



# Russh: Pre-auth DoS via unbounded allocation in keyboard-interactive auth

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

## Summary

<b>CVE</b>	CVE-2026-42189
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-08 20:16:31 UTC
<b>Updated</b>	2026-05-14 18:07:22 UTC
<b>Description</b>	Russh is a Rust SSH client & server library. Prior to version 0.60.1, a pre-authentication denial-of-service vulnerability exists

## Risk And Classification

**Primary CVSS:** v3.1 7.5 HIGH from security-advisories@github.com

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

**EPSS:** 0.001870000 probability, percentile 0.401650000 (date 2026-05-18)

**Problem Types:** CWE-770 | CWE-789 | CWE-770 CWE-770: Allocation of Resources Without Limits or Throttling | CWE-789 CWE-789: Memory Allocation with Excessive Size Value

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	DECLARED	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Russh Project</a>	<a href="#">Russh</a>	All	All	All	All
Application	<a href="#">Wargate Project</a>	<a href="#">Wargate</a>	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Eugeny</a>	<a href="#">Russh</a>	affected < 0.60.1	Not specified

### References

Reference	Source	Link
<a href="https://github.com/Eugeny/russh/releases/tag/v0.60.1">github.com/Eugeny/russh/releases/tag/v0.60.1</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="https://github.com">github.com</a>
<a href="https://github.com/Eugeny/russh/security/advisories/GHSA-f5v4-2wr6-hqmg">github.com/Eugeny/russh/security/advisories/GHSA-f5v4-2wr6-hqmg</a>	134c704f-9b21-4f2e-91b3-4a467353bcc0	<a href="https://github.com">github.com</a>
<a href="https://github.com/Eugeny/russh/commit/6c3c80a9b6d60763d6227d60fa8310e57172a4d1">github.com/Eugeny/russh/commit/6c3c80a9b6d60763d6227d60fa8310e57172a4d1</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="https://github.com">github.com</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

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

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