



# CVE-2020-8231

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2020-8231   |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | support@hackerone.com   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2020-12-14 20:15:00 UTC   |
| <b>Updated</b>         | 2024-03-27 16:04:00 UTC   |
| <b>Description</b>     | Due to use of a dangling pointer, libcurl 7.29.0 through 7.71.1 can use the wrong connection when sending data. |

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                  | Product   | Version | Update | Edition | Language |
|------------------|-------------------------|---|---------|--------|---------|----------|
| Operating System | <a href="#">Debian</a>  | <a href="#">Debian Linux</a>                            | 10.0    | All    | All     | All      |
| Application      | <a href="#">Haxx</a>    | <a href="#">Libcurl</a>                                 | All     | All    | All     | All      |
| Application      | <a href="#">Oracle</a>  | <a href="#">Communications Cloud Native Core Policy</a> | 1.14.0  | All    | All     | All      |
| Application      | <a href="#">Siemens</a> | <a href="#">Sinec Infrastructure Network Services</a>   | All     | All    | All     | All      |
| Application      | <a href="#">Splunk</a>  | <a href="#">Universal Forwarder</a>                     | All     | All    | All     | All      |
| Application      | <a href="#">Splunk</a>  | <a href="#">Universal Forwarder</a>                     | 9.1.0   | All    | All     | All      |

## References

### Reference

- [cURL: Multiple vulnerabilities \(GLSA 202012-14\) — Gentoo security](#)
- [Debian -- Security Information -- DSA-4881-1 curl](#)
- [\[bookkeeper-issues\] 20210628 \[GitHub\] \[bookkeeper\] padma81 opened a new issue #2746: Security Vulnerabilities in CentOS 7 image, Upgrade](#)
- [HackerOne](#)
- [Oracle Critical Patch Update Advisory - April 2022](#)
- [Pony Mail!](#)
- [curl - wrong connect-only connection - CVE-2020-8231](#)
- [cert-portal.siemens.com/productcert/pdf/ssa-389290.pdf](#)
- [Pony Mail!](#)

[bookkeeper-issues] 20210629 [GitHub] [bookkeeper] padma81 opened a new issue #2746: Security Vulnerabilities in CentOS 7 image, Upgrade

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

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|--|
| <a href="#">12304</a> McAfee Web Gateway Product Multiple Vulnerabilities (WP-2326,WP-3443)  |
| <a href="#">159196</a> Oracle Enterprise Linux Security Update for curl (ELSA-2021-1610)   |
| <a href="#">178522</a> Debian Security Update for curl (DSA 4881-1)  |
| <a href="#">239328</a> Red Hat Update for curl (RHSA-2021:1610)  |
| <a href="#">296067</a> Oracle Solaris 11.4 Support Repository Update (SRU) 33.94.0 Missing (CPUAPR2021)                              |
| <a href="#">352506</a> Amazon Linux Security Advisory for curl: ALAS2-2021-1693  |
| <a href="#">377396</a> Alibaba Cloud Linux Security Update for curl (ALINUX3-SA-2021:0078)   |
| <a href="#">378599</a> Splunk Enterprise Third Party Package Updates for June (SVD-2023-0613)  |
| <a href="#">378883</a> Splunk Enterprise August Third Party Package Updates (SVD-2023-0808)  |
| <a href="#">500131</a> Alpine Linux Security Update for curl   |
| <a href="#">501395</a> Alpine Linux Security Update for curl   |
| <a href="#">503887</a> Alpine Linux Security Update for curl   |
| <a href="#">591406</a> Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)         |
| <a href="#">690517</a> Free Berkeley Software Distribution (FreeBSD) Security Update for curl (b905dff4-e227-11ea-b0ea-08002728f74c) |
| <a href="#">750055</a> SUSE Enterprise Linux Security Update for curl (SUSE-SU-2021:1786-1)  |
| <a href="#">900151</a> CBL-Mariner Linux Security Update for curl 7.68.0   |
| <a href="#">903203</a> Common Base Linux Mariner (CBL-Mariner) Security Update for curl (3679)                                       |
| <a href="#">940000</a> AlmaLinux Security Update for curl (ALSA-2021:1610)   |
| <a href="#">960740</a> Rocky Linux Security Update for curl (RLSA-2021:1610)   |

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