



CVE-2021-37606

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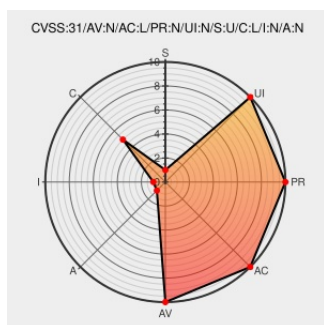
CVE-2021-37606

Source: Mitre

Source: NIST

CVE.ORG

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Certain versions of [Meow Hash](#) from [Meow Hash Project](#) contain the following vulnerability:

Meow hash 0.5/calico does not sufficiently thwart key recovery by an attacker who can query whether there's a collision in the bottom bits of the hashes of two messages, as demonstrated by an attack against a long-running web service that allows the attacker to infer collisions by measuring timing differences.

CVE-2021-37606 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

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	LOW	NONE	NONE

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
Cryptanalysis of Meow Hash Hacker News	news.ycombinator.com text/html	Y MISC news.ycombinator.com/item?id=27978878
Cryptanalysis of Meow Hash Content	meter website	MISC meter website/meow-hash-cryptanalysis

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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	Meow Hash Project	Meow Hash	0.5	All	All	All
cpe:2.3:a:meow_hash_project:meow_hash:0.5:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-37606 : Meow hash 0.5/calico does not sufficiently thwart key recovery by an attacker who can query whethe... twitter.com/i/web/status/1...	2021-07-28 19:45:24
 @LinInfoSec	Calico - CVE-2021-37606: peter.website/meow-hash-cryp...	2021-07-30 16:35:11

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