# CVE-2023-33982

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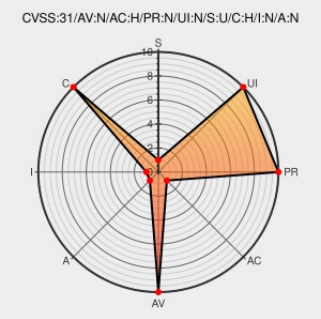
## CVE-2023-33982

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




Certain versions of Briar from Briarproject contain the following vulnerability:

Bramble Handshake Protocol (BHP) in Briar before 1.5.3 is not forward secure: eavesdroppers can decrypt network traffic between two accounts if they later compromise both accounts. NOTE: the eavesdropping is typically impractical because BHP runs over an encrypted session that uses the Tor hidden service protocol.

CVE-2023-33982 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

### CVSS3 Score: 5.9 - MEDIUM

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

### CVE References

| Description | Tags | Link |
|---|---|---|
| | ethz.ch application/pdf | MISC ethz.ch/content/dam/ethz/special-interest/infk/inst-infsec/appliedcrypto/education/theses/report_YuanmingSong.pdf |
| Three security issues found and fixed - Briar | briarproject.org text/html | MISC briarproject.org/news/2023-three-security-issues-found-and-fixed/ |

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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 | Briarproject | Briar | All | All | All | All |

cpe:2.3:a:briarproject:briar:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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