CVE-2018-10906

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Summary

CVE	CVE-2018-10906
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-07-24 20:29:00 UTC
Updated	2023-11-07 02:51:00 UTC
Description	In fuse before versions 2.9.8 and 3.x before 3.2.5, fusermount is vulnerable to a restriction bypass when SELinux is active.

Risk And Classification

Problem Types: CWE-269

NVD Known Affected Configurations (CPE 2.3)

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	Fuse Project	Fuse	All	All	All	All
Application	Fuse Project	Fuse	All	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 Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References

Reference	Source	L
fusermount - user_allow_other Restriction Bypass and SELinux Label Control - Linux dos Exploit	EXPLOIT-DB	w
[SECURITY] Fedora 30 Update: fuse-2.9.9-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	li

Debian -- Security Information -- DSA-4257-1 fuse	DEBIAN	w
1602996 – (CVE-2018-10906) CVE-2018-10906 fuse: bypass of the "user_allow_other" restriction when SELinux is active	CONFIRM	b
[SECURITY] Fedora 28 Update: fuse-2.9.9-1.fc28 - package-announce - Fedora Mailing-Lists	FEDORA	li
[SECURITY] Fedora 30 Update: fuse-2.9.9-1.fc30 - package-announce - Fedora Mailing-Lists		li
[SECURITY] Fedora 29 Update: fuse-2.9.9-1.fc29 - package-announce - Fedora Mailing-Lists		li
[SECURITY] Fedora 28 Update: fuse-2.9.9-1.fc28 - package-announce - Fedora Mailing-Lists		li
[SECURITY] [DLA 1468-1] fuse security update	MLIST	li
Red Hat Customer Portal	REDHAT	a
[SECURITY] Fedora 29 Update: fuse-2.9.9-1.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	li
CVE Program record	CVE.ORG	w
NVD vulnerability detail	NVD	n

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 500194 Alpine Linux Security Update for fuse
- 500357 Alpine Linux Security Update for fuse3
- 503935 Alpine Linux Security Update for fuse
- 503936 Alpine Linux Security Update for fuse3
- 900086 CBL-Mariner Linux Security Update for fuse 2.9.7
- 901022 Common Base Linux Mariner (CBL-Mariner) Security Update for fuse (6430-1)
- 902955 Common Base Linux Mariner (CBL-Mariner) Security Update for fuse (1867)

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