



CVE-2026-40356

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2026-40356
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-28 07:16:03 UTC
Updated	2026-04-28 07:16:03 UTC
Description	In MIT Kerberos 5 (aka krb5) before 1.22.3, there is an integer underflow and resultant out-of-bounds read if an application

Risk And Classification

Primary CVSS: v3.1 5.9 MEDIUM from cve@mitre.org

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

Problem Types: CWE-191 | CWE-191 CWE-191 Integer Underflow (Wrap or Wraparound)

Version	Source	Type	Score	Severity	Vector
3.1	cve@mitre.org	Secondary	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	CVSS	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	MIT	Kerberos 5	affected 1.18 1.22.3 custom	Not specified

References

Reference	Source	Link	Tags
web.mit.edu/kerberos/advisories	cve@mitre.org	web.mit.edu	
cems.fun/2026/04/27/krb5-two-unauthenticated-network-vulnerabilities.html	cve@mitre.org	cems.fun	
github.com/krb5/krb5/commit/2e75f0d9362fb979f5fc92829431a590a130929f	cve@mitre.org	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	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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