



CVE-2023-41915

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

Summary

CVE	CVE-2023-41915
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-09-09 22:15:00 UTC
Updated	2023-11-07 04:21:00 UTC
Description	OpenPMIx PMIx before 4.2.6 and 5.0.x before 5.0.1 allows attackers to obtain ownership of arbitrary files via a race condition

Risk And Classification

Problem Types: CWE-362

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Fedoraproject	Fedora	38	All	All	All
Operating System	Fedoraproject	Fedora	39	All	All	All
Application	Openpmix	Openpmix	All	All	All	All
Application	Openpmix	Openpmix	5.0.0	All	All	All

References

Reference	Source	Link	Tag
[SECURITY] Fedora 38 Update: openmpi-4.1.4-9.fc38 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
14. OpenPMIx Security Policy — OpenPMIx latest documentation	MISC	docs.openpmix.org	
[SECURITY] Fedora 37 Update: slurm-22.05.9-5.fc37 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] [DLA 3643-1] pmix security update	MLIST	lists.debian.org	
Debian -- Security Information -- DSA-5547-1 pmix	DEBIAN	www.debian.org	
[SECURITY] Fedora 37 Update: slurm-22.05.9-5.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] Fedora 39 Update: slurm-22.05.9-5.fc39 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] Fedora 39 Update: slurm-22.05.9-5.fc39 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
Release PMIx v4.2.6 · openpmix/openpmix · GitHub	CONFIRM	github.com	

[SECURITY] Fedora 38 Update: openmpi-4.1.4-9.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
Release PMIx v5.0.1 · openpmix/openpmix · GitHub	CONFIRM	github.com	
CVE Program record	CVE.ORG	www.cve.org	can
NVD vulnerability detail	NVD	nvd.nist.gov	can

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [199836](#) Ubuntu Security Notification for PMIx Vulnerability (USN-6434-1)
- [284568](#) Fedora Security Update for openmpi (FEDORA-2023-d6dbdf62ad)
- [284569](#) Fedora Security Update for openmpi (FEDORA-2023-155d2f22f1)
- [285253](#) Fedora Security Update for openmpi (FEDORA-2023-1185eca900)
- [356377](#) Amazon Linux Security Advisory for pmix : ALAS2023-2023-363
- [6000287](#) Debian Security Update for pmix (DLA 3643-1)
- [6000289](#) Debian Security Update for pmix (DSA 5547-1)
- [754985](#) SUSE Enterprise Linux Security Update for pmix (SUSE-SU-2023:3859-1)
- [907351](#) Common Base Linux Mariner (CBL-Mariner) Security Update for pmix (29702-1)

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