



# Network Security and e-safety in schools

Part 1: EDB's support on implementing ITE,  
- Sierra Lam, IT in Education Section, EDB

Part 2: Suggested Actions on WebSAMS,  
- Robert Lo, Information Technology Management Division, EDB

# School Systems

- Learning and Teaching
- Administrative System (WebSAMS)



# General e-Safety Practices

- WiFi 100 and WiFi 900
  - Recommend to use separate networks for networks of learning and teaching and administrative system
  - BYOD – e.g. use of MDM (control by schools) / regular updates
  - Teachers and students
    - Information Security in Schools – Recommended Practices (install patches, handling emails, etc.)
    - Promotion of Information Literacy
- Technical Advisory Team of ITE Section, EDB
  - [ite@edb.gov.hk](mailto:ite@edb.gov.hk)
  - 3698 3594 / 3698 3574 / 3698 3566 / 3698 4148

# General e-Safety Practices

- Information Security in Schools website

## Information Security in Schools

### (2017/05/16) How to get an update through Windows Update

<https://support.microsoft.com/en-us/help/3067839/how-to-get-an-update-through-windows-update>

### (2017/05/15) Tackling Ransomware and Related Seminar on 17 May 2017

1. A new variant of ransomware known as "WannaCry" (WannaCrypt) is spreading quickly, through a Windows SMB vulnerability (EternalBlue and DoublePulsar). HKCERT was aware that there is a widespread overseas and advised to adopt the attached precaution measures.

[\(Click here to download the precaution measures in both Chinese and English\)](#)

For further updates, please visit

HKCERT: [https://www.hkcert.org/my\\_url/en/alert/17051401](https://www.hkcert.org/my_url/en/alert/17051401)

EDB: <http://www.edb.gov.hk/en/edu-system/primary-secondary/applicable-to-primary-secondary/it-in-edu/Tackling-Ransomware.html>

2. AITLE is working with a number of stakeholders, including HKCERT, Microsoft and EDB, to organise a seminar on tackling ransomware for schools. Details are as follows:

For registration, please visit the web site of AITLE at <http://www.aitle.org.hk/?p=3937>.

Date : 17 May 2017 (Wednesday)

Time : 5:00 pm - 7:00 pm

Venue : Lecture Theatre, 4/F, West Block, Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon Tong

3. In order to raise public awareness on information and cyber security, the OGCIO recently produced two infographics titled as "Beware of Ransomware Infection" and "Secure Your Home Network Devices" which help to remind your teachers and students to take necessary precautions against ransomware attacks. Schools may download the softcopy of the two infographics from the website at <http://www.cybersecurity.hk/it/resources.php>.

4. For recommended practices for information security in schools, please refer to [http://www.edb.gov.hk/attachment/en/edu-system/primary-secondary/applicable-to-primary-secondary/it-in-edu/WIFI900/IT\\_SecurityinSchools\\_RecommendedPractice\\_Aug2016.pdf](http://www.edb.gov.hk/attachment/en/edu-system/primary-secondary/applicable-to-primary-secondary/it-in-edu/WIFI900/IT_SecurityinSchools_RecommendedPractice_Aug2016.pdf).

5. Should you have any enquiries regarding handling the issue, please contact the Hong Kong Computer Emergency Response Team Coordination Centre (HKCERT) by e-mail to [hkcert@hkcert.org](mailto:hkcert@hkcert.org) or by phone on 8105 6060. Besides, you are welcome to contact our



[www.edb.gov.hk/ited/informationsecurity/eng](http://www.edb.gov.hk/ited/informationsecurity/eng)

# General e-Safety Practices

- Teachers and students: Infographics for schools on "Beware of Ransomware Infection" and "Secure Your Home Network Devices" by OGCIO
- Parents: Roadshow / Information kit on e-learning at HKedCity (IL and e-safety issues)



<http://www.cybersecurity.hk/tc/resources.php>

[https://www.hkedcity.net/parent/s\\_elearningseries/](https://www.hkedcity.net/parent/s_elearningseries/)

# Funding Support

- One-off Information Technology Grant (OITG): Additional manpower for technical support / procurement of MDM
- CITG / OITG: Collect data from schools to evaluate and understand school needs through survey in June

