CVE-2021-28277

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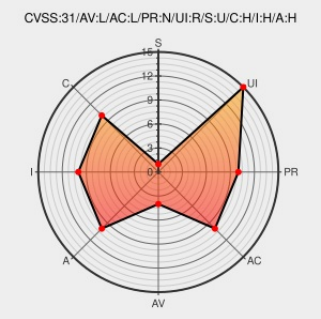
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

A Heap-based Buffer Overflow vulnerabilty exists in jhead 3.04 and 3.05 is affected by: Buffer Overflow via the RemoveUnknownSections function in jpgfile.c.

CVE-2021-28277 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.8 - HIGH

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

CVSS2 Score: 6.8 - MEDIUM

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

CVE References

Description	Tags	Link
JHead: Multiple Vulnerabilities (GLSA 202210-17) — Gentoo security	security.gentoo.org text/html	GENTOO GLSA-202210-17
A heap-based buffer overflow Read in RemoveUnknownSections in jpgfile.c · Issue #16 · Matthias-Wandel/jhead · GitHub	github.com text/html	MISC github.com/Matthias-Wandel/jhead/issues/16

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Related QID Numbers

183089 Debian Security Update for jhead (CVE-2021-28277)

199565 Ubuntu Security Notification for Jhead Vulnerabilities (USN-6110-1)

710664 Gentoo Linux JHead Multiple Vulnerabilities (GLSA 202210-17)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Jhead Project	Jhead	3.04	All	All	All
Application	Jhead Project	Jhead	3.05	All	All	All

cpe:2.3:a:jhead_project:jhead:3.04:*:*:*:*:*:*:*:

cpe:2.3:a:jhead_project:jhead:3.05:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-28277 : A Heap-based Buffer Overflow vulnerabilty exists in jhead 3.04 and 3.05 is affected by: Buffer Ove… twitter.com/i/web/status/1…	2022-03-23 21:06:24
@Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-28277 A Heap-based Buffer Overflow vulnerabilty exists in jhead 3.04 an… twitter.com/i/web/status/1…	2022-03-23 21:56:02
/r/netcve	CVE-2021-28277	2022-03-23 22:38:44

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