

# 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](http://www.fullerton.edu/it/campaigns_events/2fa)

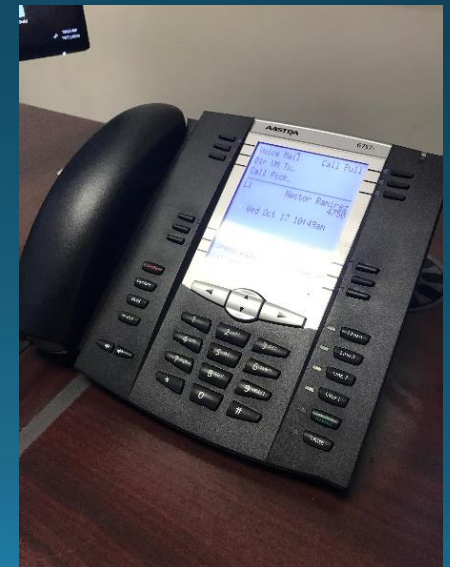
- Complete enrollment by visiting

<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

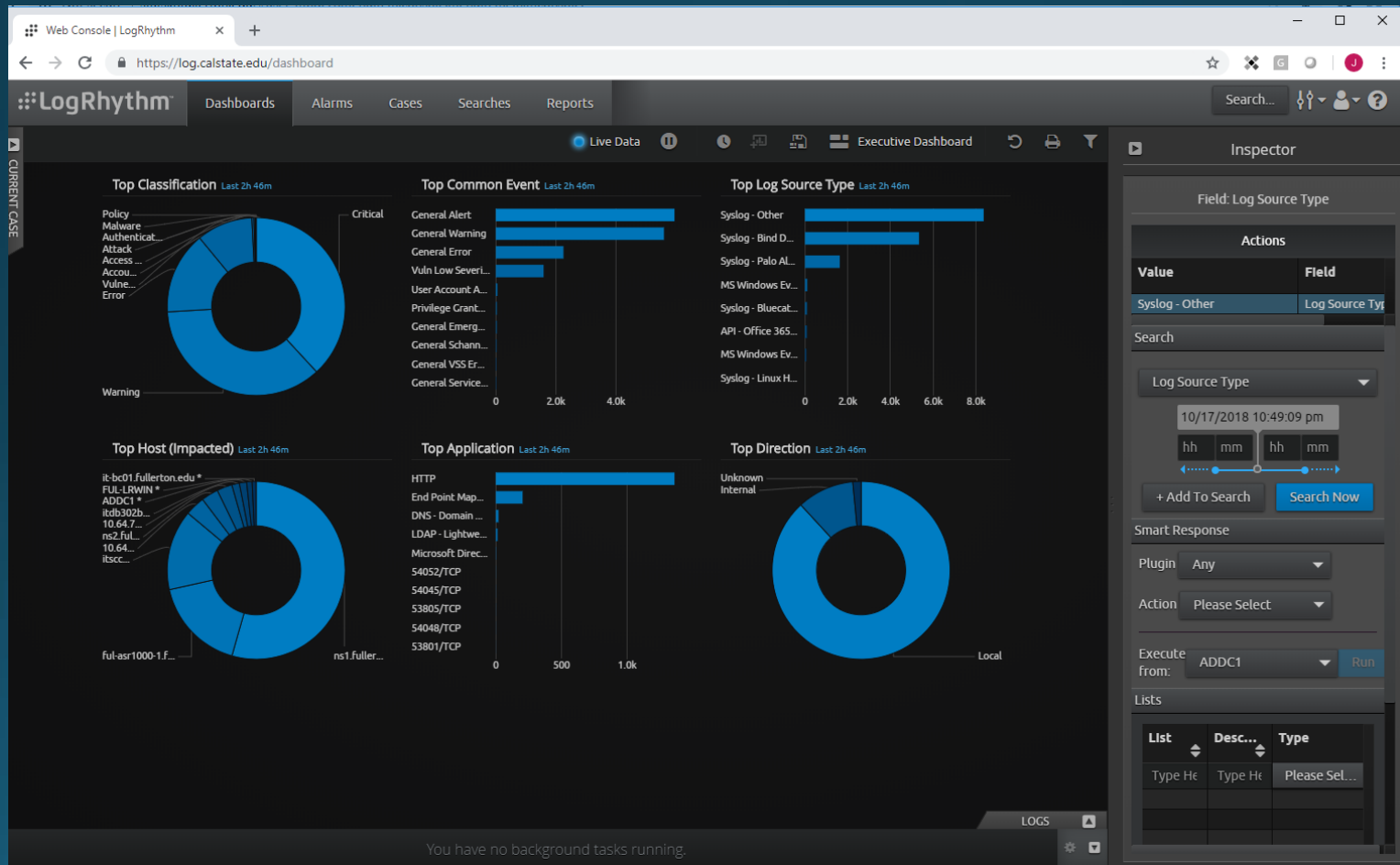
Jay Lin

# 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

Hector Ramirez



# 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

# Device Management Update

## 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

# Device Management Update

## 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\ccmsetup.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> 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!