



# CVE-2022-48303

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2022-48303
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-01-30 04:15:00 UTC
<b>Updated</b>	2023-05-30 17:16:00 UTC
<b>Description</b>	GNU Tar through 1.34 has a one-byte out-of-bounds read that results in use of uninitialized memory for a conditional jump.

## Risk And Classification

**Problem Types:** CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	37	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	38	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Tar</a>	All	All	All	All

## References

Reference	Source	Link	Tags
GNU tar - Bugs: bug #62387, [SECURITY] Heap Buffer Overflow [Savannah]	MISC	<a href="#">savannah.gnu.org</a>	
[SECURITY] Fedora 38 Update: tar-1.34-8.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>	
[SECURITY] Fedora 37 Update: tar-1.34-6.fc37 - package-announce - Fedora Mailing-Lists	MISC	<a href="#">lists.fedoraproject.org</a>	
GNU tar - Patches: patch #10307, Fix savannah bug #62387 [Savannah]	MISC	<a href="#">savannah.gnu.org</a>	
[SECURITY] Fedora 37 Update: tar-1.34-6.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>	
[SECURITY] Fedora 38 Update: tar-1.34-8.fc38 - package-announce - Fedora Mailing-Lists	MISC	<a href="#">lists.fedoraproject.org</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical,

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[160470](#) Oracle Enterprise Linux Security Update for tar (ELSA-2023-0842)

[160482](#) Oracle Enterprise Linux Security Update for tar (ELSA-2023-0959)

[199199](#) Ubuntu Security Notification for tar Vulnerability (USN-5900-1)

[199357](#) Ubuntu Security Notification for tar Vulnerability (USN-5900-2)

[241201](#) Red Hat Update for tar (RHSA-2023:0842)

[241223](#) Red Hat Update for tar (RHSA-2023:0959)

[242153](#) Red Hat Update for tar (RHSA-2023:5610)

[283809](#) Fedora Security Update for tar (FEDORA-2023-123778d70d)

[284232](#) Fedora Security Update for tar (FEDORA-2023-f72d3caf36)

[296099](#) Oracle Solaris 11.4 Support Repository Update (SRU) 57.144.3 Missing (CPUAPR2023)

[354827](#) Amazon Linux Security Advisory for tar : ALAS2-2023-1994

[354839](#) Amazon Linux Security Advisory for tar : ALAS-2023-1704

[355070](#) Amazon Linux Security Advisory for tar : AL2012-2023-394

[355131](#) Amazon Linux Security Advisory for tar : ALAS2023-2023-153

[378121](#) Alibaba Cloud Linux Security Update for tar (ALINUX3-SA-2023:0031)

[502673](#) Alpine Linux Security Update for tar

[502792](#) Alpine Linux Security Update for tar

[672996](#) EulerOS Security Update for tar (EulerOS-SA-2023-1856)

[673011](#) EulerOS Security Update for tar (EulerOS-SA-2023-1881)

[673039](#) EulerOS Security Update for tar (EulerOS-SA-2023-1964)

[673045](#) EulerOS Security Update for tar (EulerOS-SA-2023-1986)

[673068](#) EulerOS Security Update for tar (EulerOS-SA-2023-2198)

[673112](#) EulerOS Security Update for tar (EulerOS-SA-2023-2174)

[673130](#) EulerOS Security Update for tar (EulerOS-SA-2023-2279)

[673131](#) EulerOS Security Update for tar (EulerOS-SA-2023-2303)

[710865](#) Gentoo Linux GNU Tar Out of Bounds Read Vulnerability (GLSA 202402-12)

[753714](#) SUSE Enterprise Linux Security Update for tar (SUSE-SU-2023:0441-1)

[753720](#) SUSE Enterprise Linux Security Update for tar (SUSE-SU-2023:0463-1)

[940932](#) AlmaLinux Security Update for tar (ALSA-2023:0842)

[940950](#) AlmaLinux Security Update for tar (ALSA-2023:0959)

[960652](#) Rocky Linux Security Update for tar (RLSA-2023:0842)

[960906](#) Rocky Linux Security Update for tar (RLSA-2023:0959)

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