



CVE-2019-16928

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2019-16928
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-09-27 21:15:00 UTC
Updated	2023-11-07 03:06:00 UTC
Description	Exim 4.92 through 4.92.2 allows remote code execution, a different vulnerability than CVE-2019-15846. There is a heap-ba

Risk And Classification

EPSS: 0.900190000 probability, percentile 0.995830000 (date 2026-04-17)

CISA KEV: Listed on 2022-03-03; due 2022-03-17; ransomware use Unknown

Problem Types: CWE-787

CISA Known Exploited Vulnerability

Vendor	Exim
Product	Exim Internet Mailer
Name	Exim Out-of-bounds Write Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2019-16928

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Application	Exim	Exim	All	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All

References

Reference	Source	Link	Tags
USN-4141-1: Exim vulnerability Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Third
[SECURITY] Fedora 30 Update: exim-4.92.3-1.fc30 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
oss-security - Exim CVE-2019-16928 RCE using a heap-based buffer overflow	MLIST	www.openwall.com	Mailin
oss-security - Re: Exim CVE-2019-16928 RCE using a heap-based buffer overflow	MLIST	www.openwall.com	Third
[SECURITY] Fedora 29 Update: exim-4.92.3-1.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
Bugtraq: [SECURITY] [DSA 4536-1] exim4 security update	BUGTRAQ	seclists.org	Third
Bug 2449 – Heap Overflow	MISC	bugs.exim.org	Permi
oss-security - Re: Exim CVE-2019-16928 RCE using a heap-based buffer overflow	MLIST	www.openwall.com	Mailin
Exim: Heap-based buffer overflow (GLSA 202003-47) — Gentoo security	GENTOO	security.gentoo.org	
Debian -- Security Information -- DSA-4536-1 exim4	DEBIAN	www.debian.org	Third
[SECURITY] Fedora 30 Update: exim-4.92.3-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] Fedora 31 Update: exim-4.92.3-1.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] Fedora 29 Update: exim-4.92.3-1.fc29 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[exim-dev] [Bug 2449] New: Heap Overflow	MISC	lists.exim.org	Vendc
git.exim.org Git - exim.git/commit	MISC	git.exim.org	Patch
oss-security - Re: Exim CVE-2019-16928 RCE using a heap-based buffer overflow	MLIST	www.openwall.com	Mailin
[SECURITY] Fedora 31 Update: exim-4.92.3-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
CVE Program record	CVE.ORG	www.cve.org	canor
NVD vulnerability detail	NVD	nvd.nist.gov	canor
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov	kev

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[500891](#) Alpine Linux Security Update for exim

[504724](#) Alpine Linux Security Update for exim

[750227](#) OpenSUSE Security Update for exim (openSUSE-SU-2021:0677-1)

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