



Pakistan Telecom Authority Headquarters, Islamabad

PTA Cyber Security Advisory No. 159

09-12-2022

Name: Chrome Releases Out-of-Band Security Update against New Actively Exploited Zero-Day Vulnerability (CVE-2022-4262)

Threat Classification: Arbitrary Code Execution

Affected Versions:

- All Browser Versions on All Platforms

Summary:

A new Zero-Day Vulnerability known as Type Confusion Bug has been discovered in all versions of Chrome Browsers in its V8 JavaScript engine. More importantly the exploit of this vulnerability is available publicly. Through this vulnerability, threat actors could perform out-of-bounds memory access and arbitrary code execution. A successful exploitation of this vulnerability may allow a remote attacker to arbitrarily execute code which may allow him to install programs, view, change, delete data, or create new accounts with full user rights.

Severity	Critical
Attack Vector	Chrome Browser
Privileges required	None

Recommendations:

- It is recommended to upgrade to version 108.0.5359.94 for macOS & Linux and 108.0.5359.94/.95 for Windows.
- Regularly provide Cyber security awareness training to the employees.
- In case of any incident, please report to this office.