



CVE-2016-10208

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

Summary

CVE	CVE-2016-10208
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-02-06 06:59:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	The ext4_fill_super function in fs/ext4/super.c in the Linux kernel through 4.9.8 does not properly validate meta block group

Risk And Classification

Primary CVSS: v3.0 4.3 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-125 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	4.3	MEDIUM	CVSS:3.0/AV:P/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.9		AV:L/AC:L/Au:N/C:N/I:N/A:C

CVSS v3.0 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:L/AC:L/Au:N/C:N/I:N/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
Bug 1395190 – kernel: EXT4 memory corruption / SLAB out-of-bounds read	af854a3a-2127-422b-91ae
[SECURITY] [DLA 1200-1] linux security update	af854a3a-2127-422b-91ae
USN-3754-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	af854a3a-2127-422b-91ae
Red Hat Customer Portal	af854a3a-2127-422b-91ae
oss-security - Re: Local DoS: Linux Kernel EXT4 Memory Corruption / SLAB-Out-of-Bounds Read	af854a3a-2127-422b-91ae
ext4: validate s_first_meta_bg at mount time · torvalds/linux@3a4b77c · GitHub	af854a3a-2127-422b-91ae
Full Disclosure: OS-S 2016-22 - Local DoS: Linux Kernel EXT4 Memory Corruption / SLAB-Out-of-Bounds Read	af854a3a-2127-422b-91ae
Linux Kernel 'EXT4 image' Local Denial of Service Vulnerability	af854a3a-2127-422b-91ae
Red Hat Customer Portal	af854a3a-2127-422b-91ae

kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD
No vendor comments have been submitted for this CVE.	
Legacy QID Mappings	
378249 Virtuozzo Linux Security Update for kernel-tools-libs (VZLSA-2017:1308)	

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