



CVE-2019-15796

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

Summary

CVE	CVE-2019-15796
State	PUBLIC
Assigner	security@ubuntu.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-03-26 13:15:00 UTC
Updated	2020-10-19 19:38:00 UTC
Description	Python-apt doesn't check if hashes are signed in `Version.fetch_binary()` and `Version.fetch_source()` of apt/package.py or

Risk And Classification

Problem Types: CWE-347

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Application	Debian	Python-apt	1.8.4	All	All	All
Application	Debian	Python-apt	1.8.4	All	All	All
Application	Ubuntu	Python-apt	0.8.0	ubuntu9	All	All
Application	Ubuntu	Python-apt	0.8.1	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu1	All	All

Application	Ubuntu	Python-apt	0.8.3	ubuntu2	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu3	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu4	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu5	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu6	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu7	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu7.1	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu7.2	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu7.3	All	All
Application	Ubuntu	Python-apt	0.8.9.1	All	All	All
Application	Ubuntu	Python-apt	0.8.9.1	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.9.0	All	All	All
Application	Ubuntu	Python-apt	0.9.1	All	All	All
Application	Ubuntu	Python-apt	0.9.1	build1	All	All
Application	Ubuntu	Python-apt	0.9.1	build2	All	All
Application	Ubuntu	Python-apt	0.9.1	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.9.3.1	All	All	All
Application	Ubuntu	Python-apt	0.9.3.2	All	All	All
Application	Ubuntu	Python-apt	0.9.3.2	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.9.3.2	ubuntu2	All	All
Application	Ubuntu	Python-apt	0.9.3.3	All	All	All
Application	Ubuntu	Python-apt	0.9.3.3	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.9.3.4	All	All	All
Application	Ubuntu	Python-apt	0.9.3.4	build1	All	All
Application	Ubuntu	Python-apt	0.9.3.5	All	All	All
Application	Ubuntu	Python-apt	0.9.3.5	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.9.3.5	ubuntu2	All	All
Application	Ubuntu	Python-apt	0.9.3.5	ubuntu3	All	All
Application	Ubuntu	Python-apt	1.0.1	build1	All	All
Application	Ubuntu	Python-apt	1.0.1	ubuntu1	All	All
Application	Ubuntu	Python-apt	1.0.1	ubuntu2	All	All
Application	Ubuntu	Python-apt	1.1.0	beta1	All	All
Application	Ubuntu	Python-apt	1.1.0	beta1build1	All	All
Application	Ubuntu	Python-apt	1.1.0	beta1ubuntu0.16.04.1	All	All
Application	Ubuntu	Python-apt	1.1.0	beta1ubuntu0.16.04.2	All	All

Application	Ubuntu	Python-apt	1.1.0	beta1ubuntu0.16.04.3	All	All
Application	Ubuntu	Python-apt	1.1.0	beta1ubuntu0.16.04.4	All	All
Application	Ubuntu	Python-apt	1.1.0	beta1ubuntu0.16.04.5	All	All
Application	Ubuntu	Python-apt	1.4.0	All	All	All
Application	Ubuntu	Python-apt	1.4.0	beta3build2	All	All
Application	Ubuntu	Python-apt	1.4.0	beta3ubuntu1	All	All
Application	Ubuntu	Python-apt	1.6.0	All	All	All
Application	Ubuntu	Python-apt	1.6.0	rc1	All	All
Application	Ubuntu	Python-apt	1.6.0	rc2ubuntu1	All	All
Application	Ubuntu	Python-apt	1.6.0	rc2ubuntu2	All	All
Application	Ubuntu	Python-apt	1.6.0	rc3	All	All
Application	Ubuntu	Python-apt	1.6.1	All	All	All
Application	Ubuntu	Python-apt	1.6.2	All	All	All
Application	Ubuntu	Python-apt	1.6.3	All	All	All
Application	Ubuntu	Python-apt	1.6.3	ubuntu1	All	All
Application	Ubuntu	Python-apt	1.6.4	All	All	All
Application	Ubuntu	Python-apt	1.7.0	All	All	All
Application	Ubuntu	Python-apt	1.8.0	All	All	All
Application	Ubuntu	Python-apt	1.8.0	alpha0~ubuntu1	All	All
Application	Ubuntu	Python-apt	1.8.0	alpha0~ubuntu2	All	All
Application	Ubuntu	Python-apt	1.8.0	alpha0~ubuntu1	All	All
Application	Ubuntu	Python-apt	1.8.0	alpha0~ubuntu2	All	All
Application	Ubuntu	Python-apt	1.8.1	All	All	All
Application	Ubuntu	Python-apt	1.8.2	All	All	All
Application	Ubuntu	Python-apt	1.8.3	All	All	All
Application	Ubuntu	Python-apt	1.8.4	All	All	All
Application	Ubuntu	Python-apt	1.9.0	alpha0~ubuntu1	All	All
Application	Ubuntu	Python-apt	1.9.0	alpha0~ubuntu2	All	All
Application	Ubuntu	Python-apt	1.9.0	alpha0~ubuntu1	All	All
Application	Ubuntu	Python-apt	1.9.0	alpha0~ubuntu2	All	All
Application	Ubuntu	Python-apt	1.9.0	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.8.0	ubuntu9	All	All
Application	Ubuntu	Python-apt	0.8.1	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu2	All	All

Application	Ubuntu	Python-apt	0.8.3	ubuntu3	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu4	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu5	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu6	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu7	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu7.1	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu7.2	All	All
Application	Ubuntu	Python-apt	0.8.3	ubuntu7.3	All	All
Application	Ubuntu	Python-apt	0.8.9.1	All	All	All
Application	Ubuntu	Python-apt	0.8.9.1	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.9.0	All	All	All
Application	Ubuntu	Python-apt	0.9.1	All	All	All
Application	Ubuntu	Python-apt	0.9.1	build1	All	All
Application	Ubuntu	Python-apt	0.9.1	build2	All	All
Application	Ubuntu	Python-apt	0.9.1	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.9.3.1	All	All	All
Application	Ubuntu	Python-apt	0.9.3.2	All	All	All
Application	Ubuntu	Python-apt	0.9.3.2	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.9.3.2	ubuntu2	All	All
Application	Ubuntu	Python-apt	0.9.3.3	All	All	All
Application	Ubuntu	Python-apt	0.9.3.3	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.9.3.4	All	All	All
Application	Ubuntu	Python-apt	0.9.3.4	build1	All	All
Application	Ubuntu	Python-apt	0.9.3.5	All	All	All
Application	Ubuntu	Python-apt	0.9.3.5	ubuntu1	All	All
Application	Ubuntu	Python-apt	0.9.3.5	ubuntu2	All	All
Application	Ubuntu	Python-apt	0.9.3.5	ubuntu3	All	All
Application	Ubuntu	Python-apt	1.0.1	build1	All	All
Application	Ubuntu	Python-apt	1.0.1	ubuntu1	All	All
Application	Ubuntu	Python-apt	1.0.1	ubuntu2	All	All
Application	Ubuntu	Python-apt	1.1.0	beta1	All	All
Application	Ubuntu	Python-apt	1.1.0	beta1build1	All	All
Application	Ubuntu	Python-apt	1.1.0	beta1ubuntu0.16.04.1	All	All
Application	Ubuntu	Python-apt	1.1.0	beta1ubuntu0.16.04.2	All	All
Application	Ubuntu	Python-apt	1.1.0	beta1ubuntu0.16.04.3	All	All
Application	Ubuntu	Python-apt	1.1.0	beta1ubuntu0.16.04.4	All	All

Application	Ubuntu	Python-apt	1.1.0	beta1ubuntu0.16.04.5	All	All
Application	Ubuntu	Python-apt	1.4.0	All	All	All
Application	Ubuntu	Python-apt	1.4.0	beta3build2	All	All
Application	Ubuntu	Python-apt	1.4.0	beta3ubuntu1	All	All
Application	Ubuntu	Python-apt	1.6.0	All	All	All
Application	Ubuntu	Python-apt	1.6.0	rc1	All	All
Application	Ubuntu	Python-apt	1.6.0	rc2ubuntu1	All	All
Application	Ubuntu	Python-apt	1.6.0	rc2ubuntu2	All	All
Application	Ubuntu	Python-apt	1.6.0	rc3	All	All
Application	Ubuntu	Python-apt	1.6.1	All	All	All
Application	Ubuntu	Python-apt	1.6.2	All	All	All
Application	Ubuntu	Python-apt	1.6.3	All	All	All
Application	Ubuntu	Python-apt	1.6.3	ubuntu1	All	All
Application	Ubuntu	Python-apt	1.6.4	All	All	All
Application	Ubuntu	Python-apt	1.7.0	All	All	All
Application	Ubuntu	Python-apt	1.8.0	All	All	All
Application	Ubuntu	Python-apt	1.8.0	alpha0~ubuntu1	All	All
Application	Ubuntu	Python-apt	1.8.0	alpha0~ubuntu2	All	All
Application	Ubuntu	Python-apt	1.8.1	All	All	All
Application	Ubuntu	Python-apt	1.8.2	All	All	All
Application	Ubuntu	Python-apt	1.8.3	All	All	All
Application	Ubuntu	Python-apt	1.8.4	All	All	All
Application	Ubuntu	Python-apt	1.9.0	alpha0~ubuntu1	All	All
Application	Ubuntu	Python-apt	1.9.0	alpha0~ubuntu2	All	All
Application	Ubuntu	Python-apt	1.9.0	ubuntu1	All	All

References

Reference	Source	Link	Tags
USN-4247-1: python-apt vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Patch, Third Party Advisory
USN-4247-3: python-apt vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Patch, Third Party Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

LEGACY: Julian Andres Klode

There are currently no legacy QID mappings associated with this CVE.

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