



CVE-2016-8633

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

Summary

CVE	CVE-2016-8633
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-11-28 03:59:06 UTC
Updated	2026-05-06 22:30:45 UTC
Description	drivers/firewire/net.c in the Linux kernel before 4.8.7, in certain unusual hardware configurations, allows remote attackers to

Risk And Classification

Primary CVSS: v3.0 6.8 MEDIUM from nvd@nist.gov

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

EPSS: 0.009270000 probability, percentile 0.761970000 (date 2026-05-10)

Problem Types: CWE-119 | CWE-284 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	6.8	MEDIUM	CVSS:3.0/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	6.2		AV:L/AC:H/Au:N/C:C/I:C/A:C

CVSS v3.0 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

High

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da266
Linux Kernel CVE-2016-8633 Local Buffer Overflow Vulnerability	af854a3a-2127-422b-91ae-364da266
oss-security - Re: [engineering.redhat.com #426293] CVE Request - firewire driver RCE - linux 4.8	af854a3a-2127-422b-91ae-364da266
firewire: net: guard against rx buffer overflows · torvalds/linux@667121a · GitHub	af854a3a-2127-422b-91ae-364da266
Bug 1391490 – CVE-2016-8633 kernel: Buffer overflow in firewire driver via crafted incoming packets	af854a3a-2127-422b-91ae-364da266
CVE Publication: CVE 2016-8633 – Eyal Itkin	af854a3a-2127-422b-91ae-364da266
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da266
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da266
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.8.7	af854a3a-2127-422b-91ae-364da266

www.kerneldrivers.com/kerneldrivers.com/changes/	af854a3a-2127-422b-91ae-364da266
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da266
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da266
CVE-2016-8633 - Red Hat Customer Portal	MITRE
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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