香港
網絡安全資訊共享
夥伴試驗計劃

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助理政府資訊科技總監

網絡安全及數碼個人身分

2018年4月11日

計劃的背景

- 網絡攻擊日趨頻繁、複雜。在保護資訊系统和數據方面，機構面對重大挑戰
  Cyber attacks continue to increase in frequency and sophistication, presenting significant challenges for organisations to protect their information systems and digital assets

- 個別機構難以無間斷地在互聯網上尋找相關的資訊來防範網絡威脅
  It is difficult for individual organisations to scout the Internet continuously by themselves and to find out meaningful learnings and formulate informed decisions to guard against cyber threats

- 分享資訊和預警可以幫助減低網絡保安風險
  Sharing information and early warnings can help mitigate risks

内地及海外經驗

- 內地 - 網絡安全威脅信息共享平台
- 英國 - Cyber Security Information Sharing Partnership (CiSP)
- 美國 - Financial Services - Information Sharing and Analysis Center (FS-ISAC)

計劃的目標

- 建立跨行業的互信合作網絡，共享網絡安全資訊
  Establish a cross-sector, trusted collaborative network to share cyber security information

- 提供資訊共享與合作平台，提高網絡安全態勢認知
  Provide a collaborative platform for sharing information, to give a better visibility of the cyber security situational awareness

- 培養行業之間的合作文化，提高分享網絡安全資訊的效率
  Cultivate local collaborative culture among the industry for effective cyber security information sharing

- 提升香港整體應對網絡攻擊的防衛和復原能力，抵禦大型的網絡攻擊
  To enhance the cyber resilience of Hong Kong against territory-wide cyber attacks

籌備工作：「徵求資料書」

- 「網絡安全資訊共享夥伴試驗計劃」於2017年第四季獲創新及科技局下的科技統籌（整體撥款）資助
The Programme obtained funding support from TechConnect (Block Vote) under the Innovation and Technology Bureau

- 於2017年年底向190多間機構發出「徵求資料書」，以便了解業界對此計劃的意見
Request for Information issued to some 190 organisations to gauge market interest in end-2017

- 主要專業團體、學術界、公營機構、關鍵基礎設施和資訊科技公司等都對此計劃作出正面回應
Received positive responses from major professional bodies, academia, public organisations, critical infrastructure, IT vendors, etc.

- 全部支持此計劃並表示有興趣參與
All supported the initiative and showed interest to participate

- 全部同意通用網絡平台是有效的資訊共享渠道，並支持舉辦面對面會議，幫助建立互信
All agreed a common web-based platform is an effective channel and supported the need to organise face-to-face meetings

計劃的初步內容

- 建設一個網絡安全資訊共享與合作平台，以便有效和安全地共享資訊
  A web-based platform for effective and secure information sharing and collaboration

- 舉辦面對面交流活動，促進信任
  Face-to-face activities to strengthen the trust relationship

- 專業群體互相交流網絡威脅資訊、緩解方法、良好作業模式、資訊保安心得等
  Professional circles to exchange cyber threat information, mitigation measures, best practices, tips

- 向公眾發布相關的資訊和可行的措施，減低保安風險
  Disseminate analysed information with actionable insight to the community

- 免費參與為期兩年的試驗計劃
  Free of Charge during the 2-year pilot period

計劃的對象

● **參與者:**

➢ 各主要互聯網服務供應商

➢ 資訊科技及保安公司

➢ 關鍵互聯網基礎設施營運商

➢ 關鍵基礎設施營運商

➢ 網絡安全研究人員

➢ 本地電腦保安事故協調中心等

● **受益者：**

➢ 參與者與其客戶

➢ 公眾

Participants:

Key Internet service providers

IT and security vendors

Critical Internet infrastructure

Critical infrastructure

Cyber security researchers

Local Computer Emergency Response Teams, etc.

Beneficiaries:

Participants and their clients

General public

制定策略和實施計劃

- 根據公開招標結果，香港生產力促進局 (HKPC) 負責協助制定策略和實施計劃，包括:
  According to the open tendering result, HKPC is responsible for assisting in devising strategies for implements the Programme, including:

  - 規劃此計劃的策略，例如擬定參與計劃的條款及條件
    Plan for programme strategy, including formulate Terms & Conditions of the Programme

  - 鼓勵及邀請持分者參與顧問組及成為計劃成員
    Engage advisory group and members

  - 擬定資訊分享的方法和機制
    Propose methodology and mechanism for sharing

  - 建議計劃的長遠安排
    Recommend future, long term arrangement of the Programme

計劃的時間表

2018年 4–5月	■ 擬定參與本計劃的條款及條件 Devise Terms and Conditions of the Programme	
2018年 6–8月	■ 鼓勵和邀請持分者參與計劃 Members engagement ■ 安裝和測試資訊共享平台 Installation and testing of the information sharing platform	■ 定期與計劃成員會面 Regular meetings with members
2018年 9月	■ 推出「網絡安全資訊共享夥伴試驗計劃」及其下的資訊共享平台 Launch the Programme and its information sharing platform	
2018年 第四季	■ 舉行第一次專業研討會暨圓桌會議，促進建立夥伴關係，鼓勵分享網絡安全資訊 First Professional workshop cum round-table meeting to encourage exchange of information and facilitate building of trusted partnership	

計劃的時間表（續）

2019年 上半年	■ 為平台注入人工智能的元素 Integrate the AI technology into the Platform	
2019年 下半年	■ 舉行第二次專業研討會暨圓桌會議，促進建立夥伴關係，鼓勵分享網絡安全資訊 Second Professional workshop cum round-table meeting to encourage exchange of information and facilitate building of trusted partnership	■ 定期與計劃成員會面 Regular meetings with members
2020年 8月	■ 「網絡安全資訊共享夥伴試驗計劃」結束及釐定下一階段計劃 Completion of the Programme and determine its next stage	

誠邀各位參與，共同維護及加強香港的網絡安全

合作
COLLABORATION

互信
TRUST

Build better cyber resilience
for Hong Kong

分享
SHARING

謝謝各位！