



CyberSecurity Webcademy: The Basics

Agenda



Introductions



Why CyberSecurity is so Important



The Basics of CyberSecurity

Presenters



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Cybersecurity Challenges



Blind Trust Believe your IT team has you covered



Expensive Already spent \$\$ on firewall, anti-virus, and Backup



Inconvenient All that stuff just slows me down



Too Small Don't believe it will happen to you - it's just the big guys that get targeted

Why is CyberSecurity So Important Today

- COVID-19 is accelerating the digital transformation of business
- Cyber criminals' prey on remote workers
- 'New normal' - need to review your IT to better manage risk



Risk #1: Hiding in the Dark



Vulnerability

- IT is out of sight
- No insight into the true status of your technology
- Lack of understanding of the effects of an attack

Prevention #1: Security Assessment

- Establish a baseline
- Identify vulnerabilities
- Determine blind spots

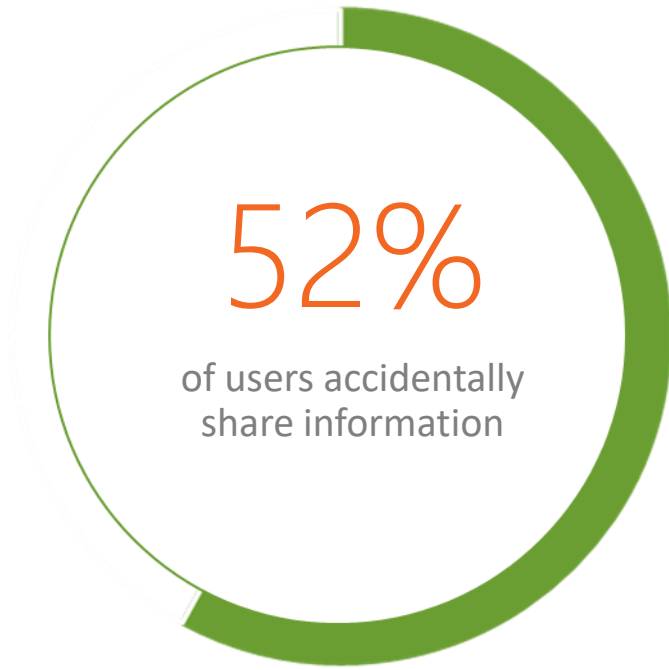


Advantages #1: Security Assessment

- Apply resources to critical issues
- Target areas to improve with best ROI
- Comply with regulatory and legal obligations



Risk #2: Your Team



Can be your greatest weakness

- Threats bypasses defenses when they trick an employee
- Allows an attack from inside the office

Prevention #2: Security Awareness

- Train your users- often!
- Review data security, email attacks, and your policies
- One of the most effective ways to defend against attacks



Advantages #2: Security Awareness

- Develop a more security-focused culture
- Empowers employees
- Win confidence of customers



Risk #3: Just One Click



- Most attacks originate in your email
- Seemingly legitimate, deceptive emails have malicious links and attachments
- Gain unfettered access to your device, network, and valuable data

Prevention #3: **Secure Your Email**

- Never click a link or open an attachment in an unsolicited email
- Report all suspicious emails
- Choose services designed to reduce spam and your exposure to attacks
- Don't rely on just one application, invest in advanced threat protection



Advantages #3: **Secure Your Email**

- Remove the threats before they reach you
- No lost or corrupted data
- Threat intelligence and reporting



Risk #4: “Wet Paper Bag” Passwords



Verizon 2017 Breach Investigations Report

Employee Self Management

- Fail to establish passwords
- Obvious passwords such as “12345”
- Reuse passwords on different sites
- Attackers may use automated methods to try to guess a password

Prevention #4: Password Policy

- Apply security policies on your network.
- Know who is accessing your data
- Confirm identities
- Prevent non-compliant devices from accessing your systems



Advantages #4: Password Policy

- Eliminate the wait for password resets – most frustrating reason to call your helpdesk
- Average cost in wasted labor for a password reset is \$70
- Keep weak, stolen, or reused passwords from posing a significant hazard





- 9/23- Securing Your Environment
- 9/30 - Making it Harder for CyberCriminals
- 10/ 7 - Being Prepared for an Incident

Thank you!

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