



CVE-2021-41802

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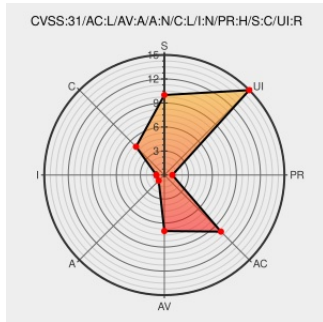
CVE-2021-41802

[Source: Mitre](#)

[Source: NIST](#)

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

HashiCorp Vault and Vault Enterprise through 1.7.4 and 1.8.3 allowed a user with write permission to an entity alias ID sharing a mount accessor with another user to acquire this other user's policies by merging their identities. Fixed in Vault and Vault Enterprise 1.7.5 and 1.8.4.

CVE-2021-41802 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.4 - MEDIUM**

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

CVSS2 Score: **5.5 - MEDIUM**

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

CVE References

Description	Tags	Link
HCSEC-2021-27 - Vault Merging Multiple Entity Aliases for the Same Mount May Allow Privilege Escalation - Security - HashiCorp Discuss	discuss.hashicorp.com text/html	MISC discuss.hashicorp.com/t/hcsec-2021-27-vault-merging-multiple-entity-aliases-for-the-same-mount-may-allow-privilege-escalation/

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Related QID Numbers

[710575](#) Gentoo Linux HashiCorp Vault Multiple Vulnerabilities (GLSA 202207-01)

[980400](#) Go (go) Security Update for github.com/hashicorp/vault (GHSA-qv95-g3gm-x542)

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-2021-41802 : HashiCorp Vault and Vault Enterprise through 1.7.4 and 1.8.3 allowed a user with write permission... twitter.com/i/web/status/1...	2021-10-08 17:01:48

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