

Cyber Training

From: System Administration <activate@psu.edu>
Sent: Wednesday, February 27, 2019 2:41 AM
To: Recipients
Subject: Important Notification

Dear User,

Your Email account access will be removed in the next 24hrs as your device has been sending shot down request to our internal server.

If you think it's an error:

[Login To Restore Account](#)

This message was sent from an unmonitored e-mail address. Please do not reply to this message.

[Privacy](#) | [Legal](#)

Microsoft Office
One Microsoft Way
Redmond, WA
98052-6399 USA

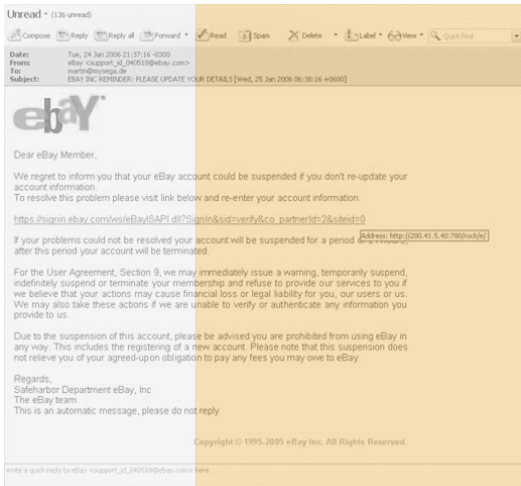


DISCRETE.
PERSONAL.
PROFESSIONAL.
EFFECTIVE.

Phishing

Security is only as strong as the weakest link in a chain. Companies typically invest heavily in information security technology, but cyber criminals don't just target systems, they target people. Companies have until recently forgotten to invest in cyber awareness for their employees, making both the individuals **and** companies vulnerable to cyber attacks.

Until recently, phishing was almost exclusively aimed at the consumer market; malware was considered the biggest threat to businesses. Today, phishing is the top social attack on businesses, responsible for more than 90 percent of security breaches. Given no cybersecurity defensive solution can block 100% of attacks, your employees need help to understand what to look for to protect themselves and you such attacks.



What is Phishing?

Phishing is a type of fraud by which a hacker tries to elicit personal information or credentials by impersonating a legitimate organisation by directing users to a malicious website.

Attack vectors include conning users into visiting a site, or generating website traffic in other ways such as by using a web address similar to a real company's address (e.g. BankExample.com as a common typo of BankExample.com or even BankExample.com – when the latter's font is changed the domain looks like this BankExample.com, the "ell" being replaced by a capital "EYE").

We found a few gaps in our systems that needed covering as well as some industry insights that we hadn't thought of.

**JOHN CARTER - AGS
PRESIDENT
Owner**

Jack Lewis Jewellers - IL

"Admin" e-mail Vector

A user gets an email that appears to come from an email admin asking the user to log in to their account. The embedded link may well be a "shared document" on "Cloud Storage". When the user clicks on the link in the email, it takes them to a cloned but fake login page, where their credentials are harvested, allowing the criminals to use those credentials

Spear Phishing (Personalised)

Phishing attacks used to be sent in bulk to a large group of users with resulting in impersonal greetings such as "customer," "employee," or "patient." Today's phishers are including the victim's name in the subject line and prefilling the victim's email address on the destination page.

Spoofing

Cybercriminals have many methods to disguise emails. They trick their victims into thinking a sender is legitimate, when the email is really coming from a malicious source. The phisher uses a legitimate company name as the email sender, such as microsoftsupport@microsoft.com, but the email underneath is a random address like xyz@yahoo.com or support@microsoft.com

Link Spoofing

Phishing emails will include a link to the "capture page". But phishing links are deceptive. While the link text might say "Go to email account", the URL takes the user to a phishing page cloned to look identical to the standard email login

HMH Consultants

The team at **HMH Consultants** are experts at identifying phishing attacks. Even more importantly that have the skills to test and train an organisations employees. This should be done on an ongoing basis with high quality video training explain how to identify and mitigate the threat. Reports are clear and easy to understand and if needed the team can assist with additional training and awareness campaigns

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