Cloud24x7 Inc.

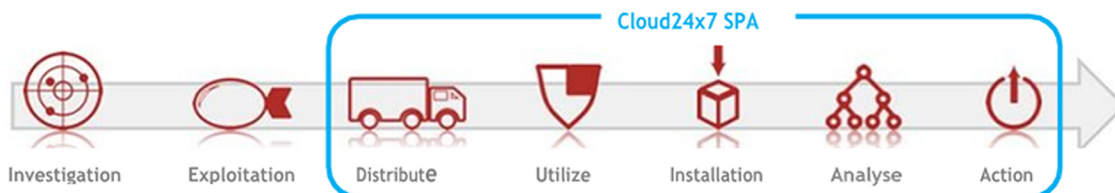## PhishNet

SPEAR PHISHING APPROACH

SPEAR PHISHING

Spear phishing, like phishing in general, are scams that attempt to trick the recipient into providing confidential information, like account credentials, to the attacker. Links or attachments can also be used to get the recipient to unknowingly download malware that can give the attacker access to the user's computer system and other sensitive information. Where spear phishing differs from the more generic phishing is its targeted nature. Spear phishing attacks are messages typically personalized based on public information the attacker has found on the recipient. This can include from topics surrounding the recipient's area of expertise, role in the organization, interests, public residential and tax information, and any information attackers can glean from social networks. These specific details make the email appear more legitimate and more likely for the recipient to click any links or download attachments.
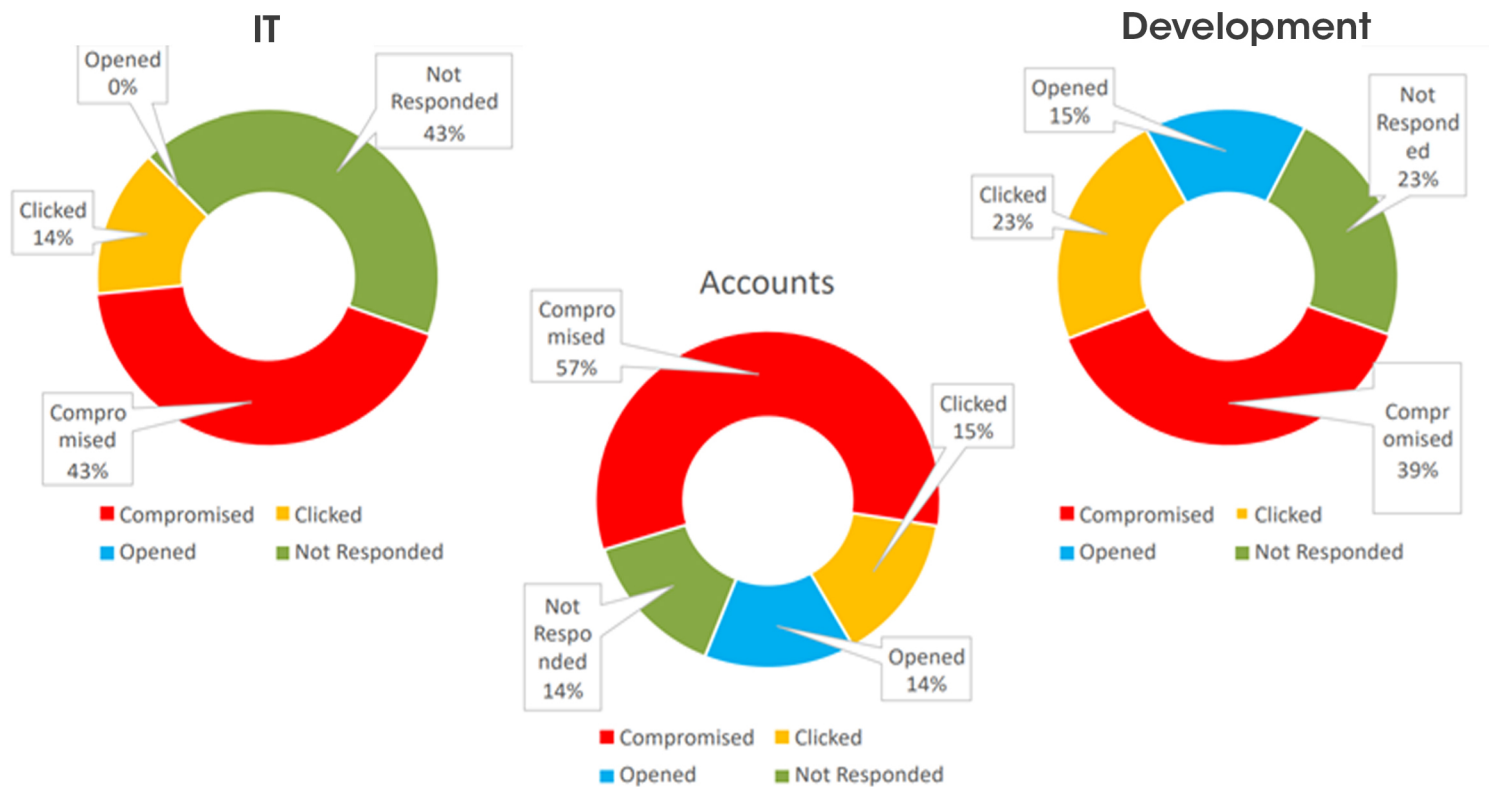

Cloud24x7 SPA

Investigation — Exploitation — Distribute — Utilize — Installation — Analyse — Action

How to protect against spear phishing?

Look for email protection solutions that use anomalytics to detect suspicious emails. Dynamic malware analysis that can analyze the destination websites for malicious behavior and simulate a real user system such that evasive techniques built into malware can be countered, driving the malware to reveal itself in a sandboxed environment. Sandboxing at the time of delivery of a suspicious email and when users click on a URL is likely to result in greater detection of these highly targeted threats.

Spear phishing visibility

PhishNet

IT

- Opened 0%
- Not Responded 43%
- Clicked 14%
- Compromised 43%

■ Compromised ■ Clicked
■ Opened ■ Not Responded

Accounts

- Compromised 57%
- Clicked 15%
- Opened 14%
- Not Responded 14%

■ Compromised ■ Clicked
■ Opened ■ Not Responded

Development

- Opened 15%
- Not Responded 23%
- Clicked 23%
- Compromised 39%

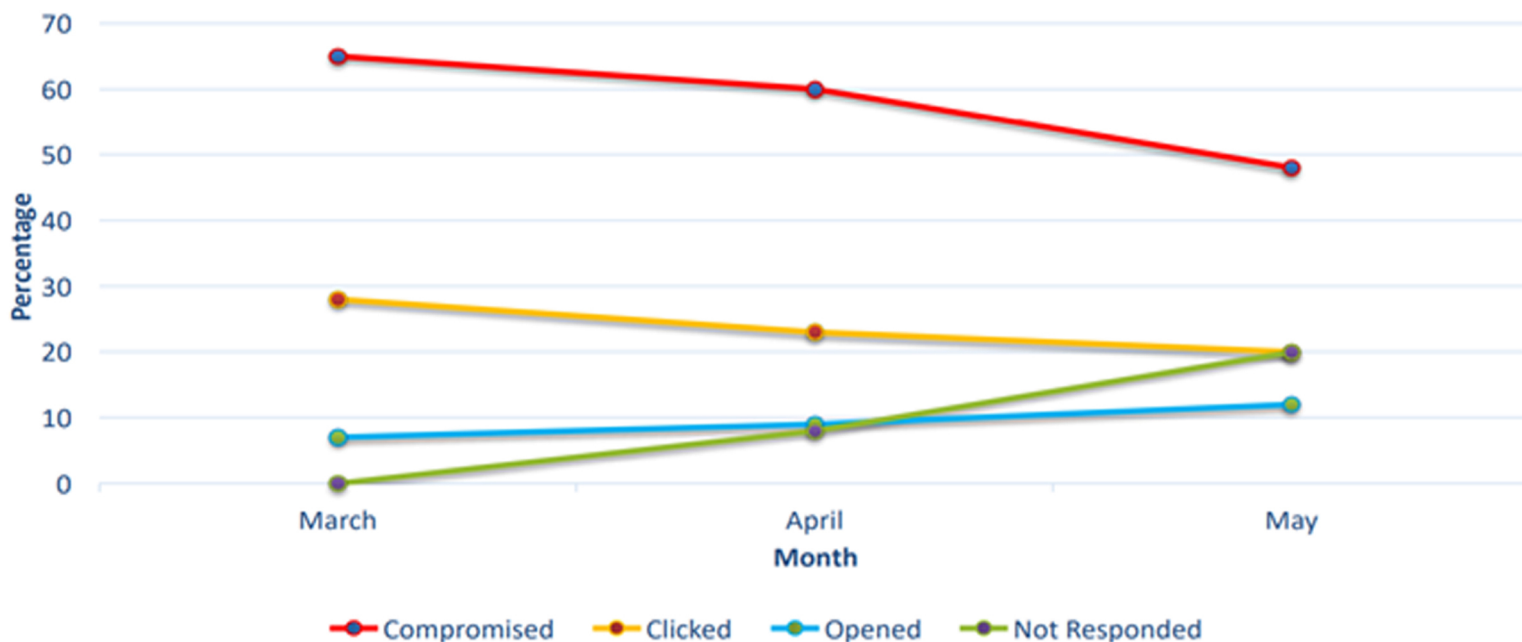■ Compromised ■ Clicked
■ Opened ■ Not Responded

How to Protect Yourself

Traditional security often doesn't stop these attacks because they are so cleverly customized. As a result, they're becoming more difficult to detect. One employee mistake can have serious consequences for businesses, governments and even nonprofit organizations. With stolen data, fraudsters can reveal commercially sensitive information, manipulate stock prices or commit various acts of espionage. In addition, spear phishing attacks can deploy malware to hijack computers, organizing them into enormous networks called botnets that can be used for denial of service attacks. To fight spear phishing scams, employees need to be aware of the threats, such as the possibility of bogus emails landing in their inbox. Besides education, technology that focuses on email security is necessary.

Monthly Trend Analysis

PhishNet

Chart: Percentage vs Month (March, April, May)

- Compromised: March 65, April 60, May 48
- Clicked: March 28, April 23, May 20
- Opened: March 7, April 9, May 12
- Not Responded: March 0, April 8, May 20

Legend: —•— Compromised —•— Clicked —•— Opened —•— Not Responded

Phishnet Services from Cloud24x7 helps organizations to develop and implement a continuous cycle of assessments, education, reinforcement, and measurement to successfully combat phishing attacks.

Define Program Scope → Schedule Phishing Campaigns → Interactive Awareness Education → Analyze & Report → Repeat Phishing Cycle

PhishNet a Phishing as a Service (PHaaS) which offers following key features:

Fully managed Phishing Simulator

Host of templates based on real-world scenarios

Comprehensive Report

Awareness Program

About US:

Cloud24x7, a Cyber security company provides an intelligent approach to fight against today's evolving cyber threats, enabling organizations to prevent, detect, remediate and respond to cyber-attacks. Cloud24x7's Security FIRST, Threat Intelligence Platform offers unparalleled visibility into the global threat landscape, advanced analytics and insights, delivers actionable, intelligence-driven security solutions to the clients around the world.

1451. W, Cypress Creek Road, Fort Lauderdale, Fl 33309