



elabftw allows MFA bypass during login

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

Summary

CVE	CVE-2026-28510
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-05 13:16:28 UTC
Updated	2026-05-12 13:58:22 UTC
Description	eLabFTW is an open source electronic lab notebook. In elabftw versions through 5.4.1, the login flow did not reliably preser

Risk And Classification

Primary CVSS: v3.1 5.9 MEDIUM from security-advisories@github.com

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

EPSS: 0.000450000 probability, percentile 0.139180000 (date 2026-05-12)

Problem Types: CWE-302 | CWE-302 CWE-302: Authentication Bypass by Assumed-Immutable Data

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:H/UI:N/S:U/C:H/I:H/A:N
3.1	CNA	DECLARED	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:H/UI:N/S:U/C:H/I:H/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Elabftw	Elabftw	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Elabftw	Elabftw	affected = 5.4.1	Not specified

References

Reference	Source	Link	Tags
github.com/elabftw/elabftw/commit/8b7a575aef128870861187eaa2b2f0f08654ecf9	security-advisories@github.com	github.com	Patch
github.com/elabftw/elabftw/security/advisories/GHSA-x5wv-c9q4-fj65	security-advisories@github.com	github.com	Mitiga
CVE Program record	CVE.ORG	www.cve.org	canon
NVD vulnerability detail	NVD	nvd.nist.gov	canon

No vendor comments have been submitted for this CVE.

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

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