



CVE-2020-24654

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

Summary

CVE	CVE-2020-24654
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-09-02 17:15:00 UTC
Updated	2023-11-07 03:20:00 UTC
Description	In KDE Ark before 20.08.1, a crafted TAR archive with symlinks can install files outside the extraction directory, as demonstr

Risk And Classification

Problem Types: CWE-59

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	20.04	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	20.04	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Application	Kde	Ark	All	All	All	All
Application	Kde	Ark	All	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All

Operating System	Opensuse	Leap	15.2	All	All	All
------------------	--------------------------	----------------------	------	-----	-----	-----

References

Reference	Source
[SECURITY] Fedora 32 Update: ark-20.04.3-5.fc32 - package-announce - Fedora Mailing-Lists	
Ark: Arbitrary code execution (GLSA 202010-06) — Gentoo security	GENTOO
[security-announce] openSUSE-SU-2020:1310-1: moderate: Security update f	SUSE
[SECURITY] Fedora 33 Update: ark-20.04.3-5.fc33 - package-announce - Fedora Mailing-Lists	FEDORA
[SECURITY] Fedora 33 Update: ark-20.04.3-5.fc33 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 32 Update: ark-20.04.3-5.fc32 - package-announce - Fedora Mailing-Lists	FEDORA
Pass the ARCHIVE_EXTRACT_SECURE_SYMLINKS flag to libarchive · KDE/ark@8bf8c5e · GitHub	CONFIRM
Debian -- Security Information -- DSA-4759-1 ark	DEBIAN
USN-4482-1: Ark vulnerability Ubuntu security notices Ubuntu	UBUNTU
Bug 1175857 – VUL-0: CVE-2020-24654: ark: maliciously crafted TAR archive can install files outside the extraction directory	CONFIRM
[SECURITY] [DLA 3015-1] ark security update	MLIST
Ark: Symlink vulnerability (GLSA 202101-06) — Gentoo security	GENTOO
kde.org/info/security/advisory-20200827-1.txt	CONFIRM
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

179301 Debian Security Update for ark (DLA 3015-1)
500840 Alpine Linux Security Update for ark
501527 Alpine Linux Security Update for ark
504584 Alpine Linux Security Update for ark
690505 Free Berkeley Software Distribution (FreeBSD) Security Update for ark (38fdf07b-e8ec-11ea-8bbe-e0d55e2a8bf9)

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

