مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Security Updates - NVIDIA

Tracking #:432318692

Date:31-03-2026

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that NVIDIA has released security updates to address multiple vulnerabilities in its products.

TECHNICAL DETAILS:

NVIDIA has released security updates to address multiple vulnerabilities in the **BioNeMo Framework** and **Jetson/IGX platforms**. These vulnerabilities are primarily high severity and could allow attackers to achieve remote code execution, privilege escalation, information disclosure, data tampering, or denial-of-service (DoS).

Vulnerability Details
High-Severity Vulnerabilities:
CVE-2026-24164

- A deserialization of untrusted data vulnerability in BioNeMo Framework could allow an attacker to execute arbitrary code, cause denial of service, disclose sensitive information, or tamper with data.

CVE-2026-24165

- Similar to CVE-2026-24164, this flaw allows exploitation via unsafe deserialization, leading to code execution, denial of service, information disclosure, and data tampering.

CVE-2026-24148

- An insecure initialization issue in Jetson devices may allow attackers to exploit default configurations, potentially resulting in information disclosure, data tampering, and partial denial of service across systems sharing the same machine ID.

CVE-2026-24154

- A vulnerability in the initrd component allows attackers with physical access to inject malicious command-line arguments, which may lead to code execution, privilege escalation, denial of service, data tampering, and information disclosure.

Medium-Severity Vulnerability:
CVE-2026-24153

- The nvluks trusted application is not disabled, potentially allowing unauthorized information disclosure.

Affected Products
BioNeMo Framework

- Platform: Linux
- Affected Versions: All versions that do not include commit **e5e58c8**

Jetson & IGX Devices

- Jetson Xavier Series
- Jetson Orin Series
- Jetson Thor
- Platform: Jetson Linux

Affected versions:

- Versions prior to **35.6.4**
- Versions prior to **36.5**
- Version **38.2**

Fixed Versions

BioNeMo Framework

- Update to any version that includes commit **e5e58c8** or later

Jetson Xavier Series, Jetson Orin Series, and Jetson Thor

- Upgrade to:
  - **35.6.4 or later**
  - **36.5 or later**
  - **38.4**

RECOMMENDATIONS:

The UAE Cyber Security Council recommends updating the affected versions to the fixed or latest versions released by NVIDIA.

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/5808
- https://nvidia.custhelp.com/app/answers/detail/a_id/5797