



CVE-2022-21797

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

Summary

CVE	CVE-2022-21797
State	PUBLIC
Assigner	report@snyk.io
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-09-26 05:15:00 UTC
Updated	2024-01-02 16:15:00 UTC
Description	The package joblib from 0 and before 1.2.0 are vulnerable to Arbitrary Code Execution via the pre_dispatch flag in Parallel()

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Application	Joblib Project	Joblib	All	All	All	All

References

Reference
FIX make sure pre_dispatch cannot do arbitrary code execution by adrinjalali · Pull Request #1321 · joblib/joblib · GitHub
[SECURITY] Fedora 36 Update: python-joblib-1.2.0-1.fc36 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 36 Update: python-joblib-1.2.0-1.fc36 - package-announce - Fedora Mailing-Lists
Arbitrary Code Execution in joblib CVE-2022-21797 Snyk
[SECURITY] [DLA 3193-2] joblib security update
[SECURITY] [DLA 3193-1] joblib security update
[SECURITY] Fedora 37 Update: python-joblib-1.2.0-1.fc37 - package-announce - Fedora Mailing-Lists
The potential security vulnerability for the flag pre_dispatch in Parallel() class due to the eval() statement. · Issue #1128 · joblib/joblib · GitHub
FIX make sure pre_dispatch cannot do arbitrary code execution (#1321) · joblib/joblib@b90f10e · GitHub
GLSA-202401-01

[SECURITY] Fedora 37 Update: python-joblib-1.2.0-1.fc37 - package-announce - Fedora Mailing-Lists

CVE Program record

NVD vulnerability detail

Vendor Comments And Credit

Discovery Credit

LEGACY: Jim Lin

Legacy QID Mappings

[181228](#) Debian Security Update for joblib (DLA 3193-1)

[181644](#) Debian Security Update for joblib (DLA 3193-2)

[283192](#) Fedora Security Update for python (FEDORA-2022-c0bfe37ae5)

[502923](#) Alpine Linux Security Update for py3-joblib

[505802](#) Alpine Linux Security Update for py3-joblib

[691121](#) Free Berkeley Software Distribution (FreeBSD) Security Update for py39 (845f8430-d0ee-4134-ae35-480a3e139b8a)

[710819](#) Gentoo Linux Joblib Arbitrary Code Execution Vulnerability (GLSA 202401-01)

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