



Proxy configuration command injection vulnerability found in GitHub Enterprise Server Management Console configuration API

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

Summary

CVE	CVE-2026-4821
State	PUBLISHED
Assigner	GitHub_P
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-21 23:16:22 UTC
Updated	2026-04-22 21:23:52 UTC
Description	An improper neutralization of special elements vulnerability was identified in GitHub Enterprise Server that allowed an autho

Risk And Classification

Primary CVSS: v4.0 8.1 HIGH from product-cna@github.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:N/VI:H/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: 0.000140000 probability, percentile 0.025500000 (date 2026-04-22)

Problem Types: CWE-78 | CWE-78 CWE-78 Improper neutralization of special elements used in an OS command ('OS command injection')

Version	Source	Type	Score	Severity	Vector
4.0	product-cna@github.com	Secondary	8.1	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:N/VI:H/VA:N/SC:N/SI:H/SA:N
4.0	CNA	CVSS	8.1	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:N/VI:H/VA:N/SC:N/SI:H/SA:N

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

High

User Interaction

None

Confidentiality

None

Integrity

High

Availability

None

Sub Conf.

None

Sub Integrity

High

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:N/VI:H/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	GitHub	Enterprise Server	affected 3.20.0 3.20.1 semver	Not specified
CNA	GitHub	Enterprise Server	affected 3.19.0 3.19.4 semver	Not specified
CNA	GitHub	Enterprise Server	affected 3.18.0 3.18.7 semver	Not specified
CNA	GitHub	Enterprise Server	affected 3.17.0 3.17.13 semver	Not specified
CNA	GitHub	Enterprise Server	affected 3.16.0 3.16.16 semver	Not specified
CNA	GitHub	Enterprise Server	affected 3.15.0 3.15.20 semver	Not specified
CNA	GitHub	Enterprise Server	affected 3.14.0 3.14.25 semver	Not specified

References

Reference	Source	Link	Tags
docs.github.com/en/enterprise-server@3.18/admin/release-notes	product-cna@github.com	docs.github.com	
docs.github.com/en/enterprise-server@3.17/admin/release-notes	product-cna@github.com	docs.github.com	
docs.github.com/en/enterprise-server@3.15/admin/release-notes	product-cna@github.com	docs.github.com	
docs.github.com/en/enterprise-server@3.19/admin/release-notes	product-cna@github.com	docs.github.com	
docs.github.com/en/enterprise-server@3.14/admin/release-notes	product-cna@github.com	docs.github.com	
docs.github.com/en/enterprise-server@3.16/admin/release-notes	product-cna@github.com	docs.github.com	
docs.github.com/en/enterprise-server@3.20/admin/release-notes	product-cna@github.com	docs.github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Discovery Credit

CNA: Seokchan Yoon (en)

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

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