



CVE-2023-22745

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

Summary

CVE	CVE-2023-22745
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-01-19 23:15:00 UTC
Updated	2023-01-26 20:25:00 UTC
Description	tpm2-tss is an open source software implementation of the Trusted Computing Group (TCG) Trusted Platform Module (TPM

Risk And Classification

Problem Types: CWE-120

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Tpm2 Software Stack Project	Tpm2 Software Stack	All	All	All	All

References

Reference	Source	Link	Tags
Buffer Overlow in TSS2_RC_Decode · Advisory · tpm2-software/tpm2-tss · GitHub	MISC	github.com	
tss2_rc: ensure layer number is in bounds · tpm2-software/tpm2-tss@306490c · GitHub	MISC	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[161118](#) Oracle Enterprise Linux Security Update for tpm2-tss security and enhancement update (ELSA-2023-6685)

[161173](#) Oracle Enterprise Linux Security Update for tpm2-tss security and enhancement update (ELSA-2023-7166)

[181915](#) Debian Security Update for tpm2-tss (CVE-2023-22745)

[242332](#) Red Hat Update for tpm2-tss (RHSA-2023:6685)

242443 Red Hat Update for tpm2-tss (RHSA-2023:7166)
283687 Fedora Security Update for tpm2 (FEDORA-2023-25617e952a)
283716 Fedora Security Update for tpm2 (FEDORA-2023-3a9674404c)
355265 Amazon Linux Security Advisory for tpm2-tss : ALAS2023-2023-110
379257 Alibaba Cloud Linux Security Update for tpm2-tss security and enhancement update (low) (ALINUX3-SA-2024:0006)
672945 EulerOS Security Update for tpm2-tss (EulerOS-SA-2023-1795)
672948 EulerOS Security Update for tpm2-tss (EulerOS-SA-2023-1773)
673000 EulerOS Security Update for tpm2-tss (EulerOS-SA-2023-1857)
673001 EulerOS Security Update for tpm2-tss (EulerOS-SA-2023-1882)
673034 EulerOS Security Update for tpm2-tss (EulerOS-SA-2023-1965)
673056 EulerOS Security Update for tpm2-tss (EulerOS-SA-2023-1987)
673097 EulerOS Security Update for tpm2-tss (EulerOS-SA-2023-2178)
753739 SUSE Enterprise Linux Security Update for tpm2-0-tss (SUSE-SU-2023:0613-1)
905283 Common Base Linux Mariner (CBL-Mariner) Security Update for tpm2-tss (13043)
905291 Common Base Linux Mariner (CBL-Mariner) Security Update for tpm2-tss (13055)
905489 Common Base Linux Mariner (CBL-Mariner) Security Update for tpm2-tss (13043-1)
905607 Common Base Linux Mariner (CBL-Mariner) Security Update for tpm2-tss (13055-1)
906650 Common Base Linux Mariner (CBL-Mariner) Security Update for tpm2-tss (13055-3)
941406 AlmaLinux Security Update for tpm2-tss (ALSA-2023:6685)
941454 AlmaLinux Security Update for tpm2-tss (ALSA-2023:7166)

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