CVE-2021-20232

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Summary

CVE	CVE-2021-20232
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-12 19:15:00 UTC
Updated	2023-11-07 03:29:00 UTC
Description	A flaw was found in gnutls. A use after free issue in client_send_params in lib/ext/pre_shared_key.c may lead to memory co

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	34	All	All	All
Application	Gnu	Gnutls	All	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

References

Reference	Source
[spark-issues] 20210430 [jira] [Commented] (SPARK-35054) Getting Critical Vulnerability CVE-2021-20231 on spark 3.0.0 branch	
[spark-issues] 20210429 [jira] [Commented] (SPARK-35054) Getting Critical Vulnerability CVE-2021-20231 on spark 3.0.0 branch	
Pony Mail!	MLIST
Pony Mail!	MLIST
[spark-issues] 20210413 [jira] [Created] (SPARK-35054) Getting Critical Vulnerability CVE-2021-20231 on spark 3.0.0 branch	
GnuTLS	MISC
[SECURITY] Fedora 34 Update: gnutls-3.7.1-2.fc34 - package-announce - Fedora Mailing-Lists	
[spark-issues] 20210423 [jira] [Resolved] (SPARK-35054) Getting Critical Vulnerability CVE-2021-20231 on spark 3.0.0 branch	
Pony Mail!	MLIST
[SECURITY] Fedora 34 Update: gnutls-3.7.1-2.fc34 - package-announce - Fedora Mailing-Lists	FEDORA
Pony Mail!	MLIST

Pony Mail!	MLIST
[spark-issues] 20210426 [jira] [Updated] (SPARK-35054) Getting Critical Vulnerability CVE-2021-20231 on spark 3.0.0 branch	
Pony Mail!	MLIST
[spark-issues] 20210426 [jira] [Commented] (SPARK-35054) Getting Critical Vulnerability CVE-2021-20231 on spark 3.0.0 branch	
[spark-issues] 20210417 [jira] [Commented] (SPARK-35054) Getting Critical Vulnerability CVE-2021-20231 on spark 3.0.0 branch	
Pony Mail!	MLIST
March 2021 GnuTLS Vulnerabilities in NetApp Products | NetApp Product Security	CONFIRI
Pony Mail!	MLIST
[spark-issues] 20210425 [jira] [Commented] (SPARK-35054) Getting Critical Vulnerability CVE-2021-20231 on spark 3.0.0 branch	
1922275 – (CVE-2021-20232) CVE-2021-20232 gnutls: Use after free in client_send_params in lib/ext/pre_shared_key.c	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 159515 Oracle Enterprise Linux Security Update for gnutls and nettle (ELSA-2021-4451)
- 159717 Oracle Enterprise Linux Security Update for gnutls (ELSA-2022-9221)
- 174833 SUSE Enterprise Linux Security update for gnutls (SUSE-SU-2021:0934-1)
- 174836 SUSE Enterprise Linux Security update for gnutls (SUSE-SU-2021:0935-1)
- 174852 SUSE Enterprise Linux Security update for gnutls (SUSE-SU-2021:0934-1)
- 174855 SUSE Enterprise Linux Security update for gnutls (SUSE-SU-2021:0935-1)
- 180169 Debian Security Update for gnutls28 (CVE-2021-20232)
- 198448 Ubuntu Security Notification for GnuTransport Layer Security vulnerabilities (USN-5029-1)
- 239785 Red Hat Update for gnutls and nettle security (RHSA-2021:4451)
- 281477 Fedora Security Update for gnutls (FEDORA-2021-18bef34f05)
- 296059 Oracle Solaris 11.4 Support Repository Update (SRU) 36.0.1.101.2 Missing (CPUJUL2021)
- 296060 Oracle Solaris 11.4 Support Repository Update (SRU) 37.0.1.101.1 Missing (CPUJUL2021)
- 500235 Alpine Linux Security Update for gnutls
- 501415 Alpine Linux Security Update for gnutls
- 503982 Alpine Linux Security Update for gnutls
- 591406 Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)

670487 EulerOS Security Update for gnutls (EulerOS-SA-2021-2245)

670513 EulerOS Security Update for gnutls (EulerOS-SA-2021-2271)

671037 EulerOS Security Update for gnutls (EulerOS-SA-2021-2632)

750298 OpenSUSE Security Update for gnutls (openSUSE-SU-2021:0470-1)

900025 CBL-Mariner Linux Security Update for gnutls 3.6.14

901035 Common Base Linux Mariner (CBL-Mariner) Security Update for gnutls (6447-1)

903112 Common Base Linux Mariner (CBL-Mariner) Security Update for gnutls (3973)

940170 AlmaLinux Security Update for gnutls and nettle (ALSA-2021:4451)