



CVE-2017-12425

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

| | |
|------------------------|---|
| CVE | CVE-2017-12425 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2017-08-04 09:29:00 UTC |
| Updated | 2022-08-02 19:13:00 UTC |
| Description | An issue was discovered in Varnish HTTP Cache 4.0.1 through 4.0.4, 4.1.0 through 4.1.7, 5.0.0, and 5.1.0 through 5.1.2. A |

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|-------------|-------------------------------|-------------------------|---------|-------------|---------|----------|
| Application | Varnish-cache | Varnish | 4.0.1 | All | All | All |
| Application | Varnish-cache | Varnish | 4.0.2 | All | All | All |
| Application | Varnish-cache | Varnish | 4.0.2 | rc-1 | All | All |
| Application | Varnish-cache | Varnish | 4.0.3 | All | All | All |
| Application | Varnish-cache | Varnish | 4.0.3 | rc-1 | All | All |
| Application | Varnish-cache | Varnish | 4.0.3 | rc-2 | All | All |
| Application | Varnish-cache | Varnish | 4.0.3 | rc-2-proper | All | All |
| Application | Varnish-cache | Varnish | 4.0.3 | rc-3 | All | All |
| Application | Varnish-cache | Varnish | 4.0.4 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.0 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.0 | beta1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.0 | tp-1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.1 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.1 | beta1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.1 | beta2 | All | All |
| Application | Varnish-cache | Varnish | 4.1.2 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.2 | beta1 | All | All |

| | | | | | | |
|-------------|-------------------------------|-------------------------|-------|-------------|-----|-----|
| Application | Varnish-cache | Varnish | 4.1.2 | beta2 | All | All |
| Application | Varnish-cache | Varnish | 4.1.3 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.3 | beta1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.3 | beta2 | All | All |
| Application | Varnish-cache | Varnish | 4.1.4 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.4 | beta1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.4 | beta2 | All | All |
| Application | Varnish-cache | Varnish | 4.1.4 | beta3 | All | All |
| Application | Varnish-cache | Varnish | 4.1.5 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.5 | beta1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.5 | beta2 | All | All |
| Application | Varnish-cache | Varnish | 4.1.6 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.7 | All | All | All |
| Application | Varnish-cache | Varnish | 5.0.0 | All | All | All |
| Application | Varnish-cache | Varnish | 5.1.0 | All | All | All |
| Application | Varnish-cache | Varnish | 5.1.1 | All | All | All |
| Application | Varnish-cache | Varnish | 5.1.2 | All | All | All |
| Application | Varnish-cache | Varnish | 4.0.1 | All | All | All |
| Application | Varnish-cache | Varnish | 4.0.2 | All | All | All |
| Application | Varnish-cache | Varnish | 4.0.2 | rc-1 | All | All |
| Application | Varnish-cache | Varnish | 4.0.3 | All | All | All |
| Application | Varnish-cache | Varnish | 4.0.3 | rc-1 | All | All |
| Application | Varnish-cache | Varnish | 4.0.3 | rc-2 | All | All |
| Application | Varnish-cache | Varnish | 4.0.3 | rc-2-proper | All | All |
| Application | Varnish-cache | Varnish | 4.0.3 | rc-3 | All | All |
| Application | Varnish-cache | Varnish | 4.0.4 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.0 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.0 | beta1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.0 | tp-1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.1 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.1 | beta1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.1 | beta2 | All | All |
| Application | Varnish-cache | Varnish | 4.1.2 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.2 | beta1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.2 | beta2 | All | All |

| | | | | | | |
|-------------|-------------------------------|-------------------------------|-------|-------|-----|-----|
| Application | Varnish-cache | Varnish | 4.1.3 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.3 | beta1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.3 | beta2 | All | All |
| Application | Varnish-cache | Varnish | 4.1.4 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.4 | beta1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.4 | beta2 | All | All |
| Application | Varnish-cache | Varnish | 4.1.4 | beta3 | All | All |
| Application | Varnish-cache | Varnish | 4.1.5 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.5 | beta1 | All | All |
| Application | Varnish-cache | Varnish | 4.1.5 | beta2 | All | All |
| Application | Varnish-cache | Varnish | 4.1.6 | All | All | All |
| Application | Varnish-cache | Varnish | 4.1.7 | All | All | All |
| Application | Varnish-cache | Varnish | 5.0.0 | All | All | All |
| Application | Varnish-cache | Varnish | 5.1.0 | All | All | All |
| Application | Varnish-cache | Varnish | 5.1.1 | All | All | All |
| Application | Varnish-cache | Varnish | 5.1.2 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 4.0.1 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 4.0.2 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 4.0.3 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 4.0.4 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.0 | beta1 | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.1 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.1 | beta1 | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.1 | beta2 | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.2 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.2 | beta1 | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.2 | beta2 | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.3 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.3 | beta1 | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.3 | beta2 | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.4 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.4 | beta1 | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.4 | beta2 | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.4 | beta3 | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.5 | All | All | All |

| | | | | | | |
|-------------|---------------------------------------|-------------------------------|-------|---------------------|-----|-----|
| Application | Varnish-cache | Varnish Cache | 4.1.5 | beta1 | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.5 | beta2 | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.6 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 4.1.7 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 5.0.0 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 5.1.0 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 5.1.1 | All | All | All |
| Application | Varnish-cache | Varnish Cache | 5.1.2 | All | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.0 | beta1 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.0 | technology_preview1 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.1 | All | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.1 | beta1 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.1 | beta2 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.2 | All | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.2 | beta1 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.2 | beta2 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.3 | All | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.3 | beta1 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.3 | beta2 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.4 | All | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.4 | beta1 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.4 | beta2 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.4 | beta3 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.5 | All | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.5 | beta1 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.5 | beta2 | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.6 | All | All | All |
| Application | Varnish-software | Varnish Cache | 4.1.7 | All | All | All |
| Application | Varnish Cache Project | Varnish Cache | 4.0.1 | All | All | All |
| Application | Varnish Cache Project | Varnish Cache | 4.0.2 | All | All | All |
| Application | Varnish Cache Project | Varnish Cache | 4.0.3 | All | All | All |
| Application | Varnish Cache Project | Varnish Cache | 4.0.4 | All | All | All |
| Application | Varnish Cache Project | Varnish Cache | 5.0.0 | All | All | All |
| Application | Varnish Cache Project | Varnish Cache | 5.1.0 | All | All | All |
| Application | Varnish Cache Project | Varnish Cache | 5.1.1 | All | All | All |
| Application | Varnish Cache Project | Varnish Cache | 5.1.2 | All | All | All |

References

Reference

| | |
|--|---|
| [SECURITY] [DSA 3924-1] varnish security update | S |
| VSV00001 DoS vulnerability — Varnish HTTP Cache | C |
| 1477222 – (CVE-2017-12425) CVE-2017-12425 varnish: Missing check for integer overflow when handling chunk sizes in HTTP requests | C |
| Debian -- Security Information -- DSA-3924-1 varnish | D |
| Bug 1051917 – VUL-0: varnish: DoS through reachable assert | C |
| Bogusly large chunk sizes may cause assert · Issue #2379 · varnishcache/varnish-cache · GitHub | C |
| CVE Program record | C |
| NVD vulnerability detail | N |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[500716](#) Alpine Linux Security Update for varnish

[504490](#) Alpine Linux Security Update for varnish

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)