EDUCAUSE/Internet2 Security Task Force Initiatives and Federal Policy Issues

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Government Relations Officer & Security Task Force Coordinator
IT association for higher education
Members: Over 2,200 colleges and universities and over 200 corporations
Offices: Boulder, Colorado, and Washington, D.C.
Slogan: “Uncommon Thinking for the Common Good”
EDUCAUSE Focus Areas

- Teaching and Learning
- e-Research and e-Scholarship
- Evolving Role of IT and Leadership
- Managing the Enterprise
EDUCAUSE Activities

- Knowledge Creation and Dissemination
- Collaboration and Community
- Policy Analysis and Advocacy
- Career and Leadership Development
- Experimentation
Security Task Force

- Formed by EDUCAUSE & Internet2 in 2000
- Framework for Action in 2002
- National Strategy to Secure Cyberspace in 2003
- Effective IT Security Practices Guide in 2004
- 5th Annual Security Conference held in 2007
- Work in progress . . .
The Security Task Force works to improve information security and privacy across the higher education sector by actively developing and promoting effective practices and solutions for the protection of critical IT assets and infrastructures, both through the work of its community members and through focused partnerships with other government, industry, and academic organizations.
Theme: Safeguarding Our IT Assets, Protecting Our Community’s Privacy

Goals:
1. Obtain Executive Commitment and Action
2. Manage Data to Enhance Privacy and Security Protections
3. Develop and Promote Effective Practices and Solutions
4. Explore New Tools and Technologies
5. Establish and Promote Information-Sharing Mechanisms
Raising Executive Awareness
Elevating Information Security Governance
Promoting a Risk Management Framework
Identifying Critical Success Factors
Developing IT Security Metrics for Executives
Manage Data for Privacy & Security

- Confidential Data Handling Blueprint
- Data Classification Toolkit
- National Cybersecurity Awareness Campaign
- Data and Media Sanitization and Disposal
- Outsourcing of Data Handling
- Information Resources Management – e.g., data retention, e-discovery, etc.
Effective Practices & Solutions

- Effective IT Security Practices Guide
  www.educause.edu/security/guide
- Organization of EP Guide According to ISO 27002 and Other Frameworks
- Identification and Development of Effective Practices and Institutional Case Studies
- Engage Industry Partners
- IT Security Metrics – Compliance, Incident, and Operational
New Tools and Technologies

- Assess Community Needs
- Engage Industry Partners
- Participate in Cybersecurity R&D Forums
- Model Frameworks for Security Architecture
- Collaboration with Identity Management and Middleware Initiatives
Information-Sharing Mechanisms

- Identification and Orientation of New Security Professionals in Higher Education
- EDUCAUSE Security Discussion Group
- Research and Education Network Information Sharing and Analysis Center (REN-ISAC)
- Opportunities for Face-to-Face Human Networking
- Partnerships with Other Information-Sharing Organizations
Security Professionals Conference

- April 20-22, 2009
  The Westin Peachtree
  Atlanta, Georgia
- Call for Proposals
  Deadline: November 24, 2008
- Keynote Speakers:
  - Ed Amoroso, CISO, AT&T
  - Joanne McNabb, Chief, California Office of Privacy Protection
- Pre-/Post-Conference Seminars
- REN-ISAC Member Meeting
STF Organization

Executive Committee

Leadership Team

Working Groups

Project Teams
Working Groups

- **Awareness and Training**
  - National Cyber Security Awareness Campaign Project Team
  - SANS-EDU Advisory Board
  - Security Conference Program Committee
  - Student Video Contest Project Team

- **Effective Practices & Solutions**
  - Encryption Project Team
  - IT Security Metrics Project Team
  - PCI-DSS Project Team

- **Policies and Legal Issues**
  - Confidential Data Handling Project Team
  - Data and Media Disposal Project Team

- **Risk Assessment & Information Security Governance**
Call to Action

- Join an information-sharing network
  - Security Discussion Group
  - REN-ISAC
- Submit a proposal for Security 2009
- Share your effective practices and solutions
- Volunteer for a working group, project team, or Security 2010 program committee

Email: security-volunteer@educause.edu
Safety, Security, and Emergencies

- Safety, Security, and Emergency Preparedness
- All-Hazards Approach
  - Man-Made and Natural Disasters
- National Infrastructure Protection Plan Risk Management Framework
  - Human Assets
  - Physical Assets
  - Cyber Assets
- EDUCAUSE Summit: The Role of IT in Campus Security and Emergency Management
Phases of the Study

- Literature Review – Summer 2008
- Institutional Survey – Fall 2008
- Site Visits – Fall/Winter 2008-09
- Symposium – Spring 2009
- Final Publication – Summer 2009

Partner Associations:

- ACPA (student affairs and services)
- AGB (governing boards)
- APPA (physical plant and facilities)
- CSHEMA (environmental health & safety)
- EDUCAUSE (information & communications technologies)
- IACLEA (campus police and public safety)
- NACUA (college and university attorneys)
- NACUBO (business officers)
- URMIA (risk managers)
The Policy Process Lifecycle

- Issue or Event
- Political Action
- Legislative Process
- Law and Regulation
- Institutional Policies And Compliance
EDUCAUSE Washington Office

- Public Policy and Government Relations
  - Congressional Affairs
  - Federal Agency Relations
  - Coordination with Other Higher Ed Associations
  - Alliances with Industry and Other Non-Profits
- Institute for Computer Policy and Law (ICPL)
- Networking Programs
  - Net@EDU – Leading Edge Initiative
  - Network Policy Council
  - PKI and Identity Management Activities
  - Dot EDU Administration
- Cybersecurity Initiatives
  - EDUCAUSE/Internet2 Security Task Force
Public Policy Issues

- Competitiveness & Innovation
- Copyright & Intellectual Property
- Internet Content Regulation
- Internet Governance
- Investment in Advanced Networking and IT
- **Privacy and Security**
- Telecommunications
Presidential Transition

- Executive and Legislative Branch Same Party
- Executive Branch Leadership Turnover
- Presidential Advisory Board Turnover
- Obama Team – Tech Savvy
- Economic Policy
- Foreign Policy
- Science & Technology Policy
- Homeland Security Policy
  - Critical Infrastructure Protection
    - Human, Physical, and Cyber Assets
Cybersecurity & Next President

- Commission on Cyber Security for the 44th Presidency
- Comprehensive Strategy
  - Diplomatic
  - Economic
  - Intelligence
  - Military
- White House Leadership
- Secure Cyberspace Globally
- Stronger Authentication and Authorization
- Investment in Education & Training
Legislative Issues

- Critical Infrastructure Protection
- Data Security and Privacy
- Identity Theft
- Social Security Number Use
- Monitoring and Surveillance
- Privacy Policies and Fair Information Practices
- Safety and Security
Regulatory Issues

- Red Flags Rule (Federal Trade Commission)
- FERPA Final Rules (Department of Education)
- Section 1201 Anti-Circumvention Provisions of the Digital Millennium Copyright Act (Copyright Office)
- Higher Education Opportunity Act (Dept. of ED)
  - P2P Filesharing
  - Verification of Identity for Distance Education
- Domain Name System Security (DNSSEC)
  - OMB Mandate for Federal Agencies
  - Notice of Inquiry (Department of Commerce)
Executive Branch Orders

- Executive Orders
- Presidential Decision Directives
- Homeland Security Presidential Directives
- Etc.
State of the Net Conference

January 14, 2009, in Washington, D.C.
Organized by the Congressional Internet Caucus Advisory Committee
Unparalleled opportunities to network and dialogue on key technology and information policy issues
Attendees include a mix of academics, consumer groups, industry, and government
For more information: http://netcaucus.org/conference/2009/
For More Information

EDUCAUSE Federal Policy Program
- Website: www.educause.edu/policy
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Washington Update

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