



CVE-2022-39200

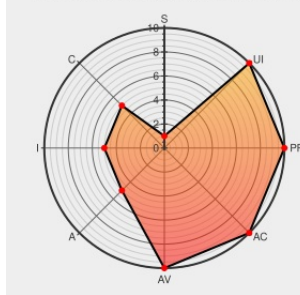
Published on: Not Yet Published

Last Modified on: 09/15/2022 06:53:00 PM UTC

CVE-2022-39200 - advisory for GHSA-pfw4-xjgm-267c

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:L



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

Dendrite is a Matrix homeserver written in Go. In affected versions events retrieved from a remote homeserver using the `/get_missing_events` path did not have their signatures verified correctly. This could potentially allow a remote homeserver to provide invalid/modified events to Dendrite via this endpoint. Note that this does not apply to events retrieved through other endpoints (e.g. `/event`, `/state`) as they have been correctly verified. Homeservers that have federation disabled are not vulnerable. The problem has been fixed in Dendrite 0.9.8. Users are advised to upgrade. There are no known workarounds for this issue.

CVE-2022-39200 has been assigned by [security-advisories@github.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [matrix-org](#) - **dendrite** version < 0.9.8

CVSS3 Score: **5.3 - MEDIUM**

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

CVE References

Description	Tags	Link
Signature checks not applied to some retrieved missing events · Advisory · matrix-org/dendrite · GitHub	github.com text/html	CONFIRM github.com/matrix-org/dendrite/security/advisories/GHSA-pfw4-xjgm-267c
Fix missing signature check on the <code>/get_missing_events</code> response · matrix-	github.com text/html	MISC github.com/matrix-org/dendrite/commit/2792d0490f3771488bad346981b8c26479a872c3

comment@cve.report

Related QID Numbers

502506 Alpine Linux Security Update for dendrite

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Matrix	Dendrite	All	All	All	All
<code>cpe:2.3:a:matrix:dendrite:*:*:*:*:*:</code>						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-39200 : Dendrite is a Matrix homeserver written in Go. In affected versions events retrieved from a remote... twitter.com/i/web/status/1...	2022-09-12 20:14:45
 @Inceptus3	New Vulnerability: CVE-2022-39200 #InceptusSecure #UnderOurProtection	2022-09-12 22:16:16
 /r/netcve	CVE-2022-39200	2022-09-12 21:38:56

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