



CVE-2002-1119

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CVE-2002-1119

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



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

`os._execvpe` from `os.py` in Python 2.2.1 and earlier creates temporary files with predictable names, which could allow local users to execute arbitrary code via a symlink attack.

CVE-2002-1119 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **4.6 - MEDIUM**

Access
Vector

LOCAL

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

PARTIAL

Integrity
Impact

PARTIAL

Availability
Impact

PARTIAL

CVE References

Description

Tags

Link

Home - Conectiva

[distro.conectiva.com.br](http://distro.conectiva.com.br/text/html)
text/html

CONECTIVA CLA-2002:527

Python os.py Predictable Temporary Filename Command Execution Vulnerability

[Patch](#)
[Vendor Advisory](#)
[cve.report \(archive\)](#)
text/html

BID 5581

Debian -- Security Information -- DSA-159-1 python

[Patch](#)
[Vendor Advisory](#)
www.debian.org
[Deprecated Link](#)
text/html

DEBIAN DSA-159

redhat.com | Red Hat Support

www.redhat.com
text/html

REDHAT RHSA-2002:202

No Description Provided	ftp.caldera.com	 CALDERA CSSA-2002-045.0
	Inactive Link Not Archived	
No Description Provided	www.linux-mandrake.com	 MANDRAKE MDKSA-2002:082
	Inactive Link Not Archived	
'[security@slackware.com: [slackware-security] New CVS packages available]' - MARC	marc.info text/html	 BUGTRAQ 20030123 [OpenPKG-SA-2003.006] OpenPKG Security Advisory (python)
[Python-Dev] Weird error handling in os._execvpe	mail.python.org text/html	 MISC mail.python.org/pipermail/python-dev/2002-August/027229.html
redhat.com Red Hat Support	www.redhat.com text/html	 REDHAT RHSA-2003:048
ISS X-Force Database: python-execvpe-tmpfile-symlink (10009): Python os._execvpe function temporary file symlink attack	Vendor Advisory web.archive.org text/html Inactive Link Not Archived	 XF python-execvpe-tmpfile-symlink(10009)
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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	All	All	All	All
Application	Python Software Foundation	Python	All	All	All	All
cpe:2.3:a:python:python:*****::						
cpe:2.3:a:python_software_foundation:python:*****::						

No vendor comments have been submitted for this CVE

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