



R345, Information Technology Resource Security



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R345-1 Purpose: To provide minimum security standards for protecting Personally Identifiable Information at institutions in the Utah System of Higher Education ("USHE") from potential threats such as human error, accident, system failures, natural disasters, and criminal or malicious action.

R345-2 References

- 2.1 [Board Policy R132](#), Government Records Access and Management Act Guidelines
- 2.2 [Board Policy R341](#), Computing Systems Programs
- 2.3 [Center for Internet Security Critical Security Controls](#)
- 2.4 [Utah Code Title 78B, Chapter 4, Part 7](#), Cybersecurity Affirmative Defense Act.
- 2.5 U. S. Department of Homeland Security Handbook for Safeguarding Sensitive PII/Privacy Policy Directive 047-01-007, Revision 3

R345-3 Definitions

3.1 Center for Internet Security ("CIS") Critical Security Controls are a prescriptive, prioritized set of cybersecurity best practices and defensive actions that can help prevent the most pervasive and dangerous attacks, and support compliance in a multi-framework era. These actionable best practices for cyber defense are formulated by a group of IT experts using the information gathered from actual attacks and their effective defenses. The CIS Controls provide specific guidance and a clear pathway for organizations to achieve the goals and objectives described by multiple legal, regulatory, and policy frameworks.

3.2 Critical IT Resource is an IT Resource which is required for the continuing operation of the institution and/or its colleges and departments, including any IT Resource which, if it fails to function correctly and/or on schedule, could result in a major failure of mission-critical business functions, a significant loss of funds, or a significant liability or other legal exposure. For example, General Ledger monthly financial reporting may be considered non-Critical IT Resources by the institution, but financial reporting at fiscal year-end may be considered a Critical IT Resource.

¹ *Adopted March 21, 2008; amended September 16, 2016, November 16, 2018, and November 18, 2022.*

Utah System of Higher Education

- ▶ 1. Table of Contents
- ▼ 2. Board Policies
 - ▶ 1. System Governance
 - ▶ 2. Institutional Governance
 - ▼ 3. Master Planning
 - 📄 R310, System-wide Vision ...
 - 📄 R312, Institutional Roles a...
 - 📄 R315, Designation of Servi...
 - 📄 R341, Computing Systems ...
 - 📄 R345, Information Technol...
 - 📄 R350, Master Plan for Edu...
 - 📄 R353, Telecommunication...
 - ▶ 4. Academic Affairs
 - ▶ 5. Business and Financial Affai...
 - ▶ 6. Student Financial Aid
 - ▶ 7. Capital Facilities
 - ▶ 8. Personnel
 - ▶ 9. Workforce Alignment