



CVE-2016-6156

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2016-6156
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-08-06 20:59:08 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Race condition in the ec_device_ioctl_xcmd function in drivers/platform/chrome/cros_ec_dev.c in the Linux kernel before 4.

Risk And Classification

Primary CVSS: v3.0 5.1 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-362 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.1	MEDIUM	CVSS:3.0/AV:L/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	1.9		AV:L/AC:M/Au:N/C:N/I:N/A:P

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

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

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
Bugtraq: [CVE-2016-6156] Double-Fetch Vulnerability in Linux-4.6/drivers/platform/chrome/cros_ec_dev.c	af854a3a-2127-422b-91ae-364d
Linux Kernel CVE-2016-6156 Local Information Disclosure Vulnerability	af854a3a-2127-422b-91ae-364d
platform/chrome: cros_ec_dev - double fetch bug in ioctl · torvalds/linux@096cdc6 · GitHub	af854a3a-2127-422b-91ae-364d
Bug 1353490 – CVE-2016-6156 kernel: Race condition vulnerability in Chrome driver	af854a3a-2127-422b-91ae-364d
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364d
120131 – Double-Fetch bug in Linux-4.6/drivers/platform/chrome/cros_ec_dev.c	af854a3a-2127-422b-91ae-364d
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.

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