Pakistan Telecom Authority, Islamabad

PTA Cyber Security Advisory No: 66   **03-february-2020**

Threat Classification: Local Privilege Escalation Vulnerability

Name: VMware Local Privilege Escalation Vulnerability (CVE-2020-3941)

Affected Systems: Affects the following products of VMware:

- VMware Tools for Windows (VMware Tools)

S**ummary:**

VMware has released a security update to address a vulnerability in VMware Tools. An attacker could exploit this vulnerability to take control of an affected system

Attack Severity	High
Attack Vector	Network
Attack Type	Gain Privileges
Privileges Required	None

Recommendations:

- Update or upgrade from following official VMware website link to fix the aforementioned vulnerabilities:

    https://www.vmware.com/security/advisories/VMSA-2020-0002.html

- To remediate CVE-2020-3941, update to VMware Tools version 11.0 or later.

- In all cases, ensure that devices to be upgraded meet the requirements set by the vendor.

- Whenever required, run software with minimal access rights and privileges.

- Use licensed antivirus and regularly obtain its latest updates with its real-time scanning capabilities enabled.

- Only use licensed software and avoid download/use of cracked and pirated software.

- Designate a PoC from your security / Network team (if yet not designated), for seeking assistance and reporting security issues.

- In case of any incident, please report to this office.