



CVE-2018-14647

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

Summary

CVE	CVE-2018-14647
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-09-25 00:29:00 UTC
Updated	2023-11-07 02:53:00 UTC
Description	Python's elementtree C accelerator failed to initialise Expat's hash salt during initialization. This could make it easy to conduct

Risk And Classification

Problem Types: CWE-909

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
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Application	Python	Python	3.7.0	All	All	All

Application	Python	Python	3.7.0	All	All	All
Application	Python	Python	All	All	All	All
Application	Python	Python	All	All	All	All
Application	Python	Python	All	All	All	All
Application	Python	Python	All	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 30 Update: python2-2.7.16-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	li
Debian -- Security Information -- DSA-4306-1 python2.7	DEBIAN	v
Pony Mail!		li
[SECURITY] Fedora 30 Update: python2-2.7.16-1.fc30 - package-announce - Fedora Mailing-Lists		li
Pony Mail!	MLIST	li
[security-announce] openSUSE-SU-2020:0086-1: important: Security update	SUSE	li
Red Hat Customer Portal	REDHAT	e
USN-3817-1: Python vulnerabilities Ubuntu security notices	UBUNTU	u
[SECURITY] [DLA 1835-1] python3.4 security update	MLIST	li
1631822 – (CVE-2018-14647) CVE-2018-14647 python: Missing salt initialization in _elementtree.c module	CONFIRM	t
Debian -- Security Information -- DSA-4307-1 python3.5	DEBIAN	v
USN-3817-2: Python vulnerabilities Ubuntu security notices	UBUNTU	u
[SECURITY] [DLA 1834-1] python2.7 security update	MLIST	li
Python CVE-2018-14647 Remote Denial of Service Vulnerability	BID	v
Red Hat Customer Portal	REDHAT	e
Issue 34623: _elementtree.c doesn't call XML_SetHashSalt() - Python tracker	MISC	t
Python elementtree C Accelerator Lets Remote Users Consume Excessive CPU and Memory Resources - SecurityTracker	SECTRACK	v
Red Hat Customer Portal	REDHAT	e
CVE Program record	CVE.ORG	v
NVD vulnerability detail	NVD	r

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)

[377306](#) Alibaba Cloud Linux Security Update for python (ALINUX2-SA-2019:0094)

[500584](#) Alpine Linux Security Update for python2

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