OVERVIEW OF MALAYSIA’S CYBER SECURITY LANDSCAPE
Cyber999™
Cyber Early Warning Services

- Incident Handling
- Cyber Early Warning
- Technical Coordination Centre
- Cyber Threat Research Center

Email us at: cyber999@cybersecurity.my

REFERENCE CENTRE FOR CYBER SECURITY ASSISTANCE
- for all internet users, including home users and organizations
Reported Incidents

Top 3 incidents:
1. Fraud
2. Intrusion
3. Cyber Harassment

Total Incidents - 6512

January
- Malicious Codes - 232
- Fraud - 4,906
- Spam - 81

February
- Intrusion Attempt - 45

March
- Cyber Harassment - 329
- Content Related - 127

April
- Denial of Service - 12
- Intrusion - 730

May

June
- Vulnerabilities Report - 50

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Threats During Movement Control Order (MCO)

• Throughout the Movement Restriction Order (MCO), MyCERT observed an increase in various cyber security attacks capitalizing the COVID 19 Pandemic.

• The threats that are using COVID 19 as theme uncovered during the MCO period are:
  – COVID 19 Phishing emails/websites
  – COVID 19 Scam Domains
  – COVID 19 based malware
  – COVID 19 Android Malware
  – COVID 19 Vulnerable Sectors and Infrastructures (Health Sector)
Alerts & Advisories

- Alerts and Advisories produced during MCO
  - MA-779.032020: MyCERT Advisory - COVID-19 Cyber Scams and Campaigns
  - MA-781.032020: MyCERT Alert - Vulnerability in Adobe Type Manager Library
  - MA-782.042020: MyCERT Advisory - Online Video Tele-conferencing (VTC) Application Security Guidelines
  - MA-783.042020: MyCERT Alert - Vulnerabilities in Mozilla Firefox & Firefox ESR
  - MA-785.042020: MyCERT Alert - Bogus Scam Email
  - MA-786.042020: MyCERT Advisory - Microsoft Releases April 2020 Security Updates
  - MA-789.062020: MyCERT Advisory - StayAtHome malicious APK campaign
  - MA-790.072020: MyCERT Alert - SMSSpy using Malaysian Law Enforcement as theme
Challenges and Predictions

- Threats Driven by Covid-19
- Economic Recovery Plan
- Adjusting To The New Normal
Threat Driven by Covid-19

INCREASING SCAMS AMID THE COVID-19 PANDEMIC

Cyber Espionage

DATA BREACH
Potential key areas to be exploited/ manipulated in cyber campaign

Economic Recovery Plan

3 Core Objectives
- Empower people
- Propel businesses
- Stimulate the economy

Pelan Jana Semula Ekonomi Negara

35b
40 initiatives

Assistance to People
- 3k tax rebates to parents for child expenses such as child care
- 30 travel pass
- 300 OKU one-off payment (JKMM)
- 50m medical coverage for B40 group (PFKA)
- 50 e-wallet for cashless payments
- 1GB free internet daily 8am-6pm (until Dec 31, 2020)

Home ownership campaign & stamp duty waiver for property 300k - 2.5m

RPGT waiver for 3 properties per individual (until Dec 31, 2021)

70% loan cap removal for 3rd property loans above 600k

Auto waiver sales tax 100% for domestic & 50% for imported cars

1k travel individual tax exemption

Tourism tax exempted for domestic accommodation (Sep 1 until Jun 30, 2021)
Adjusting to New Normal

CyberSAFE™ TIPS WORKING FROM HOME
Be Safe, Be Healthy, CyberSAFE™ yourself with:

DOCUMENT
Do not under any circumstances use free or third-party applications to send official documents.

BEWARE
Be vigilant with cyber threats.

TIME
Choose the most productive time to do your work.

Wi-Fi
Do not use public internet Wi-Fi. Always connect through your home or mobile network or using Virtual Private Network (VPN).

BACK UP
Always back up your data especially when working remotely.

PASSWORD
Ensure all system passwords are updated, validated and secured.

SCHEDULE
Always manage your work schedule.

REPORT
Lodge a report to your respective office IT Department or cyber999 service if you encounter any cybercriminal activities.

STAY HOME
WASH YOUR HANDS REGULARLY
1 METRE DISTANCE

Covid-19
Be Smart. Be Safe
CyberSAFE
Cyber Security Awareness For Everyone
www.cybersafe.my
Way Forward

• As cyber attacks become more sophisticated, organization should evaluate and enhance their security defenses
• Multi-layered security solutions should be implemented in the organization
• Implementation of security awareness and risk management exercise should be conducted
• Collaboration with local & International organization to address cyber threat issues.
Thank you

Corporate Office
CyberSecurity Malaysia
Level 7, Tower 1
Menara Cyber Axis
Jalan Impact
63000 Cyberjaya
Selangor Darul Ehsan
Malaysia.

T : +603 8800 7999
F : +603 8008 7000
H : +61 300 88 2999

www.cybersecurity.my
info@cybersecurity.my

www.facebook.com/CyberSecurityMalaysia
twitter.com/cybersecuritymy
www.youtube.com/cybersecuritymy
CyberSecurity Malaysia
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