

cd /tmp/tor-browser_en-US/

./start-tor-browser.desktop --verbose

Launching './Browser/start-tor-browser --detach --verbose'...

Visit any v2 onion site, connection timestamps are logged at the exact moment the server responds.

Sep 24 16:28:52.000 [warn] Warning! You've just connected to a v2 onion address. These addresses are deprecated for security reasons,
Sep 24 16:28:52.000 [warn] Warning! You've just connected to a v2 onion address. These addresses are deprecated for security reasons,
Sep 24 16:28:52.000 [warn] Warning! You've just connected to a v2 onion address. These addresses are deprecated for security reasons,
Sep 24 16:29:02.000 [warn] Warning! You've just connected to a v2 onion address. These addresses are deprecated for security reasons,



Disclosure Timeline

- 2021-07-02 Researcher discovers vulnerability on bounty platform
- 2021-07-07 Report closed as informative
- 2021-08-17 Researcher requests CVE
- 2021-08-17 Vendor re-notified via sec mailing list, and on bounty platform chat.
- 2021-09-10 No response: researcher opens Pull Request to remove timestamps.
- 2021-09-24 CVE published

Links

https://github.com/sickcodes/security/blob/master/advisories/SICK-2021-111.md

https://sick.codes/sick-2021-111

https://www.privacyaffairs.com/cve-2021-39246-tor-vulnerability/

https://gitlab.torproject.org/tpo/core/tor/-/commit/80c404c4b79f3bcba3fc4585d4c62a62a04f3ed9

https://gitlab.torproject.org/tpo/core/tor/-/merge_requests/434

https://hackerone.com/reports/1250273

Researchers

- Sick Codes https://github.com/sickcodes || https://twitter.com/sickcodes
- $\bullet \quad \textit{Miklos Zoltan} \text{ https://twitter.com/mzb4455} \parallel \text{https://www.privacyaffairs.com/authors/miklos/}$

CVE Links

https://sick.codes/sick-2021-111

https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-39246

https://nvd.nist.gov/view/vuln/detail?vulnId=CVE-2021-39246