CVE-2008-5031

Published on: 11/10/2008 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:25:15 PM UTC

CVE-2008-5031

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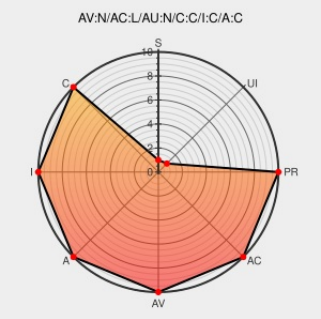

Certain versions of Python from Python contain the following vulnerability:

Multiple integer overflows in Python 2.2.3 through 2.5.1, and 2.6, allow context-dependent attackers to have an unknown impact via a large integer value in the tabsize argument to the expandtabs method, as implemented by (1) the string_expandtabs function in Objects/stringobject.c and (2) the unicode_expandtabs function in Objects/unicodeobject.c. NOTE: this vulnerability reportedly exists because of an incomplete fix for CVE-2008-2315.

CVE-2008-5031 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 10 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	XF python-expandtabs-integer-overflow(46612)
404 Not Found	svn.python.org text/html Inactive Link Not Archived	CONFIRM svn.python.org/view/python/trunk/Objects/stringobject.c?rev=61350&view=diff&r1=61350&r2=61349&p1=python/trunk/Objects/stringobject.c&p2=/pyt
APPLE-SA-2009-02-12 Security Update 2009-001	lists.apple.com text/html	APPLE APPLE-SA-2009-02-12

Gentoo Linux Documentation -- Python: Integer overflows	security.gentoo.org text/html	GENTOO GLSA-200907-16
CESA-2008-008 - rev 1	scary.beasts.org text/html	MISC scary.beasts.org/security/CESA-2008-008.html
404 Not Found	svn.python.org text/html Inactive Link Not Archived	CONFIRM svn.python.org/view?rev=61350&view=rev
oss-security - Re: CVE Request - Python string expandtabs	www.openwall.com text/html	MLIST [oss-security] 20081105 Re: CVE Request - Python string expandtabs
404 Not Found	svn.python.org text/html Inactive Link Not Archived	CONFIRM svn.python.org/view/python/trunk/Objects/unicodeobject.c?rev=61350&view=diff&r1=61350&r2=61349&p1=python/trunk/Objects/unicodeobject.c&p2=/p
SecurityFocus	www.securityfocus.com text/html	BUGTRAQ 20091120 VMSA-2009-0016 VMware vCenter and ESX update release and vl security issue in third party components
Gentoo update for python - Secunia Advisories - Vulnerability Information - Secunia.com	Vendor Advisory web.archive.org text/html	SECUNIA 35750
Webmail : Solution de messagerie professionnelle - OVHcloud-OVH	Vendor Advisory www.vupen.com text/html	VUPEN ADV-2009-3316
oss-security - CVE Request - Python string expandtabs	www.openwall.com text/html	MLIST [oss-security] 20081105 CVE Request - Python string expandtabs
Apple Mac OS X Security Update Fixes Multiple Vulnerabilities - Secunia Advisories - Vulnerability Information - Secunia.com	Vendor Advisory web.archive.org text/html	SECUNIA 33937
VMSA-2009-0016.1	www.vmware.com text/html	CONFIRM www.vmware.com/security/advisories/VMSA-2009-0016.html
Repository / Oval Repository	oval.cisecurity.org text/html	OVAL oval:org.mitre.oval:def:11280
About the security	support.apple.com text/html	CONFIRM support.apple.com/kb/HT3438

content of Security Update 2009-001		
Repository / Oval Repository	oval.cisecurity.org text/html	OVAL oval:org.mitre.oval:def:8564
VMware ESX and vMA Update for Multiple Packages - Secunia Advisories - Vulnerability Information - Secunia.com	Vendor Advisory web.archive.org text/html	SECUNIA 37471

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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	2.2.3	All	All	All
Application	Python	Python	2.3.7	All	All	All
Application	Python	Python	2.4.6	All	All	All
Application	Python	Python	2.5.1	All	All	All
Application	Python	Python	2.2.3	All	All	All
Application	Python	Python	2.3.7	All	All	All
Application	Python	Python	2.4.6	All	All	All
Application	Python	Python	2.5.1	All	All	All

cpe:2.3:a:python:python:2.2.3:*:*:*:*:*:*:*:

cpe:2.3:a:python:python:2.3.7:*:*:*:*:*:*:*:

cpe:2.3:a:python:python:2.4.6:*:*:*:*:*:*:*:

cpe:2.3:a:python:python:2.5.1:*:*:*:*:*:*:*:

cpe:2.3:a:python:python:2.2.3:*:*:*:*:*:*:*:

cpe:2.3:a:python:python:2.3.7:*:*:*:*:*:*:*:

cpe:2.3:a:python:python:2.4.6:*:*:*:*:*:*:*:

cpe:2.3:a:python:python:2.5.1:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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