香港寬頻
HONG KONG BROADBAND NETWORK

如何建立適合社福機構的網絡安全文化及提升前線同工的網絡安全意識

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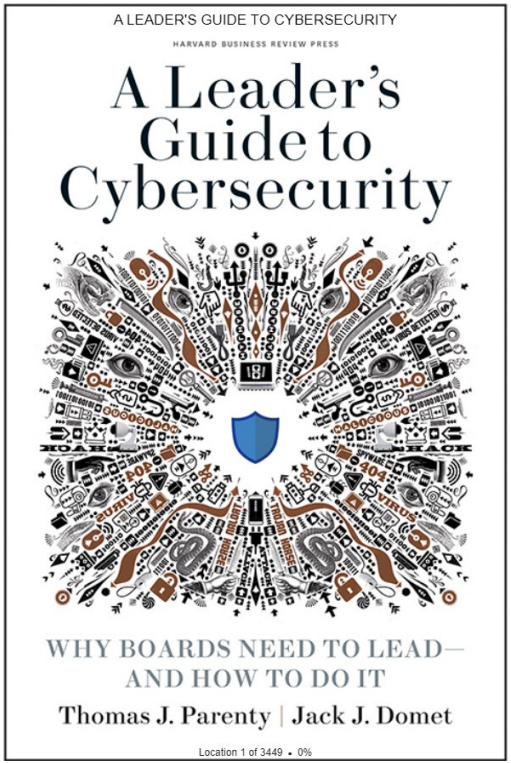
Make our Home a Better Place to Live

Agenda

1. “Humans are the weakest link in security”?

2. Why a good cybersecurity culture is important and how to manage rebounds from staff?

Humans are the weakest link in security?



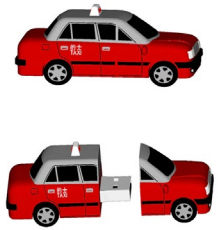
陳腔濫調 老生常談

It's a People Problem

"Cybersecurity is a people problem, not a technology problem." This platitude often takes another form: "People are the weakest link." While people do make mistakes, such as losing USB drives and opening malicious email attachments, we don't believe the problem lies with careless employees; rather, the problem rests on cybersecurity staff who fail to

Case study

- In 2007 & 2008, there were nine incidents in which personal and medical digital information in sixteen thousands HK residents was accidentally lost
- One incident involved a clerical staff member at the Prince of Wales Hospital who lost a USB flash drive in a taxi
- Easy conclusion that the staff member's lack of security awareness was the root cause



But the true root cause was found by asking two questions

1. What do you do at work?

   Ans: Prepared spreadsheets for interhospital, cross-charge billing for pathology test (病理檢查) performed at Prince of Wales Hospital

2. Why did you copy this information onto a USB drive?

   Ans: She didn't have Excel installed on her computer, so she use a USB drive to copy the spreadsheets from other colleague

Root cause

The IT staff didn’t install Excel on her computer.

Resolution

- Don’t just blame the victim
- Did we facilitate them to use IT safely?
- Are we “forcing” them to cross the line?

Why a good cybersecurity culture is important?

- It’s the best ways for an organization to reduce cyber risk
- Know the security risk and the process to avoid that risk
- Day-to-day actions that encourage employees to make thoughtful decisions that align with security policies
- A culture means top down, cybersecurity never work bottom up

https://www.isaca.org/resources/news-and-trends/isaca-now-blog/2020/why-build-a-cybersecurity-culture

How to cultivate Cybersecurity culture in your organization? Things to consider

- If hacker can get in today, most probably they already can hack in months ago, you already lucky to be affected today
- Reputation took decades to build, you may not have a chance to rebuild it
- Too tight control will only force those smart one to find a better way to get around

HKBN Information Security practices

- We believe Information Security is guard rail instead of gate
- We provide value instead of just enforcement

- Security is top-down, senior management is the group that need to best protection
- Tactically we switch between rigid/flexible, good/bad guy

Common misconception on Cybersecurity

My website do not contain sensitive data

昔日東方 返回今日 ▸電子報 ▸即時新聞 ▸東方新版意見箱 1月10日 (二) 19°C 主頁

2012年12月10日 (一) 要聞港聞 兩岸國際 產經 娛樂 副刊 男極圈 體育 馬經 波經 社論專欄 慈善基金 昔日東方

披露易曾遭黑客入侵 上一則 下一則 T- T+

披露易曾遭黑客入侵

「黑客」無孔不入，聯交所系統亦成為攻擊對象，去年八月港交所(00388 股價)「披露易」中招，導致多隻藍籌要停牌，影響之大令聯交所遭市場口誅筆伐，事後聯交所惟有急急「補鑊」，採取措施分散披露渠道。

即秒報價

相關新聞

· 證監預警券行防騙

我的瀏覽記錄

· 「披露易」補鑊訂受干擾安排 (03/09)

▸清除記錄

去年八月十日「披露易」網站遭「黑客」入侵，令滙控(00005 股價)、國泰(00293 股價)及港交所(00388 股價)等需要暫停買賣，結果導致港股當日「升少截」，不少投資者因為未能及時沽貨，而蒙受損失。

港交所急補鑊

港交所其後推出措施補救，包括將登載於上市公司公告板的通告通知定格，透過電郵方式發予所有交易所參與者、結算參與者、資訊供應商及傳媒，使其可轉發客戶及公開發布等。

到今年三月中，則「輪到」金銀業貿易場及轄下多間交易商的網站，受到「黑客」攻擊及勒索，勒索金額由十萬元至數十萬元不等，這次攻擊引致交易市場訊息混亂。

https://orientaldaily.on.cc/cnt/finance/20121210/00202_019.html

Common misconception on Cybersecurity

I have other protection and no need to patch

快圖美明知存漏洞仍無更新系統　洩62萬客戶資料　遭黑客勒索

撰文：孔繁栩
出版：2022-11-14 12:24　更新：2022-11-14 2

相片沖曬公司快圖美在2021年遭黑客入侵，安裝勒索軟件加密。私隱專員公署今日（14日）公布調查報告，事故影響約62萬名會員及訪客，調查顯示，快圖美所購用的防火牆曾於2019年出現漏洞，惟快圖美明知而未有按照生產商指示，對保密插口層虛擬私有網絡（SSL VPN）採取停用、更新或多重認證等措施。私隱專員鍾麗玲直指，快圖美「對已知風險抱有過份樂觀甚或僥倖心理」，事件令人遺憾。

快圖美明知存漏洞仍無更新系統　洩62萬客戶資料　遭黑客勒索 (hk01.com)

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The End

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