



# sealed-env: TOTP secret embedded in unseal token payload (enterprise mode)

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2026-45091
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-12 14:17:08 UTC
<b>Updated</b>	2026-05-12 14:17:08 UTC
<b>Description</b>	sealed-env is a cross-stack, zero-trust secret management library for Node.js and Java/Spring Boot. In sealed-env enterprise mode, the TOTP secret is embedded in the unseal token payload.

## Risk And Classification

**Primary CVSS:** v3.1 9.1 CRITICAL from security-advisories@github.com

**CVSS:** 3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N

**Problem Types:** CWE-200 | CWE-522 | CWE-200 CWE-200: Exposure of Sensitive Information to an Unauthorized Actor | CWE-522 CWE-522: Insufficiently Protected Credentials

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N
3.1	CNA	DECLARED	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

None

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Davidalmeidac</a>	<a href="#">Sealed-env</a>	affected < 0.1.0-alpha.4	Not specified

### References

Reference	Source	Link	Tags
<a href="https://github.com/davidalmeidac/sealed-env/security/advisories/GHSA-x3r2-fj3r-g5mv">github.com/davidalmeidac/sealed-env/security/advisories/GHSA-x3r2-fj3r-g5mv</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="https://github.com">github.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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