## BEC: More than Just Bacon, Egg and Cheese

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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.

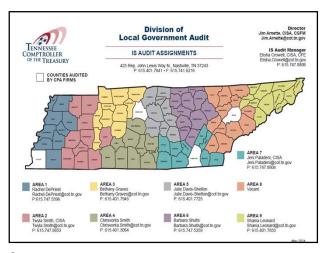


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## Objectives Definition How It Works Examples Impacts Prevention Response



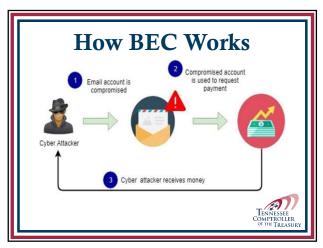


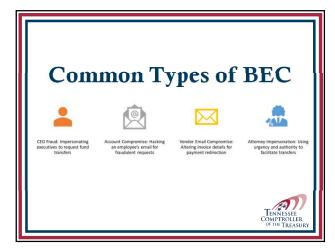












## Real-World Example > On Friday, April 1, 2022, 10:38:55 AM CDT, Donna Craig > <clerkofficeil1@gmail.com> wrote: > Randi > I 'll need you to process a payment for me today via ACH/WIRE > TRANSFER/CHECK MAILING. For the > Administrative networking web-hosting activity expense. > Get back to me if you 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 | sure can :) > Thank you,Randi FrenchHenry County Trustee

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## BEC 101 OBSERVE INVESTIGATE Do you know the sender? Did you expect the email? Did you expect the attachment?

	From: Donna Craig (clerkofficeil1@gmail.com)
	To: randifrench@yahoo.com
	Date: Friday, April 1, 2022, 11:05 AM CDT
	Randi
1	initiate a an outgoing wire transfer to the account details below: ACCOUNT HOLDER: CONSTANCE LYON BANK NAME: MAT BANK ACCOUNT NUMBER: 9888615268 ROUTING NUMBER: 031302955 AMOUNT:\$4,780,00 BANK ADDRESS: 550 Suburban Dr, Newark,19711
	Payment for Administrative Networking web-hosting activity service expenses
	Get back to me with the payment confirmation slip once you are done making the payment.
	Regards
	Donna

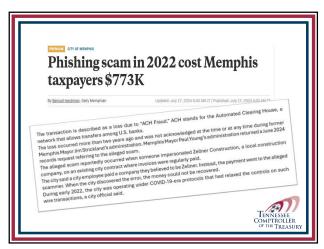
## **BEC 101**

## **OBSERVE**

- Do you know Sender address Call the
  - the sender?
- Did you expect the email?
- Did you expect the attachment?
- **OINVESTIGATE ODEDUCE**
- an alias?
- Typos or unusual tone? • Sense of
- urgency?
- · Where do the message links go?

- individual to verify
- · Any doubts, report it





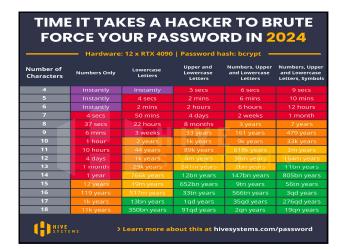
## Impact of BEC Financial Loss: Direct theft of funds Reputational Damage: Loss of trust among citizens and partners Legal and Regulatory Penalties: Fines for non-compliance Operational Disruption: Costs related to investigation and remediation

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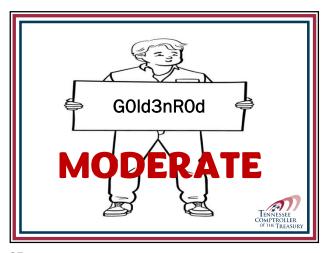
## **How to Prevent BEC**

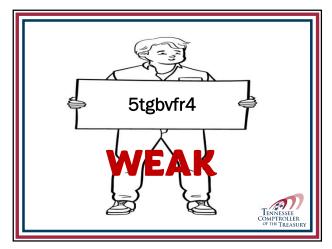
**Strong Passwords** 

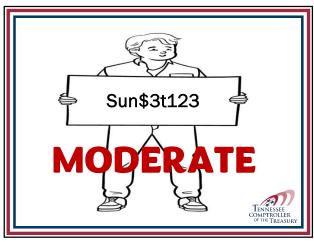


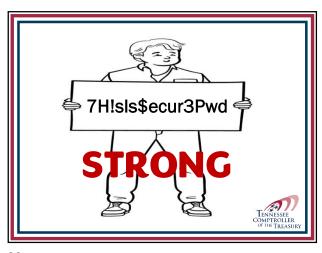


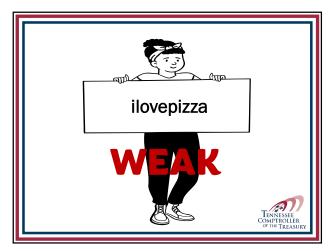


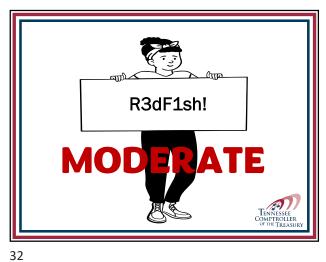


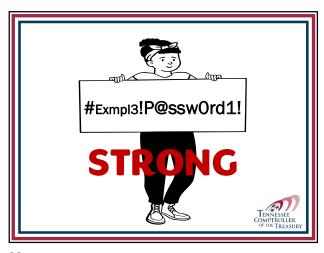
















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## Passwords - Dos and Don'ts

## DO

- Use different passwords for all accounts
- Change passwords regularly
- © Create strong, memorable passwords

## **DON'T**

- On't use widely known information
- On't write down and "hide" your password
- Don't save passwords in browsers





## **Password Creation Tip**

- **9** Nine people floating the Snake River
- Step 1: Remove spaces and add uppercase letters
  - NinePeopleFloatingTheSnakeRiver
- **Step 2:** Add special characters and numbers
  - (9PplFloatingSN@K3River)



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## How to Prevent BEC Multi-factor authentication Logarian Logaria









# Questions? Elisha Crowell IS Audit Manager Local Government Audit 615-747-8806 Elisha. Crowell@cot.tn.gov