Grizzly Steppe – Does the Bear do Cyber?

January 4, 2017 12 n Eastern

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- Agenda
  - What is Grizzly Steppe
  - NCCIC and JAR
  - What kinds of actions create the situation
    - Spearphishing
    - Websites
  - Questions

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Joint Analysis Report (JAR)

- NCCIC, Department of Homeland Security (DHS)
- Federal Bureau of Investigation (FBI)

https://www.us-cert.gov/security-publications/GRIZZLY-STEPPE-Russian-Malicious-Cyber-Activity

This document provides technical details regarding the tools and infrastructure used by the Russian civilian and military intelligence Services (RIS) to compromise and exploit.

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This RIS activity is part of an ongoing campaign of cyber-enabled operations directed at the U.S. government and its citizens. These cyber operations have include spearphishing campaigns targeting government organizations, critical infrastructure entities, think tanks, universities, political organizations, and corporations leading to the theft of information.

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Actions to Take Using Indicators

DHS recommends that network administrators review the IP addresses, file hashes, and Yara signature provided and add the IPs to their watchlist to determine whether malicious activity has been observed within their organizations. The review of network perimeter netflow or firewall logs will assist in determining whether your network has experienced suspicious activity.

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Caveat on JAR

- 900 Indicators provided
- under current reviewing and analyzing per the recommendations
- some of the Indicators are related to yahoo, google, and other known businesses
- related network traffic that is used in day to day business activity.

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Reporting (suggested discussion points)

- *E-ISAC*
- *DOE OE-417*
- *NERC Reliability Standard EOP-004*
- *CIP-008 for High and Medium*
- *CIP-003 for Low Impact, Incidence Response*

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Questions on the NCCIC Release or JAR documents?

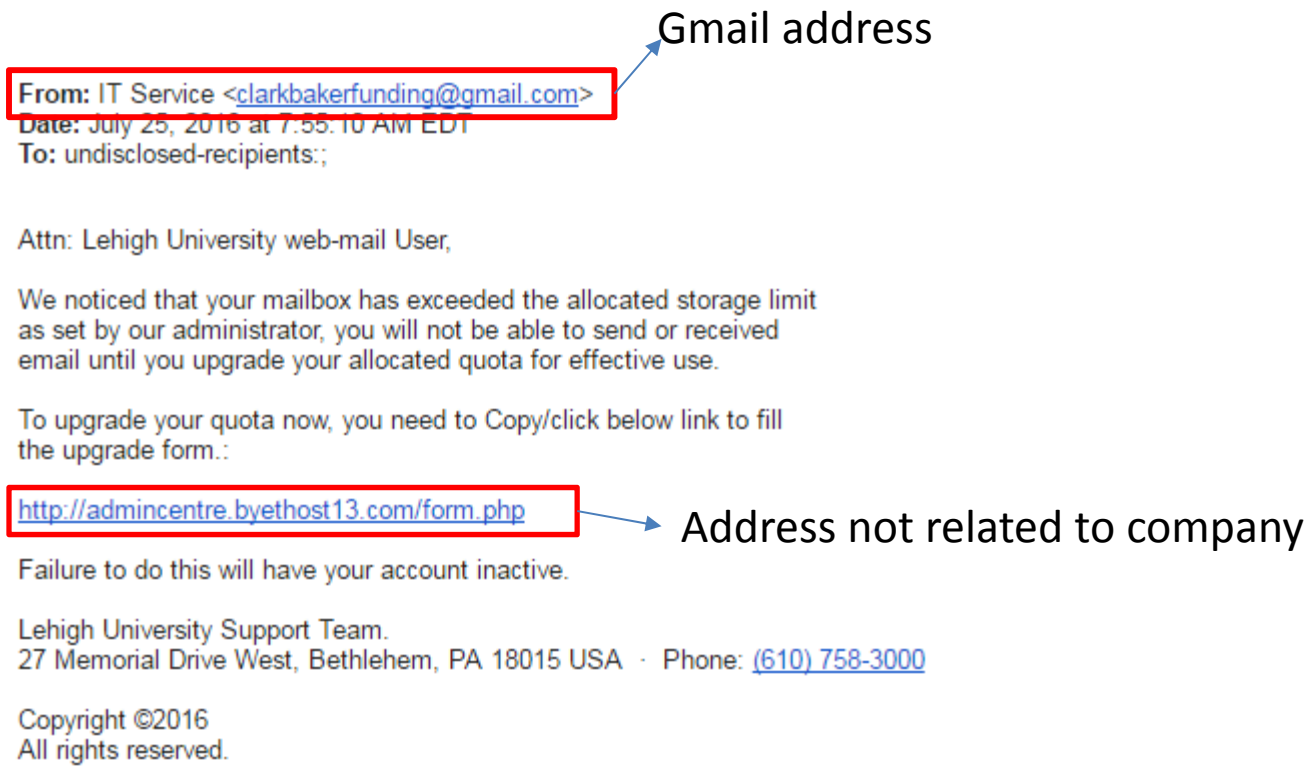
Has anyone performed any analysis based upon the Release or Jar?

Vulnerabilities

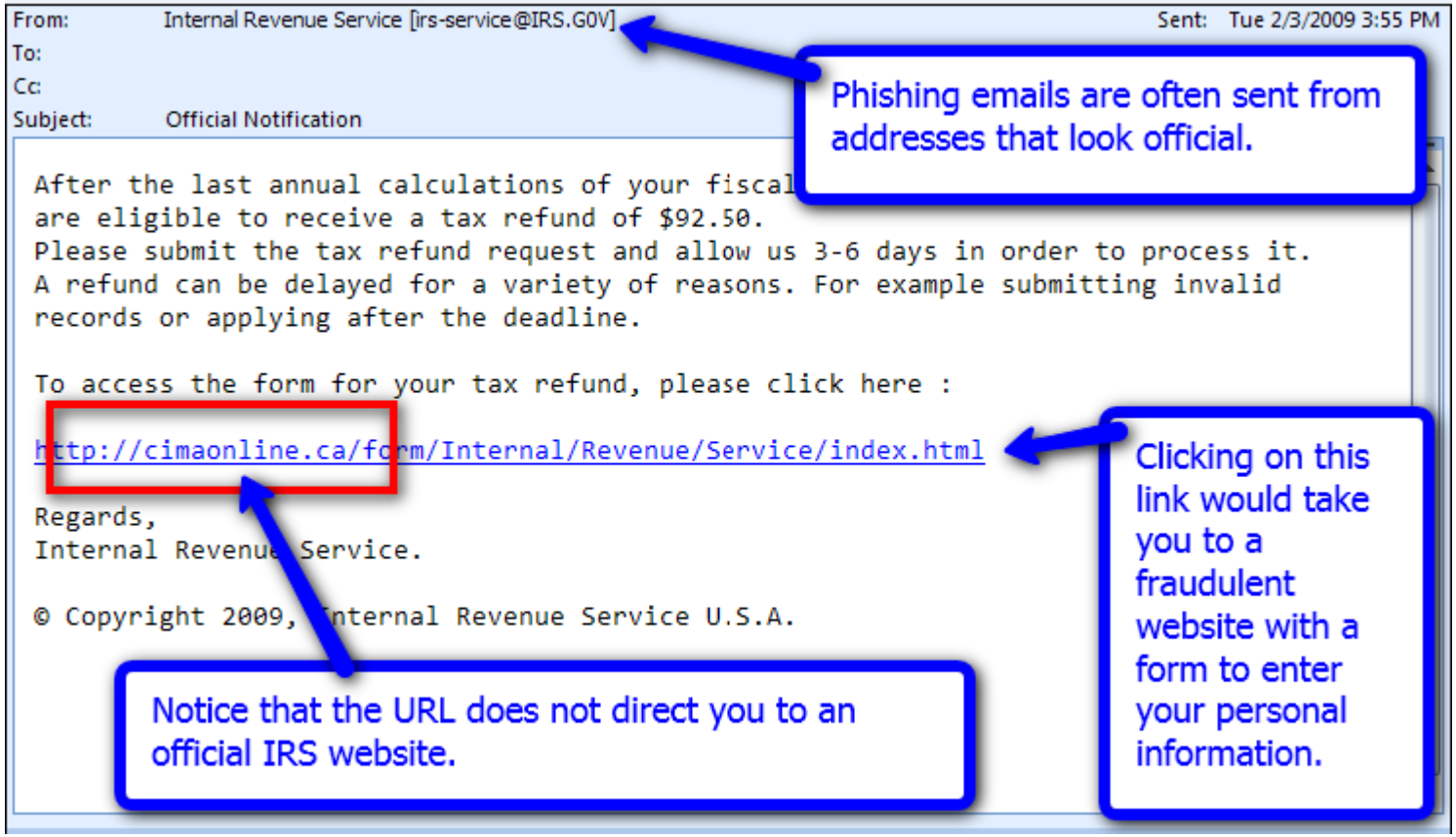
- Websites – Certain websites will deposit viruses on your system

- Spearphishing – what is it and how does it catch you?
  - Looks are deceiving
    - Bad links
  - Attachments

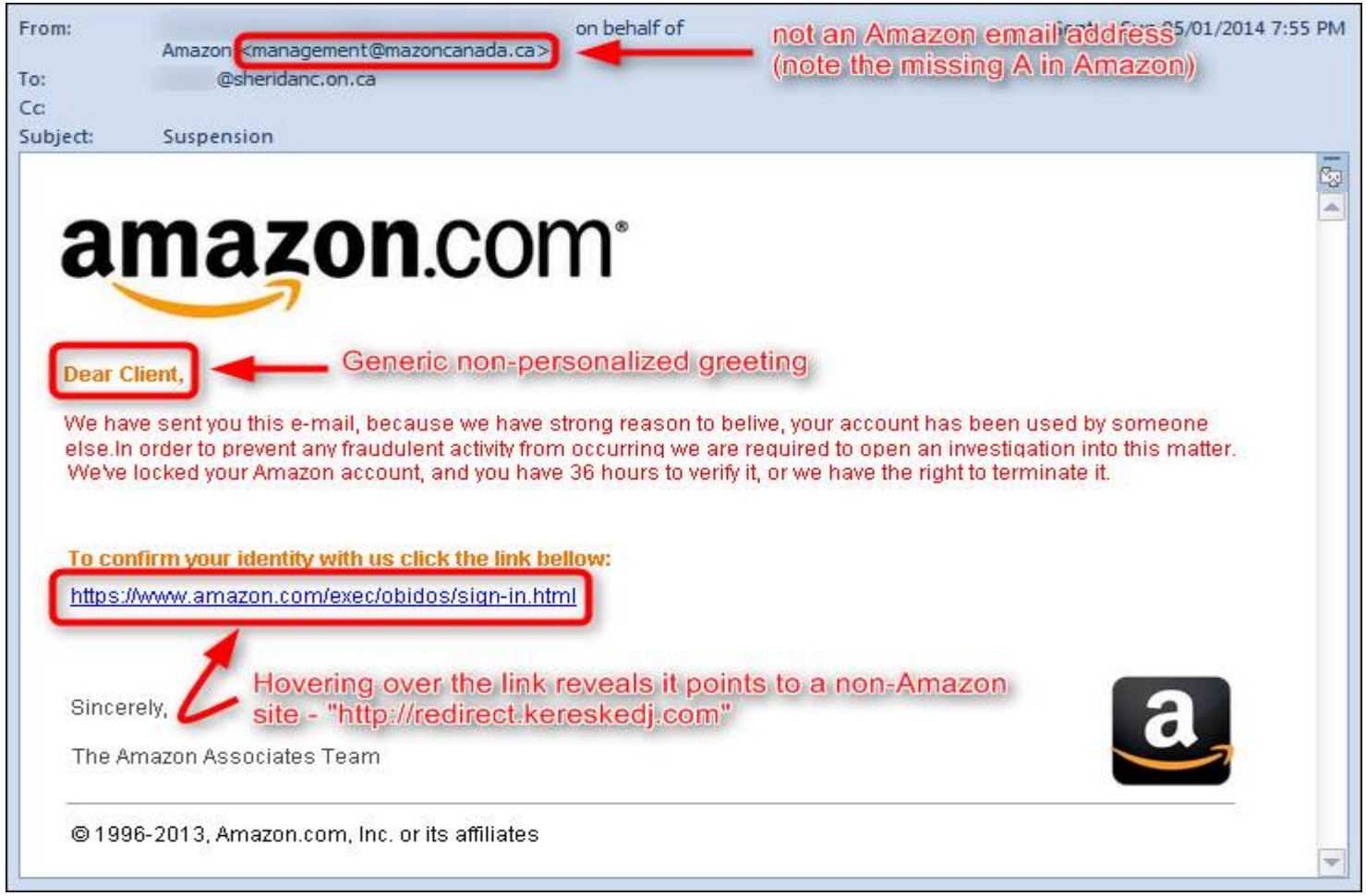
Spearphishing



Spearphishing



Spearphishing



Be Vigilant

- Keep raising awareness
- Conducting tests
- NERC CIP Versions 5+ Standards will help keep this moving

Additional Questions?