

Vulnerability
Database

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EEF-CVE- 2025-4748

[See a problem?](#)Please try reporting it [to the source](#) first.

Source	https://cna.erlef.org/osv/EEF-CVE-2025-4748.html
Import Source	https://cna.erlef.org/osv/EEF-CVE-2025-4748.json
JSON Data	https://api.osv.dev/v1/vulns/EEF-CVE-2025-4748
Aliases	CVE-2025-4748 GHSA-9g37-pgj9-wrhc
Published	2025-06-16T11:00:54.643Z
Modified	2026-04-06T17:01:59.863466Z
Severity	4.8 (Medium) CVSS_V4 - CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:N/VI:L/VA:L/SC:N/SI:L/SA:L CVSS Calculator

Summary

Absolute path traversal in zip:unzip/1,2

Details

Improper Limitation of a Pathname to a Restricted Directory ('Path Traversal') vulnerability in Erlang OTP (stdlib modules) allows Absolute Path Traversal, File Manipulation. This vulnerability is associated with program files lib/stdlib/src/zip.erl and program routines zip:unzip/1, zip:unzip/2, zip:extract/1, zip:extract/2 unless the memory option is passed.


This issue affects OTP from OTP 17.0 until OTP 28.0.1, OTP 27.3.4.1 and OTP 26.2.5.13, corresponding to stdlib from 2.0 until 7.0.1, 6.2.2.1 and 5.2.3.4.


Database specific


```
{
  "capec_ids": [
    "CAPEC-597",
    "CAPEC-165"
  ],
  "cwe_ids": [
    "CWE-22"
  ],
  "cpe_ids": [
    "cpe:2.3:a:erlang:erlang\\\/otp:*:*:*:*:*:*:*"
  ]
}
```


```
]
}
```

References

<https://github.com/erlang/otp/security/advisories/GHSA-9g37-pgj9-wrhc> 

<https://cna.erlef.org/cves/CVE-2025-4748.html> 

<https://www.erlang.org/doc/system/versions.html#order-of-versions> 

<https://github.com/erlang/otp/pull/9941> 

<https://github.com/erlang/otp/commit/5a55feec10c9b69189d56723d8f237afa58d5d4f> 

<https://github.com/erlang/otp/commit/ba2f2bc5f45fcfd2d6201ba07990a678bbf4cc8f> 

<https://github.com/erlang/otp/commit/578d4001575aa7647ea1efd4b2b7e3afadcc99a5> 

Credits

Wander Nauta - FINDER





Lukas Backström - REMEDIATION_DEVELOPER

Björn Gustavsson - REMEDIATION_REVIEWER

Affected packages

Git
github.com/erlang/otp

Affected ranges

Type	GIT
Repo	https://github.com/erlang/otp
Events	Introduced 07b8f441ca711f9812fad9e9115bab3c3aa92f79 
	Fixed d9454dbccbaaad4b8796095c8e653b71b066dfaf 
	Fixed 9b7b5431260e05a16eec3ecd530a232d0995d932 
	Fixed 0ac548b57c0491196c27e39518b5f6acf9326c1e 

Affected versions

- ▶ OTP-17.*
- ▶ OTP-18.*
- ▶ OTP-19.*
- ▶ OTP-20.*
- ▶ OTP-21.*
- ▶ OTP-22.*
- ▶ OTP-23.*
- ▶ OTP-24.*
- ▶ OTP-25.*
- ▶ OTP-26.*
- ▶ OTP-27.*
- ▶ OTP-28.*
- ▶ Other

Database specific [↗](#)

- ▶ source
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