Course Title

RTTP – Anti-Phishing Workshop

反網絡釣魚攻擊工作坊

Course Code

RTTP-HFAP

Executive summary[1]

Security is critical to the success of businesses and Industry 4.0 adoption. The resilience of production processes strongly depends on the companies' awareness of the current threat landscape and the employed security framework for protecting against attacks. Human firewalls help identify the weak points that attackers may take advantage of.

Enterprises, beware. Threat actors are continuing to eye businesses for high returns on investment in Q1 2019, breaching infrastructure, exfiltrating or holding data hostage, and abusing weak credentials for continued, targeted monitoring. From a steadfast increase of pervasive Trojans, such as Emotet, to a resurgence of ransomware lodged against corporate targets, cybercriminals are going after organizations with a vengeance.

Yet every cloud has a silver lining, and for all the additional effort thrown at businesses, consumer threats are now on the decline. Ransomware against consumers has slowed down to a trickle and cryptomining, at a fever pitch against consumers this time last year, has all but died. Interestingly, this has resulted in an overall decline in the volume of malware detections from Q4 2018 to Q1 2019.

While threat actors made themselves busy with challenging new victims, they ensnared targets in the old ways, using tried-and-true malspam and social engineering tactics for distribution, including spear phishing emails and sextortion scams. However, a few noteworthy developments in exploit kits and software vulnerabilities opened the door for interesting experimentation, including a Chrome zero-day that required user action for patching.

Workshop Objectives

This is an interactive anti-phishing workshop that helps you understand how phishing attacks work, the tactics that cyber criminals employ, how to spot and avoid a potential attack and most importantly you'll be improve yourself and less vulnerable to phishing attacks.

What can be learned

- ✓ What is phishing?
- ✓ Types of Phishing
- ✓ How to distinguish phishing emails?
- ✓ Know-how Common phishing email features.
- ✓ How to build a Human Firewall using advanced technology
- ✓ In class phishing scenario tests for group discussion.
- ✓ In class phishing game quiz
- ✓ Free after-class phishing test.

Target Audience

✓ All computer end users

Prerequisites

- Using Internet / email service experience
- A mobile smartphone with WIFI / internet connection

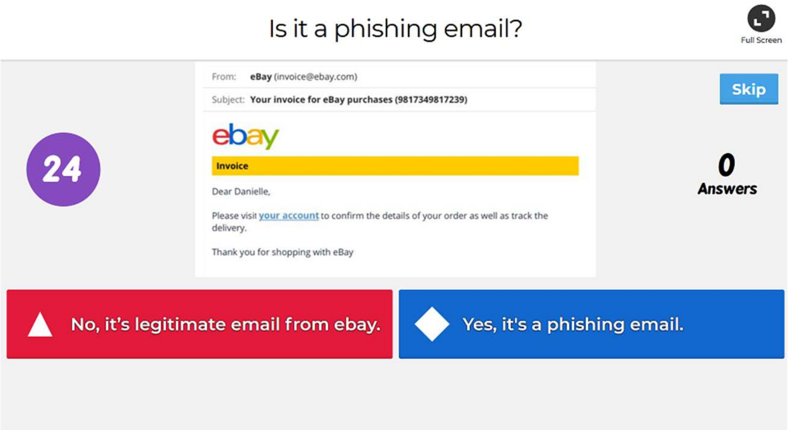
Course Content Highlight

- First Half

- What is phishing?
- Phishing Know-How!?
- Email security
- What is Human Firewall?
- Multi-layer of defence
- Building a Human Firewall
- Training Life Cycle
- Phishing scenarios – group discussion

- Second Half

- Interactive phishing game using smartphone / tablet



Is it a phishing email?

From: eBay (invoice@ebay.com)

Subject: Your invoice for eBay purchases (9817349817239)

ebay

Invoice

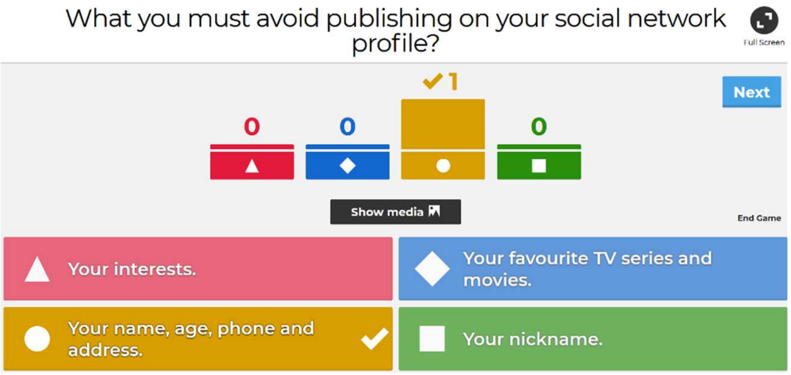
Dear Danielle,

Please visit your account to confirm the details of your order as well as track the delivery.

Thank you for shopping with eBay

Full Screen
Skip
24
0
Answers
▲ No, it's legitimate email from ebay.
◆ Yes, it's a phishing email.

Sample 1



What you must avoid publishing on your social network profile?

Full Screen
Next
0
0
✓1
0
▲
◆
●
■
Show media
End Game
▲ Your interests.
◆ Your favourite TV series and movies.
● Your name, age, phone and address. ✓
■ Your nickname.

Sample 2

- Post-workshop online phishing test

Trainers

Paul Chow

- CISSP, CEH, OSWP Certification holder
- Over 30 years' experience in IT, Security and Application Development

Eric Moy

- CISSP, CEH, CISA, PRINCE2, ITIL and ISO20000 Certification holder
- Over 30 years' experience in IT, Security and Service Management

Medium of Instruction

Cantonese (complemented with English terms)
(English terms will be used where appropriate)

Note: Reindustrialisation and Technology Training Programme (RTTP) registered course: 2/3 of the course fee will be funded upon RTTP approval.

Workshop of delivery

- Online Instructor-Led deliver thru Zoom video conferencing platform.
- Duration: 3 hours
- Course fee: HKD1200/person (May apply up to $800 grant) *The final grant subjects to approval by RTTP scheme

Workshop Size

30 persons

Award of Certificate

Candidates will be awarded a certificate of attendance after the workshop.

Enquiries

Please call Mr. Michael Chow at (852) 2851-0271 or email to michaelchow@udshk.com.
Website: https://www.udshk.com/