



CVE-2021-22570

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2021-22570
State	PUBLIC
Assigner	security@google.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-01-26 14:15:00 UTC
Updated	2023-11-07 03:30:00 UTC
Description	Nullptr dereference when a null char is present in a proto symbol. The symbol is parsed incorrectly, leading to an unchecked

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Application	Google	Protobuf	All	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Active Iq Unified Manager	-	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	Mysql	All	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 35 Update: chromium-99.0.4844.51-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org

[SECURITY] Fedora 34 Update: mingw-protobuf-3.14.0-4.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 35 Update: chromium-99.0.4844.51-1.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 35 Update: protobuf-3.14.0-7.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
Oracle Critical Patch Update Advisory - April 2022	MISC	www.oracle.com
[SECURITY] Fedora 35 Update: protobuf-3.14.0-7.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 34 Update: mingw-protobuf-3.14.0-4.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 34 Update: chromium-99.0.4844.51-1.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] [DLA 3393-1] protobuf security update	MLIST	lists.debian.org
[SECURITY] Fedora 34 Update: protobuf-3.14.0-7.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 36 Update: chromium-99.0.4844.51-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 34 Update: protobuf-3.14.0-7.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 35 Update: mingw-protobuf-3.14.0-4.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 36 Update: chromium-99.0.4844.51-1.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
Release Protocol Buffers v3.15.0 · protocolbuffers/protobuf · GitHub	CONFIRM	github.com
[SECURITY] Fedora 35 Update: mingw-protobuf-3.14.0-4.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
April 2022 MySQL Server Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com
[SECURITY] Fedora 34 Update: chromium-99.0.4844.51-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [160224](#) Oracle Enterprise Linux Security Update for protobuf (ELSA-2022-7464)
- [160267](#) Oracle Enterprise Linux Security Update for protobuf (ELSA-2022-7970)
- [181741](#) Debian Security Update for protobuf (DLA 3393-1)
- [184001](#) Debian Security Update for protobuf (CVE-2021-22570)
- [199233](#) Ubuntu Security Notification for Protocol Buffers Vulnerabilities (USN-5945-1)
- [20256](#) Oracle MySQL April 2022 Critical Patch Update (GPUAPR2022)
- [240813](#) Red Hat Update for protobuf (RHSA-2022:7464)
- [240886](#) Red Hat Update for protobuf (RHSA-2022:7970)
- [240975](#) Red Hat Update for OpenStack Platform 16.1.9 (RHSA-2022:8860)
- [240986](#) Red Hat Update for OpenStack Platform 16.2.4 (RHSA-2022:8847)

282391 Fedora Security Update for protobuf (FEDORA-2022-ffe4a1cedd)
282446 Fedora Security Update for protobuf (FEDORA-2022-2d3e6eb9e4)
282464 Fedora Security Update for mingw (FEDORA-2022-486d5f349d)
282465 Fedora Security Update for mingw (FEDORA-2022-fedff53e4e)
282470 Fedora Security Update for chromium (FEDORA-2022-d1a15f9cdb)
282480 Fedora Security Update for chromium (FEDORA-2022-49b52819a4)
354330 Amazon Linux Security Advisory for protobuf : ALAS2022-2022-098
354462 Amazon Linux Security Advisory for protobuf : ALAS2022-2022-165
354721 Amazon Linux Security Advisory for protobuf : ALAS-2023-1676
354729 Amazon Linux Security Advisory for protobuf : ALAS2-2023-1931
354772 Amazon Linux Security Advisory for protobuf : ALAS2-2023-1948
355275 Amazon Linux Security Advisory for protobuf : ALAS2023-2023-009
379050 Splunk Enterprise Multiple Vulnerabilities (SVD-2023-1104,SVD-2023-1105)
671736 EulerOS Security Update for protobuf (EulerOS-SA-2022-1814)
671743 EulerOS Security Update for protobuf (EulerOS-SA-2022-1797)
671780 EulerOS Security Update for protobuf (EulerOS-SA-2022-1851)
671792 EulerOS Security Update for protobuf (EulerOS-SA-2022-1875)
672024 EulerOS Security Update for protobuf (EulerOS-SA-2022-2232)
672075 EulerOS Security Update for protobuf (EulerOS-SA-2022-2279)
751872 OpenSUSE Security Update for protobuf (openSUSE-SU-2022:0823-1)
751955 OpenSUSE Security Update for protobuf (openSUSE-SU-2022:1040-1)
751984 SUSE Enterprise Linux Security Update for protobuf (SUSE-SU-2022:1040-1)
752664 SUSE Enterprise Linux Security Update for protobuf (SUSE-SU-2022:1040-3)
754157 SUSE Enterprise Linux Security Update for grpc, protobuf, python-Deprecated, python-PyGithub, python-aiocontextvars, python-avro, python-bcrypt, python-cryptography, python-cryptography-vectors, python-google-api-core, pyt (SUSE-SU-2023:2783-1)
754878 SUSE Enterprise Linux Security Update for grpc, protobuf, python-DEPRECATED, python-PyGithub, python-aiocontextvars, python-avro, python-bcrypt, python-cryptography, python-cryptography-vectors, python-google-api-core, pyt (SUSE-SU-2023:2783-2)
900627 Common Base Linux Mariner (CBL-Mariner) Security Update for protobuf (8349)
902067 Common Base Linux Mariner (CBL-Mariner) Security Update for mysql (9830)
902376 Common Base Linux Mariner (CBL-Mariner) Security Update for mysql (9830-1)

940750 Common Base Linux (CBL-manner) Security Update for mysql (CVE-1)

940751 AlmaLinux Security Update for protobuf (ALSA-2022:7464)

940830 AlmaLinux Security Update for protobuf (ALSA-2022:7970)

960304 Rocky Linux Security Update for protobuf (RLSA-2022:7464)

960471 Rocky Linux Security Update for protobuf (RLSA-2022:7970)

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