Information Security in the Montana University System

Legislative Information Systems Audit

May 2022

What did the audit do?

- Reviewed information security governance practices and staffing

- Assessed aspects of each university's security program

- Contracted with an outside consultant to identify security vulnerabilities at MSU and UM

What did the audit recommend?

Recommendations to OCHE

- Update system security policies to provide a security framework
- Improve IT governance practices and ensure OCHE has an active role in improving the overall security posture of the MUS

UM

- Update and formalize security program job descriptions and complete a comprehensive IT risk assessment

MSU

- Complete a comprehensive IT risk assessment to mature security procedures

MUS Response/Opportunities

- Established a workgroup to identify information assets and appropriate security frameworks (**CIOs, CISOs, audit & compliance**)

- Update BOR security policy

- Formalize and improve communication to the BOR

- Leverage existing resources like CyberMontana, Missoula College Cyber Center, Risk Management and Tort Defense

- Determine what resources are needed across the system to improve security posture – **potential shared services**