



CVE-2018-20406

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

Summary

CVE	CVE-2018-20406
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-12-23 23:29:00 UTC
Updated	2023-11-07 02:56:00 UTC
Description	Modules/_pickle.c in Python before 3.7.1 has an integer overflow via a large LONG_BININPUT value that is mishandled durin

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Fedoraproject	Fedora	28	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	28	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Application	Python	Python	All	All	All	All
Application	Python	Python	All	All	All	All

References

Reference	Source	Link
[SECURITY] [DLA 2280-1] python3.5 security update	MLIST	lists.debian.org
[SECURITY] Fedora 28 Update: python35-3.5.7-1.fc28 - package-announce - Fedora Mailing-Lists		lists.fedoraproj
Issue 34656: [CVE-2018-20406] memory exhaustion in Modules/_pickle.c:1393 - Python tracker	MISC	bugs.python.or
[SECURITY] [DLA 1663-1] python3.4 security update	MLIST	lists.debian.org

[SECURITY] Fedora 29 Update: python34-3.4.10-1.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproj
USN-4127-1: Python vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.cor
[SECURITY] Fedora 30 Update: python35-3.5.7-1.fc30 - package-announce - Fedora Mailing-Lists		lists.fedoraproj
[security-announce] openSUSE-SU-2020:0086-1: important: Security update	SUSE	lists.opensuse.
USN-4127-2: Python vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.cor
[SECURITY] Fedora 28 Update: python34-3.4.10-1.fc28 - package-announce - Fedora Mailing-Lists		lists.fedoraproj
[SECURITY] Fedora 28 Update: python34-3.4.10-1.fc28 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproj
[SECURITY] Fedora 30 Update: python35-3.5.7-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproj
[SECURITY] Fedora 28 Update: python35-3.5.7-1.fc28 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproj
[SECURITY] Fedora 30 Update: python34-3.4.10-1.fc30 - package-announce - Fedora Mailing-Lists		lists.fedoraproj
closes bpo-34656: Avoid relying on signed overflow in _pickle memos. ... · python/cpython@a4ae828 · GitHub	MISC	github.com
[SECURITY] Fedora 29 Update: python34-3.4.10-1.fc29 - package-announce - Fedora Mailing-Lists		lists.fedoraproj
[SECURITY] Fedora 30 Update: python34-3.4.10-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproj
[SECURITY] Fedora 29 Update: python35-3.5.7-1.fc29 - package-announce - Fedora Mailing-Lists		lists.fedoraproj
Red Hat Customer Portal	REDHAT	access.redhat.
CVE-2018-20406 Python Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp
[SECURITY] Fedora 29 Update: python35-3.5.7-1.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproj
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

[296081](#) Oracle Solaris 11.4 Support Repository Update (SRU) 12.5.0 Missing (CPUJUL2019)

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