

GOVERNMENT OF PAKISTAN
CABINET SECRETARIAT, CABINET DIVISION
NATIONAL TELECOM & INFORMATION TECHNOLOGY SECURITY BOARD
(NTISB)

No. 1-5/2003 (NTISB-II)

Islamabad 16 Dec, 2020

17 DEC 2020

M(A)

Subject: **Advisory - Prevention Against Cyber Espionage (Advisory No. 27)**

M(I.T)

1. Recently, a malware has been reported through **spoofed email** that has targeted M/s **CyberNet**, Pakistan. M(Kalware) is being propagated through a crafted word document / file that looks like a ligitly file with subject "**Bank Slip**". Downloading / clicking on malicious document executes a malware in background that eventually compromises victim's machine.

A.S (Rev. Div.)

2. **Summary of Malicious Email**

- a. **Email Subject.** Bank Transfer confirmation
- b. **Downloaded File.** Bank Slip.docx
- c. **MD5 Hash.** 7b471ef2a080580a5df21c864ce20391
- d. **Vulnerability ID.** CVE-2017-11882 / CVE-2017-0199
- e. **Antivirus Detection Rate.** Low
- f. **File Size.** 11.4 Kbs
- g. **File Extension.** .docx
- h. **C&C Servers**

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C/A
24/12
S(A&C)

Ser	URL address	IP Address	Country
(1)	-	192.227.129.19	India

3. **Indicators of Compromise**

- a. Files downloaded or rewritten from another process
(1) C:\Users\

SS (lower)

4. **Capabilities of Malware**

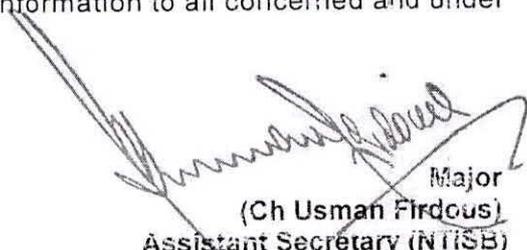
- a. The RTF based malware is specially designed for targeted attacks and can steal files and keystrokes (along with stored usernames / passwords) from windows system and browsers.
- b. The adversary resides in system by creating several copies and severe execution points of original sample.
- c. The attacker can gain remote access of the system and can execute additional payload from it and run Microsoft certified files to evade antivirus detection.

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- d. The attacker can run malware through Equation Editor that reads other registry keys for execution and transferred information through temporary files.

5. **Recommendations**

- a. **Regularly update well reputed antiviruses** such as Kaspersky, Avira, Avast etc. and scan system regularly.
- b. Update all software including Windows OS, Microsoft Office and all other on regular basis.
- c. Uninstall all not in use applications and software from system and personal phone.
- d. **Do not download attachments from emails unless you are sure about the source.**
- e. Window defender and Firewall of system to be on recommended settings.
6. Forwarded for perusal and dissemination of information to all concerned and under command, please.


Major
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All Secretaries of Ministries / Divisions of Federal Government and Chief Secretaries of Provincial Governments

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