CVE-2019-20454

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Summary

CVE	CVE-2019-20454
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-02-14 14:15:00 UTC
Updated	2024-03-27 16:05:00 UTC
Description	An out-of-bounds read was discovered in PCRE before 10.34 when the pattern \X is JIT compiled and used to match specia

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	31	All	All	All
Application	Pcre	Pcre2	All	All	All	All
Application	Pcre	Pcre2	All	All	All	All
Application	Splunk	Universal Forwarder	All	All	All	All
Application	Splunk	Universal Forwarder	9.1.0	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 31 Update: mingw-pcre2-10.33-3.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.
1735494 – (CVE-2019-20454) CVE-2019-20454 pcre: Out of bounds read in JIT mode when \X is used in non-UTF mode	MISC	bugz
Bug 2421 – Array cross-border reading/global variable coverage in PCRE Library	MISC	bugs
[SECURITY] [DLA 3363-1] pcre2 security update	MLIST	lists.
PHP :: Sec Bug #78338 :: Array cross-border reading/global variable coverage in PCRE	MISC	bugs
[pcre2] Revision 1092	MISC	vcs.p
[SECURITY] Fedora 31 Update: mingw-pcre2-10.33-3.fc31 - package-announce - Fedora Mailing-Lists		lists.
PCRE2: Denial of service (GLSA 202006-16) — Gentoo security	GENTOO	secu
CVE Program record	CVE.ORG	www

NVD vulnerability detail NVD nvd.

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

181631 Debian Security Update for pcre2 (DLA 3363-1)

296075 Oracle Solaris 11.4 Support Repository Update (SRU) 21.69.0 Missing (CPUAPR2020)

377374 Alibaba Cloud Linux Security Update for pcre2 security and enhancement update (moderate) (ALINUX3-SA-2022:0050)

378883 Splunk Enterprise August Third Party Package Updates (SVD-2023-0808)

752435 SUSE Enterprise Linux Security Update for pcre2 (SUSE-SU-2022:2649-1)

770068 Red Hat OpenShift Container Platform 4.6 Security Update (RHSA-2021:0436)

940227 AlmaLinux Security Update for pcre2 (ALSA-2020:4539)

940250 AlmaLinux Security Update for php:7.3 (ALSA-2020:3662)

960390 Rocky Linux Security Update for pcre2 (RLSA-2020:4539)

960421 Rocky Linux Security Update for php:7.3 (RLSA-2020:3662)