

CVE-2025-48038

# Unverified File Handles can Cause Excessive Use of System Resources

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## Weakness Type (CWE)

[CWE-770 — CWE-770 Allocation of Resources Without Limits or Throttling](#)

## CAPEC

[CAPEC-130 — CAPEC-130 Excessive Allocation](#)[CAPEC-131 — CAPEC-131 Resource Leak Exposure](#)

## CVSS 4.0 Score

# 5.3

MEDIUM
[CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N](#)

## Vulnerability description

Allocation of Resources Without Limits or Throttling vulnerability in Erlang OTP ssh (ssh\_sftp modules) allows Excessive Allocation, Resource Leak Exposure.

This vulnerability is associated with program files `lib/ssh/src/ssh_sftpd.erl`.

This issue affects OTP form OTP 17.0 until OTP 28.0.3, OTP 27.3.4.3 and 26.2.5.15 corresponding to ssh from 3.0.1 until 5.3.3, 5.2.11.3 and 5.1.4.12.

## Affected

pkg:otp/ssh

Module	Source File
<a href="#">ssh_sftp</a>	<code>lib/ssh/src/ssh_sftpd.erl</code>

  

Status	Type	Version	Changes / Fixed in
Affected	otp ⓘ	3.0.1	<ul style="list-style-type: none"> <li>unaffected at 5.3.3</li> <li>unaffected at 5.2.11.3</li> <li>unaffected at 5.1.4.12</li> </ul>

[pkg:github/erlang/otp](#)

Module	Source File
ssh_sftp	<a href="#">lib/ssh/src/ssh_sftpd.erl</a>

  

Status	Type	Version	Changes / Fixed in
Affected	otp ⓘ	<a href="#">17.0</a>	<ul style="list-style-type: none"> <li>unaffected at <a href="#">28.0.3</a></li> <li>unaffected at <a href="#">27.3.4.3</a></li> <li>unaffected at <a href="#">26.2.5.15</a></li> </ul>
Affected	git ⓘ	<a href="#">07b8f441ca71</a>	<ul style="list-style-type: none"> <li>unaffected at <a href="#">4e3bf86777ab</a></li> <li>unaffected at <a href="#">f09e0201ff70</a></li> </ul>

# Workarounds

- Disable sftp
- limiting number of max\_sessions allowed for sshd, so exploiting becomes more complicated

# References

- <https://github.com/erlang/otp/security/advisories/GHSA-pvj7-9652-7h9r> vendor-advisory related
- <https://cna.erlef.org/cves/CVE-2025-48038.html> related
- <https://osv.dev/vulnerability/EEF-CVE-2025-48038> related
- <https://github.com/erlang/otp/pull/10156> patch
- <https://github.com/erlang/otp/commit/4e3bf86777ab3db7220c11d8ddabf15970ddd10a> patch
- <https://github.com/erlang/otp/commit/f09e0201ff701993dc24a08f15e524daf72db42f> patch

# Credits

- **Remediation developer:** Jakub Witczak
- **Remediation reviewer:** Ingela Andin

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OSV record as JSON: [GET /osv/EEF-CVE-2025-48038.json](#)



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