# CVE-2022-41925

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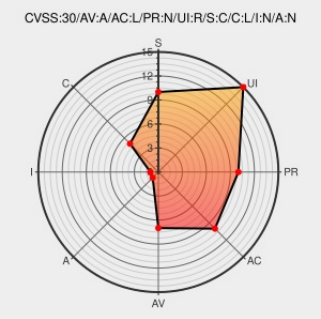
## **CVE-2022-41925** - advisory for GHSA-qccm-wmcq-pwr6

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




Certain versions of Tailscale from Tailscale contain the following vulnerability:

A vulnerability identified in the Tailscale client allows a malicious website to access the peer API, which can then be used to access Tailscale environment variables. In the Tailscale client, the peer API was vulnerable to DNS rebinding. This allowed an attacker-controlled website visited by the node to rebind DNS for the peer API to an attacker-controlled DNS server, and then making peer API requests in the client, including accessing the node's Tailscale environment variables. An attacker with access to the peer API on a node could use that access to read the node's environment variables, including any credentials or secrets stored in environment variables. This may include Tailscale authentication keys, which could then be used to add new nodes to the user's tailnet. The peer API access could also be used to learn of other nodes in the tailnet or send files via Taildrop. All Tailscale clients prior to version v1.32.3 are affected. Upgrade to v1.32.3 or later to remediate the issue.

CVE-2022-41925 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **tailscale** - **tailscale** version **< 1.32.3**

### CVSS3 Score: 8.8 - HIGH

| Attack Vector | Attack Complexity | Privileges Required | User Interaction |
|---|---|---|---|
| ADJACENT_NETWORK | LOW | NONE | REQUIRED |
| **Scope** | **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| CHANGED | HIGH | HIGH | HIGH |

### CVE References

| Description | Tags | Link |
|---|---|---|
| CVE-2022-41924 - RCE in Tailscale, DNS Rebinding, and You | | MISC: mily.id.au/tailscale |

| | | |
|---|---|---|
| CVE-2022-41924 - RCE in Tailscale, DNS Rebinding, and You | emily.id.au text/html | MISC emily.id.au/tailscale |
| Tailscale daemon is vulnerable to information disclosure via CSRF · Advisory · tailscale/tailscale · GitHub | github.com text/html | CONFIRM github.com/tailscale/tailscale/security/advisories/GHSA-qccm-wmcq-pwr6 |
| Security Bulletins · Tailscale | tailscale.com text/html | MISC tailscale.com/security-bulletins/#ts-2022-005 |



## Related QID Numbers

690993 Free Berkeley Software Distribution (FreeBSD) Security Update for tailscale (e0f26ac5-6a17-11ed-93e7-901b0e9408dc)

## Known Affected Configurations (CPE V2.3)

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

cpe:2.3:a:tailscale:tailscale:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

## Social Mentions

| Source | Title | Posted (UTC) |
|---|---|---|
| @OpenBSD_ports | abieber@ modified net/tailscale: Update tailscale to 1.32.3 This includes the fix for CVE-2022-41925 (TS-2022-005). | 2022-11-21 20:25:22 |
| /r/netcve | CVE-2022-41925 | 2022-11-23 19:38:12 |

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