



CVE-2020-28196

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

Summary

CVE	CVE-2020-28196
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-11-06 08:15:00 UTC
Updated	2023-11-07 03:21:00 UTC
Description	MIT Kerberos 5 (aka krb5) before 1.17.2 and 1.18.x before 1.18.3 allows unbounded recursion via an ASN.1-encoded Kerb

Risk And Classification

Problem Types: CWE-674

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	31	All	All	All
Application	Mit	Kerberos 5	All	All	All	All
Application	Mit	Kerberos 5	All	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Cloud Backup	-	All	All	All
Application	Netapp	Oncommand Insight	-	All	All	All
Application	Netapp	Oncommand Workflow Automation	-	All	All	All
Application	Netapp	Snapcenter	-	All	All	All
Application	Oracle	Communications Cloud Native Core Policy	1.14.0	All	All	All
Application	Oracle	Communications Offline Mediation Controller	12.0.0.3.0	All	All	All
Application	Oracle	Communications Pricing Design Center	12.0.0.3.0	All	All	All
Application	Oracle	Mysql Server	All	All	All	All

References

Reference

[SECURITY] Fedora 33 Update: krb5-1.18.2-29.fc33 - package-announce - Fedora Mailing-Lists

[bookkeeper-issues] 20210628 [GitHub] [bookkeeper] padma81 opened a new issue #2746: Security Vulnerabilities in CentOS 7 image, Upgrade

[SECURITY] Fedora 31 Update: krb5-1.17-47.fc31 - package-announce - Fedora Mailing-Lists

Oracle Critical Patch Update Advisory - April 2022

Pony Mail!

April 2021 MySQL Vulnerabilities in NetApp Products | NetApp Product Security

[SECURITY] [DLA 2437-1] krb5 security update

Oracle Critical Patch Update Advisory - July 2021

Debian -- Security Information -- DSA-4795-1 krb5

Add recursion limit for ASN.1 indefinite lengths · krb5/krb5@57415dd · GitHub

MIT Kerberos 5: Denial of service (GLSA 202011-17) — Gentoo security

[SECURITY] Fedora 32 Update: krb5-1.18.2-29.fc32 - package-announce - Fedora Mailing-Lists

CVE-2020-28196 MIT Kerberos 5 Vulnerability in NetApp Products | NetApp Product Security

Pony Mail!

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

[SECURITY] Fedora 33 Update: krb5-1.18.2-29.fc33 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 31 Update: krb5-1.17-47.fc31 - package-announce - Fedora Mailing-Lists

Oracle Critical Patch Update Advisory - April 2021

[SECURITY] Fedora 32 Update: krb5-1.18.2-29.fc32 - package-announce - Fedora Mailing-Lists

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159190](#) Oracle Enterprise Linux Security Update for krb5 (ELSA-2021-1593)

[159271](#) Oracle Enterprise Linux Security Update for krb5 (ELSA-2021-9294)

[20221](#) Oracle MySQL April 2021 Critical Patch Update (CPUAPR2021)

[239334](#) Red Hat Update for krb5 (RHSA-2021:1593)

[296085](#) Oracle Solaris 11.3 Support Repository Update (SRU) 36.30.0 Missing (CPUOCT2022)

[354065](#) Amazon Linux Security Advisory for krb5 : ALAS2-2022-1845

[500275](#) Alpine Linux Security Update for krb5

[504040](#) Alpine Linux Security Update for krb5

[591406](#) Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)

670186 EulerOS Security Update for krb5 (EulerOS-SA-2021-1685)
690151 Free Berkeley Software Distribution (FreeBSD) Security Update for mysql (56ba4513-a1be-11eb-9072-d4c9ef517024)
750550 OpenSUSE Security Update for krb5 (openSUSE-SU-2020:2062-1)
750560 OpenSUSE Security Update for krb5 (openSUSE-SU-2020:2037-1)
900398 Common Base Linux Mariner (CBL-Mariner) Security Update for krb5 (5993)
940317 AlmaLinux Security Update for krb5 (ALSA-2021:1593)
960675 Rocky Linux Security Update for krb5 (RLSA-2021:1593)

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