

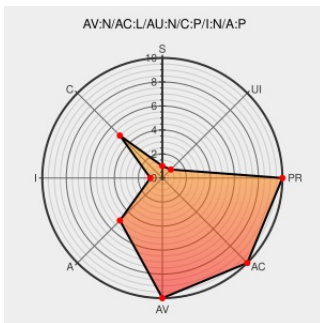


CVE-2011-1521

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CVE-2011-1521

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

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

The urllib and urllib2 modules in Python 2.x before 2.7.2 and 3.x before 3.2.1 process Location headers that specify redirection to file: URLs, which makes it easier for remote attackers to obtain sensitive information or cause a denial of service (resource consumption) via a crafted URL, as demonstrated by the file:///etc/passwd and

file:///dev/zero URLs.

CVE-2011-1521 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **6.4 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	PARTIAL

CVE References

Description	Tags	Link
USN-1592-1: Python 2.7 vulnerabilities Ubuntu	www.ubuntu.com text/html	UBUNTU USN-1592-1
Issue 11662: Redirect vulnerability in urllib/urllib2 - Python tracker	Patch bugs.python.org text/html	CONFIRM bugs.python.org/issue11662
Django Weblog Django 1.2.7 released	www.djangoproject.com text/html	CONFIRM www.djangoproject.com/weblog/2011/sep/10/127/
oss-security - Re: CVE Request -- Django: v1.3.1, v1.2.7 multiple security flaws	openwall.com text/html	MLIST [oss-security] 20110916 Re: CVE Request -- Django: v1.3.1, v1.2.7 multiple security flaws
Security Advisory SA50858 - Ubuntu update for python -	web.archive.org	SECUNIA 50858

Secunia	text/html	
cpython: 96a6c128822b	Patch hg.python.org text/html	 CONFIRM hg.python.org/cpython/rev/96a6c128822b/
[security-announce] SUSE Security Summary Report: SUSE-SR:2011:009	lists.opensuse.org text/html	 SUSE SUSE-SR:2011:009
USN-1596-1: Python 2.6 vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1596-1
USN-1613-2: Python 2.4 vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1613-2
Security Advisory SA51024 - Ubuntu update for python2.5 - Secunia	web.archive.org text/html	 SECUNIA 51024
oss-security - CVE Request -- Django: v1.3.1, v1.2.7 multiple security flaws	openwall.com text/html	 MLIST [oss-security] 20110911 CVE Request -- Django: v1.3.1, v1.2.7 multiple security flaws
Support / Security / Advisories // MDVSA-2011:096 Mandriva	www.mandriva.com text/html	 MANDRIVA MDVSA-2011:096
oss-security - Re: CVE Request -- Python (urllib, urllib2): Improper management of ftp:// and file:// URL schemes	openwall.com text/html	 MLIST [oss-security] 20110328 Re: CVE Request -- Python (urllib, urllib2): Improper management of and file:// URL schemes
cpython: b2934d98dac1	Patch hg.python.org text/html	 CONFIRM hg.python.org/cpython/rev/b2934d98dac1/
APPLE-SA-2011-10-12-3 OS X Lion v10.7.2 and Security Update 2011-006	lists.apple.com text/html	 APPLE APPLE-SA-2011-10-12-3
cpython: 96a6c128822b Misc/NEWS	hg.python.org text/html	 CONFIRM hg.python.org/cpython/file/96a6c128822b/Misc/NEWS
oss-security - Re: CVE Request -- Django: v1.3.1, v1.2.7 multiple security flaws	openwall.com text/html	 MLIST [oss-security] 20110913 Re: CVE Request -- Django: v1.3.1, v1.2.7 multiple security flaws
Bug 737366 – CVE-2011-4136 CVE-2011-4137 CVE-2011-4138 CVE-2011-4139 CVE-2011-4140 Django: v1.3.1, v1.2.7 multiple security flaws	bugzilla.redhat.com text/html	 CONFIRM bugzilla.redhat.com/show_bug.cgi?id=737366
USN-1613-1: Python 2.5 vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1613-1
About the security content of OS X Lion v10.7.2 and Security Update 2011-006	support.apple.com text/html	 CONFIRM support.apple.com/kb/HT5002
Python urllib Redirection Flaw Lets Remote Servers Deny Service and Obtain Files - SecurityTracker	securitytracker.com text/html	 SECTRAK 1025488
oss-security - CVE Request -- Python (urllib, urllib2): Improper management of ftp:// and file:// URL schemes	openwall.com text/html	 MLIST [oss-security] 20110324 CVE Request -- Python (urllib, urllib2): Improper management of and file:// URL schemes
Bug 690560 – CVE-2011-1521 python (urllib, urllib2): Improper management of ftp:// and file:// URL schemes (Issue #11662)	Patch bugzilla.redhat.com text/html	 CONFIRM bugzilla.redhat.com/show_bug.cgi?id=690560
Security Advisory SA51040 - Ubuntu update for python2.4 - Secunia	web.archive.org text/html	 SECUNIA 51040
September 9 Weblog Django	www.djangoproject.com text/html	 CONFIRM www.djangoproject.com/weblog/2011/sep/09/

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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	2.0	All	All	All
Application	Python	Python	2.0.1	All	All	All
Application	Python	Python	2.1	All	All	All
Application	Python	Python	2.1.1	All	All	All
Application	Python	Python	2.1.2	All	All	All
Application	Python	Python	2.1.3	All	All	All
Application	Python	Python	2.2	All	All	All
Application	Python	Python	2.2.1	All	All	All
Application	Python	Python	2.2.2	All	All	All
Application	Python	Python	2.2.3	All	All	All
Application	Python	Python	2.3.1	All	All	All
Application	Python	Python	2.3.2	All	All	All
Application	Python	Python	2.3.3	All	All	All
Application	Python	Python	2.3.4	All	All	All
Application	Python	Python	2.3.5	All	All	All
Application	Python	Python	2.3.7	All	All	All
Application	Python	Python	2.4.1	All	All	All
Application	Python	Python	2.4.2	All	All	All
Application	Python	Python	2.4.3	All	All	All
Application	Python	Python	2.4.4	All	All	All
Application	Python	Python	2.4.6	All	All	All
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Application	Python	Python	2.5.4	All	All	All
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Application	Python	Python	2.6.4	All	All	All

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Application	Python	Python	3.2	All	All	All
Application	Python	Python	3.2	alpha	All	All
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cpe:2.3:a:python:python:3.2.*:*:*:*:
cpe:2.3:a:python:python:3.2:alpha.*:*:*:*:

No vendor comments have been submitted for this CVE

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