CVE-2016-3156

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2016-3156
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-04-27 17:59:00 UTC
Updated	2023-09-12 14:55:00 UTC
Description	The IPv4 implementation in the Linux kernel before 4.5.2 mishandles destruction of device objects, which allows guest OS u

Risk And Classification

Problem Types: CWE-399

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Novell	Suse Linux Enterprise Debuginfo	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Debuginfo	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Live Patching	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Live Patching	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Module For Public Cloud	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Module For Public Cloud	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	12.0	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	12.0	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Server	11.0	extra	All	All
Operating System	Novell	Suse Linux Enterprise Server	11.0	sp4	All	All

Operating System	Novell	Suse Linux Enterprise Server	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Server	11.0	extra	All	All
Operating System	Novell	Suse Linux Enterprise Server	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Server	12.0	All	All	All
Application	Novell	Suse Linux Enterprise Software Development Kit	11.0	sp4	All	All
Application	Novell	Suse Linux Enterprise Software Development Kit	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Software Development Kit	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Software Development Kit	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Software Development Kit	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Software Development Kit	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Workstation Extension	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Workstation Extension	12.0	All	All	All

References

Reference	Source	Link
[security-announce] openSUSE-SU-2016:1382-1: important: Security update	SUSE	lists.opensus
USN-2969-1: Linux kernel (Utopic HWE) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.
[security-announce] SUSE-SU-2016:1707-1: important: Security update for	SUSE	lists.opensus
USN-2971-2: Linux kernel (Wily HWE) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.
Oracle Linux Bulletin - July 2016	CONFIRM	www.oracle.c
1318172 – (CVE-2016-3156) CVE-2016-3156 kernel: ipv4: denial of service when destroying a network interface	CONFIRM	bugzilla.redha
USN-2968-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.
Linux Kernel CVE-2016-3156 Local Denial of Service Vulnerability	BID	www.security
ipv4: Don't do expensive useless work during inetdev destroy. · torvalds/linux@fbd40ea · GitHub	CONFIRM	github.com
Red Hat Customer Portal	REDHAT	rhn.redhat.co
[security-announce] SUSE-SU-2016:2074-1: important: Security update for	SUSE	lists.opensus
[security-announce] SUSE-SU-2016:1672-1: important: Security update for	SUSE	lists.opensus
USN-2970-1: Linux kernel (Vivid HWE) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.
USN-2968-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.
Debian -- Security Information -- DSA-3607-1 linux	DEBIAN	www.debian.(
Oracle VM Server for x86 Bulletin - October 2016	CONFIRM	www.oracle.c
USN-2996-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
USN-2971-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.
[security-announce] SUSE-SU-2016:1764-1: important: Security update for	SUSE	lists.opensus

[security-announce] SUSE-SU-2016:1690-1: important: Security update for	SUSE	lists.opensus
[security-announce] SUSE-SU-2016:1019-1: important: Security update for	SUSE	lists.opensus
USN-2997-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.
Red Hat Customer Portal	REDHAT	rhn.redhat.co
oss-security - CVE request: ipv4: Don't do expensive useless work during inetdev destroy	MLIST	www.openwa
USN-2971-3: Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status **status.cve.report**