



CVE-2019-3461

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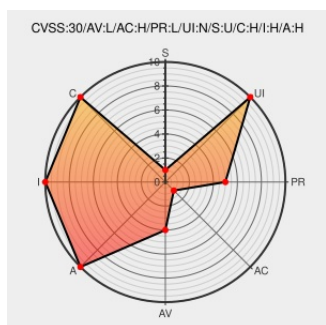
CVE-2019-3461

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Debian Linux](#) from [Debian](#) contain the following vulnerability:

Debian tmpreaper version 1.6.13+nm1 has a race condition when doing a (bind) mount via rename() which could result in local privilege escalation. Mounting via rename() could potentially lead to a file being placed elsewhere on the filesystem hierarchy (e.g. /etc/cron.d/) if the directory being cleaned up was on the same physical filesystem. Fixed versions include 1.6.13+nm1+deb9u1 and 1.6.14.

CVE-2019-3461 has been assigned by [security@debian.org](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Debian GNU/Linux](#) - **tmpreaper** version **1.6.13+nm1**

CVSS3 Score: **7 - HIGH**

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

CVSS2 Score: **4.4 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
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[SECURITY] [DSA 4365-1] tmpreaper security update	Mailing List Vendor Advisory lists.debian.org text/html	 DEBIAN DSA-4365
#918956 - tmpreaper: CVE-2019-3461 - Debian Bug report logs	Mailing List Vendor Advisory bugs.debian.org text/html	 MISC bugs.debian.org/cgi-bin/bugreport.cgi?bug=918956
USN-4077-1: tmpreaper vulnerability Ubuntu security notices Ubuntu	usn.ubuntu.com text/html	 UBUNTU USN-4077-1
[SECURITY] [DLA 1640-1] tmpreaper security update	Vendor Advisory lists.debian.org text/html	 MLIST [debian-lts-announce] 20190124 [SECURITY] [DLA 1640-1] tmpreaper security update

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Debian	Tmpreaper	1.6.13+nmu1	All	All	All
Application	Debian	Tmpreaper	1.6.13\+nmu1	All	All	All
Application	Debian	Tmpreaper	1.6.13\+nmu1	All	All	All
cpe:2.3:o:debian:debian_linux:8.0:****:*:*.*.*						
cpe:2.3:o:debian:debian_linux:9.0:****:*:*.*.*						
cpe:2.3:o:debian:debian_linux:8.0:****:*:*.*.*						
cpe:2.3:o:debian:debian_linux:9.0:****:*:*.*.*						
cpe:2.3:a:debian:tmpreaper:1.6.13+nmu1:****:*:*.*.*						
cpe:2.3:a:debian:tmpreaper:1.6.13\+nmu1:****:*:*.*.*						
cpe:2.3:a:debian:tmpreaper:1.6.13\+nmu1:****:*:*.*.*						

No vendor comments have been submitted for this CVE

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