



CVE-2016-4580

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

Summary

CVE	CVE-2016-4580
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-05-23 10:59:10 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The x25_negotiate_facilities function in net/x25/x25_facilities.c in the Linux kernel before 4.5.5 does not properly initialize a

Risk And Classification

Primary CVSS: v3.0 7.5 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

Problem Types: CWE-200 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N
2.0	nvd@nist.gov	Primary	5		AV:N/AC:L/Au:N/C:P/I:N/A:N

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

AV:N/AC:L/Au:N/C:P/I:N/A:N

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	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source	Link
[security-announce] SUSE-SU-2016:1672-1: important: Security update for	af854a3a-2127-422b-91ae-364da2661108	lists.opensuse.
USN-3021-2: Linux kernel (OMAP4) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc
net: fix a kernel infoleak in x25 module · torvalds/linux@79e4865 · GitHub	af854a3a-2127-422b-91ae-364da2661108	github.com
USN-3017-2: Linux kernel (Raspberry Pi 2) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc
USN-3019-1: Linux kernel (Utopic HWE) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc
USN-3021-1: Linux kernel vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc

USN-3016-3: Linux kernel (Qualcomm Snapdragon) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc
USN-3016-4: Linux kernel (Xenial HWE) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc
USN-3017-1: Linux kernel vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc
Debian -- Security Information -- DSA-3607-1 linux	af854a3a-2127-422b-91ae-364da2661108	www.debian.or
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
Linux Kernel 'net/x25/x25_facilities.c' Local Information Disclosure Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.securityfo
USN-3020-1: Linux kernel (Vivid HWE) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc
USN-3017-3: Linux kernel (Wily HWE) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc
USN-3016-1: Linux kernel vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc
[security-announce] openSUSE-SU-2016:1641-1: important: Security update	af854a3a-2127-422b-91ae-364da2661108	lists.opensuse.
USN-3018-2: Linux kernel (Trusty HWE) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc
oss-security - CVE Request: x25: a kernel infoleak in x25_negotiate_facilities()	af854a3a-2127-422b-91ae-364da2661108	www.openwall.
[security-announce] SUSE-SU-2016:1985-1: important: Security update for	af854a3a-2127-422b-91ae-364da2661108	lists.opensuse.
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.5.5	af854a3a-2127-422b-91ae-364da2661108	www.kernel.org
USN-3016-2: Linux kernel (Raspberry Pi 2) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc
USN-3018-1: Linux kernel vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.cc
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.

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