CVE-2019-16729

Published on: 09/24/2019 12:00:00 AM UTC

Last Modified on: 02/27/2023 04:30:00 PM UTC

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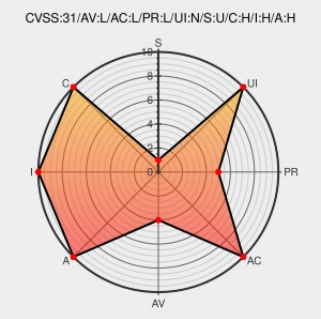
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

pam-python before 1.0.7-1 has an issue in regard to the default environment variable handling of Python, which could allow for local root escalation in certain PAM setups.

CVE-2019-16729 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.8 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 7.2 - HIGH

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Debian Package Tracker	Mailing List, Third Party Advisory, tracker.debian.org, text/html	MISC tracker.debian.org/news/1066790/accepted-pam-python-107-1-source-amd64-all-into-unstable/

Bug 1150510 – AUDIT-TRACKER: pam-python: review pam module that is not yet whitelisted in rpmlint	Issue Tracking Third Party Advisory bugzilla.suse.com text/html	MISC bugzilla.suse.com/show_bug.cgi?id=1150510#c1
USN-4552-2: Pam-python vulnerability | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4552-2
[SECURITY] [DLA 2000-1] pam-python security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20191123 [SECURITY] [DLA 2000-1] pam-python security update
USN-4552-1: Pam-python vulnerability | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4552-1
Debian -- Security Information -- DSA-4555-1 pam-python	www.debian.org Depreciated Link text/html	DEBIAN DSA-4555
pam-python / Code / Commit [0247ab]	Patch Third Party Advisory sourceforge.net text/html	MISC sourceforge.net/p/pam-python/code/ci/0247ab687b4347cc52859ca461fb0126dd7e2ebe/

Related QID Numbers

198301 Ubuntu Security Notification for Pam-python Vulnerability (USN-4552-2)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Pam-python Project	Pam-python	All	All	All	All
Application	Pam-python Project	Pam-python	All	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:esm:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:*:

cpe:2.3:o:debian:debian_linux:10.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:*

cpe:2.3:a:pam-python_project:pam-python:*:*:*:*:*:*:*:*

cpe:2.3:a:pam-python_project:pam-python:*:*:*:*:*:*:*:*

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→