



CVE-2019-9636

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

Summary

CVE	CVE-2019-9636
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-03-08 21:29:00 UTC
Updated	2023-11-07 03:13:00 UTC
Description	Python 2.7.x through 2.7.16 and 3.x through 3.7.2 is affected by: Improper Handling of Unicode Encoding (with an incorrect

Risk And Classification

Problem Types: NVD-CWE-noinfo

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	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	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	31	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	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	42.3	All	All	All

Operating System	Opensuse	Leap	15.0	All	All	All
Application	Oracle	Sun Zfs Storage Appliance Kit	8.8.6	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	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.5	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.4	All	All	All
Operating System	Redhat	Enterprise Linux	7.5	All	All	All
Operating System	Redhat	Enterprise Linux	7.6	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.5	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.4	All	All	All
Operating System	Redhat	Enterprise Linux	7.5	All	All	All
Operating System	Redhat	Enterprise Linux	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	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 Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.1	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.6	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	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 Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	5.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All

Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	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
Application	Redhat	Openshift Container Platform	3.11	All	All	All
Application	Redhat	Virtualization	4.0	All	All	All

References

Reference	Source
[SECURITY] Fedora 29 Update: python35-3.5.8-2.fc29 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 28 Update: python3-3.6.8-3.fc28 - package-announce - Fedora Mailing-Lists	
[SECURITY] [DLA 2280-1] python3.5 security update	MLIS
Python CVE-2019-9636 Information Disclosure Vulnerability	BID
Red Hat Customer Portal	RED
[SECURITY] Fedora 29 Update: python36-3.6.9-1.fc29 - package-announce - Fedora Mailing-Lists	FEDC
[SECURITY] Fedora 28 Update: python35-3.5.7-1.fc28 - package-announce - Fedora Mailing-Lists	
Red Hat Customer Portal	RED
Red Hat Customer Portal	RED
[security-announce] openSUSE-SU-2019:1273-1: important: Security update	SUS
Issue 36216: CVE-2019-9636: urlsplit does not handle NFKC normalization - Python tracker	MISC
[SECURITY] Fedora 30 Update: python35-3.5.8-2.fc30 - package-announce - Fedora Mailing-Lists	
CVE-2019-9636 Python Vulnerability in NetApp Products NetApp Product Security	CON
[SECURITY] Fedora 29 Update: python34-3.4.10-1.fc29 - package-announce - Fedora Mailing-Lists	FEDC
[SECURITY] Fedora 29 Update: python3-3.7.4-1.fc29 - package-announce - Fedora Mailing-Lists	FEDC
[SECURITY] Fedora 30 Update: python3-3.7.2-8.fc30 - package-announce - Fedora Mailing-Lists	FEDC
USN-4127-1: Python vulnerabilities Ubuntu security notices Ubuntu	UBU
Red Hat Customer Portal	RED
[SECURITY] Fedora 30 Update: python35-3.5.8-2.fc30 - package-announce - Fedora Mailing-Lists	FEDC
[SECURITY] Fedora 29 Update: python3-3.7.3-3.fc29 - package-announce - Fedora Mailing-Lists	
Red Hat Customer Portal	RED

[SECURITY] Fedora 31 Update: python35-3.5.8-2.fc31 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 30 Update: python3-3.7.3-3.fc30 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 30 Update: python35-3.5.7-1.fc30 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 28 Update: python3-3.6.8-3.fc28 - package-announce - Fedora Mailing-Lists	FEDO
Python: Multiple vulnerabilities (GLSA 202003-26) — Gentoo security	GEN
[security-announce] openSUSE-SU-2020:0086-1: important: Security update	SUS
[security-announce] openSUSE-SU-2019:1580-1: important: Security update	SUS
[security-announce] openSUSE-SU-2019:1371-1: important: Security update	SUS
urlsplit does not handle NFKC normalization — Python Security 0.0 documentation	MISC
[SECURITY] Fedora 29 Update: python3-3.7.2-5.fc29 - package-announce - Fedora Mailing-Lists	
USN-4127-2: Python vulnerabilities Ubuntu security notices Ubuntu	UBU
[SECURITY] Fedora 28 Update: python34-3.4.10-1.fc28 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 29 Update: python3-3.7.4-1.fc29 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 30 Update: python34-3.4.10-3.fc30 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 29 Update: python36-3.6.9-1.fc29 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 28 Update: python34-3.4.10-1.fc28 - package-announce - Fedora Mailing-Lists	FEDO
[SECURITY] Fedora 30 Update: python35-3.5.7-1.fc30 - package-announce - Fedora Mailing-Lists	FEDO
[SECURITY] [DLA 1835-1] python3.4 security update	MLIS
[SECURITY] Fedora 28 Update: python35-3.5.7-1.fc28 - package-announce - Fedora Mailing-Lists	FEDO
[SECURITY] Fedora 30 Update: python34-3.4.10-1.fc30 - package-announce - Fedora Mailing-Lists	
Red Hat Customer Portal	RED
[SECURITY] Fedora 30 Update: python36-3.6.9-1.fc30 - package-announce - Fedora Mailing-Lists	
[SECURITY] [DLA 1834-1] python2.7 security update	MLIS
Red Hat Customer Portal	RED
[SECURITY] Fedora 29 Update: python3-3.7.2-5.fc29 - package-announce - Fedora Mailing-Lists	FEDO
[SECURITY] Fedora 29 Update: python34-3.4.10-1.fc29 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 30 Update: python34-3.4.10-1.fc30 - package-announce - Fedora Mailing-Lists	FEDO
Red Hat Customer Portal	RED
[security-announce] openSUSE-SU-2019:1282-1: important: Security update	SUS
[SECURITY] Fedora 29 Update: python35-3.5.7-1.fc29 - package-announce - Fedora Mailing-Lists	
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[SECURITY] Fedora 30 Update: python3-3.7.2-8.fc30 - package-announce - Fedora Mailing-Lists	
bpo-36216: Add check for characters in netloc that normalize to separators by zooba · Pull Request #12201 · python/cpython · GitHub	MISC
[SECURITY] Fedora 29 Update: python3-3.7.3-3.fc29 - package-announce - Fedora Mailing-Lists	FEDO
[SECURITY] Fedora 31 Update: python35-3.5.8-2.fc31 - package-announce - Fedora Mailing-Lists	FEDO

Oracle Critical Patch Update Advisory - January 2020	MISC
[SECURITY] Fedora 30 Update: python3-3.7.4-1.fc30 - package-announce - Fedora Mailing-Lists	FEDC
[SECURITY] Fedora 29 Update: python34-3.4.10-3.fc29 - package-announce - Fedora Mailing-Lists	
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Red Hat Customer Portal	RED
Red Hat Customer Portal	RED
Oracle Critical Patch Update Advisory - July 2022	N/A
[SECURITY] Fedora 30 Update: python36-3.6.9-1.fc30 - package-announce - Fedora Mailing-Lists	FEDC
[SECURITY] Fedora 30 Update: python3-3.7.4-1.fc30 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 29 Update: python35-3.5.7-1.fc29 - package-announce - Fedora Mailing-Lists	FEDC
[SECURITY] [DLA 2337-1] python2.7 security update	MLIS
[SECURITY] Fedora 29 Update: python34-3.4.10-3.fc29 - package-announce - Fedora Mailing-Lists	FEDC
Red Hat Customer Portal	RED
[SECURITY] Fedora 30 Update: python3-3.7.3-3.fc30 - package-announce - Fedora Mailing-Lists	FEDC
CVE Program record	CVE
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[296075](#) Oracle Solaris 11.4 Support Repository Update (SRU) 21.69.0 Missing (CPUAPR2020)

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

[296088](#) Oracle Solaris 11.4 Support Repository Update (SRU) 9.1.5 Missing (CPUAPR2019)

[376060](#) F5 BIG-IP Application Security Manager (ASM), Access Policy Manager (APM), Local Traffic Manager (LTM) Python Vulnerability (K57542514)

[376061](#) F5 BIG-IP Local Traffic Manager (LTM), Access Policy Manager (APM), Application Security Manager (ASM) Python Vulnerability (K57542514)

[377024](#) Alibaba Cloud Linux Security Update for python (ALINUX2-SA-2019:0020)

[377387](#) Alibaba Cloud Linux Security Update for python3 (ALINUX3-SA-2021:0080)

[378198](#) Virtuozzo Linux Security Update for python-test (VZLSA-2019:1467)

[500585](#) Alpine Linux Security Update for python2

[940561](#) AlmaLinux Security Update for python27:2.7 (ALSA-2019:0981)

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