



CVE-2013-4238

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

Summary

CVE	CVE-2013-4238
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-08-18 02:52:00 UTC
Updated	2019-10-25 11:53:00 UTC
Description	The ssl.match_hostname function in the SSL module in Python 2.6 through 3.4 does not properly handle a '\0' character in :

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	10.04	-	Its	All
Operating System	Canonical	Ubuntu Linux	10.04	-	Its	All
Operating System	Opensuse	Opensuse	11.4	All	All	All
Operating System	Opensuse	Opensuse	12.2	All	All	All
Operating System	Opensuse	Opensuse	12.3	All	All	All
Operating System	Opensuse	Opensuse	11.4	All	All	All
Operating System	Opensuse	Opensuse	12.2	All	All	All
Operating System	Opensuse	Opensuse	12.3	All	All	All
Application	Python	Python	2.6.1	All	All	All
Application	Python	Python	2.6.2	All	All	All
Application	Python	Python	2.6.2150	All	All	All
Application	Python	Python	2.6.3	All	All	All
Application	Python	Python	2.6.4	All	All	All
Application	Python	Python	2.6.5	All	All	All
Application	Python	Python	2.6.6	All	All	All
Application	Python	Python	2.6.6150	All	All	All
Application	Python	Python	2.6.7	All	All	All

Application	Python	Python	2.6.8	All	All	All
Application	Python	Python	2.7.1	All	All	All
Application	Python	Python	2.7.1	rc1	All	All
Application	Python	Python	2.7.1150	All	All	All
Application	Python	Python	2.7.1150	All	All	All
Application	Python	Python	2.7.2	rc1	All	All
Application	Python	Python	2.7.2150	All	All	All
Application	Python	Python	2.7.3	All	All	All
Application	Python	Python	3.0	All	All	All
Application	Python	Python	3.0.1	All	All	All
Application	Python	Python	3.1	All	All	All
Application	Python	Python	3.1.1	All	All	All
Application	Python	Python	3.1.2	All	All	All
Application	Python	Python	3.1.2150	All	All	All
Application	Python	Python	3.1.3	All	All	All
Application	Python	Python	3.1.4	All	All	All
Application	Python	Python	3.1.5	All	All	All
Application	Python	Python	3.2	All	All	All
Application	Python	Python	3.2	alpha	All	All
Application	Python	Python	3.2.2150	All	All	All
Application	Python	Python	3.2.3	All	All	All
Application	Python	Python	3.3	All	All	All
Application	Python	Python	3.3	beta2	All	All
Application	Python	Python	3.4	alpha1	All	All
Application	Python	Python	2.6.1	All	All	All
Application	Python	Python	2.6.2	All	All	All
Application	Python	Python	2.6.2150	All	All	All
Application	Python	Python	2.6.3	All	All	All
Application	Python	Python	2.6.4	All	All	All
Application	Python	Python	2.6.5	All	All	All
Application	Python	Python	2.6.6	All	All	All
Application	Python	Python	2.6.6150	All	All	All
Application	Python	Python	2.6.7	All	All	All
Application	Python	Python	2.6.8	All	All	All
Application	Python	Python	2.7.1	All	All	All

Application	Python	Python	2.7.1	rc1	All	All
Application	Python	Python	2.7.1150	All	All	All
Application	Python	Python	2.7.1150	All	All	All
Application	Python	Python	2.7.2	rc1	All	All
Application	Python	Python	2.7.2150	All	All	All
Application	Python	Python	2.7.3	All	All	All
Application	Python	Python	3.0	All	All	All
Application	Python	Python	3.0.1	All	All	All
Application	Python	Python	3.1	All	All	All
Application	Python	Python	3.1.1	All	All	All
Application	Python	Python	3.1.2	All	All	All
Application	Python	Python	3.1.2150	All	All	All
Application	Python	Python	3.1.3	All	All	All
Application	Python	Python	3.1.4	All	All	All
Application	Python	Python	3.1.5	All	All	All
Application	Python	Python	3.2	All	All	All
Application	Python	Python	3.2	alpha	All	All
Application	Python	Python	3.2.2150	All	All	All
Application	Python	Python	3.2.3	All	All	All
Application	Python	Python	3.3	All	All	All
Application	Python	Python	3.3	beta2	All	All
Application	Python	Python	3.4	alpha1	All	All

References

Reference	Source
Bug 996381 – CVE-2013-4238 python: hostname check bypassing vulnerability in SSL module	CONFIRM
Debian -- Security Information -- DSA-2880-1 python2.7	DEBIAN
openSUSE-SU-2013:1438-1: moderate: update for python	SUSE
VMSA-2014-0012 United States	CONFIRM
Red Hat Customer Portal	REDHAT
[security-announce] openSUSE-SU-2020:0086-1: important: Security update	SUSE
openSUSE-SU-2013:1462-1: moderate: update for python3	SUSE
Full Disclosure: NEW: VMSA-2014-0012 - VMware vSphere product updates address security vulnerabilities	FULLDISC
Issue 18709: SSL module fails to handle NULL bytes inside subjectAltNames general names (CVE-2013-4238) - Python tracker	CONFIRM
openSUSE-SU-2013:1463-1: moderate: update for python	SUSE
openSUSE-SU-2013:1437-1: moderate: update for python3	SUSE

openSUSE-SU-2013:1440-1: moderate: update for python	SUSE
SecurityFocus	BUGTRAC
openSUSE-SU-2013:1439-1: moderate: update for python3	SUSE
USN-1982-1: Python 2.6 vulnerability Ubuntu	UBUNTU
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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