

# CIO UPDATE: OSU IT HIGHLIGHTS

Faculty Senate Meeting

10/08/20



Oregon State University  
Office of the CIO

# OSU IT Strategic Plan 2023

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## OUR COMMITMENTS

- Have the **courage** to take on the hard problems
- Keep the needs of students and faculty foremost in mind
- Adopt best practices, looking beyond campus
- Reach across internal organizational boundaries to solve problems and build our collective capacity
- Commit to building diversity within our IT culture and community
- Govern in partnership with the university
- Protect privacy and university information

# OUR STRATEGIES

- Create a resilient, agile, cloud-native IT environment
- Use a strong IT governance structure to align the IT enterprise with university goals and to treat university communities equitably
- Protect Oregon State University information assets and stakeholders' privacy in line with university values
- Build a robust and unified information ecosystem that delivers data as a strategic working asset
- Empower faculty by providing the flexibility to teach effectively through diverse program models and student experiences
- Enhance and streamline the digital work experience
- Redesign students' encounters with the digital world at Oregon State University to make them personalized, accessible and equitable
- Implement an architected, easier to navigate, university-scale digital research ecosystem
- Develop a structured and formal program that promotes the capabilities, diversity and health of the Oregon State University IT community
- Engage and lead in state and national IT communities advocating for technology solutions that advance Oregon State University's mission and strategies

# Our Cyber Status

**Continued and aggressive level of threats** is the catalyst for the changes we will be making to the IT environment to better protect you and the university

**In our current IT environment, we ...**

- have a one size fits all network environment (research, admin, ...)
- base protection on being on the campus within a firewall
- have no authoritative system of record for identity
- lack full knowledge of the IT assets in our environment (no visibility=no protection)
- email is used as both as a basis of identity and a business record

# Cyber Protection Projects:

- Measuring maturity of cybersecurity against NIST standards, as expected by BoT
- Documenting IT assets: protect against remote access risks, such as SSH servers
- Hardening email
  - Request you use OSU email for OSU work and not forward email.
  - Adding DUO and making password changes.
  - Plan to decommission remaining email servers
- Strengthening identity
  - Looking for an Identity & Access Management tool
  - Creating the standards for a zero trust environment, with access based on identity and authorization for services based on policy
- End point management to protect your laptops and desktops wherever you work