

Safe Computing

Public Law for the Public's Lawyers '21 School of Government UNC Chapel Hill



Agenda



- Know Your Data
- Protect Your Data
- Trending Threats / Ways to Protect Yourself
- Securing Your Home Network
- Last Pass
- Traveling Safely w/ Technology
 Additional Resources
- Q&A

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Agenda



- This is intended to be a practical overview of recent trends and priorities.
- Deeper dives on specific topics are available at: safecomputing.unc.edu

Know Your Data

- Regulated data.
 Sensitive information with defined regulation (HIPAA, FERPA, SOX, etc).
- Personally Identifiable Information. VERY broad category. Is regulated in some instances.
- Non-regulated sensitive business data.
- Think of sensitive data as the "crown jewels" of your information systems.



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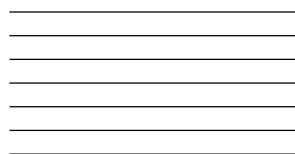




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Protecting Yourself - Ransomware

- Store work in an approved cloud location like onedrive.unc.edu or a network drive as directed by your IT department.
- Regularly backup your computer.
- Be wary of emails with attachments or that instruct you to download something.
 Only obtain software through your IT department.



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Trending Threats -Phishing

- Using e-mail to defraud or infect users.
- Various approaches
 Impersonation
 Malicious Attachments
 Malicious Links
- Require interaction from the user for success.

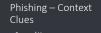


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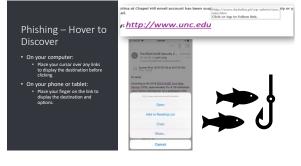


- Sense of Urgency
 Sending will say they need a response or confirmation quickly.
 They may threaten consequences.
- Discourages Alternative Communications
 Sender will try to keep the conversation where they can't be seen or heard.
- Does the request make sense?
 Would the sender usually ask
 this of you?

 Let me know when you are available. There is something I need you to do. I am going into a meeting now with limited phone calls.



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address.

Pause and ask if the domain or sender make sense in combination

Would this sender use this site?

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Phishing – Examples

Conception France interference interfer

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Sent To steve haring@unc.edu
Time Received 12:45:04 PM GST
Duration 01:23
[Usten to Voice Message Here]

Thank you Microsoft VoiceMail From: VoiceMessage <<u>donald.giron@fieldsauto.com</u>> Sent: Monday, November 26, 2018 2:19 PM To: Haring, Steve <<u>uharing@email.unc.edu</u>> Subject: New Audio VM +1 (251) 579 - 3142

Hicrosoft 🚺 Office 365

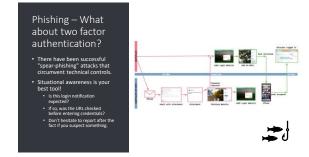
+1 [251] 579 - 3142 sent you a Voice Message.
Received from +1 (251) 579 - 3142
Sent To steve haring@unc.edu
Time Received 12_94-na mar.ctr.
Duration 01: Click or tap to follow link.

[Listen to Voice Message Here]

Thank you Microsoft VoiceMail

From: Steve h Date: Tuesday To: "xxxxx@u ation cardean unc.edu@email.c February 12, 2019 at 9:27 AM will remburse you back when I get back to the office. If is a meeting and i need to get it sent right away, it some of my best friends son's birthday. The amount I need you to get right now is found which was are going to get thom the sites. When you get then, scriptin II and take pictures of the cardy and attach II to this result On Tue, 12 Feb 2019 at 05:26, comm/burg educ wrote: From: Steve Matson <u>casteen unc.edu Brmail.com</u>> Date: Tostolay, February 12, 2019 at 9-25 AM Tac⁺ <u>costo Burn.edu</u>⁺ <u>costo Burn.edu</u>⁺ Subject: Ra: Holio igh here. I should! ortani right away. 019 at 06:23, <a>wrote: wrote: orning. Call if you would like, 919 xxx xxx. <asdean unc.edu@gmail.com ary 12, 2019 at 9:23 AM <xxxxx@unc.edu> From: Steve M Date: Tuesday To: "xxxx@ur Subject: Hello

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Traveling Safely

- Avoid public/open WiFi
 Invest in a hotspot or use your phone as a mobile hotspot.

- Full guide available at:
 safecomputing.unc.edu

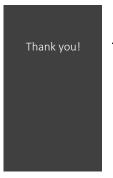






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