CVE-2018-13405

MITRE | NVD | CVE.ORG | Print: PDF

Summary

CVE	CVE-2018-13405
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-07-06 14:29:00 UTC
Updated	2023-11-07 02:52:00 UTC
Description	The inode_init_owner function in fs/inode.c in the Linux kernel through 3.16 allows local users to create files with an uninter

Risk And Classification

Problem Types: CWE-269

NVD Known Affected Configurations (CPE 2.3)

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	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	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	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	F5	Big-ip Access Policy Manager	All	All	All	All
Application	F5	Big-ip Access Policy Manager	15.1.0	All	All	All
Application	F5	Big-ip Access Policy Manager	16.0.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	All	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	15.1.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	16.0.0	All	All	All

Application	F5	Big-ip Analytics	All	All	All	All
Application	F5	Big-ip Analytics	15.1.0	All	All	All
Application	F5	Big-ip Analytics	16.0.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	All	All	All	All
Application	F5	Big-ip Application Acceleration Manager	15.1.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	16.0.0	All	All	All
Application	F5	Big-ip Application Security Manager	All	All	All	All
Application	F5	Big-ip Application Security Manager	15.1.0	All	All	All
Application	F5	Big-ip Application Security Manager	16.0.0	All	All	All
Application	F5	Big-ip Domain Name System	All	All	All	All
Application	F5	Big-ip Domain Name System	15.1.0	All	All	All
Application	F5	Big-ip Domain Name System	16.0.0	All	All	All
Application	F5	Big-ip Edge Gateway	All	All	All	All
Application	F5	Big-ip Edge Gateway	15.1.0	All	All	All
Application	F5	Big-ip Edge Gateway	16.0.0	All	All	All
Application	F5	Big-ip Fraud Protection Service	All	All	All	All
Application	F5	Big-ip Fraud Protection Service	15.1.0	All	All	All
Application	F5	Big-ip Fraud Protection Service	16.0.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	All	All	All	All
Application	F5	Big-ip Global Traffic Manager	15.1.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	16.0.0	All	All	All
Application	F5	Big-ip Link Controller	All	All	All	All
Application	F5	Big-ip Link Controller	15.1.0	All	All	All
Application	F5	Big-ip Link Controller	16.0.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	All	All	All	All
Application	F5	Big-ip Local Traffic Manager	15.1.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	16.0.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	All	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	15.1.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	16.0.0	All	All	All
Application	F5	Big-ip Webaccelerator	All	All	All	All
Application	F5	Big-ip Webaccelerator	15.1.0	All	All	All
Application	F5	Big-ip Webaccelerator	16.0.0	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All

Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux Aus	7.4	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 Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time	7	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	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	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
Application	Redhat	Mrg Realtime	2.0	All	All	All
Application	Redhat	Virtualization	4.0	All	All	All

References

Reference	Source
[SECURITY] [DLA 1466-1] linux-4.9 security update	MLIST
Red Hat Customer Portal	REDHAT
[SECURITY] Fedora 34 Update: qemu-5.2.0-9.fc34 - package-announce - Fedora Mailing-Lists	FEDORA
[SECURITY] Fedora 35 Update: qemu-6.1.0-14.fc35 - package-announce - Fedora Mailing-Lists	
USN-3752-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU
USN-3752-2: Linux kernel (HWE) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
oss-security - CVE-2018-13405: Linux kernel: fs/inode.c:inode_init_owner() function mishandled a file creation in setgid directories	MISC
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT

support.f5.com/csp/article/K00854051	CONFIR
[SECURITY] Fedora 35 Update: qemu-6.1.0-14.fc35 - package-announce - Fedora Mailing-Lists	FEDORA
Debian -- Security Information -- DSA-4266-1 linux	DEBIAN
grsecurity na Twitterze: "https://t.co/GPxUFmhVrZ… "	MISC
Linux Kernel Components Multiple Security Vulnerabilities	BID
Fix up non-directory creation in SGID directories · torvalds/linux@0fa3ecd · GitHub	MISC
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC
USN-3752-3: Linux kernel (Azure, GCP, OEM) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU
kernel/git/tip/tip.git - Unnamed repository; edit this file 'description' to name the repository.	CONFIR
USN-3754-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU
USN-3753-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU
Linux (Ubuntu) - Other Users coredumps Can Be Read via setgid Directory and killpriv Bypass	EXPLOIT
USN-3753-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
[SECURITY] Fedora 34 Update: qemu-5.2.0-9.fc34 - package-announce - Fedora Mailing-Lists	
Red Hat Customer Portal	REDHAT
CVE Program record	CVE.OR
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 257226 CentOS Security Update for kernel (CESA-2023:1091)
- 282383 Fedora Security Update for qemu (FEDORA-2022-3a60c34473)
- 282444 Fedora Security Update for qemu (FEDORA-2022-5d0676b098)
- 354314 Amazon Linux Security Advisory for qemu : ALAS2022-2022-050
- 377413 Alibaba Cloud Linux Security Update for virt:rhel and virt-devel:rhel (ALINUX3-SA-2022:0119)
- 751336 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1460-1)
- 751342 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3641-1)
- 751346 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3655-1)
- 751349 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1477-1)
- 751353 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3675-1)

751381 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3748-1)

751437 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3876-1)

751441 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3876-1)

751451 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3935-1)

751476 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3972-1)