



CVE-2019-19035

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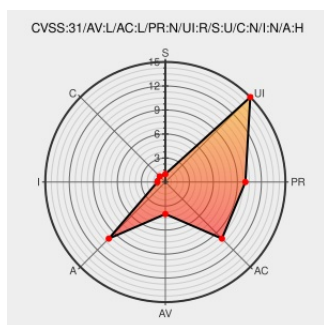
CVE-2019-19035

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Jhead](#) from [Jhead Project](#) contain the following vulnerability:

jhead 3.03 is affected by: heap-based buffer over-read. The impact is: Denial of service. The component is: ReadJpegSections and process_SOFn in jpgfile.c. The attack vector is: Open a specially crafted JPEG file.

CVE-2019-19035 has been assigned by [M](#) 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
[SECURITY] Fedora 31 Update: jhead-3.04-1.fc31 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2019-948e6ebaeb
[SECURITY] Fedora 30 Update: jhead-3.04-1.fc30 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2019-7efb86afdc

JHead: Multiple vulnerabilities (GLSA 202007-17) — Gentoo security

[security.gentoo.org](#)
[text/html](#)

 GENTOO GLSA-202007-17

1765647 – Invalid read in function ReadJpegSections and process_SOFn

[Exploit](#)
[Issue Tracking](#)
[Tool Signature](#)
[bugzilla.redhat.com](#)
[text/html](#)

 MISC
[bugzilla.redhat.com/show_bug.cgi?id=1765647](#)

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Related QID Numbers

199359 Ubuntu Security Notification for Jhead Vulnerabilities (USN-6098-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Jhead Project	Jhead	3.03	All	All	All
Application	Jhead Project	Jhead	3.03	All	All	All

cpe:2.3:a:jhead_project:jhead:3.03:****:***:

cpe:2.3:a:jhead_project:jhead:3.03:****:***:

No vendor comments have been submitted for this CVE

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