



CVE-2008-2316

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2008-2316
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2008-08-01 14:41:00 UTC
Updated	2023-08-02 18:52:00 UTC
Description	Integer overflow in _hashopenssl.c in the hashlib module in Python 2.5.2 and earlier might allow context-dependent attacks

Risk And Classification

Problem Types: CWE-189

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Python	Python	All	All	All	All
Application	Python Software Foundation	Python	1.5.2	All	All	All
Application	Python Software Foundation	Python	1.6.1	All	All	All
Application	Python Software Foundation	Python	2.0.1	All	All	All
Application	Python Software Foundation	Python	2.1.3	All	All	All
Application	Python Software Foundation	Python	2.2.3	All	All	All
Application	Python Software Foundation	Python	2.3.7	All	All	All
Application	Python Software Foundation	Python	2.4.5	All	All	All
Application	Python Software Foundation	Python	2.5.1	All	All	All
Application	Python Software Foundation	Python	2.5.2	All	All	All
Application	Python Software Foundation	Python	1.5.2	All	All	All
Application	Python Software Foundation	Python	1.6.1	All	All	All
Application	Python Software Foundation	Python	2.0.1	All	All	All
Application	Python Software Foundation	Python	2.1.3	All	All	All
Application	Python Software Foundation	Python	2.2.3	All	All	All
Application	Python Software Foundation	Python	2.3.7	All	All	All
Application	Python Software Foundation	Python	2.4.5	All	All	All

Application	Python Software Foundation	Python	2.5.1	All	All	All
Application	Python Software Foundation	Python	2.5.2	All	All	All

References

Reference	Source
The Slackware Linux Project: Slackware Security Advisories	SLACKWARE
rPath update for idle and python - Advisories - Community	SECUNIA
wiki.rpath.com/Advisories:rPSA-2008-0243	CONFIRM
IBM X-Force Exchange	XF
APPLE-SA-2009-02-12 Security Update 2009-001	APPLE
Ubuntu update for python - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA
SUSE update for python - Advisories - Secunia	SECUNIA
Gentoo Linux Documentation -- Python: Multiple vulnerabilities	GENTOO
USN-632-1: Python vulnerabilities Ubuntu	UBUNTU
Slackware update for python - Secunia Advisories - Vulnerability Information - Secunia.com	SECUNIA
SUSE Update for Multiple Packages - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA
[security-announce] SUSE Security Summary Report SUSE-SR:2008:017	SUSE
Gentoo Bug 230640 - dev-lang/python <2.4.4-r14 integer overflows (CVE-2008-2315, CVE-2008-2316)	CONFIRM
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN
SecurityFocus	BUGTRAQ
Support Micro Focus	CONFIRM
Support / Security / Advisories // MDVSA-2008:163 Mandriva	MANDRIVA
IBM X-Force Exchange	XF
bugs.gentoo.org/attachment.cgi	CONFIRM
Apple Mac OS X Security Update Fixes Multiple Vulnerabilities - Secunia Advisories - Vulnerability Information - Secunia.com	SECUNIA
About the security content of Security Update 2009-001	CONFIRM
Python Multiple Buffer Overflow Vulnerabilities	BID
Python Multiple Vulnerabilities - Secunia Advisories - Vulnerability Information - Secunia.com	SECUNIA
Gentoo update for python - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

Vendor Comments And Credit

Organization	Published	Contributor	Statement
Red Hat	2008-08-04	Tomas Hoger	Not vulnerable. This issue did not affect the versions of python as shipped with Red Hat Enterprise Linux.

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](#).

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