



CVE-2014-1912

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2014-1912
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-03-01 00:55:05 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Buffer overflow in the socket.recvfrom_into function in Modules/socketmodule.c in Python 2.5 before 2.7.7, 3.x before 3.3.4

Risk And Classification

Primary CVSS: v2.0 7.5 from nvd@nist.gov

AV:N/AC:L/Au:N/C:P/I:P/A:P

EPSS: 0.238880000 probability, percentile 0.960400000 (date 2026-04-30)

Problem Types: CWE-119 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
------	--------	---------	---------	--------	---------	----------

Operating System	Apple	Mac Os X	All	All	All	All
Application	Python	Python	2.5.1	All	All	All
Application	Python	Python	2.5.150	All	All	All
Application	Python	Python	2.5.2	All	All	All
Application	Python	Python	2.5.3	All	All	All
Application	Python	Python	2.5.4	All	All	All
Application	Python	Python	2.5.6	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	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	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	3.1.3	All	All	All
Application	Python	Python	3.2	All	All	All
Application	Python	Python	3.2	alpha	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	3.2.2150	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	3.3	All	All	All
Application	Python	Python	3.3	beta2	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	3.4	alpha1	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
Debian -- Security Information -- DSA-2880-1 python2.7	af854a3a-2127-422b-91ae-3
oss-security - Re: CVE request? buffer overflow in socket.recvfrom_into	af854a3a-2127-422b-91ae-3
Python Remote Code Execution in socket.recvfrom_into()	af854a3a-2127-422b-91ae-3
Gentoo Security	af854a3a-2127-422b-91ae-3
APPLE-SA-2015-08-13-2 OS X Yosemite v10.10.5 and Security Update 2015-006	af854a3a-2127-422b-91ae-3
cpython: 87673659d8f7	af854a3a-2127-422b-91ae-3
Python 'sock_recvfrom_into()' Function Buffer Overflow Vulnerability	af854a3a-2127-422b-91ae-3
About the security content of OS X Yosemite v10.10.5 and Security Update 2015-006 - Apple Support	af854a3a-2127-422b-91ae-3
USN-2125-1: Python vulnerability Ubuntu	af854a3a-2127-422b-91ae-3
openSUSE-SU-2014:0518-1: moderate: update for python	af854a3a-2127-422b-91ae-3
Issue 20246: buffer overflow in socket.recvfrom_into - Python tracker	af854a3a-2127-422b-91ae-3
pastebin.com/raw.php	af854a3a-2127-422b-91ae-3
Red Hat Customer Portal	af854a3a-2127-422b-91ae-3

Python Buffer Overflow in socket.recvfrom_into() Lets Remote Users Execute Arbitrary Code - SecurityTracker	af854a3a-2127-422b-91ae-3
Oracle Linux Bulletin - January 2016	af854a3a-2127-422b-91ae-3
openSUSE-SU-2014:0597-1: moderate: update for python3	af854a3a-2127-422b-91ae-3
Python socket.recvfrom_into() - Remote Buffer Overflow	af854a3a-2127-422b-91ae-3
Oracle Critical Patch Update - July 2017	af854a3a-2127-422b-91ae-3
Red Hat Customer Portal	af854a3a-2127-422b-91ae-3
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.

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

Free **CVE JSON API** [cve.report/api](#)

CVE.report and Source URL Uptime Status [status.cve.report](#)