



學校網絡安全的挑戰與防護

思科系統(香港)有限公司

亞太區網路安全顧問 莫偉基先生

Recent Cyber Security Incident

8間學校網上校管系統受攻擊 3間學校資料外洩

2019-12-06 HKT 22:27

推介 111 分享工具



九成中小學網站、內聯網未加密 易遭黑客入侵



大圍一學校電腦疑遭變種勒索軟件入侵

大圍一學校電腦疑遭變種勒索軟件入侵

2017年11月8日 23:26



去年電腦保安事故大增55% 殭屍網絡攻擊最多

社會 13:48 2019/01/22 讚好 0

關注文章 儲存文章

分享: f d t e

熱門 黎小田 保羅大法 鑽領BNO 多功能老婆 秋冬湯水 猛火煲劇 英國升學 開心速遞 抗癌新方向 兒童健康



▲ 生產力局資訊科技部總經理黃家偉 (左) 及香港電腦保安事故中心高級顧問梁兆昌 (右) • (徐紹軒攝)

**Payment will be raised on**

5/15/2017 15:58:08

Time Left

02:23:58:59

Your files will be lost on

5/19/2017 15:58:08

Time Left

06:23:58:59

[About bitcoin](#)[How to buy bitcoins?](#)[Contact Us](#)

Ooops, your files have been encrypted!

English

What Happened to My Computer?

Your important files are encrypted.

Many of your documents, photos, videos, databases and other files are no longer accessible because they have been encrypted. Maybe you are busy looking for a way to recover your files, but do not waste your time. Nobody can recover your files without our decryption service.

Can I Recover My Files?

Sure. We guarantee that you can recover all your files safely and easily. But you have not so enough time.

You can decrypt some of your files for free. Try now by clicking <Decrypt>.

But if you want to decrypt all your files, you need to pay.

You only have 3 days to submit the payment. After that the price will be doubled.

Also, if you don't pay in 7 days, you won't be able to recover your files forever.

We will have free events for users who are so poor that they couldn't pay in 6 months.

How Do I Pay?

Payment is accepted in Bitcoin only. For more information, click <About bitcoin>.

Please check the current price of Bitcoin and buy some bitcoins. For more information, click <How to buy bitcoins>.

And send the correct amount to the address specified in this window.

After your payment, click <Check Payment>. Best time to check: 9:00am - 11:00am

GMT+8: Monday to Friday

**Send \$300 worth of bitcoin to this address:**

115p7UMMngoj1pMvvpHijcRdfJNXj6LrLn

Copy

Check Payment

Decrypt

Three threats most likely to cause damage in 2019



Malicious cryptominingRansomware

Hackers want to make money and use your infrastructure to do it.

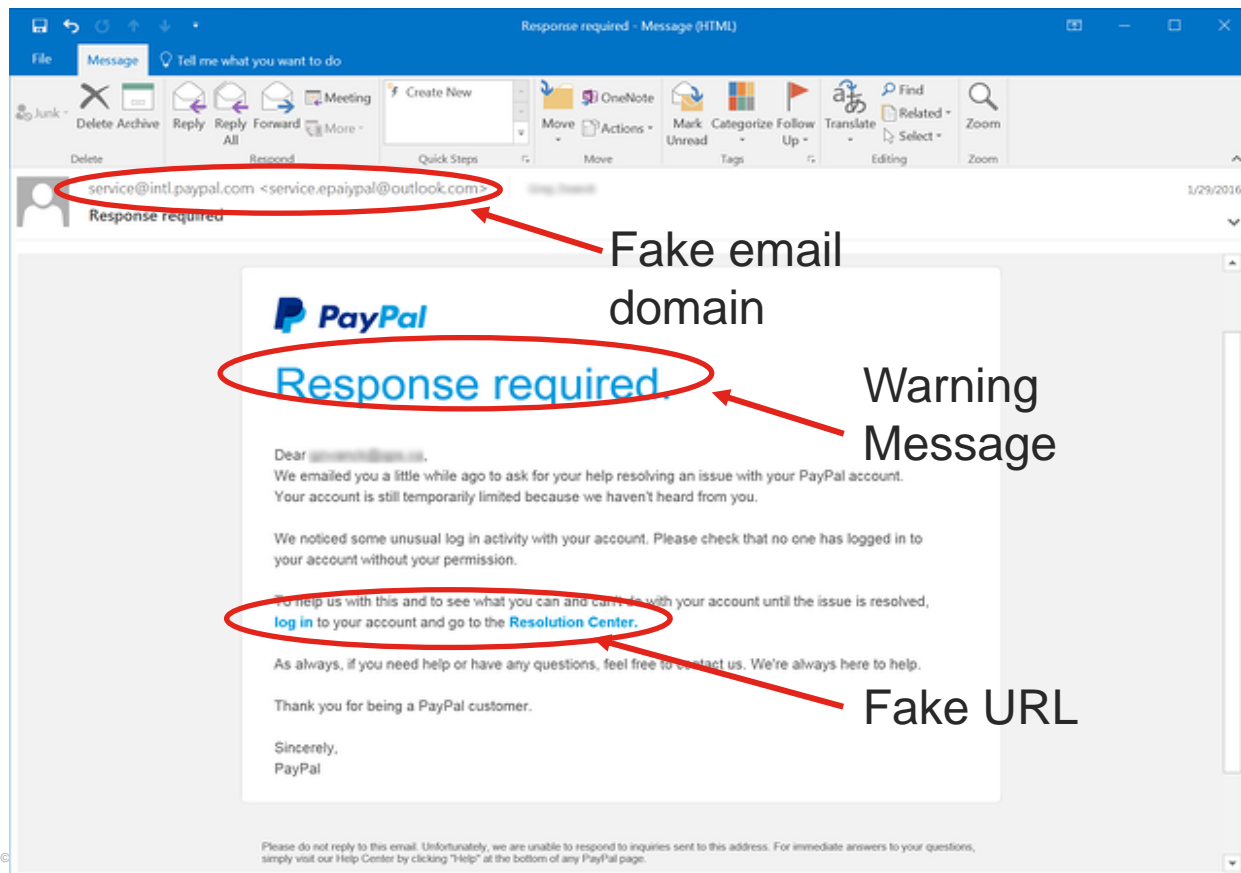
As the infection spreads, it reduces system performance and raises costs across your organization by draining your computing power.

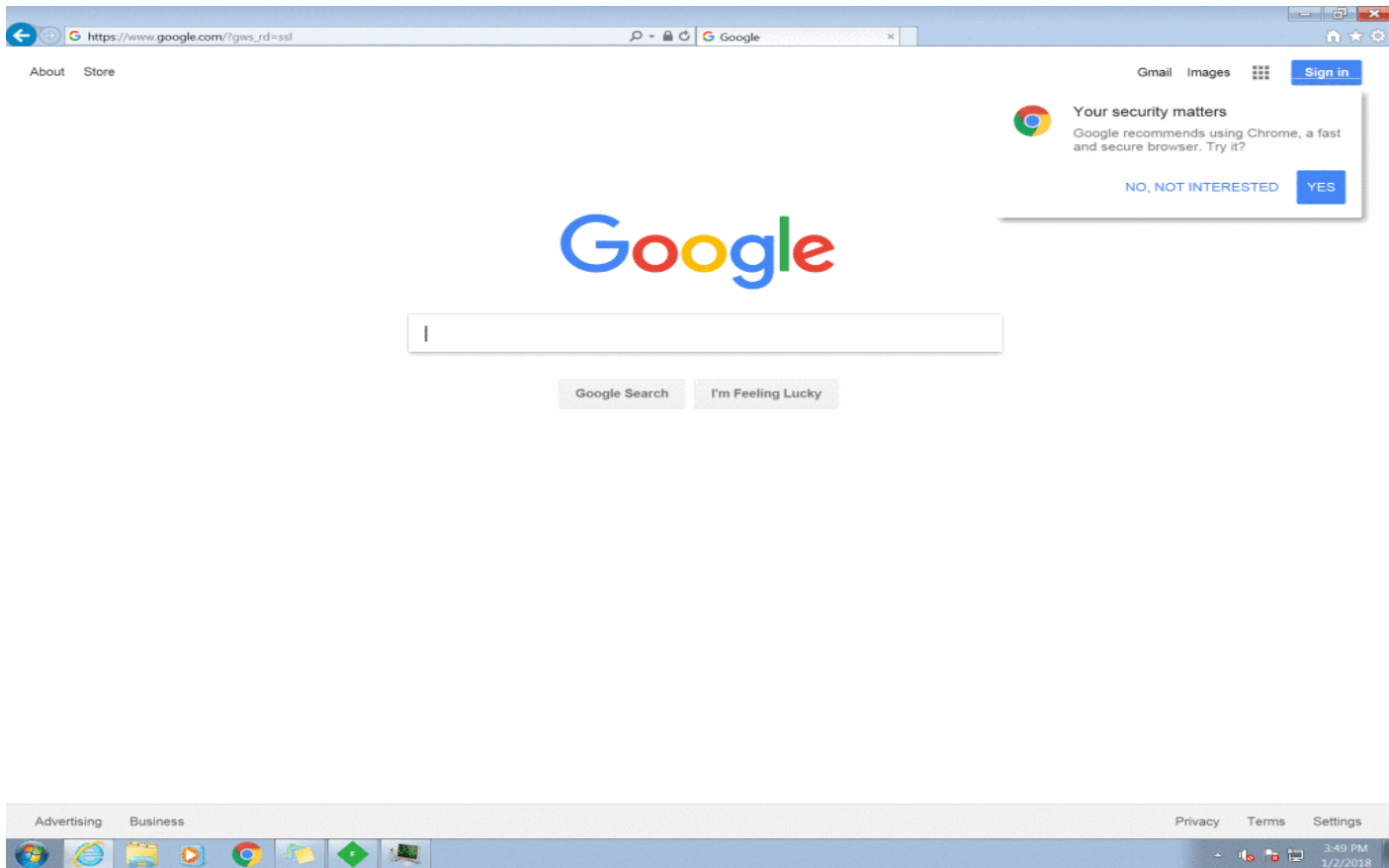
It doesn't matter if the initial threat is to personal information or client data, if a machine is infected with ransomware, your entire organization could be at risk. Attacks can lie dormant for an undetermined length of time, making them even harder to spot and stop.

Phishing

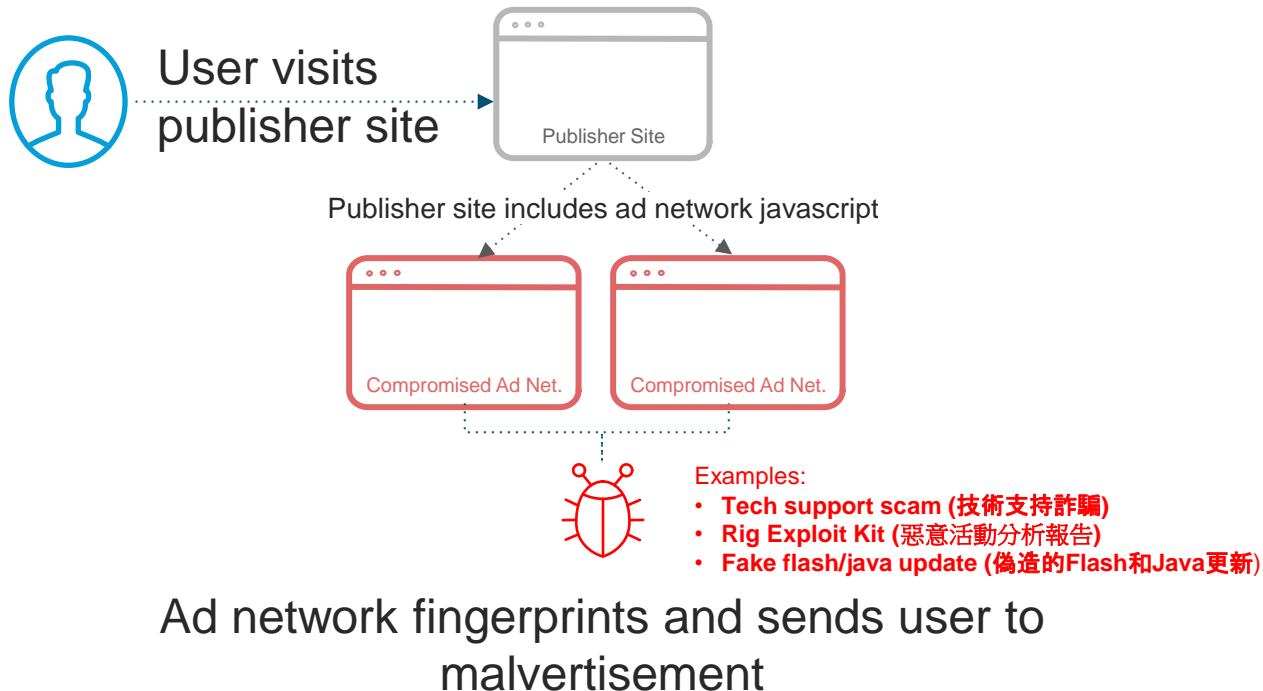
Attackers can easily obtain sensitive information such as usernames, passwords, banking data, or credit card details. If an employee opens a phishing email at work, or follows a malicious link, they could put the whole organization in jeopardy without realizing it.

Threat from Email



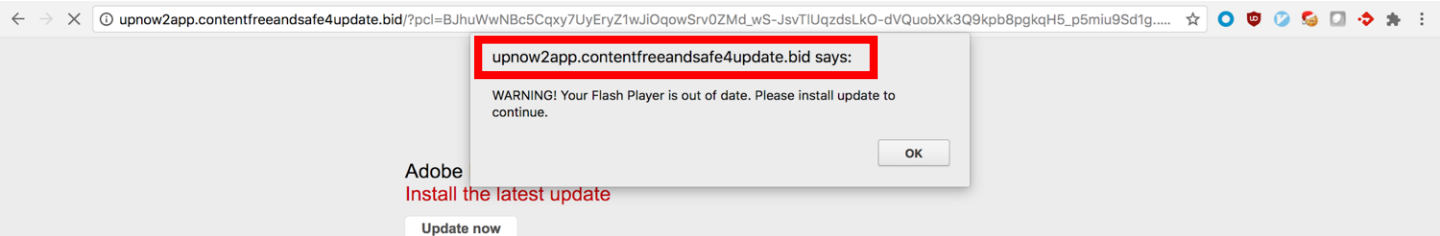


Ad Campaign Flow (廣告活動流程)





Tech Support Scams (技術支持詐騙)



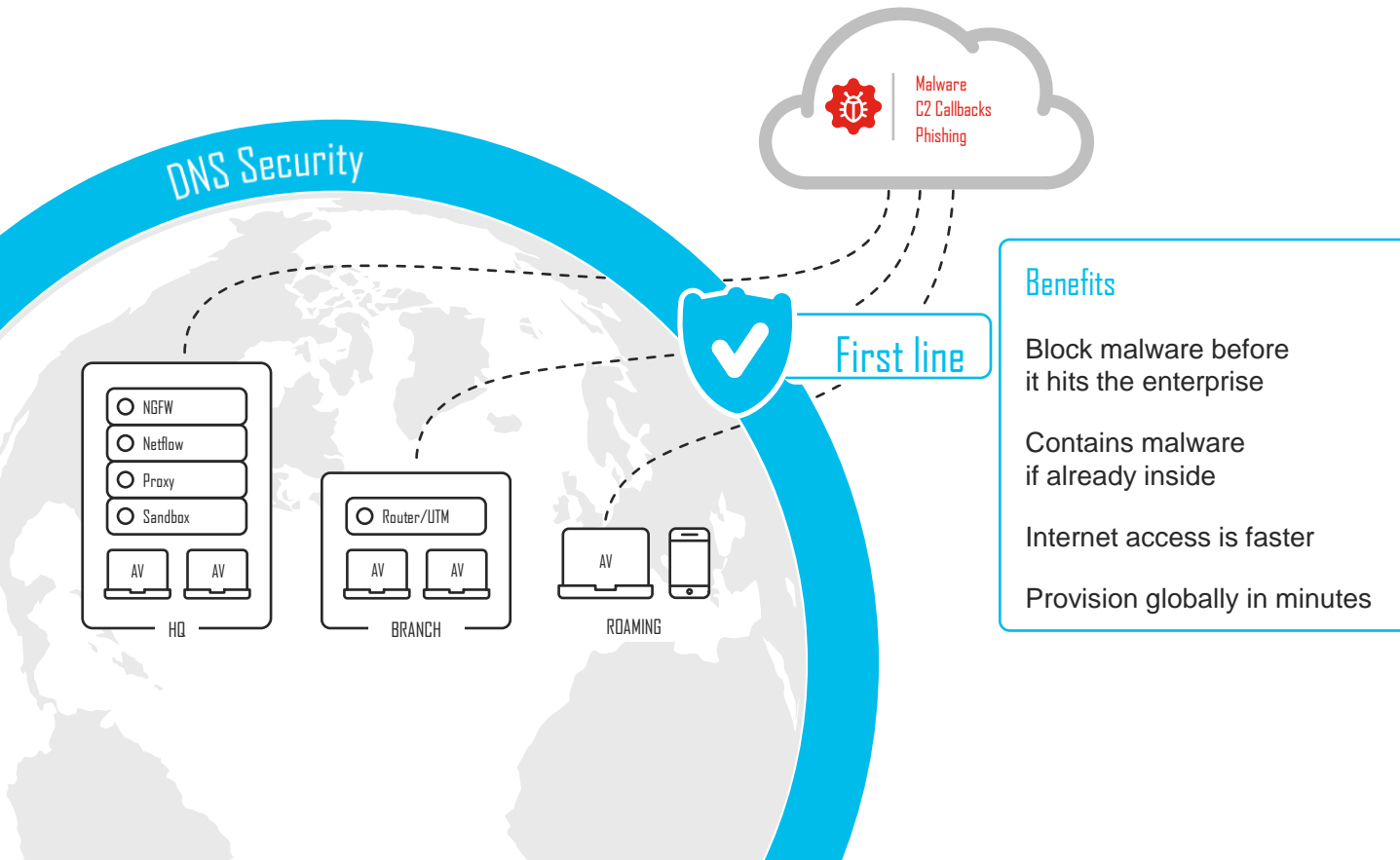
Fake Flash and Java Updates (偽造的Flash和Java更新)

[Affiliates](#) | [EULA](#) | [TOS](#) | [Privacy](#) | [Download Manager](#) | [Uninstall](#) | [Contact](#)

By downloading, you accept our TOS and Privacy Policy.
This free download is done via download manager which may offer other applications you can decline or uninstall.
This site and the download manager have no relationship with the author. Any third party products, brands or trademarks listed above are the sole property of their respective owner.

upnow2app.contentfreeandsafe4update.bid © 2017 | All Rights Reserved.

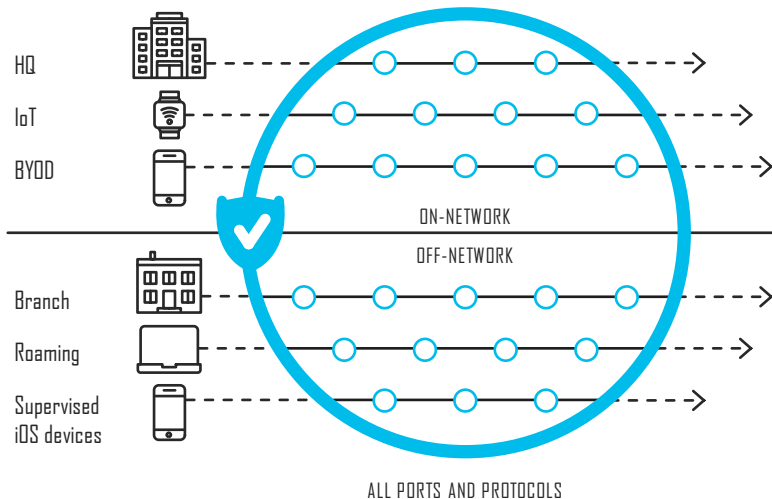
Where does DNS Security fit?



Visibility and protection for all activity, anywhere

ENFORCEMENT

DNS Security Services



All office locations

Any device on your network

Roaming laptops and supervised iOS devices

Every port and protocol

Domain / URL Blocking



This site is blocked due to a security threat.

www.examplemalwaredomain.com

SECURITY THREAT DETECTED AND BLOCKED

Based on Cisco Umbrella security threat information, access to the web site www.examplemalwaredomain.com has been blocked to prevent an attack on your browser.

Malware protection has shifted from the endpoint, deeper into the network, in order to cater to a growing number and variety of devices. In order to offer the most effective protection to computing assets on the Cisco network, Infosec, Cisco IT, and the Security Business Group have jointly rolled out Umbrella protection for Cisco's corporate DNS infrastructure. This service will block access to hostnames that are known bad and has been deployed to prevent malicious actors from serving malware or content otherwise harmful to users of the Cisco corporate network.

If you believe this hostname was misclassified, please connect to the Cisco network and open a [case](#) with Infosec.

As a matter of good practice, you may check whether your browser or any component plugin is vulnerable by visiting browsercheck.qualys.com. The UID at the end of the browsercheck.qualys.com URL does not uniquely identify your machine to Qualys; it is a shared UID to group all requests originating from Cisco IP ranges.

FAQ

Question: How do I access the page I'm trying to reach?

Answer: This hostname, the IP address that it resolves to or the DNS server that services its domain name has been intentionally blocked by CSIRT and/or Umbrella. The page has been blocked only because it represents a significant security threat to your computer system and information. You will not

Questions?





Built into foundation of the internet

ENFORCEMENT

Destinations

Original destination or block page



Security controls

- DNS and IP enforcement
- Risky domain inspection through proxy
- SSL decryption available

Intelligent proxy
Deeper inspection

Internet traffic

On and off-network

