CVE-2015-8374

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

Summary

CVE	CVE-2015-8374
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-12-28 11:59:05 UTC
Updated	2026-05-06 22:30:45 UTC
Description	fs/btrfs/inode.c in the Linux kernel before 4.3.3 mishandles compressed inline extents, which allows local users to obtain se

Risk And Classification

Primary CVSS: v3.0 4 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-200 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	4	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:N
2.0	nvd@nist.gov	Primary	2.1		AV:L/AC:L/Au:N/C:P/I:N/A:N

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

None

Availability

None

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

AV:L/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	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
USN-2890-3: Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu	af854a3
Linux Kernel 'btrfs/inode.c' Information Disclosure Vulnerability	af854a3
USN-2888-1: Linux kernel (Utopic HWE) vulnerabilities | Ubuntu	af854a3
Oracle VM Server for x86 Bulletin - October 2016	af854a3
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.3.3	af854a3
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3
USN-2886-1: Linux kernel vulnerabilities | Ubuntu	af854a3
Btrfs: fix truncation of compressed and inlined extents · torvalds/linux@0305cd5 · GitHub	af854a3
Bug 1286261 – CVE-2015-8374 kernel: Information leak when truncating of compressed/inlined extents on BTRFS	af854a3
USN-2890-2: Linux kernel (Wily HWE) vulnerabilities | Ubuntu	af854a3

Red Hat Customer Portal	af854a3
USN-2889-2: Linux kernel (Vivid HWE) vulnerabilities | Ubuntu	af854a3
Linux Kernel Compressed/Inline Extent Truncation Bug Lets Local Users View Portions of Files on the Filesystem - SecurityTracker	af854a3
USN-2887-1: Linux kernel vulnerabilities | Ubuntu	af854a3
oss-security - CVE request: Linux kernel, information disclosure after file truncate on BTRFS	af854a3
Debian -- Security Information -- DSA-3426-1 linux	af854a3
Oracle Linux Bulletin - October 2016	af854a3
USN-2890-1: Linux kernel vulnerabilities | Ubuntu	af854a3
USN-2889-1: Linux kernel vulnerabilities | Ubuntu	af854a3
Red Hat Customer Portal	af854a3
USN-2887-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu	af854a3
CVE Program record	CVE.OR
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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