CVE-2021-4209

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Summary

CVE	CVE-2021-4209
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-08-24 16:15:00 UTC
Updated	2022-10-27 16:57:00 UTC
Description	A NULL pointer dereference flaw was found in GnuTLS. As Nettle's hash update functions internally call memcpy, providing

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Gnutls	All	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Hci Bootstrap Os	-	All	All	All
Hardware	Netapp	Hci Compute Node	-	All	All	All
Application	Netapp	Solidfire Hci Management Node	-	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

References

Reference	Source	Link
Null pointer dereference in MD_UPDATE (#1306) · Issues · gnutls / GnuTLS · GitLab	MISC	gitlab.
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	acces
wrap_nettle_hash_fast: avoid calling _update with zero-length input (!1503) · Merge requests · gnutls / GnuTLS · GitLab	MISC	gitlab.
CVE-2021-4209 GnuTLS Vulnerability in NetApp Products | NetApp Product Security	CONFIRM	securi
wrap_nettle_hash_fast: avoid calling _update with zero-length input (3db35273) · Commits · gnutls / GnuTLS · GitLab	MISC	gitlab.
2044156 – (CVE-2021-4209) CVE-2021-4209 GnuTLS: Null pointer dereference in MD_UPDATE	MISC	bugzil
CVE Program record	CVE.ORG	www.c
NVD vulnerability detail	NVD	nvd.ni

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 180842 Debian Security Update for gnutls28 (CVE-2021-4209)
- 180936 Debian Security Update for gnutls28 (DLA 3070-1)
- 198887 Ubuntu Security Notification for GnuTLS Vulnerabilities (USN-5550-1)
- 591406 Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)
- 672285 EulerOS Security Update for gnutls (EulerOS-SA-2022-2650)
- 672289 EulerOS Security Update for gnutls (EulerOS-SA-2022-2682)
- 672333 EulerOS Security Update for gnutls (EulerOS-SA-2022-2730)
- 672364 EulerOS Security Update for gnutls (EulerOS-SA-2022-2765)
- 672584 EulerOS Security Update for gnutls (EulerOS-SA-2023-1316)
- 672721 EulerOS Security Update for gnutls (EulerOS-SA-2023-1504)
- 751774 SUSE Enterprise Linux Security Update for gnutls (SUSE-SU-2022:0678-1)
- 751775 SUSE Enterprise Linux Security Update for gnutls (SUSE-SU-2022:0677-1)
- 751813 OpenSUSE Security Update for gnutls (openSUSE-SU-2022:0717-1)
- 752000 SUSE Enterprise Linux Security Update for gnutls (SUSE-SU-2022:0717-1)
- 752481 SUSE Enterprise Linux Security Update for gnutls (SUSE-SU-2022:2830-1)
- 903766 Common Base Linux Mariner (CBL-Mariner) Security Update for gnutls (10700)
- 904180 Common Base Linux Mariner (CBL-Mariner) Security Update for gnutls (10700-1)