



Wazuh: Pre-auth stack-based buffer overflow in wazuh-remoted print_hex_string() due to signed char promotion on x86_64

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

Summary

CVE CVE-2026-28221**State** PUBLISHED**Assigner** GitHub_M**Source Priority** CVE Program / NVD first with legacy fallback**Published** 2026-04-29 19:16:23 UTC**Updated** 2026-04-30 20:34:42 UTC**Description** Wazuh is a free and open source platform used for threat prevention, detection, and response. From version 4.8.0 to before

Risk And Classification

Primary CVSS: v3.1 8.2 HIGH from nvd@nist.gov**CVSS:** 3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:H**EPSS:** 0.000680000 probability, percentile 0.206810000 (date 2026-05-05)**Problem Types:** CWE-121 | CWE-400 | CWE-121 CWE-121: Stack-based Buffer Overflow | CWE-400 CWE-400: Uncontrolled Resource Consumption

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	8.2	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:H
3.1	security-advisories@github.com	Secondary	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:L
3.1	CNA	DECLARED	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:L

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

Low

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Wazuh	Wazuh	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Wazuh	Wazuh	affected >= 4.8.0, < 4.14.4	Not specified

References

Reference	Source	Link	Tags
github.com/wazuh/wazuh/releases/tag/v4.14.4	security-advisories@github.com	github.com	Release N
github.com/wazuh/wazuh/security/advisories/GHSA-q9vv-7w4c-f4cm	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com	Exploit, Ve
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	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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