



SiYuan vulnerable to arbitrary file read

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2026-23850
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-01-19 20:15:49 UTC
Updated	2026-04-29 01:00:01 UTC
Description	SiYuan is a personal knowledge management system. In versions prior to 3.5.4, the markdown feature allows unrestricted s

Risk And Classification

Primary CVSS: v4.0 7.8 HIGH from security-advisories@github.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:L/VA:N/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-22 | CWE-22 CWE-22: Improper Limitation of a Pathname to a Restricted Directory ('Path Traversal')

Version	Source	Type	Score	Severity	Vector
4.0	security-advisories@github.com	Secondary	7.8	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:L/VA:N/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	7.8	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:L/VA:N/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	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

High

Integrity

Low

Availability

None

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:L/VA:N/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

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	B3log	Siyuan	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Siyuan-note	Siyuan	affected < 3.5.4	Not specified

References

Reference	Source	Link	Tags
github.com/siyuan-note/siyuan/commit/f8f4b517077b92c90c0d7b51ac11be1b34b...	security-advisories@github.com	github.com	Patch
github.com/siyuan-note/siyuan/issues/16860	security-advisories@github.com	github.com	Issue
github.com/siyuan-note/siyuan/blob/v3.4.2/kernel/api/filetree.go	security-advisories@github.com	github.com	Produ
github.com/siyuan-note/siyuan/blob/master/kernel/model/file.go	security-advisories@github.com	github.com	Produ
github.com/siyuan-note/siyuan/commit/b2274baba2e11c8cf8901b0c5c871e5b27f...	security-advisories@github.com	github.com	Patch
github.com/siyuan-note/siyuan/security/advisories/GHSA-cv54-7wv7-qxcw	security-advisories@github.com	github.com	Explo
CVE Program record	CVE.ORG	www.cve.org	canor
NVD vulnerability detail	NVD	nvd.nist.gov	canor

No vendor comments have been submitted for this CVE.

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

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