



CVE-2010-4655

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

Summary

CVE	CVE-2010-4655
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-07-18 19:55:00 UTC
Updated	2023-02-13 03:21:00 UTC
Description	net/core/ethtool.c in the Linux kernel before 2.6.36 does not initialize certain data structures, which allows local users to obt

Risk And Classification

Problem Types: CWE-665

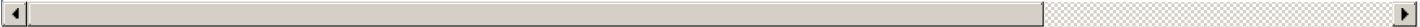
NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Vmware	Esx	4.0	All	All	All
Operating System	Vmware	Esx	4.1	All	All	All
Operating System	Vmware	Esx	4.0	All	All	All
Operating System	Vmware	Esx	4.1	All	All	All

References

Reference	Source	Link	Ta
Bug 672428 – CVE-2010-4655 kernel: heap contents leak for CAP_NET_ADMIN via ethtool ioctl	CONFIRM	bugzilla.redhat.com	Iss
USN-1146-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com	Th
oss-security - Re: CVE request: linux kernel heap issues	MLIST	openwall.com	M
oss-security - CVE request: linux kernel heap issues	MLIST	openwall.com	M
SecurityFocus	BUGTRAQ	www.securityfocus.com	Th
oss-security - Re: CVE request: linux kernel heap issues	MLIST	openwall.com	M

oss-security - Re: CVE request: linux kernel heap issues	MLIST	openwall.com	Ma
LKML: Kees Cook: [PATCH] net: clear heap allocations for privileged ethtool actions	MLIST	lkml.org	Ma
VMSA-2011-0012.2	CONFIRM	www.vmware.com	Th
Linux Kernel 'ethtool.c' Information Disclosure Vulnerability	BID	www.securityfocus.com	Th
About Secunia Research Flexera	SECUNIA	secunia.com	Br
404: File not found	CONFIRM	www.kernel.org	Br
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org	Ma
oss-security - Re: CVE request: linux kernel heap issues	MLIST	openwall.com	Ma
CVE Program record	CVE.ORG	www.cve.org	ca
NVD vulnerability detail	NVD	nvd.nist.gov	ca



No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.