



CVE-2018-1061

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

Summary

CVE	CVE-2018-1061
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-06-19 12:29:00 UTC
Updated	2023-11-07 02:55:00 UTC
Description	python before versions 2.7.15, 3.4.9, 3.5.6rc1, 3.6.5rc1 and 3.7.0 is vulnerable to catastrophic backtracking in the difflib.IS

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	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	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	Fedora	project	Fedora	30	All	All	All
Application	Python		Python	All	All	All	All
Application	Python		Python	3.7.0	alpha1	All	All
Application	Python		Python	3.7.0	alpha2	All	All
Application	Python		Python	3.7.0	alpha3	All	All
Application	Python		Python	3.7.0	alpha4	All	All
Application	Python		Python	3.7.0	beta1	All	All
Application	Python		Python	3.7.0	beta2	All	All
Application	Python		Python	3.7.0	beta3	All	All
Application	Python		Python	3.7.0	beta4	All	All
Application	Python		Python	3.7.0	beta5	All	All
Application	Python		Python	3.7.0	rc1	All	All
Application	Python		Python	All	All	All	All
Application	Python		Python	3.7.0	alpha1	All	All
Application	Python		Python	3.7.0	alpha2	All	All
Application	Python		Python	3.7.0	alpha3	All	All
Application	Python		Python	3.7.0	alpha4	All	All
Application	Python		Python	3.7.0	beta1	All	All
Application	Python		Python	3.7.0	beta2	All	All
Application	Python		Python	3.7.0	beta3	All	All
Application	Python		Python	3.7.0	beta4	All	All
Application	Python		Python	3.7.0	beta5	All	All
Application	Python		Python	3.7.0	rc1	All	All
Application	Python		Python	All	All	All	All
Application	Python		Python	All	All	All	All
Application	Redhat		Ansible Tower	3.3	All	All	All
Application	Redhat		Ansible Tower	3.3	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
Changelog — Python 3.5.6 documentation	CO
Red Hat Customer Portal	RI
Python Backtracking Errors Let Remote Authenticated Users Cause the Target System to Crash - SecurityTracker	SE
[SECURITY] [DLA 1520-1] python3.4 security update	MI
Debian -- Security Information -- DSA-4306-1 python2.7	DI
[SECURITY] Fedora 28 Update: python35-3.5.7-1.fc28 - package-announce - Fedora Mailing-Lists	
Issue 32981: Catastrophic backtracking in poplib (CVE-2018-1060) and difflib (CVE-2018-1061) - Python tracker	CO
[SECURITY] Fedora 30 Update: python35-3.5.7-1.fc30 - package-announce - Fedora Mailing-Lists	
[security-announce] openSUSE-SU-2020:0086-1: important: Security update	SU
Red Hat Customer Portal	RI
Changelog — Python 3.6.8 documentation	CO
USN-3817-1: Python vulnerabilities Ubuntu security notices	UF
[SECURITY] Fedora 30 Update: python35-3.5.7-1.fc30 - package-announce - Fedora Mailing-Lists	FE
[SECURITY] Fedora 28 Update: python35-3.5.7-1.fc28 - package-announce - Fedora Mailing-Lists	FE
Debian -- Security Information -- DSA-4307-1 python3.5	DI
USN-3817-2: Python vulnerabilities Ubuntu security notices	UF
1549192 – (CVE-2018-1061) CVE-2018-1061 python: DOS via regular expression backtracking in difflib.IS_LINE_JUNK method in difflib	CO
[SECURITY] [DLA 1519-1] python2.7 security update	MI
[SECURITY] Fedora 29 Update: python35-3.5.7-1.fc29 - package-announce - Fedora Mailing-Lists	
Red Hat Customer Portal	RI
Red Hat Customer Portal	RI
Document Display HPE Support Center	CO
Red Hat Customer Portal	RI
[SECURITY] Fedora 29 Update: python35-3.5.7-1.fc29 - package-announce - Fedora Mailing-Lists	FE
CVE Program record	CV
NVD vulnerability detail	NV

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

500582 Alpine Linux Security Update for python2

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