



CVE-2012-3375

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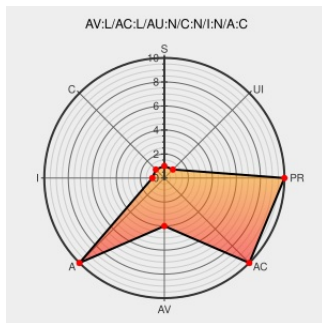
CVE-2012-3375

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

The `epoll_ctl` system call in `fs/eventpoll.c` in the Linux kernel before 3.2.24 does not properly handle ELOOP errors in `EPOLL_CTL_ADD` operations, which allows local users to cause a denial of service (file-descriptor consumption and system crash) via a crafted application that attempts to create a circular epoll dependency. NOTE: this vulnerability exists because of an incorrect fix for CVE-2011-1083.

CVE-2012-3375 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: **4.9 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
Linux Kernel <code>epoll_ctl()</code> Bug Lets Local Users Deny Service - SecurityTracker	www.securitytracker.com text/html	SECTrack 1027237
USN-1529-1: Linux kernel vulnerabilities Ubuntu	ubuntu.com text/html	UBUNTU USN-1529-1
	www.kernel.org text/plain	CONFIRM www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.2.24
ASA-2012-344 (RHSA-2012-1061)	web.archive.org text/html Inactive Link Not Archived	CONFIRM downloads.avaya.com/css/P8/documents/100165733

oss-security - Re: CVE Request -- kernel: epoll: can leak file descriptors when returning -ELOOP	www.openwall.com text/html	 MLIST [oss-security] 20120704 Re: CVE Request -- kernel: epoll: can leak file descriptors when returning -ELOOP
kernel/git/torvalds/linux.git - Linux kernel source tree	web.archive.org text/html Inactive Link Not Archived	 MISC git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git%3Ba=commit%3Bh=13d518074a952d33d47c428419693f63389547e9
About Secunia Research Flexera	secunia.com Depreciated Link text/plain	 SECUNIA 51164
837502 – (CVE-2012-3375) CVE-2012-3375 kernel: epoll: can leak file descriptors when returning -ELOOP	bugzilla.redhat.com text/html	 CONFIRM bugzilla.redhat.com/show_bug.cgi?id=837502
epoll: clear the tfile_check_list on - ELOOP · torvalds/linux@13d5180 · GitHub	Exploit github.com text/html	 CONFIRM github.com/torvalds/linux/commit/13d518074a952d33d47c428419693f63389547e9
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report .		

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	3.0.1	All	All	All
Operating System	Linux	Linux Kernel	3.0.10	All	All	All
Operating System	Linux	Linux Kernel	3.0.11	All	All	All
Operating System	Linux	Linux Kernel	3.0.12	All	All	All
Operating System	Linux	Linux Kernel	3.0.13	All	All	All
Operating System	Linux	Linux Kernel	3.0.14	All	All	All
Operating System	Linux	Linux Kernel	3.0.15	All	All	All
Operating System	Linux	Linux Kernel	3.0.16	All	All	All
Operating System	Linux	Linux Kernel	3.0.17	All	All	All

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No vendor comments have been submitted for this CVE

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