

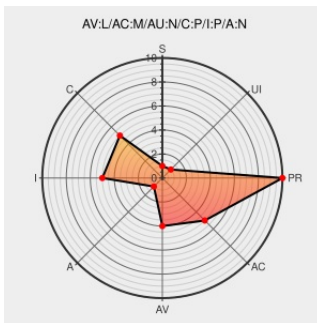


CVE-2014-2667

Published on: 11/15/2014 12:00:00 AM UTC

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CVE-2014-2667

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Python](#) from [Python](#) contain the following vulnerability:

Race condition in the `_get_masked_mode` function in `Lib/os.py` in Python 3.2 through 3.5, when `exist_ok` is set to true and multiple threads are used, might allow local users to bypass intended file permissions by leveraging a separate application vulnerability before the `umask` has been set to the expected value.

CVE-2014-2667 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **3.3 - LOW**

Access Vector

LOCAL

Access Complexity

MEDIUM

Authentication

NONE

Confidentiality Impact

PARTIAL

Integrity Impact

PARTIAL

Availability Impact

NONE

CVE References

Description

Tags

Link

Gentoo Security

security.gentoo.org
text/html

[GENTOO GLSA-201503-10](#)

openSUSE-SU-2014:0597-1: moderate: update for python3

lists.opensuse.org
text/html

[SUSE openSUSE-SU-2014:0597](#)

Issue 21082: `os.makedirs(exist_ok=True)` is not thread-safe: `umask` is set temporary to 0, serious security problem - Python tracker

[Vendor Advisory](#)
bugs.python.org
text/html

[CONFIRM bugs.python.org/issue21082](#)

oss-security - Re: [PSRT] CVE request: `os.makedirs(exist_ok=True)` is not thread-safe in Python

www.openwall.com
text/html

[MLIST \[oss-security\] 20140329 Re: \[PSRT\] CVE request: os.makedirs\(exist_ok=True\) is not thread-safe in Python](#)

[security-announce] openSUSE-SU-2020:0086-1: important:

lists.opensuse.org

[SUSE openSUSE-SU-2020:0086](#)

Security update	text/html	
oss-security - CVE request: os.makedirs(exist_ok=True) is not thread-safe in Python	www.openwall.com text/html	 MLIST [oss-security] 20140328 CVE request: os.makedirs(exist_ok=True) is not thread-safe in Python
openSUSE-SU-2014:0596-1: moderate: update for python3	lists.opensuse.org text/html	 SUSE openSUSE-SU-2014:0596
oss-security - Re: CVE request: os.makedirs(exist_ok=True) is not thread-safe in Python	www.openwall.com text/html	 MLIST [oss-security] 20140330 Re: CVE request: os.makedirs(exist_ok=True) is not thread-safe in Python
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.		

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	3.2.0	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
cpe:2.3:a:python:python:3.2.0:*****:						
cpe:2.3:a:python:python:3.2.1:*****:						
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cpe:2.3:a:python:python:3.3.6:*****:
cpe:2.3:a:python:python:3.4.0:*****:
cpe:2.3:a:python:python:3.4.1:*****:
cpe:2.3:a:python:python:3.4.2:*****:

No vendor comments have been submitted for this CVE

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