BEC: More than Just Bacon, Egg and Cheese

Twyla Smith, CISA, CCFO IS Auditor Division of Local Government Audit October 15, 2024



TENNESSEE COMPTROLLER OF THE TREASUR

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Disclaimer

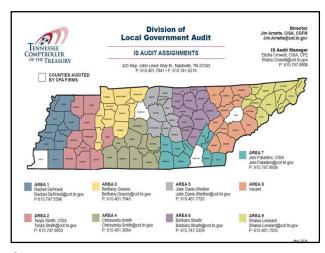
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Objectives Definition How It Works Examples Impacts Prevention Response

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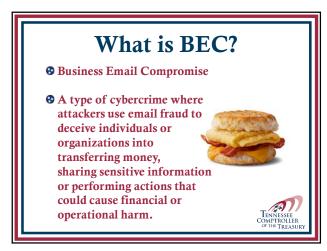
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DataReportal 400 minutes a day 7 hours a day 47 hours a week 101 days a year 17 years of our lives

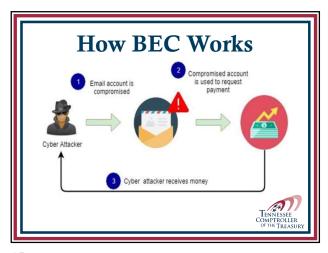
















Real-World Example > On Friday, April 1, 2022, 10:38:55 AM CDT, Donna Craig > <a

From	: Donna Craig (clerkofficeil1@gmail.com)
To:	randifrench@yahoo.com
Date	Friday, April 1, 2022, 11:05 AM CDT
Rand	Ni .
ACC BANI ACC ROU AMO	te a an outgoing wire transfer to the account details below: OUNT HOLDER: CONSTANCE LYON K NAME: MAT BANK OUNT NUMBER: 9888615268 TING NUMBER: 031302955 UNT :\$4,780.00 K ADDRESS: 550 Suburban Dr, Newark,19711
Payn	nent for Administrative Networking web-hosting activity service expenses
	eack to me with the payment confirmation slip once you are done ng the payment.
Rega	ırds
Donn	

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

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BEC 101 OBSERVE INVESTIGATE Do you know Sender address an alias? 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
7	initiate a an outgoing wire transfer to the account details below: ACCOUNT HOLDER: CONSTANCE LYON BANK NAME: W87 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

the sender?

- Did you expect the email?
- Did you expect the attachment?

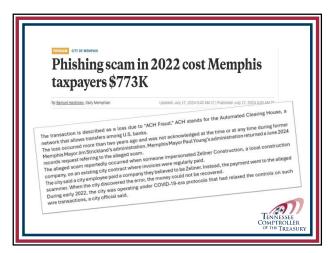
- Do you know Sender address Call the an alias?
 - Typos or unusual tone?
 - Sense of urgency? · Where do the
 - message links go?

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- individual to verify
- · Any doubts, report it









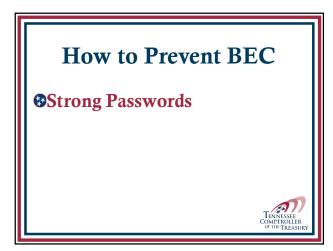
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Impacts of BEC

- Financial Loss: Direct theft of funds
- Reputational Damage: Loss of trust among citizens and partners
- **②** Legal and Regulatory Penalties: Fines for non-compliance
- **3** Operational Disruption: Costs related to investigation and

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remediation

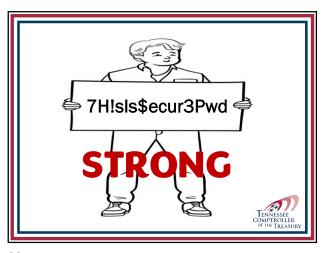


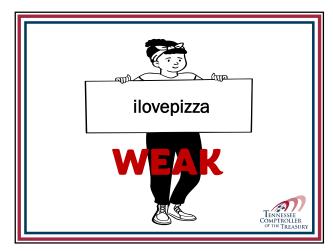


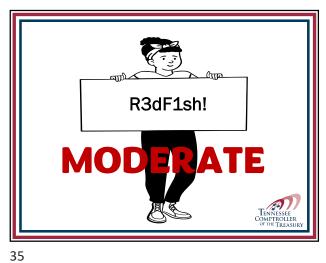


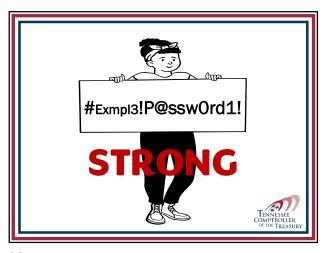












Passwords – Dos and Don'ts

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



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Password Creation Tip

- Sixteen horses in a cave in Shawnee
- **Step 1:** Remove spaces and add uppercase letters
 - SixteenHorsesInACaveInShawnee
- Step 2: Add special characters and numbers
 - (16h0r\$e\$N@cAv3n\$H@n33)

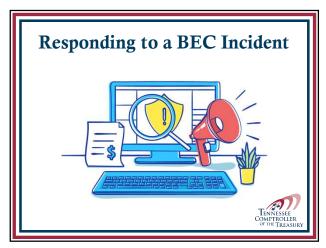














Questions?	
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