CVE-2021-42771

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Summary

CVE	CVE-2021-42771
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-10-20 21:15:00 UTC
Updated	2021-12-14 21:22:00 UTC
Description	Babel.Locale in Babel before 2.9.1 allows attackers to load arbitrary locale .dat files (containing serialized Python objects) v

Risk And Classification

Problem Types: CWE-22

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	Pocoo	Babel	All	All	All	All

References

Reference	Source	Link
Re: [EXTERNAL] TRA-2021-14/CVE-2021-20095 status	MISC	lists.debian.org
[SECURITY] [DLA 2790-1] python-babel security update	MLIST	lists.debian.org
Python-Babel/Babel Locale Directory Traversal / Arbitrary Code Execution - Research Advisory | Tenable®	MISC	www.tenable.com
Clean locale identifiers before loading from file by akx · Pull Request #782 · python-babel/babel · GitHub	MISC	github.com
Debian -- Security Information -- DSA-5018-1 python-babel	DEBIAN	www.debian.org
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

159463 Oracle Enterprise Linux Security Update for python27:2.7 (ELSA-2021-4151)

159467 Oracle Enterprise Linux Security Update for python38:3.8 and python38-devel:3.8 (ELSA-2021-4162)

159469 Oracle Enterprise Linux Security Update for babel (ELSA-2021-4201)

178841 Debian Security Update for python-babel (DLA 2790-1)

180160 Debian Security Update for python-babel (CVE-2021-42771)

239807 Red Hat Update for babel (RHSA-2021:4201)

239826 Red Hat Update for python27:2.7 (RHSA-2021:4151)

239845 Red Hat Update for python38:3.8 and python38-devel:3.8 (RHSA-2021:4162)

296066 Oracle Solaris 11.4 Support Repository Update (SRU) 40.107.3 Missing (CPUOCT2021)

354849 Amazon Linux Security Advisory for babel : ALAS2-2023-2010

354868 Amazon Linux Security Advisory for python-babel : ALAS-2023-1720

355079 Amazon Linux Security Advisory for babel : AL2012-2023-403

377404 Alibaba Cloud Linux Security Update for babel (ALINUX3-SA-2022:0085)

502233 Alpine Linux Security Update for py3-babel

504327 Alpine Linux Security Update for py3-babel

671318 EulerOS Security Update for babel (EulerOS-SA-2022-1199)

671332 EulerOS Security Update for babel (EulerOS-SA-2022-1218)

751471 OpenSUSE Security Update for python-Babel (openSUSE-SU-2021:3945-1)

751519 OpenSUSE Security Update for python-Babel (openSUSE-SU-2021:1553-1)

752670 SUSE Enterprise Linux Security Update for python-Babel (SUSE-SU-2022:3590-1)

900368 Common Base Linux Mariner (CBL-Mariner) Security Update for babel (6032)

901773 Common Base Linux Mariner (CBL-Mariner) Security Update for babel (6325-1)

940077 AlmaLinux Security Update for babel (ALSA-2021:4201)

940522 AlmaLinux Security Update for python27:2.7 (ALSA-2021:4151)

940526 AlmaLinux Security Update for python38:3.8 and python38-devel:3.8 (ALSA-2021:4162)

960320 Rocky Linux Security Update for python27:2.7 (RLSA-2021:4151)

960325 Rocky Linux Security Update for babel (RLSA-2021:4201)

960342 Rocky Linux Security Update for python38:3.8 and python38-devel:3.8 (RLSA-2021:4162)

980255 Python (pip) Security Update for babel (GHSA-h4m5-qpfp-3mpv)