



KESELAMATAN SIBER PERANAN BERSAMA

OLEH:

AGENSİ KESELAMATAN SİBER NEGARA
NOVEMBER 2018

KANDUNGAN



Penggunaan Internet di Malaysia



Keselamatan & Ancaman Siber



**Kesedaran Keselamatan Siber Sektor
Awam**





PENGGUNAAN INTERNET DI MALAYSIA

DIGITAL IN MALAYSIA

JANUARY 2018



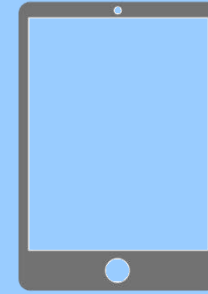
**31.83
million**

Total Population



**25.08
million**

Internet Users



**21.62
million**

Unique Mobile Users



**24.00
million**

Active Social Media Users

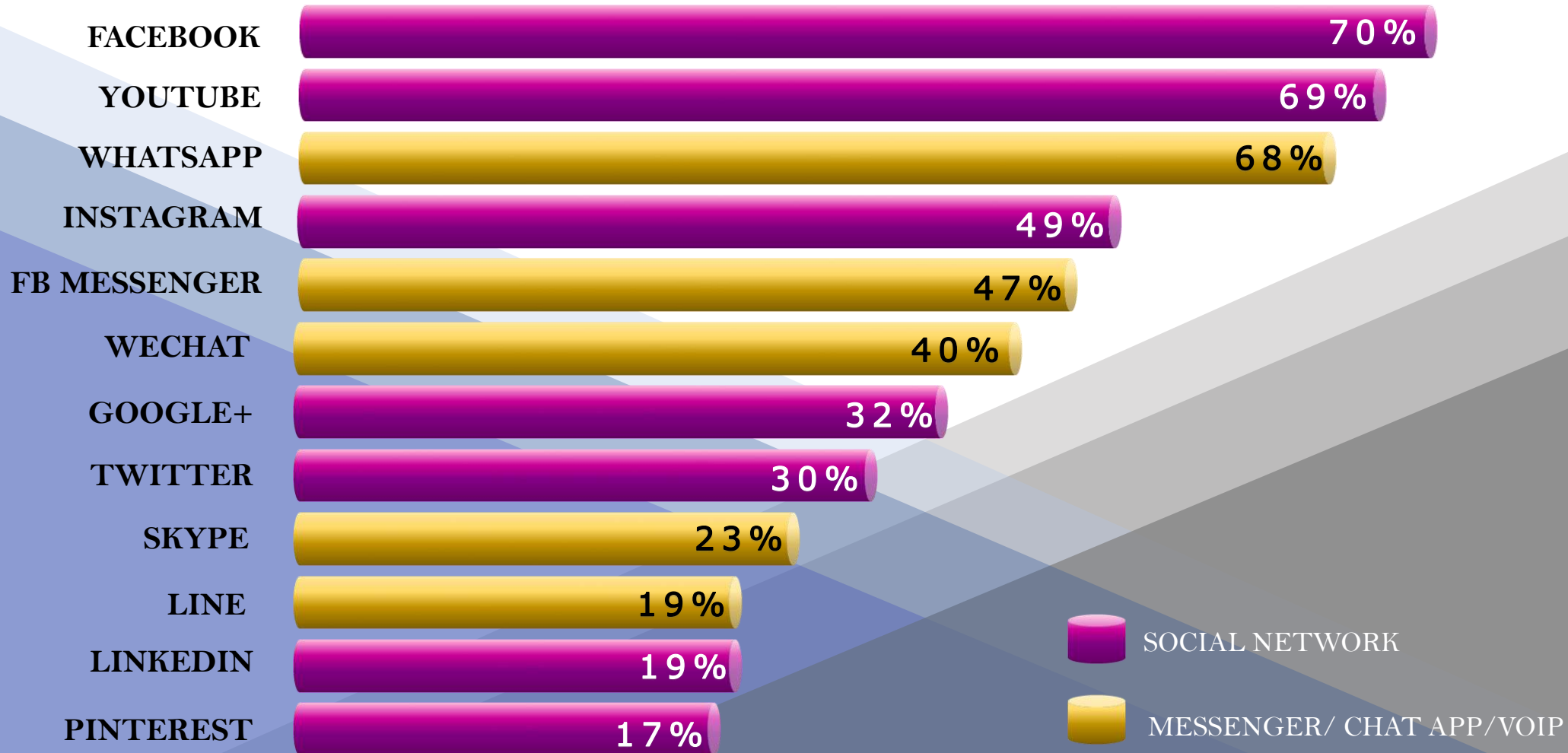


**22.00
million**

Active Mobile Social Users

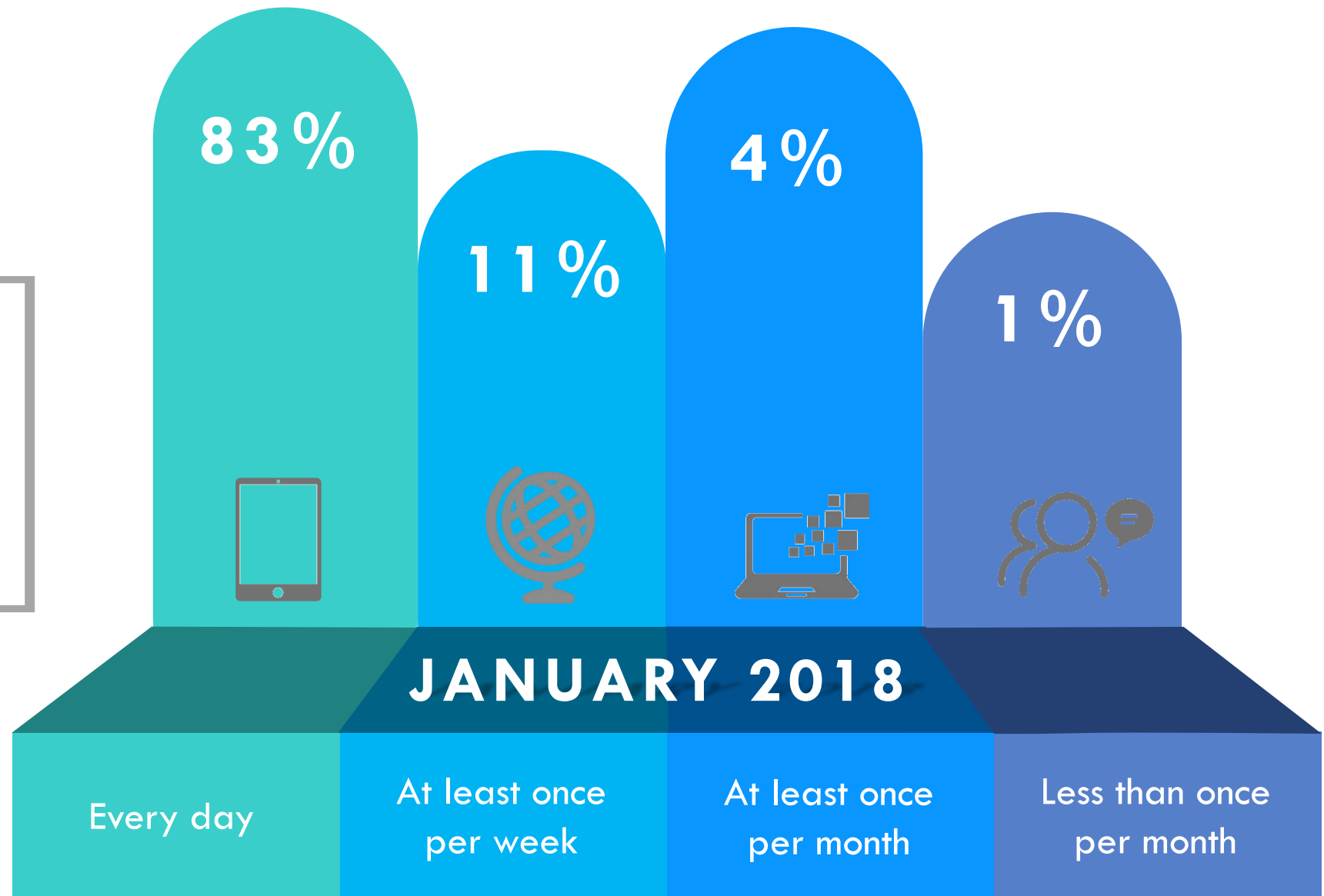
JAN 2018

MOST ACTIVE SOCIAL MEDIA PLATFORM



Sumber: <https://www.slideshare.net/wearesocial/digital-in-2018-in-southeast-asia-part-2-southeast-86866464>

KEKERAPAN PENGUNAAN INTERNET



Sumber: <https://www.slideshare.net/wearesocial/digital-in-2018-in-southeast-asia-part-2-southeast-86866464>

A photograph of a family of three sitting on a light-colored sofa. On the left, a woman with blonde hair is looking down at a laptop on her lap. In the center, a young girl is looking at a tablet. On the right, a man is looking at a smartphone. The image is overlaid with a semi-transparent dark blue rectangle, and the title 'KETAGIHAN INTERNET' is written in white capital letters across the center.

KETAGIHAN INTERNET

A background image showing three children, two girls and one boy, sitting together and looking at a tablet. The girl in the foreground is wearing a yellow jacket, and the boy next to her is wearing a grey sweater. The image is slightly faded to allow text to be read over it.

“ 14 %

Kadar ketagihan internet - Malaysia menduduki tangga ketiga di belakang Filipina dan Hong Kong dengan kadar 14%. Peratusan global 6%.

Sumber: Dr. Kwok Kei Mak, Hong Kong, 2014

78.8 %

”
Pengguna internet, terutama kanak-kanak di negara ini mengalami ketagihan Internet

Sumber: Berita Harian, 22 Oktober 2017

2 dari 7 Remaja Malaysia **GINET** KETAGIHAN INTERNET



Public Health Malaysia



REMAJA CINA
merupakan golongan tertinggi yang ketagih kepada internet

Majoriti Menggunakan Telefon Pintar

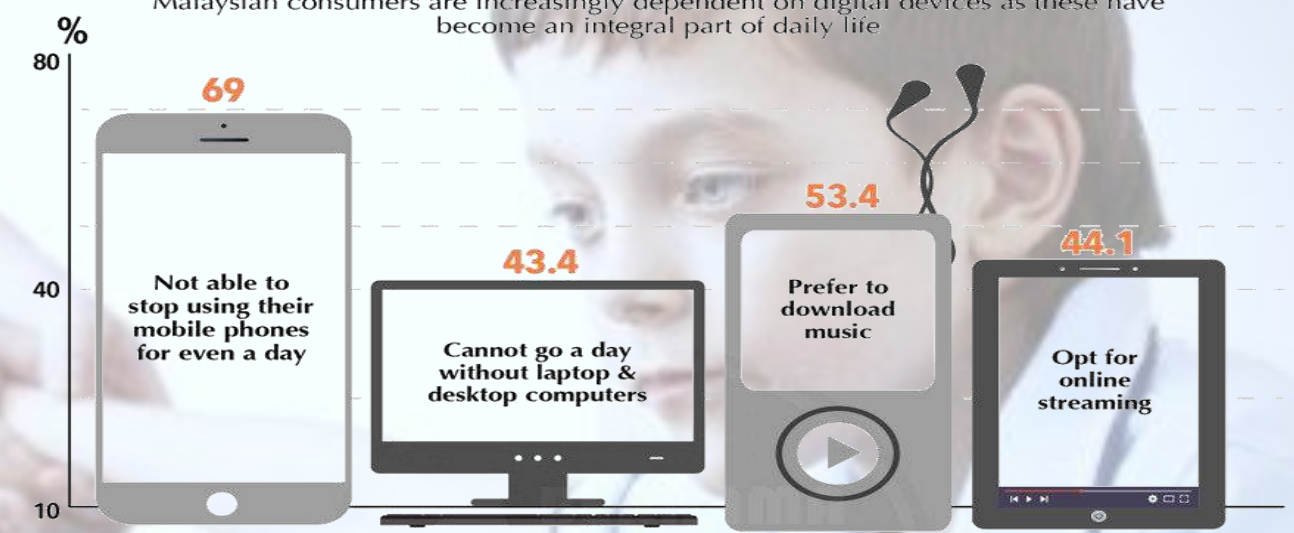


- Kesan penggunaan internet berlebihan kepada remaja**
- Faktor keselamatan remaja dan data
 - Terdedah kepada persekitaran Cyberbully
 - Risiko mengunjungi laman porno
 - Bermain permainan video secara berlebihan
 - Risiko berbelanja berlebihan secara online

Sumber : Adolescent Health Survey, NHMS 2017

MALAYSIAN DIGITAL LIFESTYLE

Malaysian consumers are increasingly dependent on digital devices as these have become an integral part of daily life



Malaysians are the least likely to pay for digital content alongside Singapore



Music is also the most commonly accessed online content in Malaysia, followed by movies/TV shows and apps



53.4%
Opt to download video games



74.7%
Prefer digital books

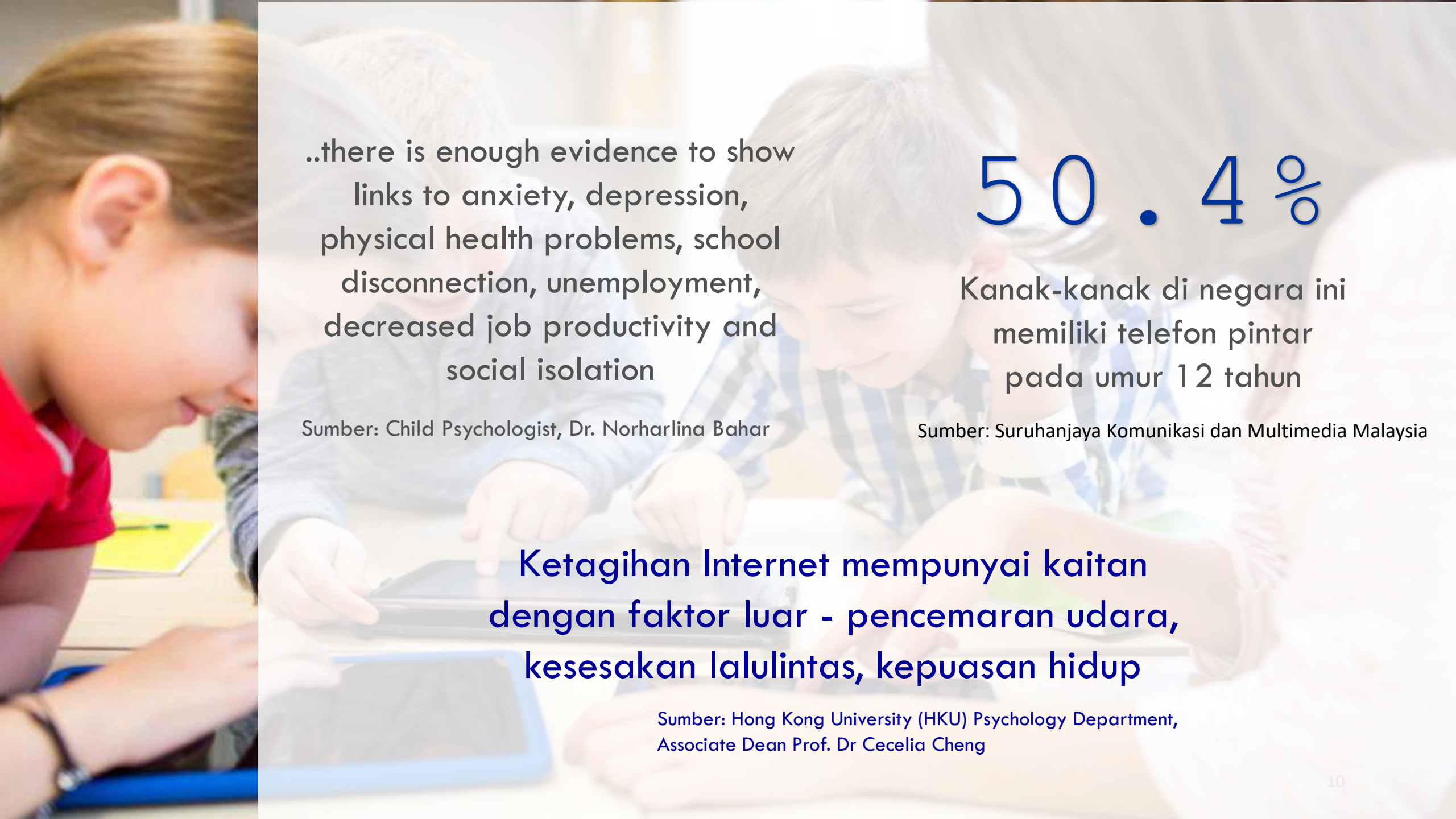


43.5%
Prefer playing online games



25.4%
Opt for physical copies

The State of Digital Lifestyles Report is based on responses from 5,000 consumers in France, Germany, India, Italy, Japan, Malaysia, Singapore, South Korea, the United Kingdom, and the United States aged 18 and above who had downloaded software or streamed online videos or music in June 2018

The background of the slide features a blurred image of several children sitting at a table, focused on using tablets. The image is semi-transparent, allowing the text to be overlaid clearly.

..there is enough evidence to show
links to anxiety, depression,
physical health problems, school
disconnection, unemployment,
decreased job productivity and
social isolation

Sumber: Child Psychologist, Dr. Norharlina Bahar

50.4%

Kanak-kanak di negara ini
memiliki telefon pintar
pada umur 12 tahun

Sumber: Suruhanjaya Komunikasi dan Multimedia Malaysia

**Ketagihan Internet mempunyai kaitan
dengan faktor luar - pencemaran udara,
kesesakan lalulintas, kepuasan hidup**

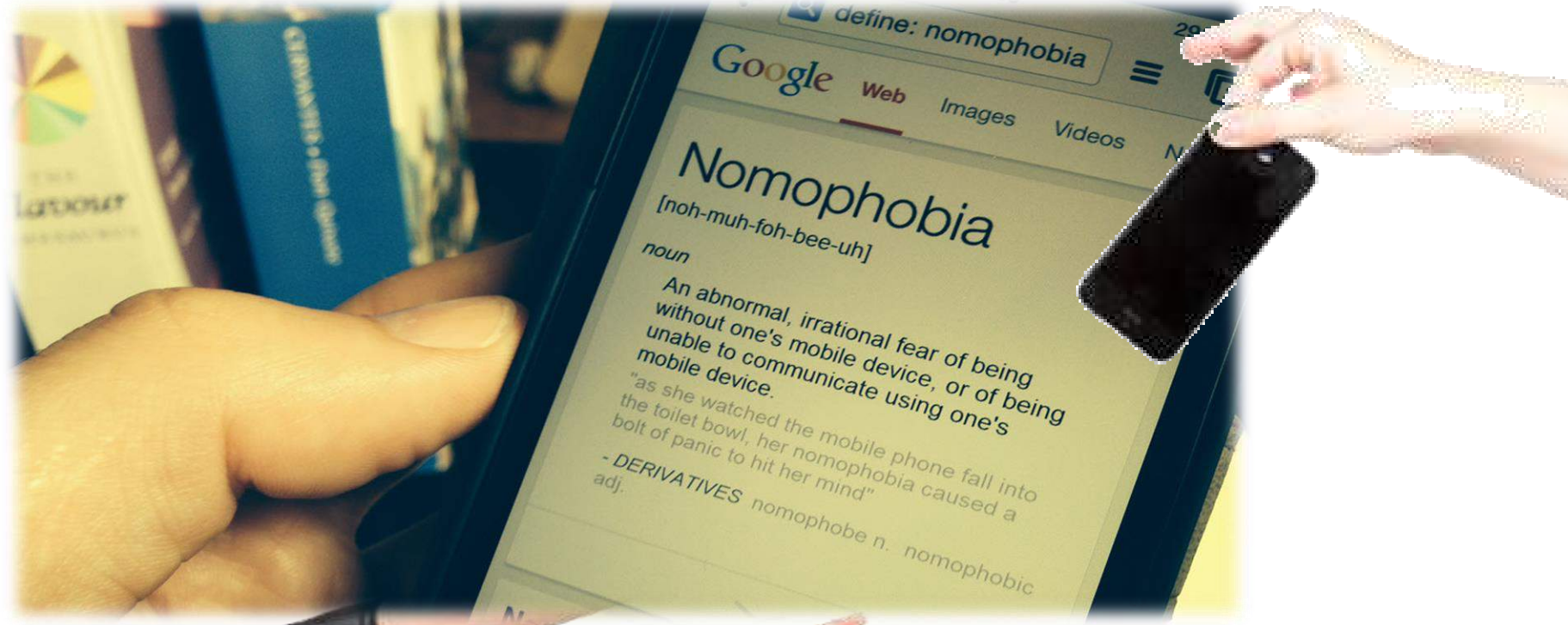
Sumber: Hong Kong University (HKU) Psychology Department,
Associate Dean Prof. Dr Cecelia Cheng

SCREEN ADDICTION

“2 year old in Malaysia spends **6** hours on screen everyday & **95%** engage two screens at the same time (tv at all times).”

Sumber: Perak Clinical Research Centre 2015 Study, NST 26 Ogos 2018









KESELAMATAN & ANCAMAN SIBER

SERANGAN SIBER KE ATAS INFRASTRUKTUR KRITIKAL

- Grid Bekalan Elektrik
- Infrastruktur Internet
- Sistem Perbankan
- Perkhidmatan Penerbangan



KETIRISAN MAKLUMAT TERPERINGKAT

- Maklumat dicuri tanpa disedari
- Maklumat dicuri - terdedah
- Maklumat dicuri – aktiviti jenayah



JENAYAH SIBER

- Penipuan Dalam Talian
- *Phishing*
- *Intrusion*



KERENTANAN TEKNOLOGI (KEBERGANTUNGAN)

- Ketergantungan tinggi kepada Syarikat dan Teknologi – Capaian secara tidak sah kepada Sistem & Maklumat Kritikal



HACKTIVISM

- Bermotifkan isu politik, sosial dan kemanusiaan
- Dendam
- Perhatian



KANDUNGAN INTERNET YANG BERBAHAYA

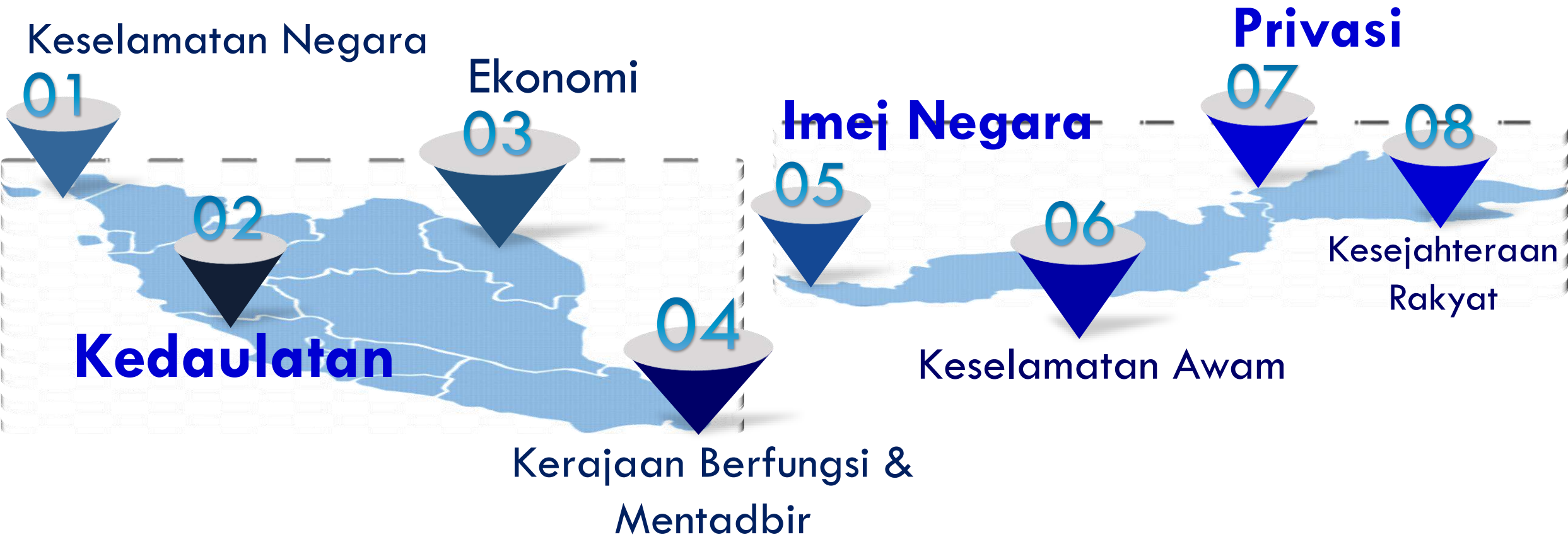
- Pornografi
- Penderaan Kanak-kanak
- Perjudian Dalam Talian
- Buli Siber



PENGUNAAN INTERNET OLEH PENGGANAS

- Ideologi
- Pengumpulan Dana
- Merekrut
- Operasi





IMPAK ANCAMAN SIBER



SERANGAN SIBER KE ATAS INFRASTRUKTUR KRITIKAL

20



SERANGAN RANSOMWARE
Wannacry Ransomware
(Mei 2017)



SERANGAN RANSOMWARE
NotPetya Ransomware
(Jun 2017)

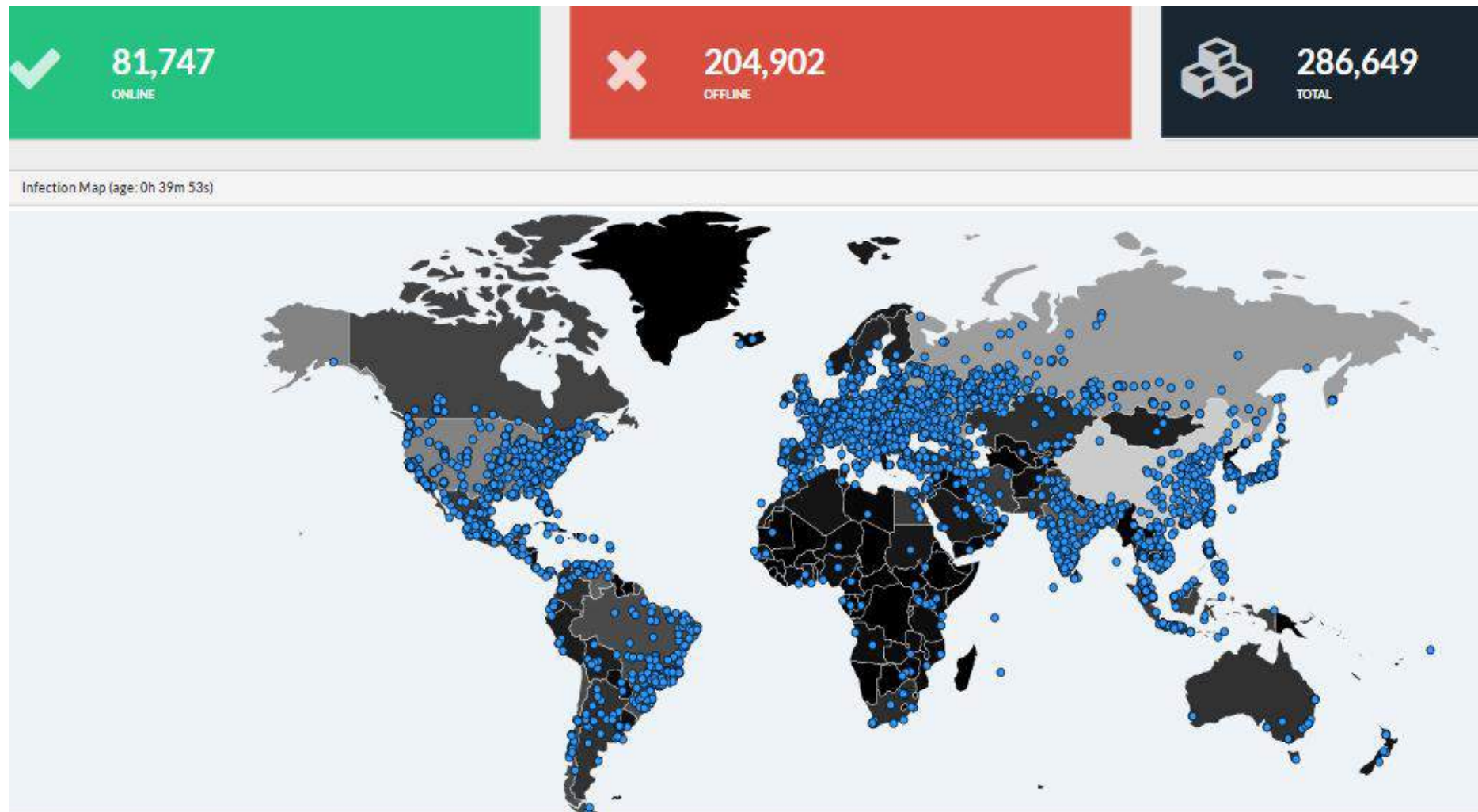
SERANGAN DDoS
Serangan ke atas Institusi
Pelaburan Saham Negara oleh
Armada Collective
(Julai 2017)

17

WANNACRY RANSOMWARE 2017

IMPAK GLOBAL DAN DI MALAYSIA

- Hampir 300,000 komputer dijangkiti di seluruh dunia – 120 IP telah dikesan di Malaysia.
- Sebilangan kecil telah membuat bayaran melalui Bitcoin.
- Walau bagaimanapun, hanya 2 insiden tidak melibatkan data kritikal telah dilaporkan kepada MKN.



Sumber : <https://intel.malwaretech.com/botnet/wcrypt/?t=24h&bid=all>

RANSOM NOTE

Wana Decrypt0r 2.0

Ooops, your files have been encrypted!English



Payment will be raised on
5/16/2017 00:47:55

Time Left
02:23:57:37

Your files will be lost on
5/20/2017 00:47:55

Time Left
06:23:57:37

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

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 from Monday to Friday.

**bitcoin**
ACCEPTED HERE

Send \$300 worth of bitcoin to this address:

12t9YDPgwueZ9NyMgw519p7AA8isjr6SMw

Copy

Check Payment

Decrypt



Serangan ke atas laman web Malaysia Airlines oleh Lizard Squad - Official Cyber Caliphate (Jan 2015) (Sony PlayStation and Xbox).



Serangan oleh kumpulan penggadam Indonesia ke atas laman-laman web Malaysia berikutan isu bendera Indonesia terbalik dalam Buku Aturcara Majlis Pembukaan Sukan SEA Ke-29 (Ogos 2017)

- Serangan secara web defacement.
- Tiga (3) laman web agensi Kerajaan dan 51 laman web syarikat kecil tempatan telah diceroboh.
- 77 maklumat kad kredit rakyat Malaysia telah didedahkan di Internet.



June 2010
STUXNET – Siemens Industrial Controllers



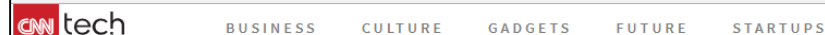
Malware Blamed for Outage at Middle East Natural Gas Producer

By Steve Ragan on August 31, 2012

Earlier this month, the world's largest oil production **attacked** by the Shamoon virus. On Monday, a second two main LNG (Liquid Natural Gas) production and well. Speculation has it that Shamoon is responsible. The early August attack is notable.

May 2012
FLAME

<https://money.cnn.com/2017/05/15/technology/ransomware-whos-been-hit/>



The world's biggest cyberattack has hit at least 150 countries and infected 300,000 machines since it started spreading last Friday.

The victims include hospitals, universities, manufacturers and government agencies in countries like Britain, China, Russia, Germany and Spain.

The list of institutions has grown as more become aware of hacks and as variants of the virus spread.

May 2017
WANNACRY

corporation [US] | <https://www.symantec.com/en/uk/outbreak/?id=stuxnet>

Duqu: The Precursor to the Next Stuxnet

September 2011
DUQU

On October 14, the next chapter of Stuxnet began with Duqu, a new threat who future Stuxnet-like attack.

Duqu Threat

On October 14, Symantec started analysis on a new threat called Duqu, which is an attack. Parts of Duqu are nearly identical to Stuxnet, but it has a completely different and assets like design documents that will give the attackers the insights they need from organizations such as industrial control facilities.

The Telegraph

Flame: world's most complex computer virus exposed

The world's most complex computer virus, possessing a range of complex espionage capabilities, including the ability to secretly record conversations, has been exposed.

FLAME: THE SPY MALWARE INFILTRATING COMPUTERS IN THE MIDDLE EAST

Number and location of Flame infections detected by Kaspersky Lab on customer machines

August 2012
SHAMOON – Schneider Triconex Industrial Controllers

**CYBER
 ATTACKS
 ON CII -
 GLOBAL**

ESTONIA CYBER ATTACKS 2007



3 Weeks

LOSES USD 1 Billion

2015

3 hours

LOSES RM2 Million



Cyber-attack on South Korea

- 20 March 2013
- 48,700 PCs, servers and kiosks at 3 banks and 3 TV stations were hacked
- Business was disrupted
 - Banking: ATM, banking operations, and online banking came to a halt.
 - TV/Media: media contents



LOSES USD 900 Million



RUSSIA BEYOND THE HEADLINES

Russia loses \$3.3 billion to cyber attacks

April 14, 2016 ANNA KUCHENKO
Cybercriminals are being
government agencies





KETIRISAN MAKLUMAT TERPERINGKAT

Serangan APT untuk
mendapatkan maklumat
beberapa agensi
Kerajaan (Feb-Mei 2018)



Data 46 juta pengguna Malaysia
terdedah menerusi forum dalam
talian dan laman berita *lowyat.net*.
Data melibatkan pengguna syarikat
telekomunikasi, Persatuan Perubatan
Malaysia, *jobstreet.my*. (Dis 2017)



Serangan *spear phishing*
berkenaan isu MH370
(Feb-Mei 2018)



Kebocoran maklumat perubatan
dalam agensi kerajaan serta
syarikat berkaitan kerajaan (GLC)
(Julai 2018)

Data peribadi 220,000
penderma organ dan data
peribadi waris menjadikan jumlah
keseluruhan 440,000 melalui
laman *lowyat.net*. (Jan 2018)

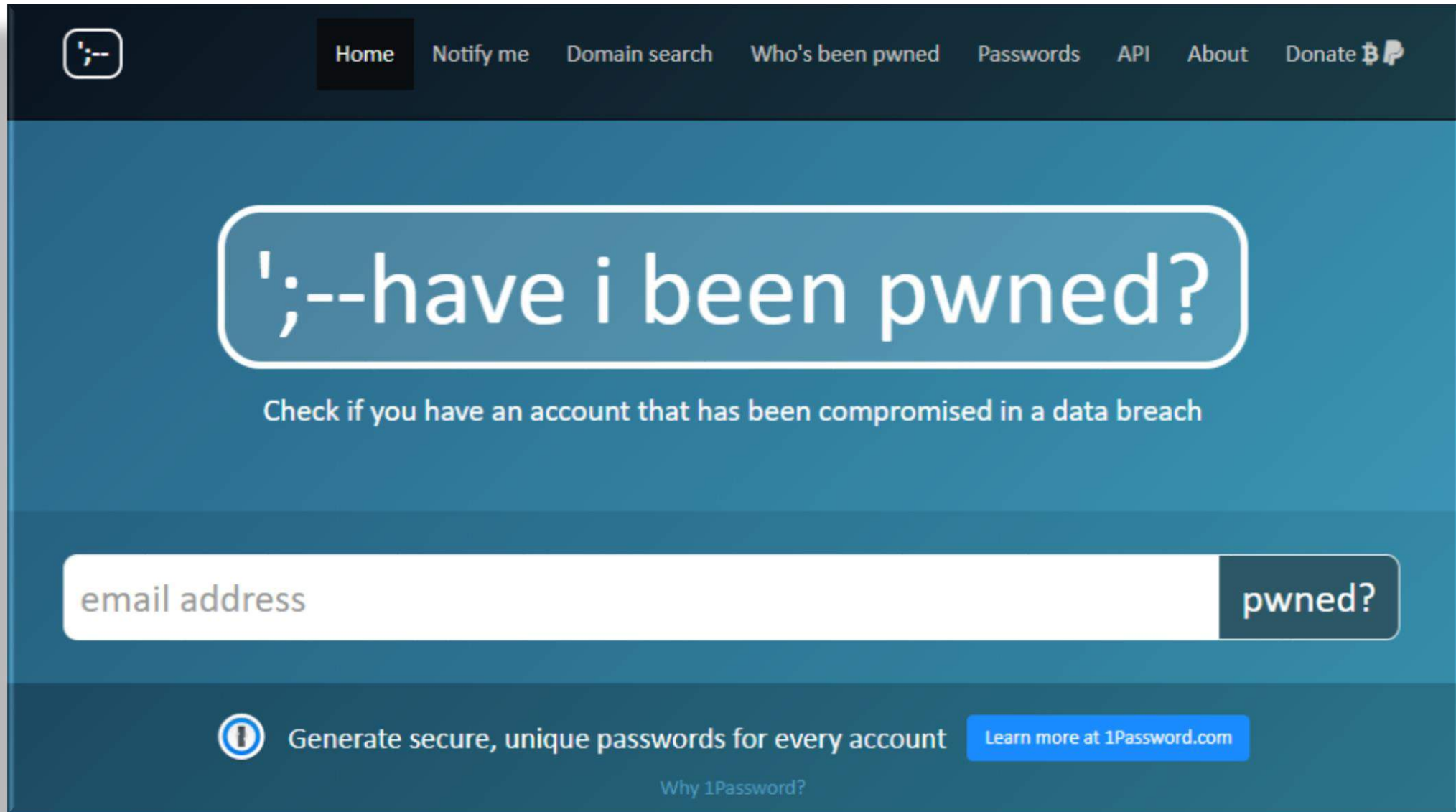




Ali Hamsa @DrAliHamsa · Jul 27

Pegawai forensik @SKMM_MCMC memulakan siasatan terhadap kes kebocoran dokumen-dokumen rahsia kerajaan baru-baru ini.

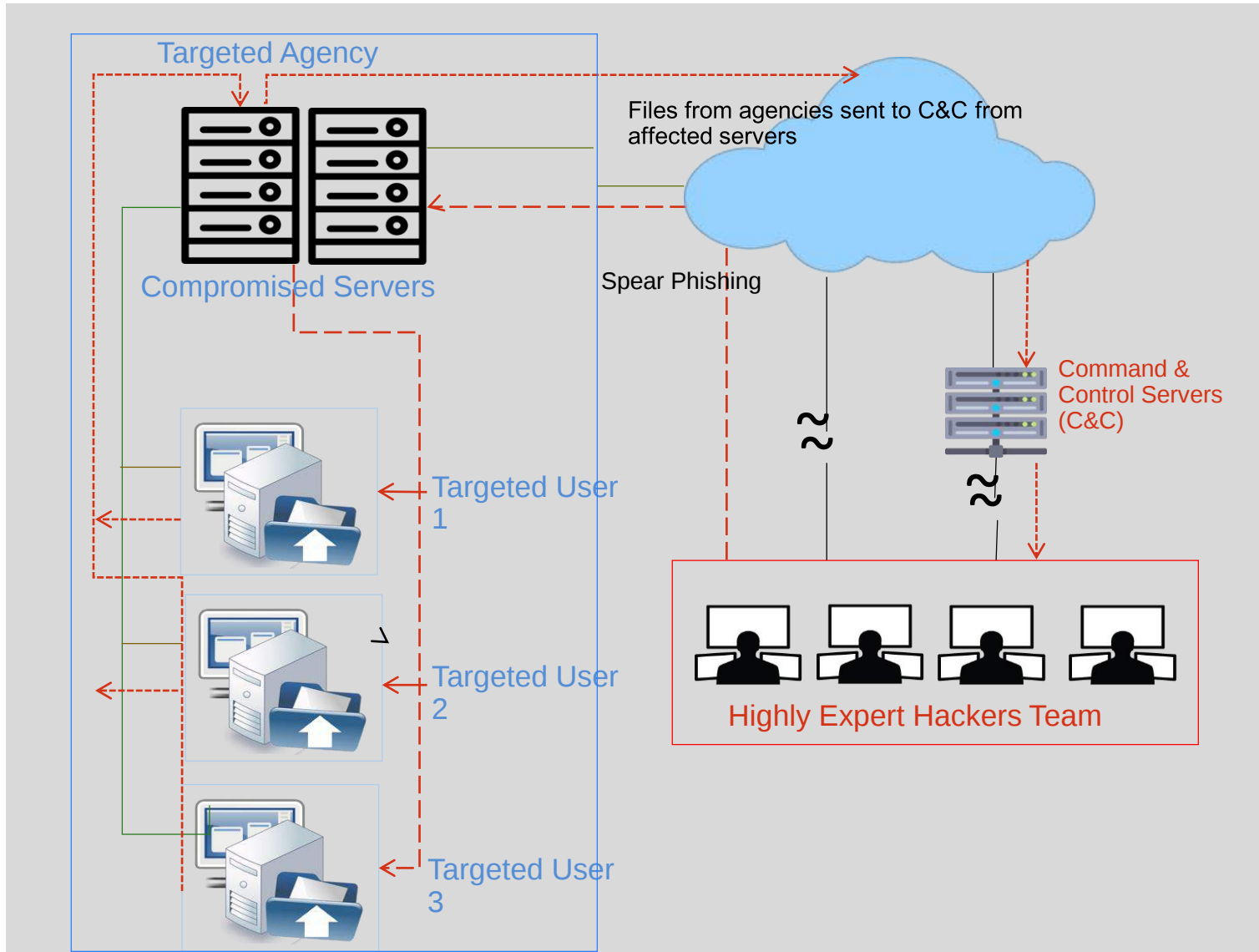
Selain laporan polis, semua KSU dan Ketua Perkhidmatan telah diarah memastikan dokumen terperingkat kerajaan tidak dikompromi.



<https://haveibeenpwned.com/>

APT AGAINST TARGETED AGENCIES

EMAIL COPIES ARE SENT TO UNAUTHORIZED PARTIES – INFORMATION LEAKAGE



208 agensi-agensi Kerajaan melibatkan 311,532 pengguna

Terdapat 737 e-mel dikepilkan dengan perisian berbahaya

796 pautan URL berbahaya.



Portal Rasmi

KEMENTERIAN PENDIDIKAN MALAYSIA

www.moe.gov.my



Portal Rasmi

KEMENTERIAN PENDIDIKAN MALAYSIA

www.moe.gov.my

**Kebocoran 10.5 juta data pengguna Kementerian
Pendidikan Malaysia
(450,000 data guru)**

[Creating an Account](#)[Friending](#)[Your Home Page](#)[Messaging](#)[Photos](#)[Videos](#)[Pages](#)[Groups](#)[Events](#)[Payments](#)[Marketplace](#)[Apps](#)[Facebook Mobile and Desktop](#)[Apps](#)[Accessibility](#)

An important update about Facebook's recent security incident

[Share Article](#)

You can visit this page again by searching for "**security incident**" in the [Help Center](#), or by bookmarking <https://www.facebook.com/help/securitynotice>

We [previously announced](#) a security incident on Facebook and want to provide an update on our investigation. We have now determined that attackers used access tokens to gain unauthorized access to account information from approximately 30 million Facebook accounts. We're very sorry this happened. Your privacy is incredibly important to us, and we want to update you on what we've learned from our ongoing investigation, including which Facebook accounts are impacted, what information was accessed and what Facebook users can do about this.

What is the status of Facebook's investigation and what was learned?

What is the status of Facebook's investigation and what was learned?

<https://www.facebook.com/help/securitynotice>

JENAYAH SIBER



STATISTIK

JUMLAH KES

2015

8,762 kes

2016

11,012 kes

2017

13,636 kes

RM184,156,177.00

2018

8,313 kes

RM299,557,862.00
(Setakat 3 Okt 2018)

TREND TERKINI JENAYAH SIBER DI MALAYSIA



Sumber: Polis DiRaja Malaysia

Semak Akaun Yang Ada Repot

Sistem Ini Masih Dalam Tempoh Percubaan.

Jumlah Carian Telah Dibuat: 401,611 Carian

Masukkan No Akaun Bank : (Rapat)

Captcha  : (Masukkan Maklumat Captcha)

PENAFIAN

Kerajaan Malaysia dan PDRM tidak bertanggungjawab di atas kehilangan atau kerosakan disebabkan penggunaan mana-mana maklumat yang diperolehi daripada laman web ini.



Copyright Registration
LY2017001987 21 JUN 2017



HACKTIVISM



ANONYMOUS ATTACK - 2011

1. Dikesan pada 13 Jun 2011 melalui kenyataan web dan video kumpulan Anonymous. Rancangan untuk menyerang Malaysia melalui “**Operation Malaysia**”.
2. Serangan bermula pada 14 – 20 Jun 2011.
3. Ancaman ini adalah berikutan daripada tindakan SKMM yang menyekat akses ke 10 laman perkongsian fail pada 31 Jun 2011 yang dianggap sebagai melanggar hak asasi manusia dan kebebasan menggunakan internet.
4. Kebanyakan serangan ini dipercayai dilakukan oleh kumpulan penggadam-penggadam tempatan iaitu *DragonForce* dan *RileksCrew* serta penggadam-penggadam amatur lain.
5. 94 laman web telah diserang melibatkan 18 agensi kritikal. Daripada jumlah ini juga, 28 adalah laman web agensi Kerajaan.



**OPS MALAYSIA BY
ANONYMOUS HACKERS**

2013

1. #OpsFitnah.
2. Serangan dilancarkan atas motif bahawa mereka telah dipergunakan oleh kerajaan susulan daripada isu penyebaran surat palsu berkaitan pengemaskinian maklumat pangkalan data Jabatan Akauntan Negara Malaysia (JANM) yang mengakibatkan sebilangan penjawat awam kehilangan wang gaji dari akaun simpanan.
3. Laman web yang telah dicerobohi melibatkan 4 laman web kerajaan, 4 laman web kolej swasta dan 19 laman web syarikat swasta.
4. Mempunyai agenda tertentu pada 20 Oktober 2013.
5. Tiada insiden pada tarikh tersebut.

2015

1. Dikesan melalui video mengancam untuk melakukan serangan siber pada 29 hingga 30 Ogos 2015 ke atas laman-laman web di Malaysia.
2. Sasaran utama kumpulan penggoda adalah www.1mdb.com.my, www.najibrazak.com, www.sprm.gov.my dan www.rmp.gov.my.
3. Ancaman bermotif politik kerana menggesa YAB Dato' Sri Mohd Najib bin Tun Abdul Razak untuk meletakkan jawatan dalam tempoh 48 jam selepas serangan pertama.
4. Menyatakan sokongan terhadap Bersih 4.0.
5. Ancaman untuk melancarkan serangan ke atas 150 laman web Kerajaan yang lain.
6. Serangan gagal dan dapat dipulihkan dalam tempoh yang singkat.

KANDUNGAN INTERNET

Yang Menjejaskan Identiti &
Nilai Moral Masyarakat





19% kanak-kanak melayari pornografi



7% kanak-kanak mula melayari pornografi sebelum umur 8 tahun (ada bermula 5 tahun)



63% melayari melalui telefon pintar (Ogos 2018)

Sumber: Kajian Heriot Watt University & Suruhanjaya Komunikasi dan Multimedia Malaysia



Malaysia mencatatkan bacaan alamat IP tertinggi di Asia Tenggara dalam memuat naik dan memuat turun gambar serta visual pornografi kanak-kanak.

(PDRM, Jan 18)

Data menunjukkan hampir 20,000 alamat IP di Malaysia memuat naik dan memuat turun gambar serta visual.



**Sensitiviti
Perkauman**



**Institusi
Raja di
Malaysia**



**Fitnah &
Berita Palsu**

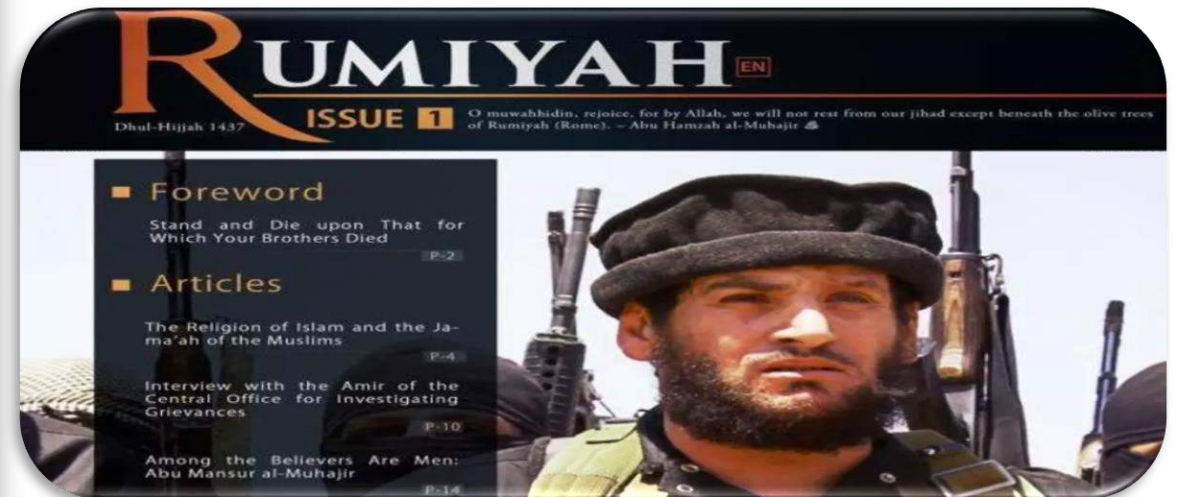
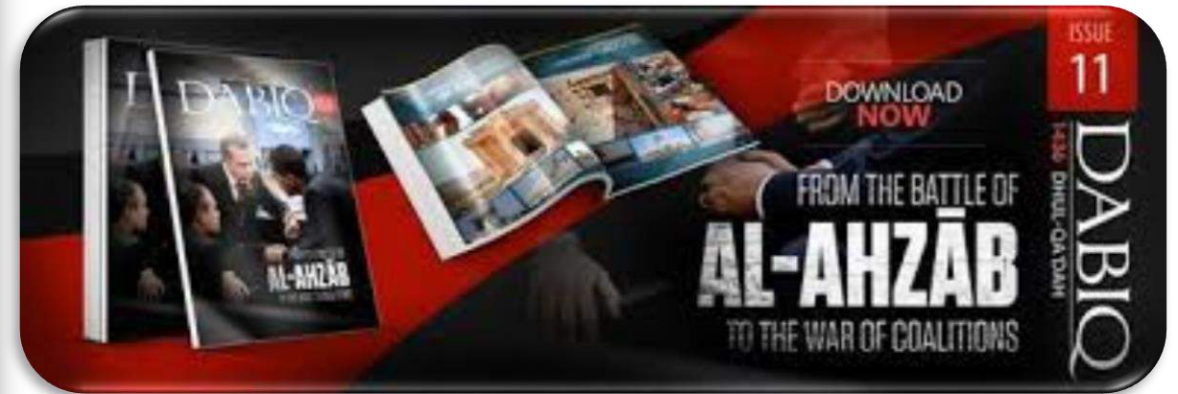
SEBENARNYA.MY

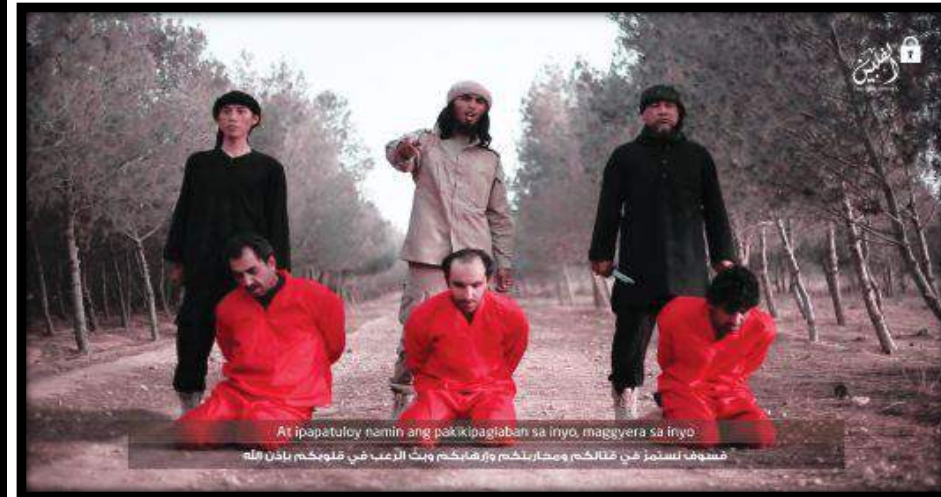
Tidak Pasti Jangan Kongsi



PENGUNAAN INTERNET OLEH PENGUNAS

1. Al Qaeda, Islamic States/Daesh, Boko Haram.
2. Majalah atas talian dalam pelbagai bahasa – Dabiq, Dar al-Islam, Rumiya, al-Fatihin (Bahasa Indonesia-mensasarkan rantau Asia Tenggara, Katibah Nusantara)
3. Blog Birds of Jannah – kehidupan seorang isteri pejuang IS.
4. Penggunaan aplikasi media sosial – komunikasi, memberi pengarahan, berbai'ah, merancang aktiviti,





KESEDARAN KESELAMATAN SIBER SEKTOR AWAM



OBJEKTIF



Meningkatkan tahap kesedaran penjawat awam mengenai keselamatan siber.



Membudayakan pengendalian maklumat digital Kerajaan secara teratur dan selamat.



Memberi **kesedaran** kepada penjawat awam mengenai **implikasi kecuaian** pengendalian maklumat digital Kerajaan.

A person's legs and feet are visible in the upper left corner, walking on a sandy beach. The sand is light brown and shows several footprints leading away from the person. The ocean waves are visible on the right side, with white foam washing onto the shore. The sky is a pale blue.

10 LANGKAH MUDAH KESEDARAN KESELAMATAN SIBER

1

GUNAKAN KATA LALUAN





A password is like a toothbrush



Choose a
good one

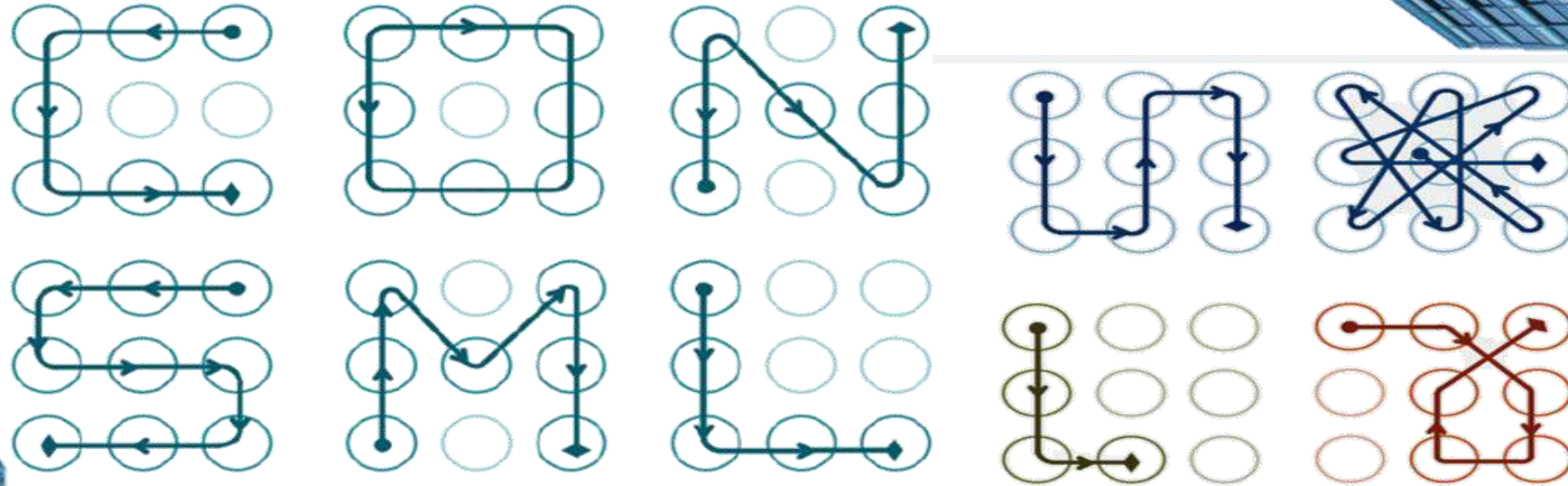
Don't share it
with anyone

Change it
occasionally

New data uncovers the surprising predictability of Android lock patterns

Like "p@\$\$w0rd" and "1234567" many Android patterns are easy to guess.

DAN GOODIN - 8/20/2015, 6:15 PM



Marte Løge, a 2015 graduate of the **Norwegian University of Science and Technology**, recently collected and analyzed almost 4,000 ALPs as part of her master's thesis. She found that a large percentage of them—44 percent—started in the top left-most node of the screen. A full 77 percent of them started in one of the four corners. The average number of nodes was about five, meaning there were fewer than 9,000 possible pattern combinations. A significant percentage of patterns had just four nodes, shrinking the pool of available combinations to 1,624. More often than not, patterns moved from left to right and top to bottom, another factor that makes guessing easier.

Sumber: <https://arstechnica.com/information-technology/2015/08/new-data-uncovers-the-surprising-predictability-of-android-lock-patterns/>





2 KEMASKINI PERISIAN KESELAMATAN

Anti virus
Anti spyware
Perisian tulen
**Perisian tidak
tamat tempoh**



3

SIMPAN DAN LINDUNGI MAKLUMAT



Elakkan daripada memuat naik dokumen rasmi Kerajaan dalam *public cloud*.



Sentiasa sediakan salinan pendua (back up) maklumat digital secara berkala.



Elakkan daripada meninggalkan komputer dan gajet tanpa sebarang pengawasan.



Putuskan sambungan Internet atau wi-fi sekiranya tidak menggunakannya lagi.



Pastikan meja kerja dikemas dan semua maklumat rasmi (termasuk yang berada di dalam peranti storan) disimpan di tempat yang selamat dan berkunci.



Sentiasa imbas
peranti storan
sebelum
menggunakannya

4 ELAK TERPEDAYA



Elakkan daripada terus mempercayai kandungan laman web, blog dan emel yang diragui atau daripada orang yang tidak dikenali.

Semak dan rujuk kepada sumber-sumber yang sah.



Elak guna emel dan kata laluan peribadi pada akaun media sosial

Sentiasa *log out* akaun media sosial

Elak kongsi maklumat peribadi & rasmi di media sosial

Elak muat turun aplikasi yang diragui

Elak guna media sosial sewaktu pejabat

5

SOSIAL

INTERNET & MEDIA

MENGGUNAKAN

BERETIKA

Tidak mendedahkan maklumat rasmi

Elak komen berbentuk serangan peribadi

Elak langgar hak cipta atau harta intelek

Elak guna wi-fi umum untuk kerja rasmi

Kenal pasti rakan media sosial anda



6 WASPADA JENAYAH SIBER

Jangan benarkan individu lain menggunakan identiti dan kata laluan akaun emel dan media sosial anda.

Elak layari laman web dan blog lucah, fitnah, hasutan, skim cepat kaya & ideologi keganasan.

Elak sebar kandungan lucah, fitnah, hasutan, skim cepat kaya & ideologi keganasan.

Jangan mudah terpedaya dengan tawaran atau maklumat daripada individu yang tidak dikenali melalui emel atau media sosial.

7 FIKIR SEBELUM KLIK

Jangan klik pada e-mel, pautan atau lampiran yang mencurigakan (termasuk dari orang yang tidak dikenali). Padamkan e-mel tersebut.



TABAYYUN

LAPORKAN



- ✓ Laporkan sebarang insiden kebocoran maklumat kepada pihak berkaitan.
- ✓ Laporkan dengan segera kehilangan sebarang aset ICT kerajaan (seperti peranti storan, komputer riba, komputer).
- ✓ Laporkan e-mel atau pautan yang mencurigakan atau dari orang yang tidak dikenali kepada Bahagian Teknologi Maklumat.
- ✓ Laporkan kepada pihak berkuasa sekiranya berlaku sebarang insiden jenayah siber seperti penipuan Internet.

SE

91% of cyberattacks start through email.

ATTACK TYPES

SERVICE TYPE

- ☐ smtp
- ☐ telnet
- ☐ rfb
- ☐ http-alt
- ☐ ms-wbt-server
- ☐ microsoft-ds
- ☐ netis-router
- ☐ xsan-filesystem
- ☐ ntp
- ☐ ms-sql-s

ATTACK TARGETS

#	COUNTRY
646	United States
252	United Arab Emira...
22	France
16	Norway
16	Spain
8	Philippines
8	Belgium
7	Saudi Arabia
6	Thailand
6	Hong Kong

LIVE ATTACKS

TIMESTAMP	ATTACKER	ATTACKER IP	ATTACKER GEO	TARGET GEO	ATTACK TYPE	PORT
09:48:35.324	Net For Ankas	46.161.40.120	Luhansk, UA	Roseville, US	ms-wbt-server	3389
09:48:35.132	Tov Lambda Net	193.254.220.229	Kiev, UA	De Kalb Juncti...	radmink-port	4899
09:48:34.691	Microsoft Corporation	157.56.111.248	Redmond, US	De Kalb Juncti...	smtp	25
09:48:34.313	Planning Commission Ministry Of Planning G...	123.49.44.15	Dhaka, BD	Limassol, CY	unify	181
09:48:34.185	Net For Ankas	46.161.40.120	Luhansk, UA	Roseville, US	ms-wbt-server	3389
09:48:33.717	Bodlcomputer Co. Ltd.	202.170.80.40	Ulaanbaatar, ...	Roseville, US	ssh	22
09:48:33.426	Chinanet Hubel Province Network	116.211.0.90	Wuhan, CN	Dubai, AE	http-alt	8080
09:48:33.306	This Ip Network is Used For Internet Security ...	185.35.62.96	Geneve, CH	Dubai, AE	ntp	123
09:48:32.861	Microsoft Corporation	157.56.110.252	Redmond, US	De Kalb Juncti...	smtp	25
09:48:32.637	Microsoft Corporation	65.55.169.248	Washington, US	De Kalb Juncti...	smtp	25

HOME

EXPLORE

WHY NORSE?

9 AMBIL TAHU



Peka dengan trend ancaman siber terkini.

01



Peka, fahami dan waspada mengenai kesan-kesan negatif akibat penyalahgunaan internet.

02

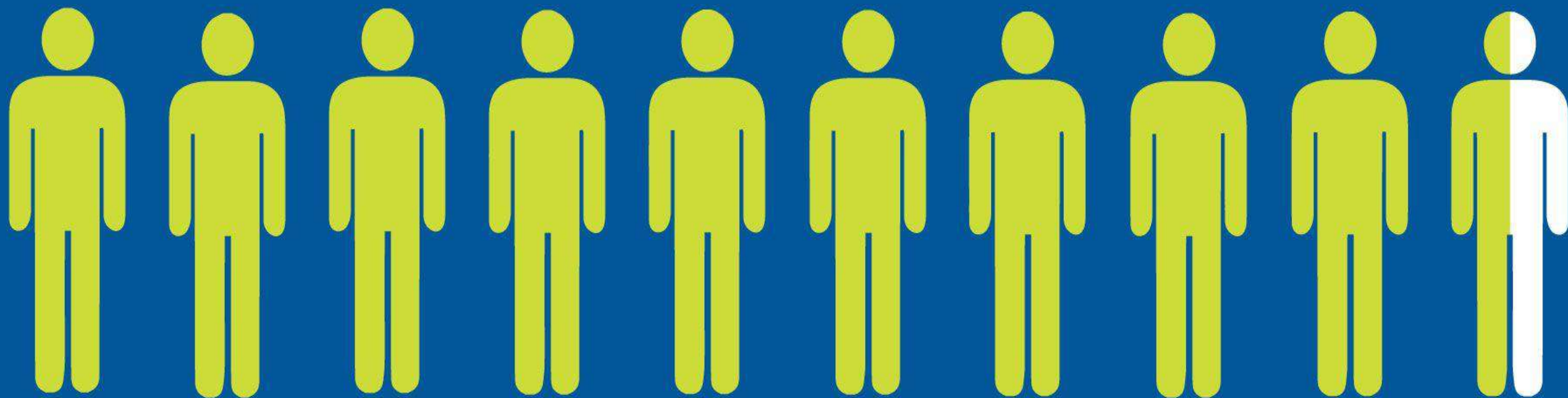
10 PATUHI

Ketahui dan patuhi polisi, arahan, peraturan, garis panduan dan pekeling berkaitan keselamatan siber yang dikeluarkan oleh agensi/organisasi anda dan Kerajaan.

95%

of all successful cyber attacks
is caused by human error

Source: IBM Cyber Security Intelligence Index



★ DATA ★
SECURITY

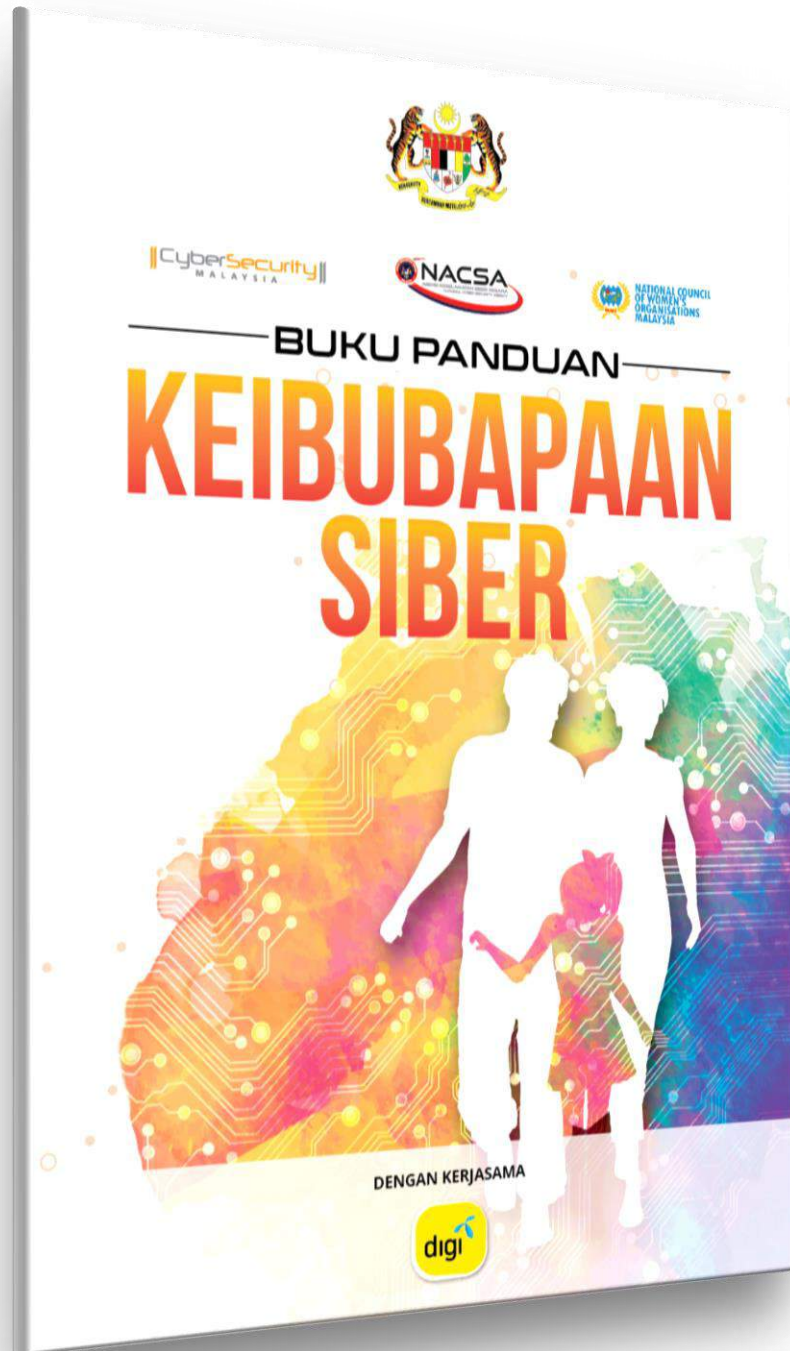
IN THIS CORNER, WE HAVE
FIREWALLS, ENCRYPTION,
ANTIVIRUS SOFTWARE, ETC.
AND IN THIS CORNER,
WE HAVE DAVE!!

HUMAN
ERROR



S O A L J A W A B





❑ Boleh dimuat turun di www.cybersafe.my



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TERIMA KASIH



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