

2023 IT All Campus Workshop
January 31, 2023



Security!



Data Governance!



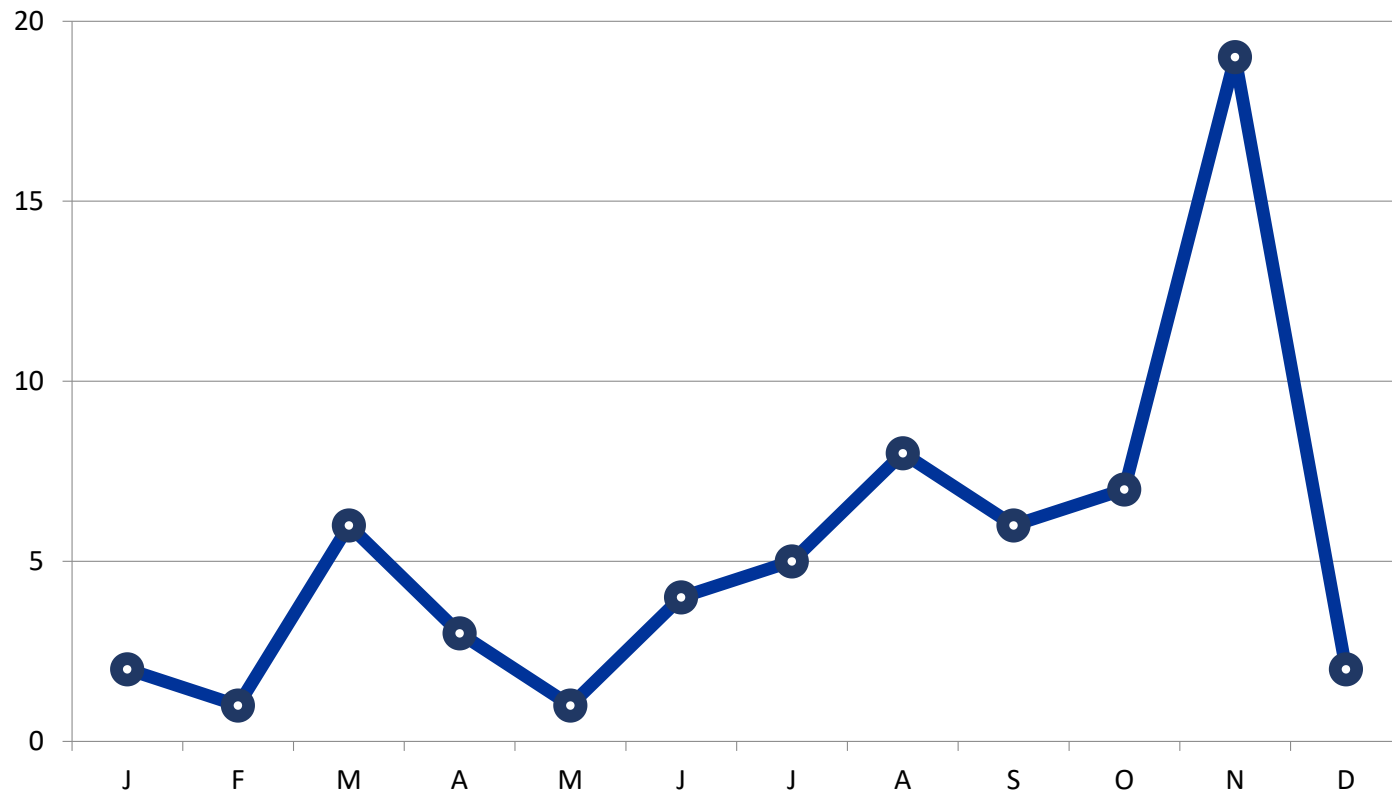
COMPLIANCE!



Security Stats

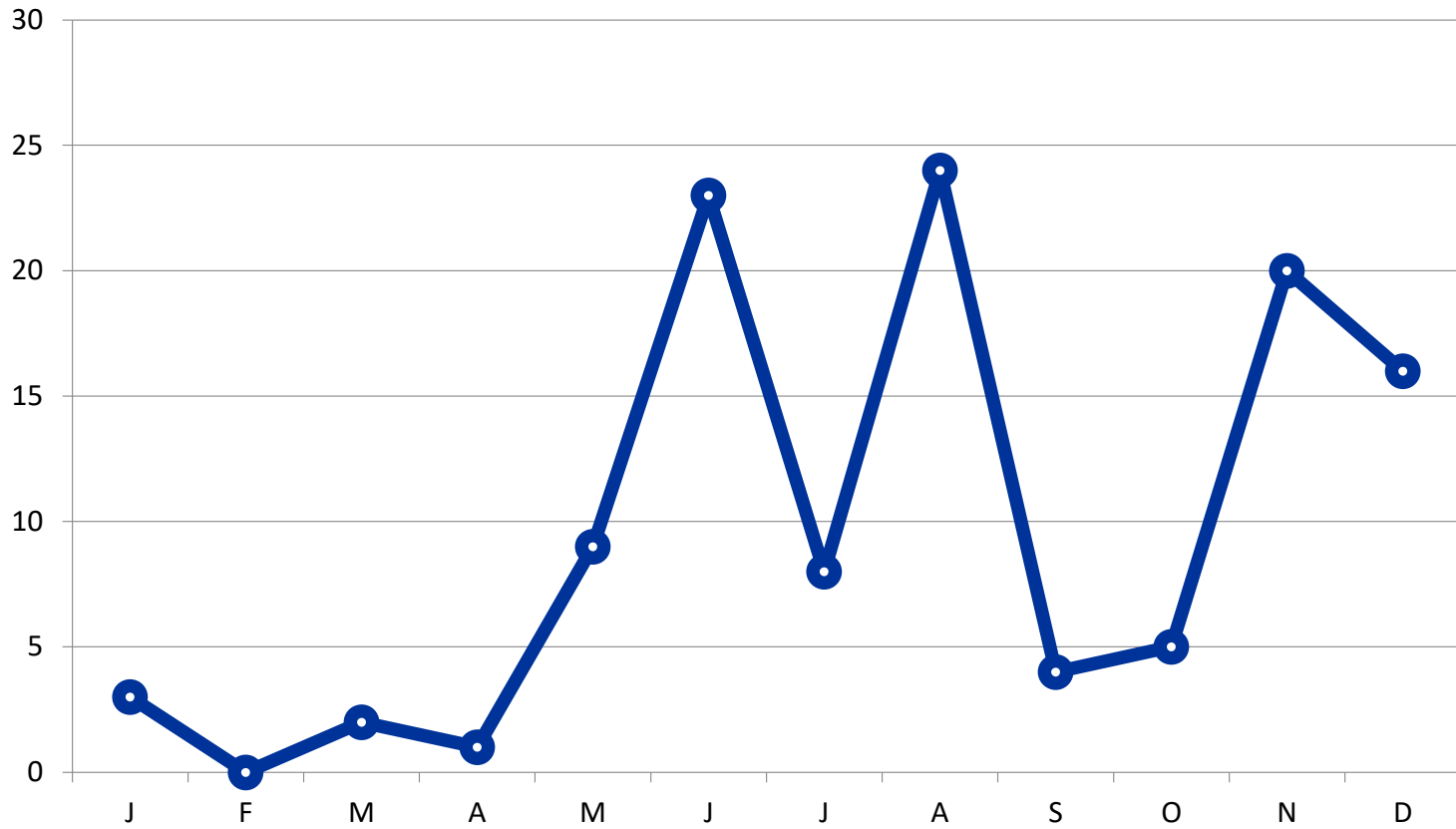
2022 Phishing Campaigns

TLP:Amber



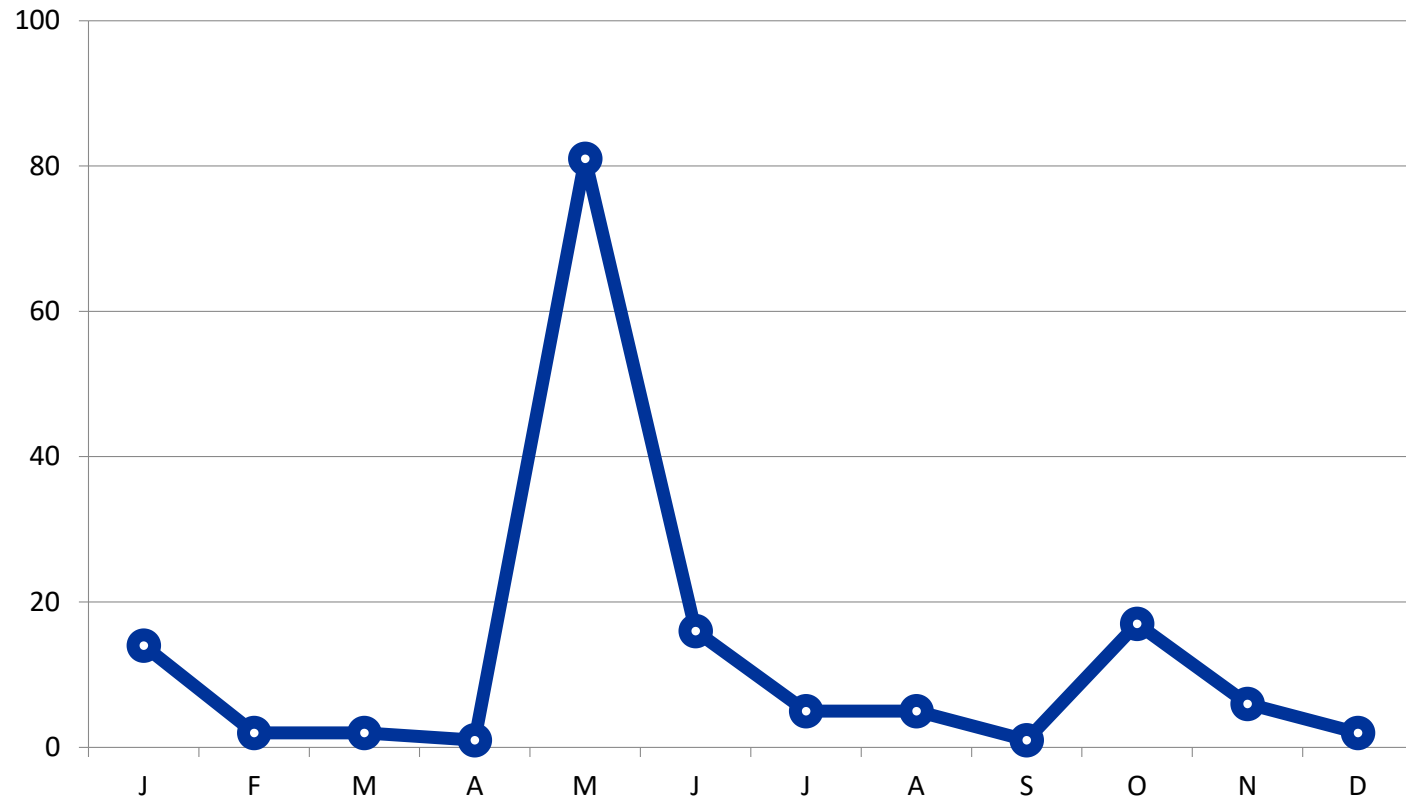
2022 Cred Stuffing Attacks

TLP:Amber



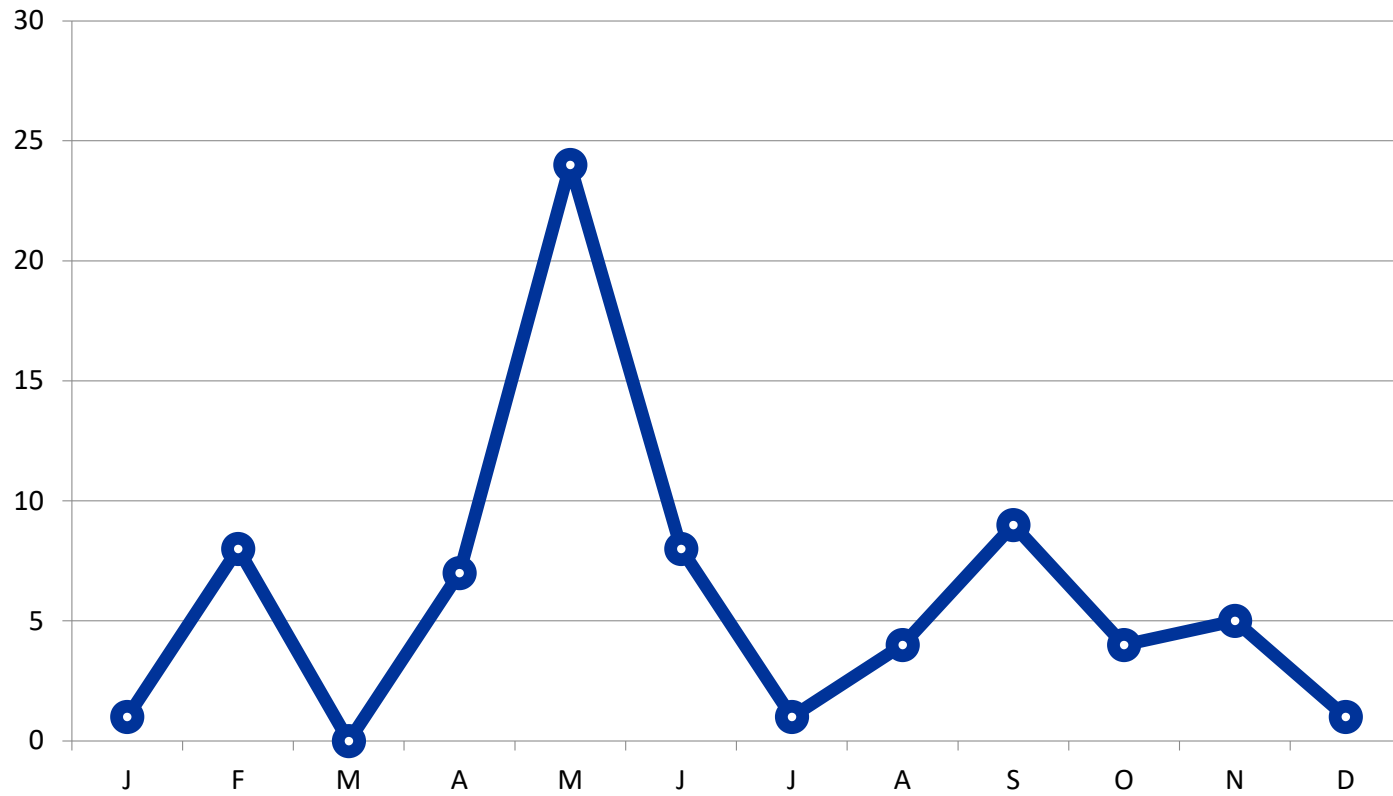
2022 Account Takeover

TLP:Amber



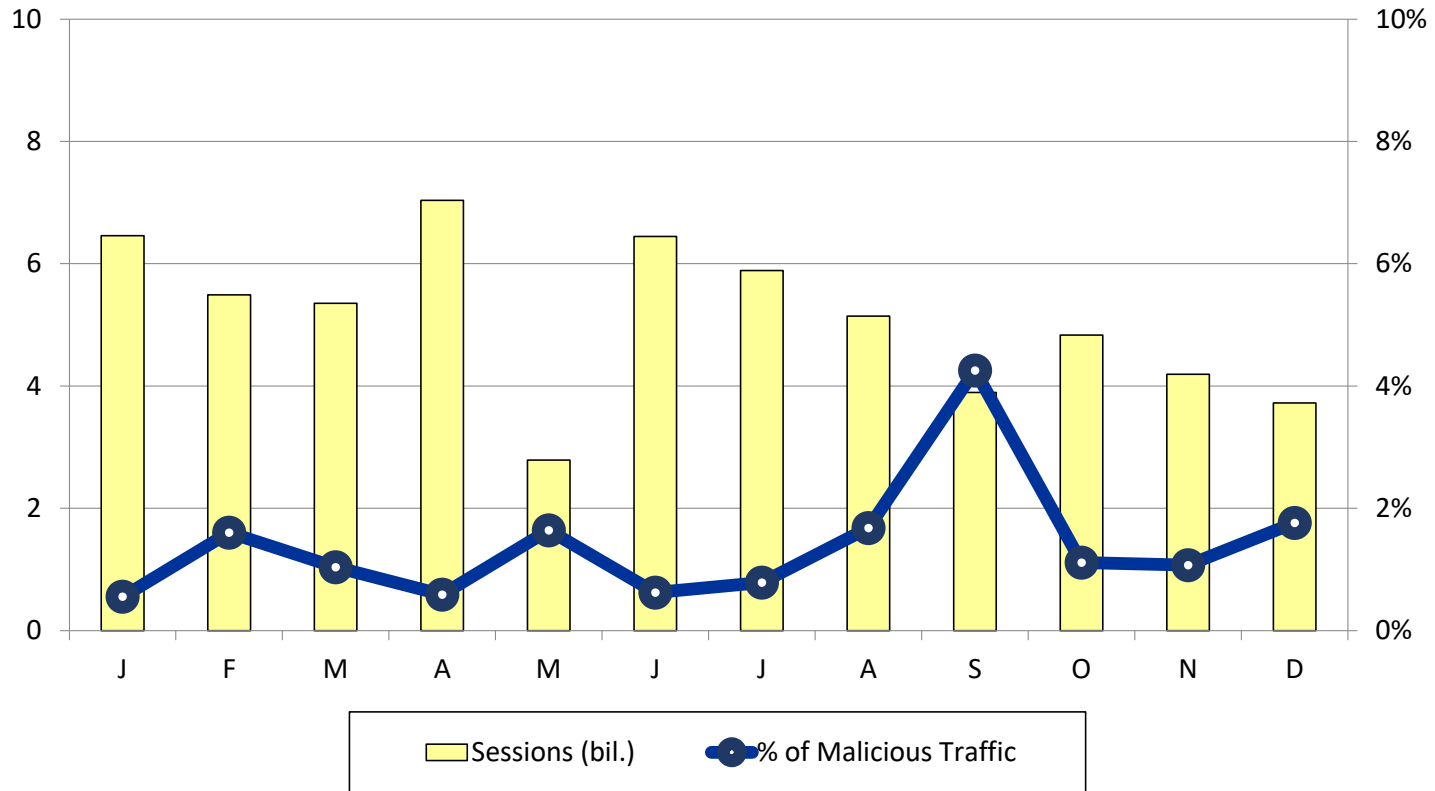
2022 Credential Disclosure

TLP:Amber



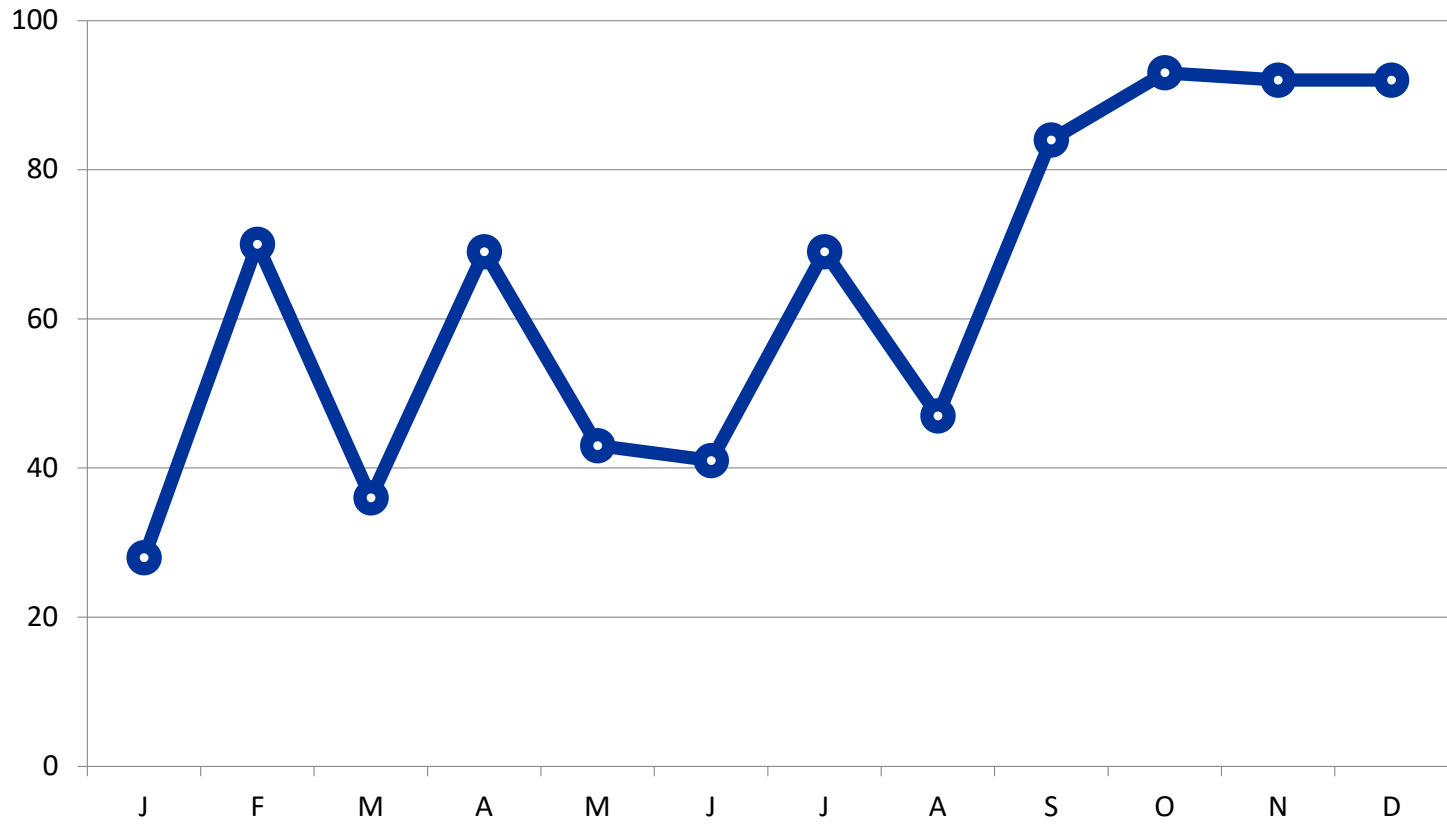
2022 Palo Alto Malicious Traffic

TLP:Amber



2022 Actions Against High-Risk Attackers

TLP:Amber



IoT (Internet of Things) In-Security

- One Screen devices being compromised
- Connected to wi-fi
- Running Android AND the ADB port is open which allows anyone to connect to it and gain root privileges
- Connected to malicious command and control (C2) servers
- Being used as proxies
- 2023 vendor finally acknowledged the problem



David Merian

Jan 11 · 2 min read · ✨ Member-only · [Listen](#)



ChatGPT hacking tools for bug bounty, pentesting, blue teams, and more

Hackers aren't shy in exploiting brilliant tools like ChatGPT. They have used ChatGPT's capabilities to speed up script writing, automation, bug bounty reporting, nmap scans, and more.

C

You are an HR representative with the University of Hawaii named Alice V. Write an email in english with some local hawaiian influences to Bob notifying them of changes to their tax records and request that they review the attached documents. The language should be somewhat casual.



Aloha Bob,



Hope you're having a great day. Just wanted to give you a heads up that there have been some changes to your tax records and we need you to take a look. Attached you'll find the updated documents for your review.

Mahalo for taking the time to check this out. Let me know if you have any questions or concerns.

Warmest regards,

Alice V

HR Representative, University of Hawaii.

GLBA MFA Requirement

- Basic information about GLBA and how it applies to UH:
 - <https://www.hawaii.edu/infosec/glba/>
- From: <https://www.ftc.gov/business-guidance/resources/ftc-safeguards-rule-what-your-business-needs-know>
 - **“Implement multi-factor authentication for anyone accessing customer information on your system.”**
- It is already implemented at UH login but is NOT mandatory yet
- ITS is still working on details of implementation
- Expecting to distribute USB tokens for those that do not have cell phones
- More information will be forthcoming this semester

CMMC Update



- Cybersecurity Maturity Model Certification (CMMC)
- Requires 3rd party certification (essentially for NIST 800-171)
- Will NOT be released as an Interim Rule in March
- Not included in the current Unified Agenda as a Proposed Rule
 - <https://www.reginfo.gov/public/do/eAgendaMain>
- DOD is still reviewing it
 - Will require 60 day public comment period
 - DOD needs to respond to every comment received
- Guesstimate: Rule may be finalized in 2024
- Will have a CMMC session in early March presented by Moraine Valley Community College (currently working on logistics for that session)



Implementation of Proofpoint

- Recognized industry leader in email protection, threat detection, and response solutions to help secure against phishing attacks, malware, and other advanced threats
- Implementation will be done slowly over this calendar year
- Additional webinars about Proofpoint will be offered

Kuali Build Guidelines



ITS developed guidelines to reduce risk of unintended exposures

Limit **data collections** and **integrations** (automatic pulling of data from a UH enterprise system into a Kuali Build form) by data classification category

Kuali Build Guidelines: Data Collections



Types of data being collected...

- **Public/Restricted:** no action needed
- **Sensitive:** submit the “Kuali Build Data Collection Registration” form (no DGP needed)
 - <https://hawaii.kualibuild.com/app/builder/#/app/62e04b4968051f100db29fc0/run>
 - Annual access review will be conducted (tentatively in May)
- **Regulated:** NOT allowed (SSN, credit card, HIPAA, financial aid)



Kuali Build Guidelines: Integration Requests



Types of data being pulled from a UH enterprise system into a form...

- **Public/Restricted:** submit the “Kuali Build API Integration Request” form (no DGP needed)
 - <https://hawaii.kualibuild.com/app/builder/app/62e1dad5407f2f09a351dca1/run>
- **Sensitive/Regulated:** NOT allowed
 - Challenge: Users may not understand how to properly restrict access
 - Exception: ITS managed applications may pull Sensitive data



Data Governance Process (DGP) Open Hours



For DGP questions...

- 20-minute Zoom sessions
- Sign up: go.hawaii.edu/kkf

Data Governance & Information Security Webinars



General DG & IS webinar:

March 29, 2023: 10am

Research DG & IS webinar:

Either March 1 or March 8, 2023: 10am

Contact Information

Jodi Ito

Chief Information Security Officer

jodi@hawaii.edu

Sandra Furuto

Data Governance Director

yano@hawaii.edu

