CVE-2018-1049

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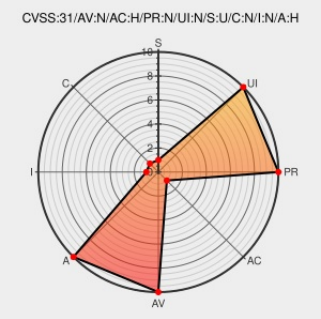
CVE-2018-1049

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

In systemd prior to 234 a race condition exists between .mount and .automount units such that automount requests from kernel may not be serviced by systemd resulting in kernel holding the mountpoint and any processes that try to use said mount will hang. A race condition like this may lead to denial of service, until mount points are unmounted.

CVE-2018-1049 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Red Hat, Inc.** - **systemd** version **prior to 234**

CVSS3 Score: 5.9 - MEDIUM

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

CVSS2 Score: 4.3 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
[SECURITY] [DLA 1580-1] systemd security update	Mailing List	MLIST [debian-lts-announce] 20181119

	Third Party Advisory lists.debian.org text/html	[SECURITY] [DLA 1580-1] systemd security update
systemd Automount State Processing Bug Lets Remote Users Deny Service - SecurityTracker	Third Party Advisory VDB Entry www.securitytracker.com text/html	SECTRACK 1041520
1534701 – (CVE-2018-1049) CVE-2018-1049 systemd: automount: access to automounted volumes can lock up	Issue Tracking Patch Third Party Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1534701
USN-3558-1: systemd vulnerabilities | Ubuntu security notices | Ubuntu	Third Party Advisory usn.ubuntu.com text/html	UBUNTU USN-3558-1
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	REDHAT RHSA-2018:0260

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Freedesktop	Systemd	All	All	All	All
Application	Freedesktop	Systemd	All	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Aus	7.4	All	All	All

Operating System	Redhat	Enterprise Linux Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

Application	Systemd Project	Systemd	All	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:*:

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cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:*:*:

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cpe:2.3:a:freedesktop:systemd:*:*:*:*:*:*:*:*:

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cpe:2.3:o:redhat:enterprise_linux:7.0:*:*:*:*:*:*:*:

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cpe:2.3:o:redhat:enterprise_linux_aus:7.4:*:*:*:*:*:*:*:

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cpe:2.3:o:redhat:enterprise_linux_aus:7.4:*:*:*:*:*:*:*:

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cpe:2.3:o:redhat:enterprise_linux_desktop:7.0:*:*:*:*:*:*:*:

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cpe:2.3:o:redhat:enterprise_linux_server_eus:7.6:*:*:*:*:*:*:*:

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cpe:2.3:o:redhat:enterprise_linux_server_aus:7.6:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_eus:7.6:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_tus:7.4:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_tus:7.6:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_tus:7.4:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_tus:7.6:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_workstation:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_workstation:7.0:*:*:*:*:*:*:*:

cpe:2.3:a:systemd_project:systemd:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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