



# tinacms vulnerable to arbitrary code execution

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

## Summary

<b>CVE</b>	CVE-2025-68278
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2025-12-18 16:15:57 UTC
<b>Updated</b>	2026-04-10 17:34:56 UTC
<b>Description</b>	Tina is a headless content management system. In tinacms prior to version 3.1.1, tinacms uses the gray-matter package in

## Risk And Classification

**Primary CVSS:** v4.0 7.3 HIGH from security-advisories@github.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:P/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

**Problem Types:** CWE-94 | CWE-94 CWE-94: Improper Control of Generation of Code ('Code Injection')

Version	Source	Type	Score	Severity	Vector
4.0	security-advisories@github.com	Secondary	7.3	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:P/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	DECLARED	7.3	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:P/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
3.1	nvd@nist.gov	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

## CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

Passive

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:P/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX:MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

### CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ssw	Tinacms	All	All	All	All
Application	Ssw	Tinacms/cli	All	All	All	All
Application	Ssw	Tinacms/graphql	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
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CNA	<a href="#">Tinacms</a>	<a href="#">Tinacms</a>	affected tinacms < 3.1.1	Not specified
CNA	<a href="#">Tinacms</a>	<a href="#">Tinacms</a>	affected @tinacms/cli < 2.0.4	Not specified
CNA	<a href="#">Tinacms</a>	<a href="#">Tinacms</a>	affected @tinacms/graphql < 2.0.3	Not specified

## References

Reference	Source	Link	Tags
<a href="https://github.com/tinacms/tinacms/security/advisories/GHSA-529f-9qwm-9628">github.com/tinacms/tinacms/security/advisories/GHSA-529f-9qwm-9628</a>	security-advisories@github.com	<a href="https://github.com">github.com</a>	Explo
<a href="https://github.com/tinacms/tinacms/commit/fa7c27abef968e3f3a3e7d564f282bc566087569">github.com/tinacms/tinacms/commit/fa7c27abef968e3f3a3e7d564f282bc566087569</a>	security-advisories@github.com	<a href="https://github.com">github.com</a>	Patcl
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	cano
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	cano

No vendor comments have been submitted for this CVE.

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

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