



# CVE-2021-41496

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#) 

## Summary

<b>CVE</b>	CVE-2021-41496
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-12-17 20:15:00 UTC
<b>Updated</b>	2023-11-07 03:38:00 UTC
<b>Description</b>	** DISPUTED ** Buffer overflow in the array_from_pyobj function of fortranobject.c in NumPy < 1.19, which allows attackers

## Risk And Classification

**Problem Types:** CWE-120

## NVD Known Affected Configurations (CPE 2.3)

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

## References

Reference	Source
Potential buffer-overflow from string operations in function array_from_pyobj of fortranobject.c · Issue #19000 · numpy/numpy · GitHub	MISC
Oracle Critical Patch Update Advisory - July 2022	N/A
CVE Program record	CVE
NVD vulnerability detail	NVD

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

[240172](#) Red Hat Update for OpenStack Platform 16.2 (RHSA-2022:1000)

[240178](#) Red Hat Update for OpenStack Platform 16.1 (RHSA-2022:0987)

296062 Oracle Solaris 11.4 Support Repository Update (SRU) 43.113.3 Missing (CPUJAN2022)
671399 EulerOS Security Update for numpy (EulerOS-SA-2022-1334)
671416 EulerOS Security Update for numpy (EulerOS-SA-2022-1357)
671463 EulerOS Security Update for numpy (EulerOS-SA-2022-1432)
671464 EulerOS Security Update for numpy (EulerOS-SA-2022-1453)
671511 EulerOS Security Update for numpy (EulerOS-SA-2022-1510)
671544 EulerOS Security Update for numpy (EulerOS-SA-2022-1491)
671716 EulerOS Security Update for numpy (EulerOS-SA-2022-1749)
751611 SUSE Enterprise Linux Security Update for python-numpy (SUSE-SU-2022:0118-1)
751632 OpenSUSE Security Update for python-numpy (openSUSE-SU-2022:0134-1)
751958 OpenSUSE Security Update for python2-numpy (openSUSE-SU-2022:1064-1)
752013 SUSE Enterprise Linux Security Update for python-numpy (SUSE-SU-2022:0134-1)
752368 SUSE Enterprise Linux Security Update for python2-numpy (SUSE-SU-2022:2441-1)
752580 SUSE Enterprise Linux Security Update for python2-numpy (SUSE-SU-2022:1064-2)
752679 SUSE Enterprise Linux Security Update for python-numpy (SUSE-SU-2022:0134-3)
753409 SUSE Enterprise Linux Security Update for python2-numpy (SUSE-SU-2022:1064-1)
900382 Common Base Linux Mariner (CBL-Mariner) Security Update for numpy (7050)
901946 Common Base Linux Mariner (CBL-Mariner) Security Update for numpy (7056-1)

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