KEMENTERIAN SAINS, TEKNOLOGI DAN INOVASI
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION

CyberSecurity MALAYSIA
An agency under MOSTI

# MEDIA STATEMENT

**21 August 2017**

## ATTACKS ON MALAYSIAN WEBSITES AND INTERNET SERVICES

CyberSecurity Malaysia, the national cyber security specialist and technical agency has been receiving several incidents targeting Malaysian websites, confidential information leaks and possible Distributed Denial of Services (DDOS) attacks.

The incident is real and we are doing the investigation, monitoring and working closely with other agencies to mitigate this incident.

As of today, 21 August 2017 (3.40pm), a total of 33 Malaysian sites have been defaced.

For preventive measure, we have released an alert to advise System Administrators to take necessary steps to secure their systems against unwanted incidents as well from other security threats.

Some advises are as follows:

1. Organizations are recommended to apply defense in depth strategy to protect their networks. Make sure systems, applications and third party add-ons are updated with latest upgrades and security patches.

2. If you're running on older versions of operating systems or software, kindly ensure that they are upgraded to the latest versions - older versions may have some vulnerability that can be manipulated by intruders.

3. Please make sure that your web based applications and network based appliances are patched accordingly.

    - You may refer to your respective vendors' websites for the latest patches, service packs and upgrades.
    - You may also refer to CyberSecurity Malaysia website under MyCERT for information on the latest patches, service packs and upgrades by referring to our latest advisories at: https://www.mycert.org.my/en/services/advisories/mycert/2017/main/index.html

4. If you do not prepare for a DDoS incident in advance, contact your ISP to understand the DDoS mitigation it offers and what process you should follow.



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5. Harden the configuration of network, OS, and application components that may be targeted by DDoS. Whitelisting and blacklisting IP address during DDOS is very useful to mitigate the attack to certain extend.

6. Make sure anti-virus software that are running on hosts and email gateways are updated with the latest signature files and are enabled to scan all files.

7. Make sure that your systems are configured properly in order to avoid incidents such as information disclosure, directory listing that are caused by system misconfiguration.

8. Make sure loggings of systems and servers are always enabled. System Administrators are advised to read and monitor the logs on daily basis.

9. Perform regular backups of all critical information to limit the impact of data or system loss and to help expedite the recovery process. Ideally, the backup must be done daily, on a separate media and stored offline at an alternate site.

10. Organizations are recommended to regularly conduct vulnerability assessment and penetration testing on their systems.

11. Report security incidents to relevant authorities or to CERTs/CSIRTs in your constituency for immediate remediation and mitigations.

CyberSecurity Malaysia had released several Alerts and Advisories on current threats and vulnerabilities. System Administrators and Internet users must be aware of these threats and vulnerabilities by applying necessary patches and updates. The Alerts and Advisories are available at: https://www.mycert.org.my/en/services/advisories/mycert/2017/main/index.html

To report incidents at Cyber999, please use these channels:

- E-mail : cyber999@cybersecurity.my or mycert@mycert.org.my
- Phone : 1-300-88-2999
- Fax : +603 89453442
- Mobile : +6019 2665850 (24x7 call incident reporting)
- SMS : Cyber999 report email complaint to 15888

Kindly quote YBhg. Dato' Dr. Haji Amirudin Abdul Wahab, Chief Executive Office of CyberSecurity Malaysia.

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