CVE-2021-45935

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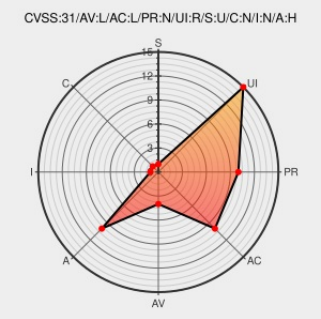
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Grok from Grok Project contain the following vulnerability:

Grok 9.5.0 has a heap-based buffer overflow in openhtj2k::T1OpenHTJ2K::decompress (called from std::__1::__packaged_task_func<std::__1::__bind<grk::T1DecompressScheduler::deco and std::__1::packaged_task<int).

CVE-2021-45935 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

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

CVSS2 Score: 4.3 - MEDIUM

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

CVE References

Description	Tags	Link
GitHub - osamu620/OpenHTJ2K: An open source implementation of	github.com	MISC github.com/osamu620/OpenHTJ2K

ITU-T Rec.814 | ISO 15444-15 (a.k.a. HTJ2K).	text/html	
39021 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail	bugs.chromium.org text/html	MISC bugs.chromium.org/p/oss-fuzz/issues/detail?id=39021
oss-fuzz-vulns/OSV-2021-1344.yaml at main · google/oss-fuzz-vulns · GitHub	github.com text/html	MISC github.com/google/oss-fuzz-vulns/blob/main/vulns/grok/OSV-2021-1344.yaml

Related QID Numbers

182943 Debian Security Update for libgrokj2k (CVE-2021-45935)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Grok Project	Grok	9.5.0	All	All	All

cpe:2.3:a:grok_project:grok:9.5.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-45935 : Grok 9.5.0 has a heap-based buffer overflow in openhtj2k::T1OpenHTJ2K::decompress called from std… twitter.com/i/web/status/1…	2022-01-01 01:09:46

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