



CVE-2023-23931

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Summary

CVE	CVE-2023-23931
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-02-07 21:15:00 UTC
Updated	2023-02-16 16:57:00 UTC
Description	cryptography is a package designed to expose cryptographic primitives and recipes to Python developers. In affected versio

Risk And Classification

Problem Types: CWE-754

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Cryptography Project	Cryptography	All	All	All	All

References

Reference	Source
Cipher.update_into can corrupt memory if passed an immutable python object as the outbuf · Advisory · pyca/cryptography · GitHub	MISC
Don't allow update_into to mutate immutable objects by alex · Pull Request #8230 · pyca/cryptography · GitHub	MISC
CVE Program record	CVE.O
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[161077](#) Oracle Enterprise Linux Security Update for python-cryptography (ELSA-2023-6615)

[161161](#) Oracle Enterprise Linux Security Update for python-cryptography (ELSA-2023-7096)

[181601](#) Debian Security Update for python-cryptography (DLA 3331-1)

[181614](#) Debian Security Update for python-cryptography (DLA 3331-2)

184595 Debian Security Update for python-cryptography (CVE-2023-23931)
199984 Ubuntu Security Notification for python-cryptography Vulnerability (USN-6539-1)
20355 Oracle Database 21c Critical Patch Update - July 2023
242344 Red Hat Update for rh-python38-python (RHSA-2023:6793)
242403 Red Hat Update for python-cryptography (RHSA-2023:6615)
242438 Red Hat Update for python-cryptography (RHSA-2023:7096)
283749 Fedora Security Update for python (FEDORA-2023-fa5d0b461d)
283775 Fedora Security Update for python (FEDORA-2023-672f668f51)
284276 Fedora Security Update for python (FEDORA-2023-749dd47c79)
296099 Oracle Solaris 11.4 Support Repository Update (SRU) 57.144.3 Missing (CPUAPR2023)
356791 Amazon Linux Security Advisory for python-cryptography : ALAS2023-2023-459
502918 Alpine Linux Security Update for py3-cryptography
503223 Alpine Linux Security Update for py3-cryptography
506172 Alpine Linux Security Update for py3-cryptography
672922 EulerOS Security Update for python-cryptography (EulerOS-SA-2023-1809)
672956 EulerOS Security Update for python-cryptography (EulerOS-SA-2023-1827)
673180 EulerOS Security Update for python-cryptography (EulerOS-SA-2023-2340)
673201 EulerOS Security Update for python-cryptography (EulerOS-SA-2023-2320)
673376 EulerOS Security Update for python-cryptography (EulerOS-SA-2023-2706)
673465 EulerOS Security Update for python-cryptography (EulerOS-SA-2024-1293)
673855 EulerOS Security Update for python-cryptography (EulerOS-SA-2023-2664)
691144 Free Berkeley Software Distribution (FreeBSD) Security Update for py (a32ef450-9781-414b-a944-39f2f61677f2)
753796 SUSE Enterprise Linux Security Update for python-cryptography (SUSE-SU-2023:0737-1)
753831 SUSE Enterprise Linux Security Update for python-ffi (SUSE-SU-2023:0837-1)
753887 SUSE Enterprise Linux Security Update for python-cryptography (SUSE-SU-2023:1763-1)
753893 SUSE Enterprise Linux Security Update for python-cryptography (SUSE-SU-2023:1767-1)
905448 Common Base Linux Mariner (CBL-Mariner) Security Update for python-cryptography (13330)
905466 Common Base Linux Mariner (CBL-Mariner) Security Update for python-cryptography (13353)
905616 Common Base Linux Mariner (CBL-Mariner) Security Update for python-cryptography (13353-1)

905616 Common Base Linux Mariner (CBL-Mariner) Security Update for python-cryptography (13353-1)
905658 Common Base Linux Mariner (CBL-Mariner) Security Update for python-cryptography (13330-1)
906588 Common Base Linux Mariner (CBL-Mariner) Security Update for python-cryptography (13330-3)
906677 Common Base Linux Mariner (CBL-Mariner) Security Update for python-cryptography (13353-3)
941413 AlmaLinux Security Update for python-cryptography (ALSA-2023:6615)
941460 AlmaLinux Security Update for python-cryptography (ALSA-2023:7096)

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