



# CVE-2020-10543

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

## Summary

<b>CVE</b>	CVE-2020-10543
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-06-05 14:15:00 UTC
<b>Updated</b>	2023-11-07 03:14:00 UTC
<b>Description</b>	Perl before 5.30.3 on 32-bit platforms allows a heap-based buffer overflow because nested regular expression quantifiers h

## 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	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Billing And Revenue Management</a>	12.0.0.2.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Billing And Revenue Management</a>	12.0.0.3.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Diameter Signaling Router</a>	All	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Eagle Application Processor</a>	All	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Eagle Lnp Application Processor</a>	10.1	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Eagle Lnp Application Processor</a>	10.2	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Eagle Lnp Application Processor</a>	46.7	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Eagle Lnp Application Processor</a>	46.8	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Eagle Lnp Application Processor</a>	46.9	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Lsms</a>	All	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Offline Mediation Controller</a>	12.0.0.3.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Performance Intelligence Center</a>	All	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Performance Intelligence Center</a>	All	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Pricing Design Center</a>	12.0.0.3.0	All	All	All

Application	Oracle	Configuration Manager	12.1.2.0.8	All	All	All
Application	Oracle	Enterprise Manager Base Platform	13.4.0.0	All	All	All
Application	Oracle	Sd-wan Edge	8.2	All	All	All
Application	Oracle	Sd-wan Edge	9.0	All	All	All
Application	Oracle	Sd-wan Edge	9.1	All	All	All
Application	Oracle	Tekelec Platform Distribution	All	All	All	All
Application	Perl	Perl	All	All	All	All
Application	Perl	Perl	All	All	All	All

## References

Reference	Source	Link	Tag
June 2020 Perl Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	Thir
Oracle Critical Patch Update Advisory - April 2022	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	
[SECURITY] Fedora 31 Update: perl-5.30.3-452.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	Mai
[security-announce] openSUSE-SU-2020:0850-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
Oracle Critical Patch Update Advisory - October 2020	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	
Oracle Critical Patch Update Advisory - July 2021	N/A	<a href="https://www.oracle.com">www.oracle.com</a>	
Oracle Critical Patch Update Advisory - October 2021	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	
perl5/perl5303delta.pod at bleed · Perl/perl5 · GitHub	CONFIRM	<a href="https://github.com">github.com</a>	Thir
Perl: Multiple vulnerabilities (GLSA 202006-03) — Gentoo security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.org</a>	Thir
Oracle Critical Patch Update Advisory - January 2022	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	
[SECURITY] Fedora 31 Update: perl-5.30.3-452.fc31 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
regcomp.c: Prevent integer overflow from nested regex quantifiers. · Perl/perl5@897d1f7 · GitHub	CONFIRM	<a href="https://github.com">github.com</a>	Pat
Comparing v5.30.2...v5.30.3 · Perl/perl5 · GitHub	CONFIRM	<a href="https://github.com">github.com</a>	Thir
Oracle Critical Patch Update Advisory - April 2021	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	
Oracle Critical Patch Update Advisory - January 2021	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	can
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	can

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[159183](#) Oracle Enterprise Linux Security Update for perl (ELSA-2021-9238)

[159203](#) Oracle Enterprise Linux Security Update for perl (ELSA-2021-1678)

[20286](#) Oracle Database 19c OJVM Critical Patch Update - January 2021

<a href="#">20301</a> Oracle Database 18c OJVM Critical Patch Update - January 2021
<a href="#">20312</a> Oracle Database 12.2.0.1 Critical OJVM Patch Update - January 2021
<a href="#">239170</a> Red Hat Update for perl (RHSA-2021:0883)
<a href="#">239179</a> Red Hat Update for perl (RHSA-2021:1032)
<a href="#">239320</a> Red Hat Update for perl (RHSA-2021:1678)
<a href="#">239492</a> Red Hat Update for perl (RHSA-2021:2792)
<a href="#">377427</a> Alibaba Cloud Linux Security Update for perl (ALINUX2-SA-2021:0004)
<a href="#">377575</a> Alibaba Cloud Linux Security Update for perl (ALINUX3-SA-2021:0012)
<a href="#">500526</a> Alpine Linux Security Update for perl
<a href="#">504287</a> Alpine Linux Security Update for perl
<a href="#">591406</a> Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)
<a href="#">730228</a> McAfee Web Gateway Multiple Vulnerabilities (WP-3445, WP-3483, WP-3527, WP-3528, WP-3547, WP-3584, WP-3589, WP-3611)
<a href="#">940057</a> AlmaLinux Security Update for perl (ALSA-2021:1678)
<a href="#">960762</a> Rocky Linux Security Update for perl (RLSA-2021:1678)

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