exe
VMware Infrastructure

Bill Elbettar
VMware Infrastructure

Current Virtual Infrastructure:
- 32 VMHosts
- Running VMware ESXi 6.0

Upgrade Details:
- 14 VMHosts
- Newer CPU and more memory
- Adding NetApp Shelve est. space 48TB
- Upgrade to VMware ESXi 6.x
- Entire NetApp Storage will have encryption
- Re-design VM clusters
VMware Infrastructure

Timeline:
• Completed by end of November

Action Item:
• Upgrade VM tools to the latest version after the upgrade
Survey Instructions

- On your mobile device or laptop’s browser, type [http://srs.campuslabs.com](http://srs.campuslabs.com) or just scan the QR Code here:
- Enter your First Name, Last Name. You can use “Tuffy Titan” as your first and last name
- Enter the Connect ID (12244)
- Tap/Click on “Connect” button to join the session
- Once a question appears, answer the question and tap/click “Submit.” You may have to scroll down to access “Submit” button
QUESTIONS?

THANK YOU!