



CVE-2018-1000030

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Summary

CVE	CVE-2018-1000030
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-02-08 17:29:00 UTC
Updated	2020-08-24 17:37:00 UTC
Description	Python 2.7.14 is vulnerable to a Heap-Buffer-Overflow as well as a Heap-Use-After-Free. Python versions prior to 2.7.14 m

Risk And Classification

Problem Types: CWE-787 | CWE-416

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	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
Application	Python	Python	All	All	All	All

References

Reference	Source	Link
Issue 31530: CVE-2018-1000030: Python 2.7 readahead feature of file objects is not thread safe - Python tracker	CONFIRM	bugs.python
Dropbox - Python Bug - Simplify your life	MISC	www.dropbo
USN-3817-1: Python vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.c
Python: Buffer overflow (GLSA 201811-02) — Gentoo security	GENTOO	security.gent
USN-3817-2: Python vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.c

Oracle Critical Patch Update Advisory - January 2020	MISC	www.oracle.com
Python Use-After-Free Description.pdf - Google Drive	MISC	drive.google.com
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

[296091](#) Oracle Solaris 11.4 Support Repository Update (SRU) 6.1.4 Missing (CPUJAN2019)

[710251](#) Gentoo Linux Python Buffer overflow Vulnerability (GLSA 201811-02)

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