CVE-2011-1581

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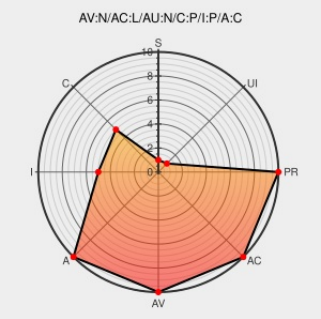

Certain versions of Linux Kernel from Linux contain the following vulnerability:

The bond_select_queue function in drivers/net/bonding/bond_main.c in the Linux kernel before 2.6.39, when a network device with a large number of receive queues is installed but the default tx_queues setting is used, does not properly restrict queue indexes, which allows remote attackers to cause a denial of service (BUG and system crash) or possibly have unspecified other impact by sending network traffic.

CVE-2011-1581 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: 9 - HIGH

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

CVE References

Description	Tags	Link
oss-security - CVE request - kernel: bonding: Incorrect TX queue offset	Mailing List, Patch, Third Party Advisory, openwall.com, text/html	MLIST [oss-security] 20110413 CVE request - kernel: bonding: Incorrect TX queue offset
No Description Provided	git.kernel.org, text/html, Inactive Link, Not Archived	MISC git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git%3Ba=commit%3Bh=fd0e435b0fe85622f167b84432552885a4856ac8
oss-security - Re: CVE request - kernel: bonding: Incorrect TX queue offset	Mailing List, Patch, Third Party Advisory	MLIST [oss-security] 20110413 Re: CVE request - kernel: bonding: Incorrect TX queue offset

	openwall.com text/html	
Bug 696029 – CVE-2011-1581 kernel: bonding: Incorrect TX queue offset	Issue Tracking Third Party Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=696029
Linux Kernel Ethernet Bonding Driver Offset Error Lets Local Users Deny Service - SecurityTracker	Third Party Advisory VDB Entry securitytracker.com text/html	SECTRACK 1025558
404: File not found	Release Notes Vendor Advisory www.kernel.org text/html Inactive Link Not Archived	CONFIRM www.kernel.org/pub/linux/kernel/v2.6/ChangeLog-2.6.39

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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
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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