



CVE-2022-40186

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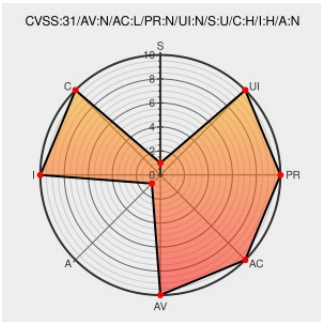
CVE-2022-40186

[Source: Mitre](#)

[Source: NIST](#)

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

An issue was discovered in HashiCorp Vault and Vault Enterprise before 1.11.3. A vulnerability in the Identity Engine was found where, in a deployment where an entity has multiple mount accessors with shared alias names, Vault may overwrite metadata to the wrong alias due to an issue with checking the proper alias assigned to an entity.

This may allow for unintended access to key/value paths using that metadata in Vault.

CVE-2022-40186 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.1 - CRITICAL**

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

CVE References

Description	Tags	Link
HashiCorp Discuss	discuss.hashicorp.com text/html	MISC discuss.hashicorp.com
HCSEC-2022-18 - Vault Entity Alias Metadata May Leak Between Aliases With The Same Name Assigned To The Same Entity - Security - HashiCorp Discuss	discuss.hashicorp.com text/html	MISC discuss.hashicorp.com/t/hcsec-2022-18-vault-entity-alias-metadata-may-leak-between-aliases-with-the-same-name-assigned-to-the-same-entity/44550

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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	Hashicorp	Vault	All	All	All	All
Application	Hashicorp	Vault	All	All	All	All

```
cpe:2.3:a:hashicorp:vault:*:*:*:-:*:*:
```

```
cpe:2.3:a:hashicorp:vault:*:*:*:enterprise:*:*:
```

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-40186 : An issue was discovered in HashiCorp Vault and Vault Enterprise before 1.11.3. A vulnerability in... twitter.com/i/web/status/1...	2022-09-22 01:07:52
 @Inceptus3	New Vulnerability: CVE-2022-40186 #InceptusSecure #UnderOurProtection	2022-09-22 05:18:27
 /r/netcve	CVE-2022-40186	2022-09-22 02:38:23

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