



CVE-2020-35623

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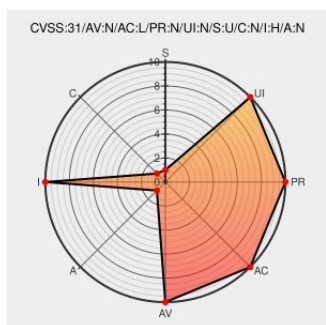
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[Source: Mitre](#)

[Source: NIST](#)

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

An issue was discovered in the CasAuth extension for MediaWiki through 1.35.1. Due to improper username validation, it allowed user impersonation with trivial manipulations of certain characters within a given username. An ordinary user may be able to login as a "bureaucrat user" who has a similar username, as demonstrated by usernames that differ only in (1) bidirectional override symbols or (2) blank space.

CVE-2020-35623 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
T263498 Logins to MW with at least one SSO client extension allows masquerading as another user (CVE-2020-35623)	Exploit Third Party Advisory	MISC phabricator.wikimedia.org/T263498

phabricator.wikimedia.org
text/html

Security: more trimmed/mapped chars in user names by sudoman
· Pull Request #11 · CWRUChielLab/CASAuth · GitHub

Patch
Third Party Advisory
github.com
text/html

 MISC
github.com/CWRUChielLab/CASAuth/pull/11

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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

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