



CVE-2021-41495

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

Summary

CVE	CVE-2021-41495
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-12-17 20:15:00 UTC
Updated	2023-11-07 03:38:00 UTC
Description	** DISPUTED ** Null Pointer Dereference vulnerability exists in numpy.sort in NumPy < and 1.19 in the PyArray_DescrNe

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Numpy	Numpy	All	All	All	All

References

Reference	Source	Link
Missing return-value validation of the function PyArray_DescrNew · Issue #19038 · numpy/numpy · GitHub	MISC	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

[199066](#) Ubuntu Security Notification for NumPy Vulnerabilities (USN-5763-1)

[20270](#) Oracle Database 21c Critical Patch Update - October 2022

[240981](#) Red Hat Update for OpenStack Platform 16.1.9 (RHSA-2022:8861)

[240994](#) Red Hat Update for OpenStack Platform 16.2.4 (RHSA-2022:8852)

296062 Oracle Solaris 11.4 Support Repository Update (SRU) 43.113.3 Missing (CPUJAN2022)
671463 EulerOS Security Update for numpy (EulerOS-SA-2022-1432)
671464 EulerOS Security Update for numpy (EulerOS-SA-2022-1453)
671624 EulerOS Security Update for numpy (EulerOS-SA-2022-1662)
671625 EulerOS Security Update for numpy (EulerOS-SA-2022-1648)
671832 EulerOS Security Update for numpy (EulerOS-SA-2022-1906)
672239 EulerOS Security Update for numpy (EulerOS-SA-2022-2626)
690879 Free Berkeley Software Distribution (FreeBSD) Security Update for py (b51cfaea-e919-11ec-9fba-080027240888)
751958 OpenSUSE Security Update for python2-numpy (openSUSE-SU-2022:1064-1)
752368 SUSE Enterprise Linux Security Update for python2-numpy (SUSE-SU-2022:2441-1)
752423 SUSE Enterprise Linux Security Update for python-numpy (SUSE-SU-2022:2646-1)
752426 SUSE Enterprise Linux Security Update for python-numpy (SUSE-SU-2022:2645-1)
752580 SUSE Enterprise Linux Security Update for python2-numpy (SUSE-SU-2022:1064-2)
753409 SUSE Enterprise Linux Security Update for python2-numpy (SUSE-SU-2022:1064-1)
900383 Common Base Linux Mariner (CBL-Mariner) Security Update for numpy (7036)
900973 Common Base Linux Mariner (CBL-Mariner) Security Update for numpy (7045-1)

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