

## Security Bulletin

# Vulnerability in GNU glibc

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Status	:	Remediation
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## List of changes

Version	Date	Description
2.1	2025/11/06	Initial Eviden remediation version
2.2	2025/11/21	Title changed

## Executive summary

Untrusted LD\_LIBRARY\_PATH environment variable vulnerability in the GNU C Library version 2.27 to 2.38 allows attacker controlled loading of dynamically shared library in statically compiled setuid binaries that call dlopen (including internal dlopen calls after setlocale or calls to NSS functions such as getaddrinfo).

## Vulnerability Info

CVE No.	CVSS Score	Type of Vulnerability
<a href="#">CVE-2025-4802</a>	9.8	CWE-426 Untrusted Search Path

Eviden is investigating the exact nature of these vulnerabilities to provide validated remediation.

## Affected components

Products	Fixed version	Status	Comments
GNU glibc	2.38	Fixed	

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TBD (to be defined) indicates that a new version 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 HPC Management products

Products	Fixed version	Status	Comment
SDMS	Unpatched	Unpatched	Affected version: 5.x. SDMS will be replaced with upcoming Argos 2.1
SEMS	Unpatched	Unpatched	Affected version: 4.1x. SEMS will be replaced with upcoming Argos 2.1
BullSequana ARGOS	2.0	Fixed	Affected version: 1.1

## Recommendations

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

## Available Vendor Patches

Fix version from vendor is 2.38

## 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://securityonline.info/glibc-vulnerability-cve-2025-4802-puts-millions-of-linux-systems-at-risk-of-code-execution/>
2. <http://www.openwall.com/lists/oss-security/2025/05/16/7>
3. [https://sourceware.org/bugzilla/show\\_bug.cgi?id=32976](https://sourceware.org/bugzilla/show_bug.cgi?id=32976)
4. <https://sourceware.org/cgiit/glibc/commit/?id=1e18586c5820e329f741d5c710275e165581380e>
- 5.

## 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. <a href="https://www.first.org/tlp/">https://www.first.org/tlp/</a>
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

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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

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

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