



# gittuf: Policy can be rolled back to prior valid version

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

## Summary

<b>CVE</b>	CVE-2026-44544
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-14 18:16:50 UTC
<b>Updated</b>	2026-05-14 18:27:25 UTC
<b>Description</b>	gittuf is a platform-agnostic Git security system. Prior to 0.14.0, an attacker with push access to gittuf's Reference State Log

## Risk And Classification

**Primary CVSS:** v4.0 4.9 MEDIUM from security-advisories@github.com

**CVSS:**4.0/AV:N/AC:H/AT:P/PR:L/UI:N/VC:N/VI:N/VA:N/SC:N/SI:H/SA:N/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:** 0.000380000 probability, percentile 0.116090000 (date 2026-05-17)

**Problem Types:** CWE-639 | CWE-639 CWE-639: Authorization Bypass Through User-Controlled Key

Version	Source	Type	Score	Severity	Vector
4.0	security-advisories@github.com	Secondary	4.9	MEDIUM	CVSS:4.0/AV:N/AC:H/AT:P/PR:L/UI:N/VC:N/VI:N/VA:N/SC:N/SI:H/SA:N/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	4.9	MEDIUM	CVSS:4.0/AV:N/AC:H/AT:P/PR:L/UI:N/VC:N/VI:N/VA:N/SC:N/SI:H/SA:N/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

## CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

High

Attack Requirements

Present

Privileges Required

Low

User Interaction

None

Confidentiality

None

Integrity

None

Availability

None

Sub Conf.

None

Sub Integrity

High

Sub Availability

None

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Gittuf</a>	<a href="#">Gittuf</a>	affected < 0.14.0	Not specified

### References

Reference	Source	Link	Tags
<a href="https://github.com/gittuf/gittuf/security/advisories/GHSA-vxvc-cg7j-rwqj">github.com/gittuf/gittuf/security/advisories/GHSA-vxvc-cg7j-rwqj</a>	security-advisories@github.com	<a href="#">github.com</a>	
<a href="https://github.com/gittuf/gittuf/commit/dd76efa505f9137a4a9a625c5ac67b333365a1b8">github.com/gittuf/gittuf/commit/dd76efa505f9137a4a9a625c5ac67b333365a1b8</a>	security-advisories@github.com	<a href="#">github.com</a>	
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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