CVE-2021-41072

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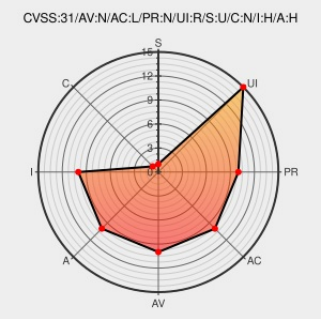

Certain versions of Squashfs-tools from Squashfs-tools Project contain the following vulnerability:

squashfs_opendir in unsquash-2.c in Squashfs-Tools 4.5 allows Directory Traversal, a different vulnerability than CVE-2021-40153. A squashfs filesystem that has been crafted to include a symbolic link and then contents under the same filename in a filesystem can cause unsquashfs to first create the symbolic link pointing outside the expected directory, and then the subsequent write operation will cause the unsquashfs process to write through the symbolic link elsewhere in the filesystem.

CVE-2021-41072 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.1 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	HIGH	HIGH

CVSS2 Score: 5.8 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
unsquashfs ... unvalidated filepaths allow writing outside		MISC github.com/plougher/squashfs

unsquashfs - unvalidated filepaths allow writing outside of destination · Issue #72 · plougher/squashfs-tools · GitHub	github.com text/html	MISC github.com/plougher/squashfs-tools/issues/72#issuecomment-913833405
Unsquashfs: additional write outside destination directory exploit fix · plougher/squashfs-tools@e048580 · GitHub	github.com text/html	MISC github.com/plougher/squashfs-tools/commit/e0485802ec72996c20026da320650d8362f555bd
Debian -- Security Information -- DSA-4987-1 squashfs-tools	www.debian.org Depreciated Link text/html	DEBIAN DSA-4987

Related QID Numbers

198500 Ubuntu Security Notification for Squashfs-Tools Vulnerability (USN-5078-1)

198537 Ubuntu Security Notification for Squashfs-Tools Vulnerability (USN-5078-3)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Squashfs-tools Project	Squashfs-tools	4.5	All	All	All

cpe:2.3:a:squashfs-tools_project:squashfs-tools:4.5:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-41072 : squashfs_opendir in unsquash-2.c in Squashfs-Tools 4.5 allows Directory Traversal, a different vul… twitter.com/i/web/status/1…	2021-09-14 01:04:39

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