



# CVE-2020-28407

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2020-28407   |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | cve@mitre.org  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2023-11-03 04:15:00 UTC  |
| <b>Updated</b>         | 2023-11-09 21:42:00 UTC  |
| <b>Description</b>     | In swtprm before 0.4.2 and 0.5.x before 0.5.1, a local attacker may be able to overwrite arbitrary files via a symlink attack ag |

## Risk And Classification

**Problem Types:** CWE-59

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                        | Product               | Version | Update | Edition | Language |
|-------------|-------------------------------|-----------------------|---------|--------|---------|----------|
| Application | <a href="#">Swtpm Project</a> | <a href="#">Swtpm</a> | All     | All    | All     | All      |
| Application | <a href="#">Swtpm Project</a> | <a href="#">Swtpm</a> | 0.5.0   | All    | All     | All      |

## References

| Reference  | Source  | Link                            |
|--|---------|---------------------------------|
| 1198395 – (CVE-2020-28407) VUL-0: CVE-2020-28407: swtprm: symlink issue may lead to privilege escalation | MISC    | <a href="#">bugzilla.suse.c</a> |
| Release Release of v0.5.1 · stefanberger/swtprm · GitHub   | CONFIRM | <a href="#">github.com</a>      |
| Release Release of v0.4.2 · stefanberger/swtprm · GitHub   | CONFIRM | <a href="#">github.com</a>      |
| CVE Program record   | CVE.ORG | <a href="#">www.cve.org</a>     |
| NVD vulnerability detail   | NVD     | <a href="#">nvd.nist.gov</a>    |

No vendor comments have been submitted for this CVE.

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

this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status [status.cve.report](#)**