Pakistan Telecom Authority Headquarters, Islamabad

PTA Cyber Security Advisory No. 328   **09-09-2024**

Name: Multiple Google Chrome Vulnerabilities

Threat Classification: Vulnerabilities

Affected Software / Area:

- Google Chrome Version 128.0

Summary:

Multiple vulnerabilities have been identified in Google Chrome that could allow a remote attacker to execute arbitrary code on a target system. The vulnerabilities are as follows:

- **CVE-2024-8194:** A type confusion in V8 could be exploited by a remote attacker to execute arbitrary code by persuading a user to visit a specially crafted website.
- **CVE-2024-8193 & CVE-2024-8198:** A heap-based buffer overflow in Skia could allow a remote attacker to execute arbitrary code or cause the application to crash.

Severity	High
Attack Vector	Remote Code Execution

Recommendations:

- Upgrade to the latest version of Google Chrome immediately to mitigate these vulnerabilities. The latest version is available from the Google Chrome Releases website.

- https://chromereleases.googleblog.com/

- Regularly monitor network traffic and system behavior for signs of exploitation.

- Educate your employees on safe computing practices, such as being cautious when opening emails and downloading attachments.

- In case of any incident, please report to this office, through PTA CERT Portal and email.