

University of Alaska

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IT Security Update



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Multi-factor authentication testing

- Additional level of security
- Works by delivering a unique 6 digit token that expires via phone, SMS or smartphone app login approval
- Security & IAM testing MFA for Single Sign On (SSO) enabled web apps and VPN

Adobe Breach Implications

- Adobe ID's for ~3.8 million accounts breached in Oct. 2013
- Breach data published on Hacker site in Nov. 2013
- The data contained 2,114 UA email address as AdobeID usernames and their AdobeID password
- UA affiliated account holders were contacted and encouraged to change their UAusername password if it is the same as the one they used at Adobe
- To Date, NO UA system has been compromised

Ransomware Mitigations

- In October UAF & SW rolled out policies to mitigate the current wave of ransomware
- Coordinated with UAA & UAS to incorporate these into their environments

Closed External Audit Findings

- Implement central log collection and monitoring for all servers. Ensure that administrator access logging is configured. : *a project to migrate existing services to the central log repository is underway, lead by OIT Security. OIT Security has draft service documentation out for review and comment.*
- Video monitoring or cardkey access to major network rooms: *existing controls adequate*

Closed External Audit Findings

- Implement password vault : *provided outreach to staff via information security training, password management and guidance for tool selection*
- Improve tracking of security activities: *All OIT security activities are now tracked and managed through ticketing systems*

Working with UAA to Reduce Copyright Infringement

OIT & UAA ITS are partnering to share knowledge and support investigation of copyright infringement claims through:

- sharing logging requirements
- sharing investigative workload
- Partnering with UAA Student Services for judicial action

Questions & Comments