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Information Security Guide: Effective Practices and Solutions for Higher Education



New to the guide?

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- Browse the [hot topics](#)
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- Learn how to [advance your infosec career](#)



New Publications!

- [EDUCAUSE Cybersecurity Member Orientation](#)
- [Higher Education Cloud Vendor Assessment Tool \(HECVAT\)](#)
- [An Introduction to NIST SP 800-171 for Higher Education Institutions](#)
- [Phishing Simulation Programs](#)
- [Technology in Higher Education: Information Security Leadership](#)

Featured Publications

- [Another Fall Semester, Another School of Phish](#)
- [The General Data Protection Regulation \(GDPR\) Explained](#)
- [Information Security: Risky Business \(2017 Top InfoSec Issues\)](#)
- [EDUCAUSE 2017 Top 10 IT Issues](#)
- [EDUCAUSE Information Security Almanac 2017](#)
- [Security Matters](#) blog column in *EDUCAUSE Review*
- [Evolution and Ascent of the CISO](#)
- [The Chief Privacy Officer in Higher Education](#)
- [The IT Workforce in Higher Education, 2016](#)
- [Higher Education Information Security Awareness Programs](#) (ECAR Research Bulletin)
- [The Successful Security Awareness Professional: Foundational Skills & Continuing Education Strategies](#) (ECAR Research Bulletin)
- [DNSSEC Technology Spotlight](#)
- [OpenPGP Technology Spotlight](#)
- [PKI Technology Spotlight](#)

Featured Toolkits

- [CISO Job Description Template](#)
- [Cyber Liability Insurance FAQ](#)
- [Data Classification Toolkit](#)
- [Data Incident Notification Toolkit](#)
- [DIY Video and Poster Security Awareness Contest](#)
- [Information Security Program Self-Assessment Tool](#) *Updated!*
- [Mentoring Toolkit](#)
- [National Cyber Security Awareness Month Resource Kit](#)
- [Toolkit for New CISOs](#)

Featured Resources

- [2017 Campus Security Awareness Campaign](#) *New!*
- [Confidential Data Handling Blueprint](#)
- [Cybersecurity Awareness Resource Library](#)
- [Data Protection Contractual Language: Common Themes and Examples](#)
- [Developing Your Campus Information Security Website](#)
- [eduroam](#)

- [GRC FAQ](#)
- [Higher Education Cloud Vendor Assessment Tool \(HECVAT\) *Updated!*](#)
- [Incident Checklist for Sensitive Data Exposures](#)
- [Information Security Governance](#)
- [Overview of Bro](#)
- [Password Managers](#)
- [Risk Management Framework](#)
- [Security Awareness Quick Start Guide & Security Awareness Detailed Instruction Manual](#)
- [Speakers Bureau](#)
- [Splunk](#)
- [Third-Party Security Awareness Training Tools](#)
- [Tor](#)
- [Training and Certifications for Security and Privacy Professionals](#)



Hot Topics!

- [Cloud Computing Security](#)
- [Cloud Data Storage Solutions](#)
- [Copier & MFD Security](#)
- [Full Disk Encryption](#)
- [Managing Malware](#)
- [Security Tips for Traveling Abroad](#)
- [Two-Factor Authentication](#)
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Other Higher Education Resources

- [EDUCAUSE Cybersecurity Program website](#)
- [Higher Education Information Security Council \(HEISC\)](#)
- [Internet2 Security Groups](#)
- [Annual Security Professionals Conference](#)
- [EDUCAUSE Cybersecurity Resource Page](#)
- [EDUCAUSE Security Discussion Group List](#)
- [Research and Education Networking Information Sharing and Analysis Center \(REN-ISAC\)](#)
- [NSF Cyberinfrastructure Security Resources](#)
- [UCISA Information Security Toolkit](#) and [Information Security Management Toolkit](#)

Featured Government and Industry Resources

- [Digital Services Playbook](#) (U.S. Government)
- [Ponemon Library](#)
- [Symantec's Compliance Matrix Poster](#)
- [Verizon's Data Breach Incidents Report \(DBIR\)](#)

About the Guide

The [Higher Education Information Security Council \(HEISC\)](#) supports higher education institutions as they improve information security governance, compliance, data protection, and privacy programs. This guide, created *by* practitioners *for* practitioners, features toolkits, case studies, effective practices, and recommendations to help jump-start campus information security programs and initiatives. Don't reinvent the wheel – get all of the resources you need here.

Contribute

As a community-driven, community-serving project, it is important for this guide to incorporate experiences and perspectives from many different institutions. To contribute examples of practices that have been effective in your institution, please [consider submitting a case study](#) or contact security-council@educause.edu.

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