



Information Security Workgroup

January 5, 2024

Memorandum - 2024Q1 Notes

I. Sender Policy Framework (SPF) Changes

- Last quarter, Tim Ross shared updates on our implementation of SPF at Cal Poly. Thank you to all who helped us identify third-party vendors/applications. Tim and the network team enabled SPF on December 18 without issues.
- The email team is monitoring to ensure no issues as Cal Poly ramps up in the new year. Once the team is confident with the results, our next step to improve email security is to change our DMARC record to "Reject" or "Quarantine." Domain-based Message Authentication, Reporting, and Conformance (DMARC) is a standard email authentication message to prevent spoofing our domain.
- The last phase of our email security journey is to enable DKIM on our on-premises mail servers. DomainKeys Identified Email (DKIM) adds a digital signature to each outgoing message, verifying it came from Cal Poly. DKIM is already enabled for all mail sent from our Office 365 tenant.

II. Implementing DUO Universal Prompt

- We will migrate to Duo's Universal Prompt this quarter, February XX. Why are we changing? As of March 30th, Duo will no longer support our implementation of Duo prompt. Duo's next-generation authentication experience, the [Universal Prompt](#), provides a simplified and accessible Duo login experience for web-based applications, offering a redesigned visual interface with security and usability enhancements. ITS will publish articles in the Cal Poly Report and update our Knowledge Base Articles.

III. Server Security Initiative

- One of the problems plaguing Cal Poly for many years is we often need to catch up on maintaining the currency of our server operating systems. ITS is working on developing a mechanism to define what server operating systems we will be able to support and a plan to keep them current moving forward, supported by the vendor, supported by our security suite, and able to meet the needs of the campus.

IV. ICT Tidbits

- ICTs are required for grant-related ICT products and services.
- [Emerging technologies](#) are potentially hot IT trends (e.g., artificial intelligence); we need to review how they will be used on campus.
- We will resume ICT renewal reminders (60-30-15 days out); these were paused during work on transferring ATI data to the new SharePoint.
- If you hear of procurements in your areas that do not fit nicely in our [ICT Policy](#) but involve sending vendors Cal Poly data, please let us know, and we can provide guidance.

- We've streamlined where to find ICT resources; click the "Trending" tab.
(<https://cpslo.sharepoint.com/sites/ATI-Procurement>)

V. Status of Action Items

[X] Doug Lomsdalen / Tim Ross Draft SPF email for ISCs

VI. Next Meeting

April 5th, 2024 @ 1:10pm