# authd Denial of Service and Local Privilege Escalation

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2026-6970 |
| **State** | PUBLISHED |
| **Assigner** | canonical |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2026-04-27 16:16:46 UTC |
| **Updated** | 2026-04-27 18:35:53 UTC |
| **Description** | authd prior to version 0.6.4 contains a logic error in primary group ID assignment that can lead to local privilege escalation. |

## Risk And Classification

**Primary CVSS:** v4.0 7.3 HIGH from security@ubuntu.com

CVSS:4.0/AV:L/AC:L/AT:P/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/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/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

**Problem Types:** CWE-842 | CWE-842 CWE-842 Placement of user into incorrect group

| Version | Source | Type | Score | Severity | Vector |
|---|---|---|---|---|---|
| 4.0 | security@ubuntu.com | Secondary | 7.3 | HIGH | CVSS:4.0/AV:L/AC:L/AT:P/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X |
| 4.0 | CNA | CVSS | 7.3 | HIGH | CVSS:4.0/AV:L/AC:L/AT:P/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N |

## CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

Present

Privileges Required

Low

User Interaction

None

Confidentiality

High

Integrity

High

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:P/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/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/MSC:X/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 | Canonical | Authd | affected 0.6.0 0.6.4 semver | Linux |
| CNA | Canonical | Authd | affected 0.6.1 0.6.1ubuntu0.1 ubuntu-resolute | Linux |

## References

| Reference | Source | Link | Tags |
|---|---|---|---|
| github.com/canonical/authd/commit/154b428305cb1a7a19c897626fefd09d6dde8b9f | security@ubuntu.com | github.com | |
| github.com/canonical/authd/security/advisories/GHSA-fg3j-5w9g-hmg7 | security@ubuntu.com | github.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, anal |

No vendor comments have been submitted for this CVE.

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