



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



NVIDIA Riva Security Update
Tracking #:432316968
Date:13-03-2025

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that NVIDIA has released a security update for NVIDIA Riva, addressing multiple vulnerabilities that could lead to improper access control, privilege escalation, data tampering, denial of service (DoS), and information disclosure.

TECHNICAL DETAILS:

NVIDIA has released a security update for NVIDIA Riva, addressing multiple vulnerabilities that could lead to improper access control, privilege escalation, data tampering, denial of service (DoS), and information disclosure.

Vulnerability Information

1. **CVE-2025-23242**
 - Severity: High (CVSS Base Score: 7.3)
 - Vector: AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:L
 - Impact: Escalation of privileges, data tampering, denial of service, information disclosure
 - CWE: CWE-284 (Improper Access Control)
2. **CVE-2025-23243**
 - Severity: High (CVSS Base Score: 6.5)
 - Vector: AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:L
 - Impact: Data tampering, denial of service
 - CWE: CWE-284 (Improper Access Control)

Affected Products

- **Product:** NVIDIA Riva
- **Platform:** Linux
- **Affected Versions:** All versions up to and including 2.18.0
- **Fixed Version:** 2.19.0

RECOMMENDATIONS:

- Upgrade NVIDIA Riva to the fixed version which contains the security patches for both vulnerabilities

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- https://nvidia.custhelp.com/app/answers/detail/a_id/5625