



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Security Updates – NVIDIA**

Tracking #:432316455

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## EXECUTIVE SUMMARY:

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

## TECHNICAL DETAILS:

NVIDIA has released security updates to address multiple high-severity vulnerabilities affecting its ConnectX and BlueField products. These vulnerabilities could potentially allow attackers to exploit systems for malicious purposes, including denial of service, data tampering, and limited information disclosure.

### High- Severity Vulnerabilities:

- **CVE-2024-0105**
  - CVSS Score 8.9
  - A vulnerability in NVIDIA ConnectX firmware could allow an attacker to exploit insufficient privileges to cause denial of service, data tampering, or limited information disclosure.
- **CVE-2024-0106**
  - CVSS Score 8.7
  - A vulnerability in NVIDIA ConnectX Host Firmware for BlueField DPUs could allow an attacker to exploit insufficient privileges to cause denial of service, data tampering, or limited information disclosure.

Affected Products	Platform or OS	Affected Versions	Updated Version	Updated BlueField Bundle DOCA Version
ConnectX4	N/A	All versions prior to 12.28.2302	12.28.2302 or later	N/A
ConnectX4 LX	N/A	All versions prior to xx.32.1900	xx.32.1900 or later	N/A
ConnectX GA	ConnectX 6, ConnectX 6 DX, ConnectX 6 LX, ConnectX 7	All versions prior to xx.41.1000	xx.41.1000 or later	N/A
ConnectX LTS22	ConnectX 5, ConnectX 6, ConnectX 6 DX, ConnectX 6 LX, ConnectX 7	All versions prior to xx.35.4030	xx.35.4030 or later	N/A
ConnectX LTS23	ConnectX 6, ConnectX 6 DX, ConnectX 6 LX, ConnectX 7	All versions prior to xx.39.3560	xx.39.3560 or later	N/A
BlueField 1	N/A	All versions prior to 18.31.1014	Contact NVIDIA Customer Program Manager	N/A
BlueField GA	BlueField 2, BlueField 3	All versions prior to xx.41.1000	xx.41.1000 or later	2.7.0 or later
BlueField LTS22	BlueField 2	All versions prior to xx.35.4030	xx.35.4030 or later	1.5.3 or later
BlueField LTS23	BlueField 2, BlueField 3	All versions prior to xx.39.3560	xx.39.3560 or later	2.5.2 or later

## RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the security updates recently 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/5562](https://nvidia.custhelp.com/app/answers/detail/a_id/5562)