



# CVE-2026-42482

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2026-42482  |
| <b>State</b>           | PUBLISHED   |
| <b>Assigner</b>        | mitre   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2026-05-01 14:16:22 UTC   |
| <b>Updated</b>         | 2026-05-01 19:16:32 UTC   |
| <b>Description</b>     | A stack-based buffer overflow in mangle_to_hex_lower() and mangle_to_hex_upper() in src/rp_cpu.c in hashcat v7.1.2 allo |

## Risk And Classification

**Primary CVSS:** v3.1 9.8 CRITICAL from nvd@nist.gov

**CVSS:** 3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

**EPSS:** 0.000750000 probability, percentile 0.223200000 (date 2026-05-05)

**Problem Types:** CWE-787 | CWE-121 | n/a | CWE-121 CWE-121 Stack-based Buffer Overflow

| Version | Source                               | Type      | Score | Severity | Vector                                       |
|---------|--------------------------------------|-----------|-------|----------|--|
| 3.1     | nvd@nist.gov                         | Primary   | 9.8   | CRITICAL | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H |
| 3.1     | ADP                                  | DECLARED  | 7.5   | HIGH     | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H |
| 3.1     | 134c704f-9b21-4f2e-91b3-4a467353bcc0 | Secondary | 7.5   | HIGH     | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H |

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

### NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor  | Product | Version | Update | Edition | Language |
|-------------|---------|---------|---------|--------|---------|----------|
| Application | Hashcat | Hashcat | 7.1.2   | All    | All     | All      |

### Vendor Declared Affected Products

| Source | Vendor | Product | Version      | Platforms     |
|--------|--------|---------|--------------|---------------|
| CNA    | Na     | N/a     | affected n/a | Not specified |

### References

| Reference   | Source        | Link  | Tags                                      |
|---|---------------|---|---|
| <a href="https://gist.github.com/sgInnora/107f2eb20367e47d58c911e38d56a91f">gist.github.com/sgInnora/107f2eb20367e47d58c911e38d56a91f</a> | cve@mitre.org | <a href="https://gist.github.com">gist.github.com</a> | Exploit, Mitigation, Third Party Advisory |
| CVE Program record  | CVE.ORG       | <a href="https://www.cve.org">www.cve.org</a>         | canonical                                 |
| NVD vulnerability detail  | NVD           | <a href="https://nvd.nist.gov">nvd.nist.gov</a>       | canonical, analysis                       |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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