



# mcp-server-git's unrestricted git\_init tool allows repository creation at arbitrary filesystem locations

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

## Summary

<b>CVE</b>	CVE-2025-68143
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2025-12-17 23:16:04 UTC
<b>Updated</b>	2026-04-14 15:30:51 UTC

**Description** Model Context Protocol Servers is a collection of reference implementations for the model context protocol (MCP). In mcp-s

## Risk And Classification

**Primary CVSS:** v4.0 6.5 MEDIUM from security-advisories@github.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:P/VC:N/VI:N/VA:N/SC:H/SI:H/SA:H/E:X/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

**EPSS:** 0.000260000 probability, percentile 0.072610000 (date 2026-04-15)

**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	6.5	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:P/VC:N/VI:N/VA:N/SC:H/SI:H/SA:H/E:X/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	6.5	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:P/VC:N/VI:N/VA:N/SC:H/SI:H/SA:H/E:X/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  
**None**

User Interaction

Passive

Confidentiality

None

Integrity

None

Availability

None

Sub Conf.

High

Sub Integrity

High

Sub Availability

High

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:P/VC:N/VI:N/VA:N/SC:H/SI:H/SA:H/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MS:C:X/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	Lfprojects	Model Context Protocol Servers	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
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Source	Vendor	Product	Version	Reference
CNA	<a href="#">Modelcontextprotocol</a>	<a href="#">Servers</a>	affected < 2025.9.25	Not specified

## References

Reference	Source	Link	Tags
<a href="https://github.com/modelcontextprotocol/servers/security/advisories/GHSA-5cgr-j3...">github.com/modelcontextprotocol/servers/security/advisories/GHSA-5cgr-j3...</a>	security-advisories@github.com	<a href="#">github.com</a>	Vendor
<a href="https://github.com/modelcontextprotocol/servers/commit/eac56e7bcde48fb64d5a97392...">github.com/modelcontextprotocol/servers/commit/eac56e7bcde48fb64d5a97392...</a>	security-advisories@github.com	<a href="#">github.com</a>	Patch
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://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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