How to Avoid a Trip to

Hacker's Paradise Shania Leonard, IS Auditor

Division of Local Government Audit

CCFO/CMFO Training Event Knoxville, Tennessee September 4th – 5th, 2025

TENNESSEE COMPTROLLER OF THE TREASURY



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DISCLAIMER

The opinions expressed during this presentation are my own. They do not necessarily represent the views of the Tennessee Comptroller of the Treasury, his representatives, or the Tennessee Department of Audit.

TENNESSEE COMPTROLLER OF THE TREASURY



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DataReportal - January 2025

- •398 minutes a day
- •6.5 hours a day
- •46.5 hours a week
- •100 days a year
- •17 years of our lives







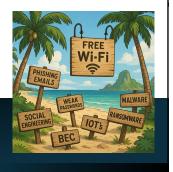
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Hacker's Paradise

An environment with poor cybersecurity practices or a lack of awareness.



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Goals of Presentation: Don't Buy a One-Way Ticket to Hacker's Paradise!

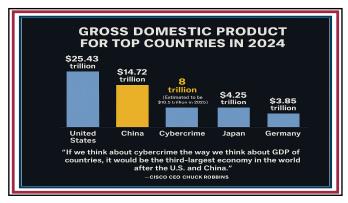




- I. Define Cybersecurity
- II. Responsibility
- III. Cyber Deception and Threats
 I. Social Engineering
 II. Phishing Attacks
 III. Business Email Compromise
 IV. Malware & Ransonware
 V. Weak Passwords
- IV. Rules of Protection

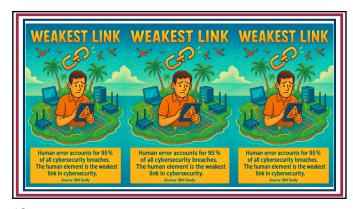
I. DEFINE CYBERSECURITY



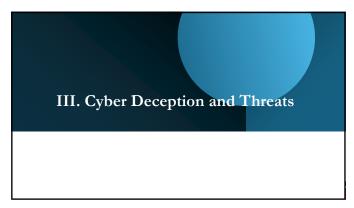




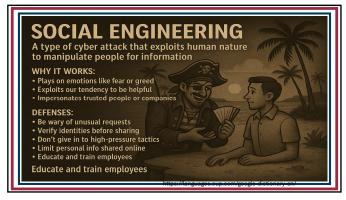














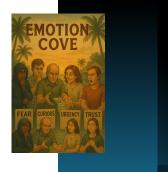
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Social Engineering

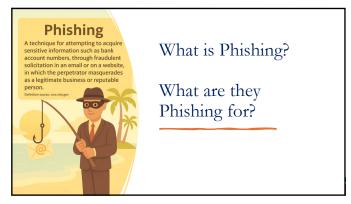
takes advantage of human behaviors using psychological manipulation.

The user may respond due to:

- Fear
- Helpfulness
- Curiosity
- Urgency
- Greed
- Trust



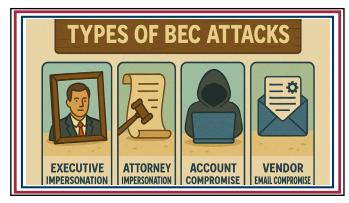














- > On Friday, April 1, 2022, 10:38:55 AM CDT, Donna Craig > <<u>clerkofficeil1@gmail.com</u>> wrote:

- > I'll need you to process a payment for me today via ACH/WIRE > TRANSFER/CHECK MAILING. For the > Administrative networking web-hosting activity expense.

- > Get back to me if you can get this done, so i can forward the payment > details to you.
- > Regards
- > Donna



On 4/1/22, Randi French < randifrench@yahoo.com > wrote:

- > Yes ma'am I sure can :)
- > Thank you, Randi FrenchHenry County Trustee









- In 2020, Rutherford County, Tennessee experienced a BEC attack where scammers gained access to email accounts of county employees. They used this access to impersonate officials and orchestrate fraudulent wire transfers.
- The attack led to significant financial losses of \$2.3 million for the county.



