CVE-2019-20044

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Summary

CVE	CVE-2019-20044
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-02-24 14:15:00 UTC
Updated	2023-11-07 03:08:00 UTC
Description	In Zsh before 5.8, attackers able to execute commands can regain privileges dropped by the --no-PRIVILEGED option. Zsh

Risk And Classification

Problem Types: CWE-273

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Ipados	All	All	All	All
Operating System	Apple	Ipad Os	All	All	All	All
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Macos	-	All	All	All
Operating System	Apple	Mac Os	-	All	All	All
Operating System	Apple	Mac Os	-	All	All	All
Operating System	Apple	Mac Os X	All	All	All	All
Operating System	Apple	Mac Os X	10.13.6	-	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2018-002	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2018-003	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-001	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-002	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-003	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-004	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-005	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-006	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-007	All	All

Operating System	Apple	Mac Os X	10.13.6	security_update_2020-001	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2020-002	All	All
Operating System	Apple	Mac Os X	10.14.6	-	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-001	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-002	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-004	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-005	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-006	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-007	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-001	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-002	All	All
Operating System	Apple	Tvos	All	All	All	All
Operating System	Apple	Watchos	All	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	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Application	Zsh	Zsh	All	All	All	All
Application	Zsh	Zsh	All	All	All	All

References

Reference
About the security content of macOS Catalina 10.15.5, Security Update 2020-003 Mojave, Security Update 2020-003 High Sierra - Apple Supp
[SECURITY] Fedora 30 Update: zsh-5.7.1-6.fc30 - package-announce - Fedora Mailing-Lists
About the security content of watchOS 6.2.5 - Apple Support
ZSH - Release Notes
Full Disclosure: APPLE-SA-2020-05-26-5 watchOS 6.2.5
About the security content of tvOS 13.4.5 - Apple Support
About the security content of tvOS 13.4.5 - Apple Support
GitHub - XMB5/zsh-privileged-upgrade: ZSH Exploit allowing a user to restore privileges dropped from --no-PRIVILEGED option
[SECURITY] [DLA 2470-1] zsh security update
Full Disclosure: APPLE-SA-2020-05-26-1 iOS 13.5 and iPadOS 13.5
Zsh: Privilege escalation (GLSA 202003-55) — Gentoo security

About the security content of watchOS 6.2.5 - Apple Support
About the security content of macOS Catalina 10.15.5, Security Update 2020-003 Mojave, Security Update 2020-003 High Sierra - Apple Supp
www.zsh.org/mla/zsh-announce/141
About the security content of iOS 13.5 and iPadOS 13.5 - Apple Support
[SECURITY] Fedora 30 Update: zsh-5.7.1-6.fc30 - package-announce - Fedora Mailing-Lists
[SECURITY] [DLA 2117-1] zsh security update
About the security content of iOS 13.5 and iPadOS 13.5 - Apple Support
[SECURITY] Fedora 31 Update: zsh-5.7.1-6.fc31 - package-announce - Fedora Mailing-Lists
Full Disclosure: APPLE-SA-2020-05-26-4 tvOS 13.4.5
[SECURITY] Fedora 31 Update: zsh-5.7.1-6.fc31 - package-announce - Fedora Mailing-Lists
Full Disclosure: APPLE-SA-2020-05-26-3 macOS Catalina 10.15.5, Security Update 2020-003 Mojave, Security Update 2020-003 High Sierra
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

198699	Ubuntu Security Notification for Zsh Vulnerabilities (USN-5325-1)
296073	Oracle Solaris 11.4 Support Repository Update (SRU) 24.75.2 Missing (CPUJUL2020)
376894	Alibaba Cloud Linux Security Update for zsh (ALINUX3-SA-2022:0073)
377075	Alibaba Cloud Linux Security Update for zsh (ALINUX2-SA-2020:0031)
500833	Alpine Linux Security Update for zsh
504570	Alpine Linux Security Update for zsh
751797	SUSE Enterprise Linux Security Update for zsh (SUSE-SU-2022:0732-1)
751799	SUSE Enterprise Linux Security Update for zsh (SUSE-SU-2022:0733-1)
751806	SUSE Enterprise Linux Security Update for zsh (SUSE-SU-2022:0735-1)
751807	OpenSUSE Security Update for zsh (openSUSE-SU-2022:0735-1)
753235	SUSE Enterprise Linux Security Update for zsh (SUSE-SU-2022:14910-1)
940252	AlmaLinux Security Update for zsh (ALSA-2020:0903)
960812	Rocky Linux Security Update for zsh (RLSA-2020:0903)

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