



OpenOLAT: Server-Side Template Injection (SSTI) in Velocity templates allows Remote Code Execution

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

Summary

CVE	CVE-2026-28228
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-30 21:17:08 UTC
Updated	2026-04-01 14:24:02 UTC
Description	OpenOlat is an open source web-based e-learning platform for teaching, learning, assessment and communication. Prior to

Risk And Classification

Primary CVSS: v3.1 8.8 HIGH from security-advisories@github.com

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

EPSS: 0.000470000 probability, percentile 0.146370000 (date 2026-04-01)

Problem Types: CWE-1336 | CWE-1336 CWE-1336: Improper Neutralization of Special Elements Used in a Template Engine

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	OpenOLAT	OpenOLAT	affected < 19.1.31	Not specified
CNA	OpenOLAT	OpenOLAT	affected < 20.1.18	Not specified
CNA	OpenOLAT	OpenOLAT	affected < 20.2.5	Not specified

References

Reference	Source	Link	Tags
github.com/OpenOLAT/OpenOLAT/security/advisories/GHSA-55qg-vvgj-ffh4	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, a

No vendor comments have been submitted for this CVE.

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

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