CVE-2014-4616

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Summary

CVE	CVE-2014-4616
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-08-24 20:29:00 UTC
Updated	2022-07-13 15:04:00 UTC
Description	Array index error in the scanstring function in the _json module in Python 2.7 through 3.5 and simplejson before 2.6.1 allow

Risk And Classification

Problem Types: CWE-129

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Opensuse	Opensuse	13.1	All	All	All
Operating System	Opensuse	Opensuse	13.1	All	All	All
Operating System	Opensuse Project	Opensuse	12.3	All	All	All
Operating System	Opensuse Project	Opensuse	12.3	All	All	All
Application	Python	Python	All	All	All	All
Application	Python	Python	2.7.0	All	All	All
Application	Python	Python	2.7.1	All	All	All
Application	Python	Python	2.7.10	All	All	All
Application	Python	Python	2.7.11	All	All	All
Application	Python	Python	2.7.12	All	All	All
Application	Python	Python	2.7.13	All	All	All
Application	Python	Python	2.7.2	All	All	All
Application	Python	Python	2.7.3	All	All	All
Application	Python	Python	2.7.4	All	All	All
Application	Python	Python	2.7.5	All	All	All
Application	Python	Python	2.7.6	All	All	All
Application	Python	Python	2.7.7	All	All	All

Application	Python	Python	2.7.8	All	All	All
Application	Python	Python	2.7.9	All	All	All
Application	Python	Python	3.0.0	All	All	All
Application	Python	Python	3.0.1	All	All	All
Application	Python	Python	3.1.0	All	All	All
Application	Python	Python	3.1.1	All	All	All
Application	Python	Python	3.1.2	All	All	All
Application	Python	Python	3.1.3	All	All	All
Application	Python	Python	3.1.4	All	All	All
Application	Python	Python	3.1.5	All	All	All
Application	Python	Python	3.2.0	All	All	All
Application	Python	Python	3.2.1	All	All	All
Application	Python	Python	3.2.2	All	All	All
Application	Python	Python	3.2.3	All	All	All
Application	Python	Python	3.2.4	All	All	All
Application	Python	Python	3.2.5	All	All	All
Application	Python	Python	3.2.6	All	All	All
Application	Python	Python	3.3.0	All	All	All
Application	Python	Python	3.3.1	All	All	All
Application	Python	Python	3.3.2	All	All	All
Application	Python	Python	3.3.3	All	All	All
Application	Python	Python	3.3.4	All	All	All
Application	Python	Python	3.3.5	All	All	All
Application	Python	Python	3.3.6	All	All	All
Application	Python	Python	3.4.0	All	All	All
Application	Python	Python	3.4.1	All	All	All
Application	Python	Python	3.4.2	All	All	All
Application	Python	Python	3.4.3	All	All	All
Application	Python	Python	3.4.4	All	All	All
Application	Python	Python	3.4.5	All	All	All
Application	Python	Python	3.4.6	All	All	All
Application	Python	Python	3.4.7	All	All	All
Application	Python	Python	3.5.0	All	All	All
Application	Python	Python	2.7.0	All	All	All
Application	Python	Python	2.7.1	All	All	All

Application	Python	Python	2.7.10	All	All	All
Application	Python	Python	2.7.11	All	All	All
Application	Python	Python	2.7.12	All	All	All
Application	Python	Python	2.7.13	All	All	All
Application	Python	Python	2.7.2	All	All	All
Application	Python	Python	2.7.3	All	All	All
Application	Python	Python	2.7.4	All	All	All
Application	Python	Python	2.7.5	All	All	All
Application	Python	Python	2.7.6	All	All	All
Application	Python	Python	2.7.7	All	All	All
Application	Python	Python	2.7.8	All	All	All
Application	Python	Python	2.7.9	All	All	All
Application	Python	Python	3.0.0	All	All	All
Application	Python	Python	3.0.1	All	All	All
Application	Python	Python	3.1.0	All	All	All
Application	Python	Python	3.1.1	All	All	All
Application	Python	Python	3.1.2	All	All	All
Application	Python	Python	3.1.3	All	All	All
Application	Python	Python	3.1.4	All	All	All
Application	Python	Python	3.1.5	All	All	All
Application	Python	Python	3.2.0	All	All	All
Application	Python	Python	3.2.1	All	All	All
Application	Python	Python	3.2.2	All	All	All
Application	Python	Python	3.2.3	All	All	All
Application	Python	Python	3.2.4	All	All	All
Application	Python	Python	3.2.5	All	All	All
Application	Python	Python	3.2.6	All	All	All
Application	Python	Python	3.3.0	All	All	All
Application	Python	Python	3.3.1	All	All	All
Application	Python	Python	3.3.2	All	All	All
Application	Python	Python	3.3.3	All	All	All
Application	Python	Python	3.3.4	All	All	All
Application	Python	Python	3.3.5	All	All	All
Application	Python	Python	3.3.6	All	All	All
Application	Python	Python	3.4.0	All	All	All

Application	Python	Python	3.4.1	All	All	All
Application	Python	Python	3.4.2	All	All	All
Application	Python	Python	3.4.3	All	All	All
Application	Python	Python	3.4.4	All	All	All
Application	Python	Python	3.4.5	All	All	All
Application	Python	Python	3.4.6	All	All	All
Application	Python	Python	3.4.7	All	All	All
Application	Python	Python	3.5.0	All	All	All
Application	Simplejson Project	Simplejson	All	All	All	All
Application	Simplejson Project	Simplejson	All	All	All	All

References

Reference	Source	Link
Gentoo Security	GENTOO	security.ger
openSUSE-SU-2014:0890-1: moderate: python, python3: Fixed JSON module	SUSE	lists.opensu
oss-security - Re: CVE request: python: _json module is vulnerable to arbitrary process memory read	MLIST	openwall.co
Python JSON Module '_json.c' Local Information Disclosure Vulnerability	BID	www.securit
#752395 - python2.7: CVE-2014-4616: JSON module: reading arbitrary process memory - Debian Bug report logs	MISC	bugs.debiar
1112285 – (CVE-2014-4616) CVE-2014-4616 python: missing boundary check in JSON module	CONFIRM	bugzilla.redl
#12297 Python vulnerability: reading arbitrary process memory - HackerOne	MISC	hackerone.c
Red Hat Customer Portal	REDHAT	rhn.redhat.c
Issue 21529: JSON module: reading arbitrary process memory - Python tracker	CONFIRM	bugs.pythor
CVE Program record	CVE.ORG	www.cve.or
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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