CVE-2020-36242

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Summary

CVE	CVE-2020-36242
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-02-07 20:15:00 UTC
Updated	2023-11-07 03:22:00 UTC
Description	In the cryptography package before 3.3.2 for Python, certain sequences of update calls to symmetrically encrypt multi-GB v

Risk And Classification

Problem Types: CWE-787 | CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Up
Application	Cryptography Project	Cryptography	All	Al
Application	Cryptography Project	Cryptography	All	Al
Operating System	Fedoraproject	Fedora	33	Al
Operating System	Fedoraproject	Fedora	33	Al
Application	Oracle	Communications Cloud Native Core Network Function Cloud Native Environment	1.10.0	Al

References

Reference	Source	Link
[SECURITY] Fedora 33 Update: python-cryptography-3.2.1-2.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproje
Oracle Critical Patch Update Advisory - April 2022	MISC	www.oracle.com
Comparing 3.3.1...3.3.2 · pyca/cryptography · GitHub	CONFIRM	github.com
[SECURITY] Fedora 33 Update: python-cryptography-3.2.1-2.fc33 - package-announce - Fedora Mailing-Lists		lists.fedoraproje
Fernet fails to encrypt/decrypt large data · Issue #5615 · pyca/cryptography · GitHub	MISC	github.com
cryptography/CHANGELOG.rst at main · pyca/cryptography · GitHub	CONFIRM	github.com
Oracle Critical Patch Update Advisory - July 2022	N/A	www.oracle.com
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

159194 Oracle Enterprise Linux Security Update for python-cryptography (ELSA-2021-1608)

239330 Red Hat Update for python-cryptography (RHSA-2021:1608)

239580 Red Hat Update for rh-python38 (RHSA-2021:3254)

296067 Oracle Solaris 11.4 Support Repository Update (SRU) 33.94.0 Missing (CPUAPR2021)

377334 Alibaba Cloud Linux Security Update for python-cryptography (ALINUX3-SA-2022:0083)

501475 Alpine Linux Security Update for py3-cryptography

502338 Alpine Linux Security Update for py3-cryptography

670494 EulerOS Security Update for python-cryptography (EulerOS-SA-2021-2252)

670520 EulerOS Security Update for python-cryptography (EulerOS-SA-2021-2278)

750342 OpenSUSE Security Update for python-cryptography (openSUSE-SU-2021:0349-1)

753738 SUSE Enterprise Linux Security Update for python-cryptography, python-cryptography-vectors (SUSE-SU-2023:0604-1)

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)

900039 CBL-Mariner Linux Security Update for python-cryptography 2.3.1

903166 Common Base Linux Mariner (CBL-Mariner) Security Update for python-cryptography (3875)

940282 AlmaLinux Security Update for python-cryptography (ALSA-2021:1608)

960766 Rocky Linux Security Update for python-cryptography (RLSA-2021:1608)

981929 Python (pip) Security Update for cryptography (GHSA-rhm9-p9w5-fwm7)