continued

- If you are viewing this course as a recorded course after the live webinar, you can use the scroll bar at the bottom of the player window to pause and navigate the course.
- This handout is for reference only. Nonessential images have been removed for your convenience. Any links included in the handout are current at the time of the live webinar, but are subject to change and may not be current at a later date.

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continueD.

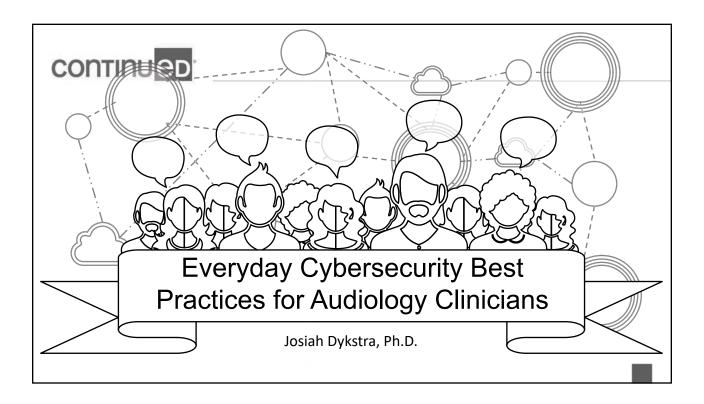
Technical issues with the Recording?

- Clear browser cache using these instructions
- Switch to another browser
- Use a hardwired Internet connection
- Restart your computer/device

Still having issues?

- Call 800-753-2160 (M-F, 8 AM-8 PM ET)
- Email <u>customerservice@AudiologyOnline.com</u>





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Disclosures

- Presenter Disclosures:
 - Financial: Josiah Dykstra is an employee in cybersecurity at the Department of Defense, President of Designer Security, LLC, and author of O'Reilly Media, Inc. He received an honorarium for presenting this course.
 - Non-financial: Josiah Dykstra serves on the Cyber Advisory Board at Bowie State University and is a member of the Association for Computing Machinery.
- Content Disclosure: This learning event does not focus exclusively on any specific product or service.
- Sponsor Disclosure: This course is presented by AudiologyOnline.



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Learning Outcomes

After this course, participants will be able to:

- 1. Identify common markings of scam emails and websites.
- 2. Explain the attributes of strong passwords.
- 3. List three ways to ensure confidentiality of protected health information.

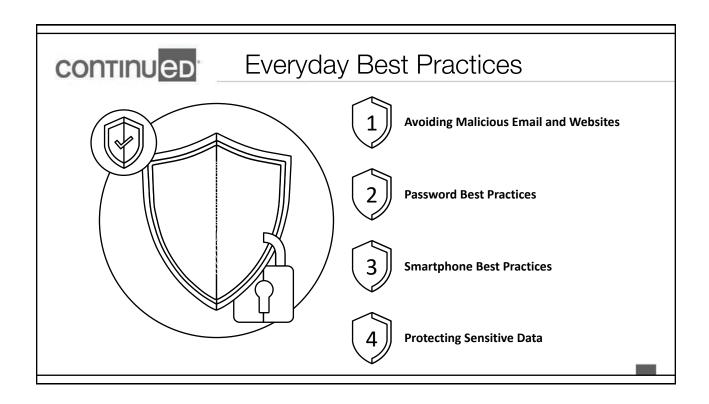




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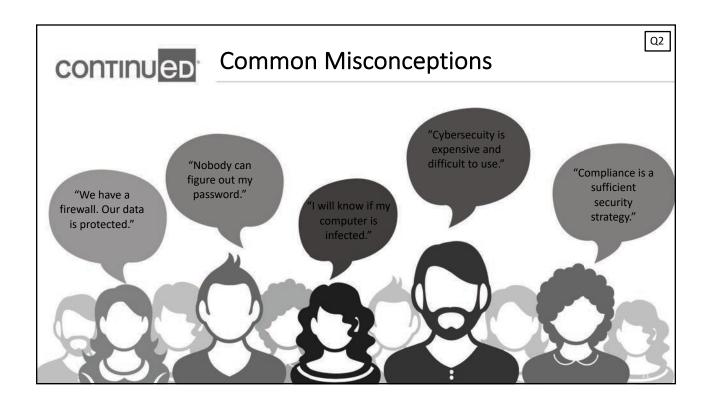


Audiologists Are Immersed in Technology

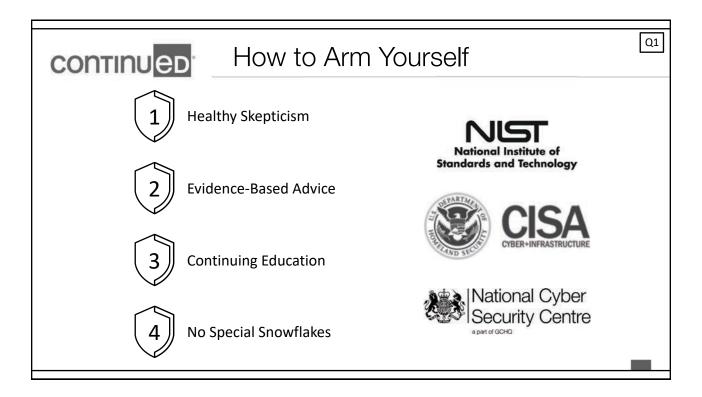








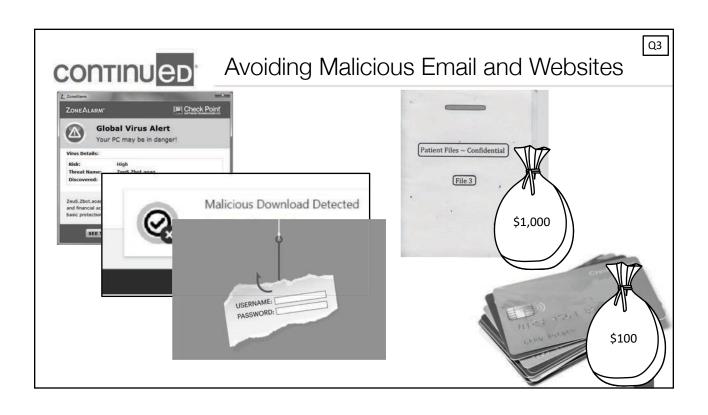


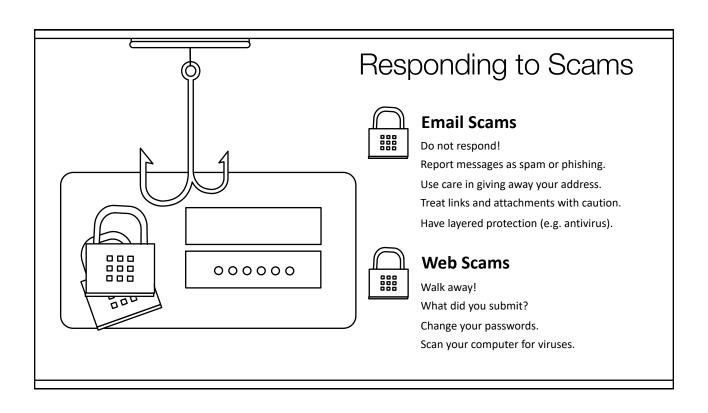


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Avoiding Malicious Email and Websites

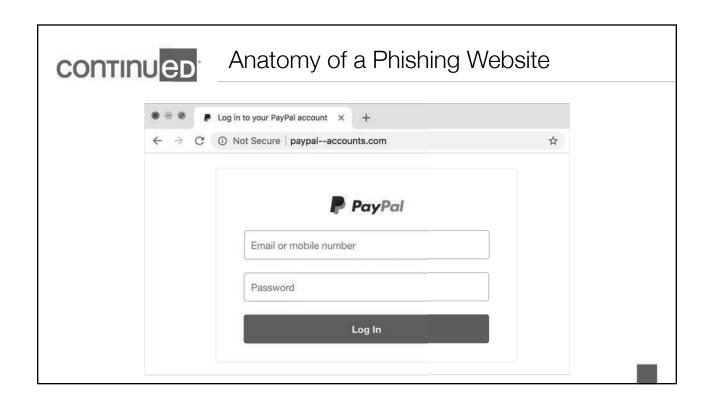














continued More Ways to Protect Yourself

1. Don't click links to critical sites from email

If you're suspicious about an email alert, log in to the application in your browser to ensure the request/demand is legitimate.

2. Hover over links

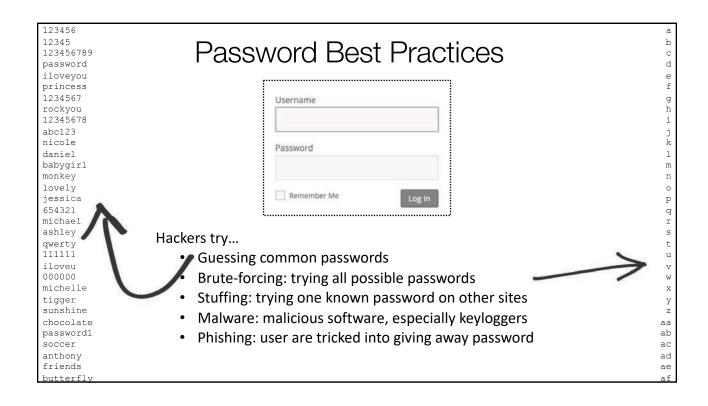
Always hover over the URL in an email to ensure it leads to the page you expect.

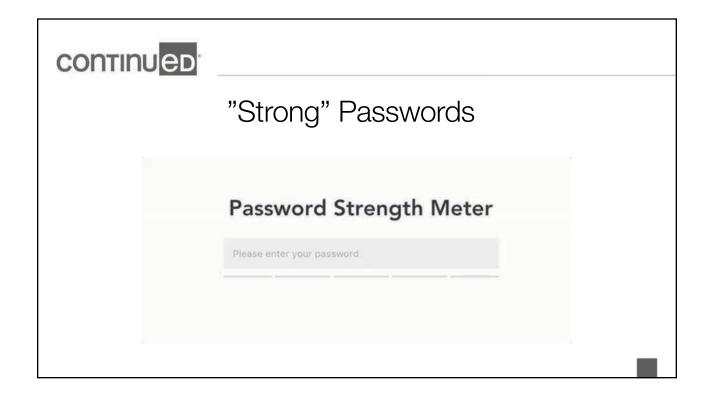




Password Best Practices











Q4 || Q5 || Q6

Strength Meters look at:

- Length
- Patterns (dictionary words, patterns, repeats, ...)
- Characters (letters, numbers, capitalization, ...)
- Your password history*

Password Strength Meter

National Institute of Standards and Technology (NIST) **Special Publication 800-63B**

- Updated June 2017
- Widely accepted (adoption lagging for new guidance)
- No more password expirations or mandatory change
- "Easy to remember, hard to guess"

Correct-Horse-Battery-Staple-0 zebra cart slick monday Wv%FfPM3\$7kF@x#J5laP

https://CorrectHorseBatteryStaple.net





The Future of Passwords

Password Managers

- Software that remembers all your passwords
- User only remembers one password to protect all
- Allows strong, unique passwords for every site

Usable or Invisible Passwords

- Human brains are bad at passwords
- We will authenticate in new ways

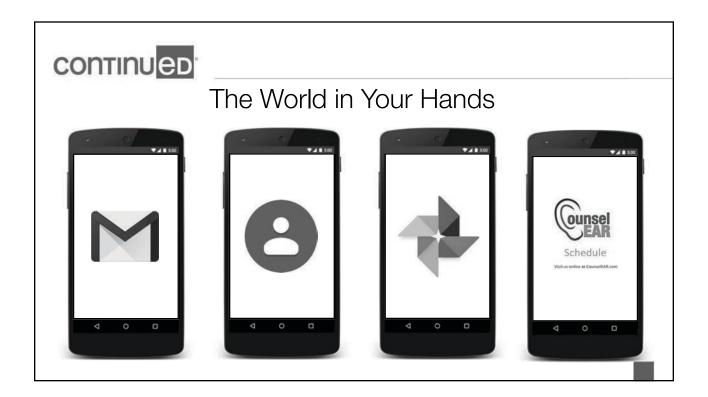






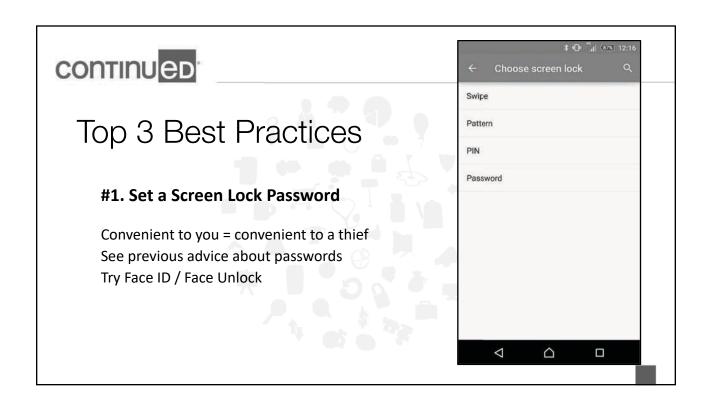
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Smartphone Best Practices



















Protecting Sensitive Data

continued

Protecting Sensitive Data

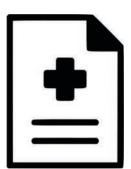


Q10

Protect Against Unauthorized:

- · Access (confidentiality)
- · Changes (integrity)
- Disruption (availability)





Confidentiality by:

- Encryption
- Passwords (authentication)
- Access controls (authorization)





What Can They See and Touch?



Turn off screens in photos!



Q7

Secure Communication

Most secure

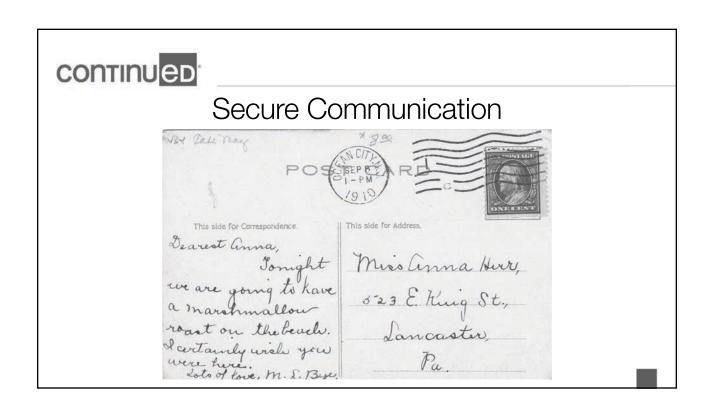
United States Postal Service

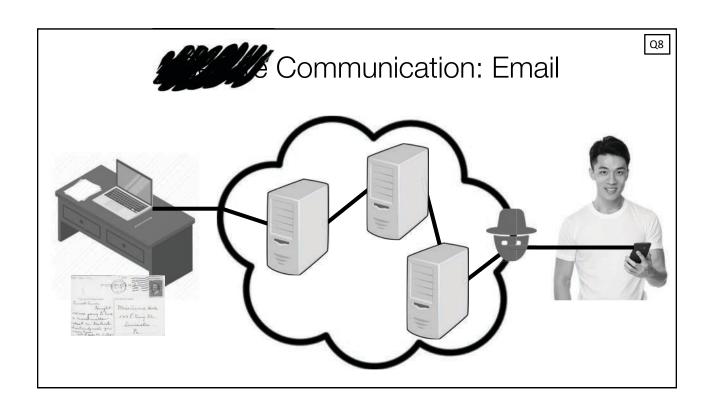
Patient Portal

Text Message

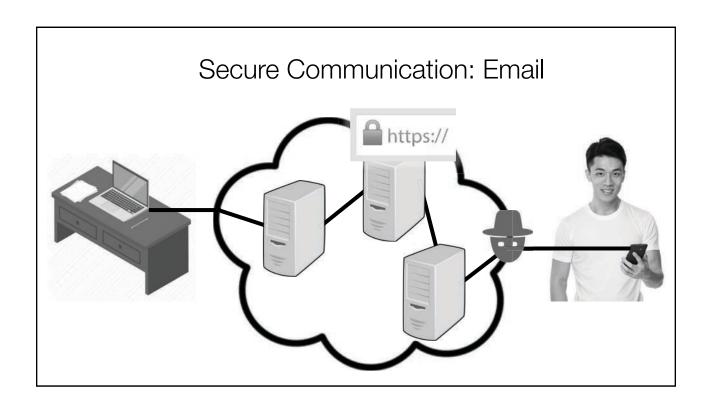
Least secure Email

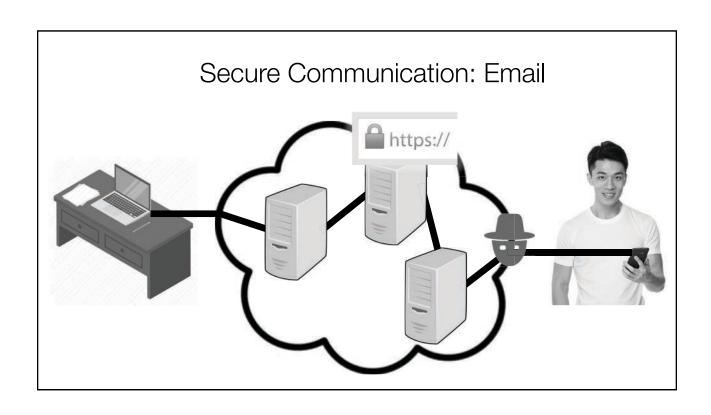




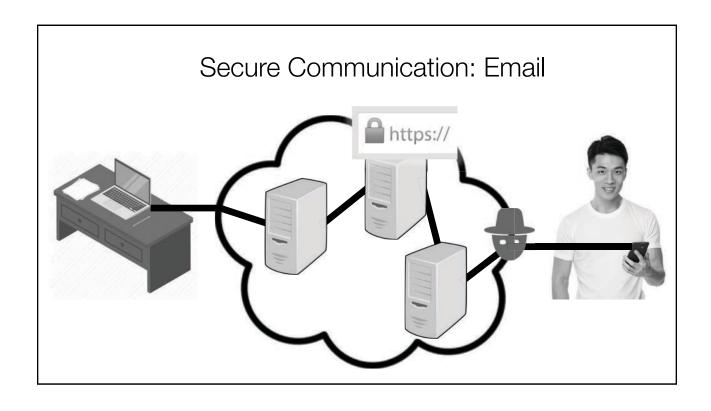


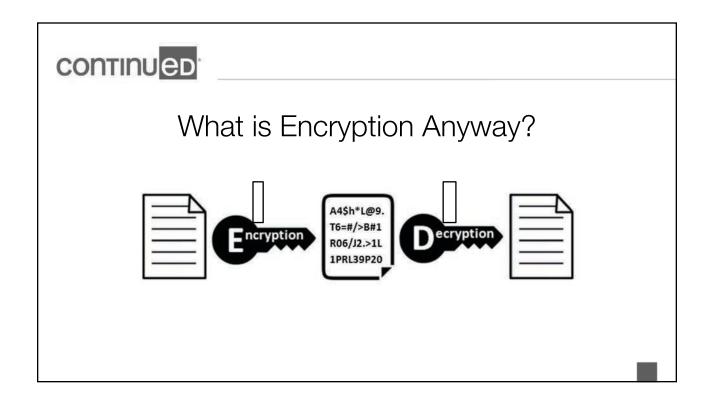




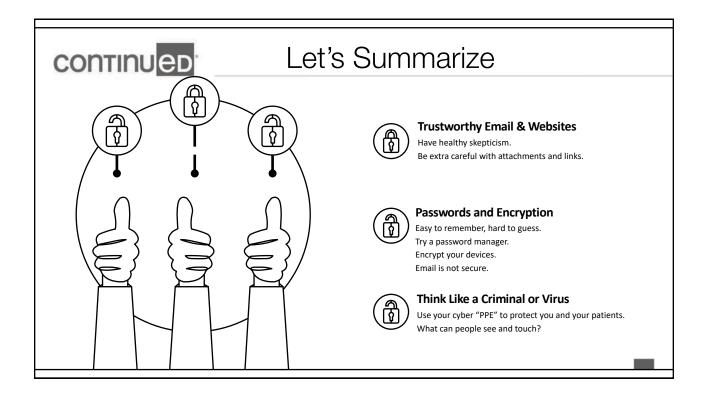












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