



CVE-2008-4109

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CVE-2008-4109

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

[Print: PDF](#)



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

A certain Debian patch for OpenSSH before 4.3p2-9etch3 on etch; before 4.6p1-1 on sid and lenny; and on other distributions such as SUSE uses functions that are not async-signal-safe in the signal handler for login timeouts, which allows remote attackers to cause a denial of service (connection slot exhaustion) via multiple login attempts. NOTE: this issue exists because of an incorrect fix for CVE-2006-5051.

CVE-2008-4109 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **5 - MEDIUM**

Access Vector

NETWORK

Access Complexity

LOW

Authentication

NONE

Confidentiality Impact

NONE

Integrity Impact

NONE

Availability Impact

PARTIAL

CVE References

Description

Tags

Link

OpenSSH on Debian Lets Remote Users Prevent Logins - SecurityTracker

[www.securitytracker.com](#)
[text/html](#)

[SECTrack 1020891](#)

Debian update for openssh - Secunia Advisories - Vulnerability Intelligence - Secunia.com

[web.archive.org](#)
[text/html](#)

[SECUNIA 31885](#)

SUSE update for openssh - Secunia Advisories - Vulnerability Intelligence - Secunia.com

[web.archive.org](#)
[text/html](#)

[SECUNIA 32181](#)

Debian -- Security Information -- DSA-1638-1 openssh

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

[DEBIAN DSA-1638](#)

[security-announce] SUSE Security Summary Report: SUSE-SR:2008:020	lists.opensuse.org text/html	 SUSE SUSE-SR:2008:020
#498678 - sigdie must not be called from a signal handler context - Debian Bug report logs	bugs.debian.org text/html	 CONFIRM bugs.debian.org/cgi-bin/bugreport.cgi?bug=498678
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	 XF openssh-signalhandler-dos(45202)
Security Advisory SA32080 - Ubuntu update for openssh-server - Secunia	web.archive.org text/html	 SECUNIA 32080
USN-649-1: OpenSSH vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-649-1

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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	Debian	Linux	unknown	unknown	etch	All
Application	Debian	Linux	unknown	unknown	sid	All
Application	Debian	Linux	unknown	unknown	etch	All
Application	Debian	Linux	unknown	unknown	sid	All
Application	Openbsd	Openssh	1.2	All	All	All
Application	Openbsd	Openssh	1.2.1	All	All	All
Application	Openbsd	Openssh	1.2.2	All	All	All
Application	Openbsd	Openssh	1.2.27	All	All	All
Application	Openbsd	Openssh	1.2.3	All	All	All
Application	Openbsd	Openssh	1.3	All	All	All
Application	Openbsd	Openssh	1.5	All	All	All
Application	Openbsd	Openssh	1.5.7	All	All	All
Application	Openbsd	Openssh	1.5.8	All	All	All
Application	Openbsd	Openssh	2	All	All	All
Application	Openbsd	Openssh	2.1	All	All	All
Application	Openbsd	Openssh	2.1.1	All	All	All
Application	Openbsd	Openssh	2.2	All	All	All
Application	Openbsd	Openssh	2.3	All	All	All
Application	Openbsd	Openssh	2.3.1	All	All	All
Application	Openbsd	Openssh	2.5	All	All	All

Application	Openbsd	Openssh	2.5.1	All	All	All
Application	Openbsd	Openssh	2.5.2	All	All	All
Application	Openbsd	Openssh	2.9	All	All	All
Application	Openbsd	Openssh	2.9.9	All	All	All
Application	Openbsd	Openssh	2.9.9p2	All	All	All
Application	Openbsd	Openssh	2.9p1	All	All	All
Application	Openbsd	Openssh	2.9p2	All	All	All
Application	Openbsd	Openssh	3.0	All	All	All
Application	Openbsd	Openssh	3.0.1	All	All	All
Application	Openbsd	Openssh	3.0.1p1	All	All	All
Application	Openbsd	Openssh	3.0.2	All	All	All
Application	Openbsd	Openssh	3.0.2p1	All	All	All
Application	Openbsd	Openssh	3.0p1	All	All	All
Application	Openbsd	Openssh	3.1	All	All	All
Application	Openbsd	Openssh	3.1p1	All	All	All
Application	Openbsd	Openssh	3.2	All	All	All
Application	Openbsd	Openssh	3.2.2	All	All	All
Application	Openbsd	Openssh	3.2.2p1	All	All	All
Application	Openbsd	Openssh	3.2.3p1	All	All	All
Application	Openbsd	Openssh	3.3	All	All	All
Application	Openbsd	Openssh	3.3p1	All	All	All
Application	Openbsd	Openssh	3.4	All	All	All
Application	Openbsd	Openssh	3.4p1	All	All	All
Application	Openbsd	Openssh	3.5	All	All	All
Application	Openbsd	Openssh	3.5p1	All	All	All
Application	Openbsd	Openssh	3.6	All	All	All
Application	Openbsd	Openssh	3.6.1	All	All	All
Application	Openbsd	Openssh	3.6.1p1	All	All	All
Application	Openbsd	Openssh	3.6.1p2	All	All	All
Application	Openbsd	Openssh	3.7	All	All	All
Application	Openbsd	Openssh	3.7.1	All	All	All
Application	Openbsd	Openssh	3.7.1p1	All	All	All
Application	Openbsd	Openssh	3.7.1p2	All	All	All
Application	Openbsd	Openssh	3.8	All	All	All
Application	Openbsd	Openssh	3.8.1	All	All	All

Application	Openbsd	Openssh	3.8.1p1	All	All	All
Application	Openbsd	Openssh	3.9	All	All	All
Application	Openbsd	Openssh	3.9.1	All	All	All
Application	Openbsd	Openssh	3.9.1p1	All	All	All
Application	Openbsd	Openssh	4.0	All	All	All
Application	Openbsd	Openssh	4.0p1	All	All	All
Application	Openbsd	Openssh	4.1	All	All	All
Application	Openbsd	Openssh	4.1p1	All	All	All
Application	Openbsd	Openssh	4.2	All	All	All
Application	Openbsd	Openssh	4.2p1	All	All	All
Application	Openbsd	Openssh	4.3	All	All	All
Application	Openbsd	Openssh	4.3p1	All	All	All
Application	Openbsd	Openssh	4.3p2	All	All	All
Application	Openbsd	Openssh	4.4	All	All	All
Application	Openbsd	Openssh	4.4p1	All	All	All
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Application	Openbsd	Openssh	1.2.1	All	All	All
Application	Openbsd	Openssh	1.2.2	All	All	All
Application	Openbsd	Openssh	1.2.27	All	All	All
Application	Openbsd	Openssh	1.2.3	All	All	All
Application	Openbsd	Openssh	1.3	All	All	All
Application	Openbsd	Openssh	1.5	All	All	All
Application	Openbsd	Openssh	1.5.7	All	All	All
Application	Openbsd	Openssh	1.5.8	All	All	All
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Application	Openbsd	Openssh	2.1	All	All	All
Application	Openbsd	Openssh	2.1.1	All	All	All
Application	Openbsd	Openssh	2.2	All	All	All
Application	Openbsd	Openssh	2.3	All	All	All
Application	Openbsd	Openssh	2.3.1	All	All	All
Application	Openbsd	Openssh	2.5	All	All	All
Application	Openbsd	Openssh	2.5.1	All	All	All
Application	Openbsd	Openssh	2.5.2	All	All	All
Application	Openbsd	Openssh	2.9	All	All	All
Application	Openbsd	Openssh	2.9.9	All	All	All
Application	Openbsd	Openssh	2.9.9p2	All	All	All

Application	Openbsd	Openssh	2.9p1	All	All	All
Application	Openbsd	Openssh	2.9p2	All	All	All
Application	Openbsd	Openssh	3.0	All	All	All
Application	Openbsd	Openssh	3.0.1	All	All	All
Application	Openbsd	Openssh	3.0.1p1	All	All	All
Application	Openbsd	Openssh	3.0.2	All	All	All
Application	Openbsd	Openssh	3.0.2p1	All	All	All
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Application	Openbsd	Openssh	3.7.1	All	All	All
Application	Openbsd	Openssh	3.7.1p1	All	All	All
Application	Openbsd	Openssh	3.7.1p2	All	All	All
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Application	Openbsd	Openssh	3.8.1	All	All	All
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Application	Openbsd	Openssh	3.9.1	All	All	All
Application	Openbsd	Openssh	3.9.1p1	All	All	All
Application	Openbsd	Openssh	4.0	All	All	All

Application	Openbsd	Openssh	4.0p1	All	All	All
Application	Openbsd	Openssh	4.1	All	All	All
Application	Openbsd	Openssh	4.1p1	All	All	All
Application	Openbsd	Openssh	4.2	All	All	All
Application	Openbsd	Openssh	4.2p1	All	All	All
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Application	Openbsd	Openssh	4.4	All	All	All
Application	Openbsd	Openssh	4.4p1	All	All	All
Application	Openbsd	Openssh	All	All	All	All
Application	Openbsd	Openssh	All	All	All	All
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cpe:2.3:a:openbsd:openssh:4.0:****:*:
cpe:2.3:a:openbsd:openssh:4.0p1:****:*:
cpe:2.3:a:openbsd:openssh:4.1:****:*:
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cpe:2.3:a:openbsd:openssh:4.2:****:*:
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cpe:2.3:a:openbsd:openssh:4.3p1:****:*:

cpe:2.3:a:openbsd:openssh:4.3p1:*****:
cpe:2.3:a:openbsd:openssh:4.3p2:*****:
cpe:2.3:a:openbsd:openssh:4.4:*****:
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cpe:2.3:a:openbsd:openssh:*****:
cpe:2.3:a:openbsd:openssh:*****:

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