



CVE-2015-3339

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

Summary

CVE	CVE-2015-3339
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-05-27 10:59:11 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Race condition in the prepare_binprm function in fs/exec.c in the Linux kernel before 3.19.6 allows local users to gain privilege

Risk And Classification

Primary CVSS: v2.0 6.2 from nvd@nist.gov

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

Problem Types: CWE-362 | n/a

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	Debian	Debian Linux	7.0	All	All	All

Operating System	Debian	Debian Linux	8.0	All	All	All
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
[security-announce] SUSE-SU-2015:1487-1: important: Live patch for the L	af854a3a-2127-422b-91ae-3f
git.kernel.org	af854a3a-2127-422b-91ae-3f
Linux Kernel Race Condition in prepare_binprm() Lets Local Users Gain Elevated Privileges - SecurityTracker	af854a3a-2127-422b-91ae-3f
[security-announce] SUSE-SU-2015:1488-1: important: Live patch for the L	af854a3a-2127-422b-91ae-3f
[security-announce] SUSE-SU-2016:2074-1: important: Security update for	af854a3a-2127-422b-91ae-3f
Red Hat Customer Portal	af854a3a-2127-422b-91ae-3f
oss-security - Re: Linux: chown() was racy relative to execve() - Linux kernel	af854a3a-2127-422b-91ae-3f
fs: take i_mutex during prepare_binprm for set[ug]id executables · torvalds/linux@8b01fc8 · GitHub	af854a3a-2127-422b-91ae-3f
[SECURITY] Fedora 20 Update: kernel-3.19.8-100.fc20	af854a3a-2127-422b-91ae-3f
Debian -- Security Information -- DSA-3237-1 linux	af854a3a-2127-422b-91ae-3f
Oracle Linux Bulletin - January 2016	af854a3a-2127-422b-91ae-3f
[security-announce] SUSE-SU-2015:1491-1: important: Live patch for the L	af854a3a-2127-422b-91ae-3f
Oracle Linux Bulletin - October 2015	af854a3a-2127-422b-91ae-3f
1214030 – (CVE-2015-3339) CVE-2015-3339 kernel: race condition between chown() and execve()	af854a3a-2127-422b-91ae-3f
[security-announce] SUSE-SU-2015:1489-1: important: Live patch for the L	af854a3a-2127-422b-91ae-3f
[security-announce] openSUSE-SU-2015:1382-1: important: Security update	af854a3a-2127-422b-91ae-3f
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.19.6	af854a3a-2127-422b-91ae-3f
[SECURITY] Fedora 21 Update: kernel-3.19.7-200.fc21	af854a3a-2127-422b-91ae-3f
kernel/git/torvalds/linux.git - Linux kernel source tree	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.

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