CVE-2015-7509

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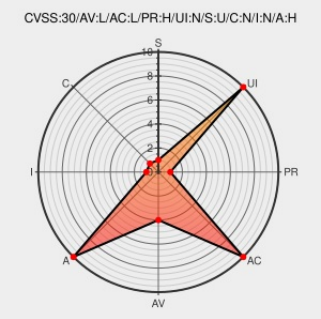

Certain versions of Linux Kernel from Linux contain the following vulnerability:

fs/ext4/namei.c in the Linux kernel before 3.7 allows physically proximate attackers to cause a denial of service (system crash) via a crafted no-journal filesystem, a related issue to CVE-2013-2015.

CVE-2015-7509 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 4.4 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	HIGH	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 4.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
[security-announce] SUSE-SU-2015:2350-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2015:2350

ext4: make orphan functions be no-op in no-journal mode · torvalds/linux@c9b9253 · GitHub	Vendor Advisory github.com text/html	CONFIRM github.com/torvalds/linux/commit/c9b92530a723ac5ef8e352885a1862b18f31b2f5
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:0855
CVE-2015-7509	security-tracker.debian.org text/html	CONFIRM security-tracker.debian.org/tracker/CVE-2015-7509
kernel/git/torvalds/linux.git - Linux kernel source tree	Vendor Advisory git.kernel.org text/html	CONFIRM git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/commit/?id=c9b92530a723ac5ef8e352885a1862b18f31b2f5
CVE-2015-7509 - Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/security/cve/CVE-2015-7509
[security-announce] SUSE-SU-2016:2074-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2016:2074
[security-announce] SUSE-SU-2015:2339-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2015:2339
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2016:0855
Bug 956709 – VUL-0: CVE-2015-7509: kernel: Mounting ext2 fs e2fsprogs/tests/f_orphan as ext4 crashes system	bugzilla.suse.com text/html	CONFIRM bugzilla.suse.com/show_bug.cgi?id=956709
Bug 1259222 – CVE-2015-7509 kernel: Mounting ext2 fs e2fsprogs/tests/f_orphan as ext4 crashes system	bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1259222
Linux Kernel Filesystem Mounting Bug Lets Local Users Cause Denial of Service Conditions or Obtain Elevated Privileges on the Target System - SecurityTracker	www.securitytracker.com text/html	SECTRACK 1034559

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating	Linux	Linux Kernel	All	All	All	All

Operating System

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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