UNIVERSITY of HOUSTON | IT SECURITY

Safe. Simple. Secure.

Presentation to College/Division Business Administrators October 13, 2011

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National Cyber Security Awareness Month

The Internet is a shared resource and securing it is *Our Shared Responsibility*

- UH is an official endorser of NCSAM
- Sponsored annually since 2004 by:
  - National Cyber Security Alliance
  - Department of Homeland Security
  - Multi-State Information Sharing and Analysis Center
- Presidential Proclamation on Oct. 3, 2011

NCSAM at UH

- Theme of “Be A Curious Cougar”
  - Code words used to enter weekly drawings
- New IT Security Blog
- Security Tips posted on UH Facebook & Twitter Pages
- Workshops given by IT Security Staff
  - Cougar Trading Card Events!
- Presentations to campus departments & organizations

Workshops

10/13: Safe Computing & Device Protection– For Free!

10/18: How Safe Are You REALLY? Protecting Yourself Against Identity Theft

10/20: Exploring the Wild Wild Web and Living to Tell About It – Internet & Email Safety Tips

10/25: Can I “Friend” You? Safety Tips for Facebook and Other Social Media Sites

10/27: UH Data Classification and Protection, By the Books! New UH IT MAPPs Explained

- Don't reply to email requests for personal information.
- Hover over links in e-mails to see what the actual destination is.
- UH will never ask to verify your user name or password
- If in doubt, check it out! Send suspicious email to security@uh.edu for review.

Don't Get Hooked By PHISHERS!

- **Always use a SECURE wireless network whenever possible**
- **Unsecured = Open = Public**
- **When on an unsecured open network, avoid web sites asking you to enter personal or financial information.**

MAPP 10.05.03
Data Classification and Protection

3 Levels of Data

Level 1 = Confidential / Sensitive / Mission-Critical

- Confidential
  - Social Security numbers
  - Educational records (FERPA)
  - Health care information (HIPAA)
  - Customer information (GLB)
- Sensitive - First & last name in combination with:
  - SSN
  - Government-issued ID (e.g., driver's license) or
  - Account/Credit card/Debit card number & access code
- Mission-Critical – essential to the continued performance of the University or department

MAPP 10.05.03
Data Classification and Protection

3 Levels of Data

Level 2 = Public data **not in** the public domain

- Public information temporarily protected from widespread release
  - Professor's lecture presentation before the class takes place

Level 3 = Public data **in** the public domain

- Public information readily available
  - Information posted on the University public web site

MAPP 10.05.03
Protection Requirements

Level 1 – Required Protection

- Stored on critical information resource* (see definition in MAPP)
- Access controls (e.g., user ID and password)
- Must be encrypted if sent on a wireless network or thru email
- Stored on portable device only with valid business reason
  - Information must be encrypted
- Stored on non-university device only with valid business reason
  - Department Chair or Chief Information Security Officer must approve

Level 2 – Suggested Protection

- Stored on critical information resource
- Access controls (e.g., user ID and password)

Level 3 – No Protection Required

MAPP 10.05.03
Responsibilities

- Information Owner (ex. Registrar) – classify data
- Information Custodian (ex. System Admin) – ensure appropriate safeguards in place
- User – Know where data is stored
  - Use Identity Finder to locate confidential/sensitive data
  - Ensure Level 1 data is stored and protected appropriately

√ Dept. File Share	X Third party provider (“cloud”)
√ PeopleSoft	X Laptop

- Coordinate with C/D ISO to have Identity Finder run in your area – 100% UH computers by Dec 31

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COMING SOON: ISO Workshop – October 19th

COMING SOON: UNIFIED LOGINS !

IT Security staff are available to:

- Give presentations to your department staff
- Assist with IT security best practices
- Hear your suggestions for UH IT security enhancements

www.uh.edu/uit/security

security@uh.edu

832.842.4695

“Be A Curious Cougar” Code Word

IdentityFinder

Email the code word to awareness@uh.edu to enter this week’s prize drawing!