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No./RVPN/ SE (MIS&IT) /Cyber-Security/F./D.

684

Date: 14/10/20

All System Users,

RVPN.

Subject : Regarding adopting best cyber security practices in RVPN.

In reference to the advisories issues by the CERT-IN and NCIIPC some important security measures are to be adopted in RVPN to make the network environment safe and secure. Various product advisories are received and in regard of that kindly adopt the practices as listed below:

1. Microsoft has announced that it will end support for the Internet Explorer 11 across all of its Microsoft 365 apps and services on August 17, 2021. Prior to that, Microsoft Teams web app would also no longer support IE 11 from November 30, 2020. All System users are requested to download Microsoft Edge from the link below:
<https://www.microsoft.com/en-us/edge>
2. Users are requested to update their windows system using the Windows update so that latest patches and updates are installed on the machines and less vulnerable to the security threats.
3. Users are advised that do not click on the direct links in email which are redirecting you to some external page. Always observe the URL and in case of some doubt the issue may be escalated to this office with all details of incident so that such IP and sends are blocked at the Firewall end. Kindly follow the guidelines below in this regard:
 - a. As a thumb rule, never click on links received in emails, even from a known / official source, instead, type or copy/paste the link in a browser tab for access.

- b. Keep the mouse pointer over the link for a second or two (mouse over) and the actual link will be displayed on screen, which can be compared to the link appearing in the mail to ascertain authenticity.
 - c. Ensure that the computer / device used to access the mail has an updated OS, an updated Antivirus software. Carry out full scan of the host machine every week to check for the presence of malware.
 - d. 'Remember password' option not be checked/ enabled/ configured on mail access application (browser / MS-Outlook / etc) on any device including official PC.
 - e. User/ Custodian of email to change passwords at regular intervals (15 days is recommended). Password to have 8-15 char length, contain at least one Capital character, one special char and one numeric char in a difficult to guess combination. Ensure change of password from a clean system; refrain from changing on a public device / mobile phone.
 - f. Discard/ Delete spam/ unknown or suspected phishing emails mails after forwarding a copy to se.mis@rvpn.co.in for analysis.
4. Multiple vulnerabilities have been reported in Google Chrome which could allow a remote attacker to execute arbitrary code or bypass security restrictions on the targeted system. Successful exploitation of these vulnerabilities could allow the attacker to execute arbitrary code or bypass security restrictions on the targeted system resulting in complete system compromise. Kindly Upgrade to Google Chrome as mentioned in link below.
- <https://chromereleases.googleblog.com/2020/08/stable-channel-update-for-desktop.html>


(A.K. Gupta)

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