CVE-2019-6133

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Summary

CVE	CVE-2019-6133
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-01-11 14:29:00 UTC
Updated	2020-08-24 17:37:00 UTC
Description	In PolicyKit (aka polkit) 0.115, the "start time" protection mechanism can be bypassed because fork() is not atomic, and the

Risk And Classification

Problem Types: CWE-362

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	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	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	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	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Polkit Project	Polkit	0.115	All	All	All
Application	Polkit Project	Polkit	0.115	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All

Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	6.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	6.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References

Reference	Source	Link
Red Hat Customer Portal	REDHAT	access
Red Hat Customer Portal	REDHAT	access
[security-announce] openSUSE-SU-2019:1914-1: important: Security update	SUSE	lists.op
[SECURITY] [DLA 1799-2] linux security update	MLIST	lists.de
1692 - project-zero - Project Zero - Monorail	MISC	bugs.ch
[SECURITY] [DLA 1799-1] linux security update	MLIST	lists.de
Red Hat Customer Portal	REDHAT	access
USN-3903-2: Linux kernel (HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubu
USN-3908-2: Linux kernel (Trusty HWE) vulnerability | Ubuntu security notices	UBUNTU	usn.ubu
USN-3901-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubu
Red Hat Customer Portal	REDHAT	access
USN-3901-2: Linux kernel (HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubu
USN-3908-1: Linux kernel vulnerability | Ubuntu security notices	UBUNTU	usn.ubu
USN-3903-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubu
Red Hat Customer Portal	REDHAT	access

backend: Compare PolkitUnixProcess uids for temporary authorizations (!19) · Merge Requests · polkit / polkit · GitLab	MISC	gitlab.fr
USN-3934-2: PolicyKit vulnerability | Ubuntu security notices	UBUNTU	usn.ubu
Merge branch 'uid-compare' into 'master' (c898fdf4) · Commits · polkit / polkit · GitLab	MISC	gitlab.fr
USN-3934-1: PolicyKit vulnerability | Ubuntu security notices	UBUNTU	usn.ubu
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kern
PolicyKit CVE-2019-6133 Unauthorized Access Vulnerability	BID	www.se
USN-3910-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubu
USN-3910-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubu
[SECURITY] [DLA 1644-1] policykit-1 security update	MLIST	lists.de
support.f5.com/csp/article/K22715344	CONFIRM	support
CVE Program record	CVE.ORG	www.cv
NVD vulnerability detail	NVD	nvd.nis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

377154 Alibaba Cloud Linux Security Update for polkit (ALINUX3-SA-2022:0004)

377174 Alibaba Cloud Linux Security Update for polkit (ALINUX2-SA-2019:0013)

378305 Virtuozzo Linux Security Update for polkit-docs (VZLSA-2019:0420)