













Social Media Security

CDSE

- Don't provide information that will allow others to answer your security questions
- Restrict what personal information you share, such as job title, location, interests, family details, etc.
- · Remember that you don't control the site's security
- Remember OPSEC
- Securely configure your social network account (http://www.cdse.edu/toolkits/cybersecurity/index.php)



Online Banking Risks

CDSE



- Dimitry Belorossov, aka Rainerfox, was extradited from Spain in 2014
- Hacking
- Secure login
- Phishing
- Usernames/Passwords
- "Fly by Night" banks

CDSE



Be aware of phishing attempts

OK Cancel Log out when done





Type in the URL using https



Be wary of online banking in public



Change and secure passwords regularly



Install and update an antivirus and firewall



Zhiyun Qian (UC Riverside) demonstrated up to a 92% success rate in hacking mobile devices in a lab environment CDSE

- 91% of Americans own a cell phone
- 63% of those use their phones to access the internet
- 21% only use mobile devices for internet
- 16 Million malware infections in 2014
- 25% of users have had phones lost/stolen

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Mobile Device Security

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- Use "https" instead of "http" whenever possible
- Use a secure password
- Enable the "find my phone" features
- Beware of fraudulent Wi-Fi networks
- Be cautious when shopping online
- Be aware of scams/phishing
- Check privacy settings on apps
- Only install apps from trusted sources
- Delete unused apps
- Update apps/OS regularly
- Consider mobile security software



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Microsoft Security Bulletin MS15-104

"Vulnerabilities in Skype for Business Server and Lync Server Could Allow Elevation of Privilege"

Public vulnerabilities in previous versions

Skype Vulnerabilities

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Online Gaming Risks

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- Social engineering
- Identity theft
- Account hijacking
- Malicious links
- Compromised servers/ Insecure code
- Browsers risks and configuration





Online Gaming Security

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- Go with reputable developers and use their official launcher
- Use anti-malware and firewall software
- Use strong passwords
- Patch software/OS
- Update browser
- Be careful about links
- Remember OPSEC
- Beware of "admin mode"





Cloud Storage

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"A storage model where data is maintained, managed, and backed up remotely and made available via a network"







