



Home > Submit > 792043

Submit #792043: Totolink A7100RU 7.4cu.2313_b20191024 Command Injection

Title Totolink A7100RU 7.4cu.2313_b20191024 Command Injection

Description A pre-authentication OS command injection vulnerability exists in the `setMiniuiHomeInfoShow` functionality exposed via the web management interface (`/cgi-bin/cstecgi.cgi`) of the TOTOLINK A7100RU 7.4cu.2313_b20191024 router. The CGI handler retrieves user-controlled input from the HTTP parameter `lan_info`, embeds it directly into a shell command string using `sprintf`, and executes it via `GateSystem()` without any sanitization or escaping. As a result, a remote attacker with network access to the web interface can inject arbitrary shell commands and execute them with root privileges on the device, without authentication. This allows full compromise of the router and, potentially, further compromise of the attached network.

Source https://github.com/Lifengzheng/vuldb_new/blob/main/A7100RU/vul_167/README.md

User LizHust (UID 95690)

Submission 03/28/2026 04:41 PM (13 days ago)

Moderation 04/09/2026 02:49 PM (12 days later)

Status Verified

VulDB entry [VulDB Entry](#) [Totolink A7100RU 7.4cu.2313_b20191024 CGI /cgi-bin/cstecgi.cgi setMiniuiHomeInfoShow lan_info os command injection]

Points 20

Community Content

Submissions are made by [VulDB community users](#). VulDB is *not responsible* for their content nor the links to external sources.

Please use the raw information shown and the links listed *with caution*. They might contain malicious and harmful actions, code or data.

The corresponding VulDB entries contain the moderated, verified, and normalized information provided within the raw submission.

Documentation

- [Submission Policy](#)
- [Data Processing](#)
- [CVE Handling](#)