



CVE-2018-18311

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2018-18311
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-12-07 21:29:00 UTC
Updated	2023-11-07 02:55:00 UTC
Description	Perl before 5.26.3 and 5.28.x before 5.28.1 has a buffer overflow via a crafted regular expression that triggers invalid write c

Risk And Classification

Problem Types: CWE-787 | CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Mac Os X	All	All	All	All
Operating System	Apple	Mac Os X	All	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All

Operating System	Fedoraproject	Fedora	29	All	All	All
Application	Mcafee	Web Gateway	All	All	All	All
Application	Mcafee	Web Gateway	All	All	All	All
Application	Netapp	E-series Santricity Os Controller	-	All	All	All
Application	Netapp	E-series Santricity Os Controller	-	All	All	All
Application	Netapp	Snapcenter	-	All	All	All
Application	Netapp	Snapcenter	-	All	All	All
Application	Netapp	Snapdriver	-	All	All	All
Application	Netapp	Snapdriver	-	All	All	All
Application	Netapp	Snap Creator Framework	-	All	All	All
Application	Netapp	Snap Creator Framework	-	All	All	All
Application	Perl	Perl	All	All	All	All
Application	Perl	Perl	All	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.4	All	All	All
Operating System	Redhat	Enterprise Linux	7.5	All	All	All
Operating System	Redhat	Enterprise Linux	7.6	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.4	All	All	All
Operating System	Redhat	Enterprise Linux	7.5	All	All	All
Operating System	Redhat	Enterprise Linux	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

Application	Redhat	Openshift Container Platform	3.11	All	All	All
Application	Redhat	Openshift Container Platform	3.11	All	All	All

References

Reference

McAfee Security Bulletin - Web Gateway update fixes four third-party vulnerabilities (CVE-2018-18311, CVE-2018-5742, CVE-2019-9169, and

Full Disclosure: APPLE-SA-2019-3-25-2 macOS Mojave 10.14.4, Security Update 2019-002 High Sierra, Security Update 2019-002 Sierra

Oracle Critical Patch Update Advisory - July 2020

Perl: Multiple vulnerabilities (GLSA 201909-01) — Gentoo security

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Debian -- Security Information -- DSA-4347-1 perl

perldelta - what is new for perl v5.28.1 - metacpan.org

[SECURITY] Fedora 29 Update: perl-5.28.1-425.fc29 - package-announce - Fedora Mailing-Lists

December 2018 PERL Vulnerabilities in NetApp Products | NetApp Product Security

About the security content of macOS Mojave 10.14.4, Security Update 2019-002 High Sierra, Security Update 2019-002 Sierra - Apple Support

Perl Multiple Buffer Overflow Vulnerabilities

perldelta - what is new for perl v5.26.3 - metacpan.org

Red Hat Customer Portal - Access to 24x7 support and knowledge

[SECURITY] [DLA 1601-1] perl security update

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Oracle Critical Patch Update - July 2019

Bugtraq: APPLE-SA-2019-3-25-2 macOS Mojave 10.14.4, Security Update 2019-002 High Sierra, Security Update 2019-002 Sierra

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USN-3834-2: Perl vulnerabilities | Ubuntu security notices

[SECURITY] Fedora 29 Update: perl-5.28.1-425.fc29 - package-announce - Fedora Mailing-Lists

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[CVE-2018-18311] Integer overflow leading to buffer overflow · Issue #16560 · Perl/perl5 · GitHub

Oracle Critical Patch Update Advisory - April 2020

Perl_my_setenv(); handle integer wrap · Perl/perl5@34716e2 · GitHub

Perl Function Integer/Heap Overflows Let Local Users Obtain Potentially Sensitive Information or Remote Users Execute Arbitrary Code in Ce

USN-3834-1: Perl vulnerabilities | Ubuntu security notices

1646730 – (CVE-2018-18311) CVE-2018-18311 perl: Integer overflow leading to buffer overflow in Perl_my_setenv()

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CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[296091](#) Oracle Solaris 11.4 Support Repository Update (SRU) 6.1.4 Missing (CPUJAN2019)

[376914](#) Alibaba Cloud Linux Security Update for perl (ALINUX2-SA-2019:0006)

[500525](#) Alpine Linux Security Update for perl

[504286](#) Alpine Linux Security Update for perl

[710131](#) Gentoo Linux Perl Multiple vulnerabilities (GLSA 201909-01)

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