



CVE-2022-48566

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

Summary

CVE	CVE-2022-48566
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-08-22 19:16:00 UTC
Updated	2023-10-13 17:04:00 UTC
Description	An issue was discovered in compare_digest in Lib/hmac.py in Python through 3.9.1. Constant-time-defeating optimisations

Risk And Classification

Problem Types: CWE-362

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Converged Systems Advisor Agent	-	All	All	All
Application	Python	Python	All	All	All	All
Application	Python	Python	All	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] [DLA 3614-1] python3.7 security update	MLIST	lists.debian.org	
[SECURITY] [DLA 3575-1] python2.7 security update	MLIST	lists.debian.org	
CVE-2022-48566 Python Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
Issue 40791: hmac.compare_digest could try harder to be constant-time. - Python tracker	MISC	bugs.python.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, an

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

199789 Ubuntu Security Notification for Python Vulnerability (USN-6400-1)

6000148 Debian Security Update for python2.7 (DLA 3575-1)

6000279 Debian Security Update for python3.7 (DLA 3614-1)

673325 EulerOS Security Update for python2 (EulerOS-SA-2024-1290)

673594 EulerOS Security Update for python (EulerOS-SA-2024-1160)

755046 SUSE Enterprise Linux Security Update for python (SUSE-SU-2023:4001-1)

755169 SUSE Enterprise Linux Security Update for python (SUSE-SU-2023:4220-1)

755975 SUSE Enterprise Linux Security Update for python3 (SUSE-SU-2024:0901-1)

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