



CVE-2016-9313

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

Summary

CVE	CVE-2016-9313
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-11-28 03:59:15 UTC
Updated	2026-05-06 22:30:45 UTC
Description	security/keys/big_key.c in the Linux kernel before 4.8.7 mishandles unsuccessful crypto registration in conjunction with suc

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

EPSS: 0.001430000 probability, percentile 0.339650000 (date 2026-05-10)

Problem Types: CWE-476 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	9.3		AV:N/AC:M/Au:N/C:C/I:C/A:C

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:N/AC:M/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	Link
KEYS: Sort out big_key initialisation · torvalds/linux@7df3e59 · GitHub	af854a3a-2127-422b-91ae-364da2661108	github.com
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.8.7	af854a3a-2127-422b-91ae-364da2661108	www.kernel.org
oss-security - panic at big_key_preparse #4.7-r6/rc7 & master	af854a3a-2127-422b-91ae-364da2661108	www.oss-security.org
Linux Kernel CVE-2016-9313 Null Pointer Deference Local Denial of Service Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.cve.org
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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