

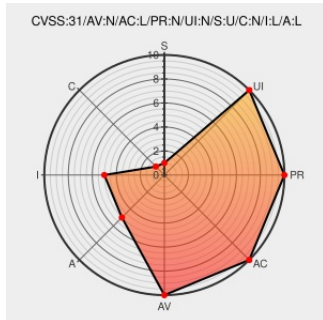


# CVE-2021-31553

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## CVE-2021-31553

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

An issue was discovered in the CheckUser extension for MediaWiki through 1.35.2. MediaWiki usernames with trailing whitespace could be stored in the cu\_log database table such that denial of service occurred for certain CheckUser extension pages and functionality. For example, the attacker could turn off Special:CheckUserLog and thus interfere

with usage tracking.

CVE-2021-31553 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>LOW</b>          | <b>LOW</b>          |

CVSS2 Score: **6.4 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                    | Tags                                                              | Link                                                                                            |
|--------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>No Description Provided</b> | <a href="#">gerrit.wikimedia.org</a><br><a href="#">text/html</a> | <b>MISC</b><br><a href="#">gerrit.wikimedia.org/r/c/mediawiki/extensions/CheckUser/+/667025</a> |

No Description Provided

gerrit.wikimedia.org

text/html

MISC

gerrit.wikimedia.org/r/c/mediawiki/extensions/CheckUser/+/666963

No Description Provided

gerrit.wikimedia.org

text/html

MISC

gerrit.wikimedia.org/r/c/mediawiki/extensions/CheckUser/+/667023

No Description Provided

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MISC

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No Description Provided

gerrit.wikimedia.org

text/html

MISC

gerrit.wikimedia.org/r/c/mediawiki/extensions/CheckUser/+/666964

T275669 Checkuser stores users to cu\_log with trailing spaces, allowing all CUs to turn off Special:CheckuserLog at will

phabricator.wikimedia.org

text/html

MISC

phabricator.wikimedia.org/T275669

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

| Type        | Vendor    | Product   | Version | Update | Edition | Language |
|-------------|-----------|-----------|---------|--------|---------|----------|
| Application | Mediawiki | Mediawiki | All     | All    | All     | All      |

cpe:2.3:a:mediawiki:mediawiki:\*\*\*\*\*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID →