

Security Bulletin

Vulnerability in NVIDIA Jetson

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TLP:CLEAR

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List of changes

Version	Date	Description
0.1	2024/11/06	Initial Eviden version
0.2	2025/07/03	Changed statuses for Unpatched
0.3	2025/09/11	TLP changed for CLEAR

Executive summary

NVIDIA Jetson Linux contains a vulnerability in NvGPU where error handling paths in GPU MMU mapping code fail to clean up a failed mapping attempt. A successful exploit of this vulnerability may lead to denial of service, code execution, and escalation of privileges. Affected Products: NVIDIA Jetson AGX Xavier series, Jetson Xavier NX, Jetson TX2 series, Jetson TX2 NX, Jetson TX1, Jetson Nano series

Vulnerability Info

CVE No.	CVSS Score	Type of Vulnerability
CVE-2024-0108	8.7	CWE-755 Improper Handling of Exceptional Conditions

Eviden is liaising closely with its suppliers and investigating the exact nature of these vulnerabilities to provide validated remediation.

Affected components

Components	Fixed version	Status	Comments
NVIDIA Jetson	32.7.5	Fixed	Affected Versions: All versions prior to and including 32.7.4

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The tables below provide the Technical State to apply to implement the fixes on Eviden products.

Note: The first row provides the currently recommended combination of firmware. The detail per vulnerability is given below.

TS (technical state) with no number indicates that a new technical state fixing the vulnerabilities is scheduled.

TBD (to be defined) indicates that a new technical state fixing the vulnerabilities is under study.

Unpatched means that the vulnerability is presumably present, but there is no plan to provide a fix. This can be investigated on demand.

List of Enterprise and Edge servers

Products	Fixed version	Status	Remaining vulnerabilities
BullSequana ES	Unpatched	Unpatched	
BullSequana Edge Nano	Unpatched	Unpatched	

Recommendations

Eviden recommends applying its Technical States upgrade on its servers as soon as they are made available.

Available Vendor Patches

No validated patch is available at the time. Eviden is working with its suppliers to distribute updates as soon as possible.

Technical States links for Eviden servers are reminded in the table below.

Product	Technical State link
Bull Sequana S	https://support.bull.com/ols/product/platforms/bullion/bullsequana-s/dl/pkgf/technical-state-dvd-packages
Bull Sequana SA	https://support.bull.com/ols/product/platforms/bullion/bullsequana-sa-servers/dl/pkgf/pkg
Bull Sequana SH	https://support.bull.com/ols/product/platforms/bullion/bullsequana-sh/dl/pkgf/pkg
Bull Sequana E	https://support.bull.com/ols/product/platforms/bullion/bullsequana-edge-servers/dl/pkgf/pkgf
Bull Sequana X1000	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x1000/dl/pkgf/pkg
Bull Sequana XH2000	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/xh2000/dl/pkgf/pkg
Bull Sequana XH3000	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/xh3000/dl/pkgf/pkg
Bull Sequana X400-E5	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x400/dl/pkgf/pkgx400e5
Bull Sequana X400-E7	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x400/dl/pkgf/pkgx400e7

Bull Sequana X400-A5	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x400/dl/pkgf/pkgx400a5
Bull Sequana X400-A6	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x400/dl/pkgf/pkgx400a6
Bull Sequana X550	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x550
Bull Sequana X800 / QLM	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x800/dl/pkgf/pkg

Available Workarounds

No workaround is available.

Available Mitigations

No mitigation identified.

Available Exploits/PoC

Eviden is not aware of any exploitation of the reported vulnerabilities.

References

1. https://nvidia.custhelp.com/app/answers/detail/a_id/5555

Glossary of terms

Term	Description
Mitigation	Refers to a setting, common configuration, or general best-practice, existing in a default state that could reduce the severity of exploitation of a vulnerability
Neutralization	The neutralization phase is the decision-making process during which the risk posed by an incident is evaluated.
PoC	Proof of Concept
Remediation	The remediation phase ends with the delivering of a qualified solution/update fixing the vulnerability without regression.
TI	Threat Intelligence
TLP	Traffic Light Protocol (TLP) FIRST Standards Definitions and Usage Guidance — Version 2.0. https://www.first.org/tlp/
Workaround	Refers to a setting or configuration change that does not correct the underlying vulnerability but would help block known attack vectors before you apply the update

About this document

Eviden continuously monitors the security of its products. This Security Bulletin is shared under the constraints of the FIRST Traffic Light Protocol version 2.0 (TLP) to bring the attention of owners of the potentially affected Eviden products. Eviden recommends that all product owners determine whether the described situation is applicable to their individual case and take appropriate action.

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- Neutralization security bulletins are numbered 0.x
- Privately disclosed Remediation security bulletins are numbered 1.x
- Publicly disclosed Remediation security bulletins are numbered 2.x

Updated versions of this document can be found on:

- <https://support.bull.com/ols/product/security/psirt>

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