

مجلس الأمان السيبراني
CYBER SECURITY COUNCIL



United Arab Emirates

Security Updates-NVIDIA NVDebug Tool

Tracking #:432317704

Date:15-09-2025

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that NVIDIA has released a security update for its NVDebug Tool to address multiple high-severity vulnerabilities.

TECHNICAL DETAILS:

NVIDIA has released a security update for its NVDebug Tool to address multiple high-severity vulnerabilities.

CVE ID	Description	Score	Severity	Potential Impact
CVE-2025-23342	Vulnerability allowing unauthorized access to a privileged account, potentially leading to code execution, denial of service, escalation of privileges, information disclosure, and data tampering.	8.2	High	Code execution, privilege escalation, DoS, info disclosure, tampering
CVE-2025-23343	Vulnerability allowing an attacker to write files to restricted components, which may result in information disclosure, data tampering, and denial of service.	7.6	High	Info disclosure, tampering, DoS
CVE-2025-23344	Vulnerability allowing non-privileged users to run arbitrary code on the host system, potentially leading to code execution, denial of service, privilege escalation, information disclosure, and tampering.	7.3	High	Code execution, privilege escalation, info disclosure, tampering, DoS

CVE IDs Addressed	Affected Product	Platform/OS	Affected Versions	Patched Version
CVE-2025-23252	NVIDIA NVDebug Tool	x86_64, arm64-SBSA	All versions prior to 1.7.0	1.7.0 and later
CVE-2025-23343				
CVE-2025-23344				

RECOMMENDATIONS:

- Upgrade NVDebug Tool to fixed version or later from the official NVIDIA Developer Tools page.

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/5696