# CVE-2021-3623

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2021-3623 |
| **State** | PUBLIC |
| **Assigner** | secalert@redhat.com |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2022-03-02 23:15:00 UTC |
| **Updated** | 2023-11-07 03:38:00 UTC |
| **Description** | A flaw was found in libtpms. The flaw can be triggered by specially-crafted TPM 2 command packets containing illegal value |

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Fedoraproject | Fedora | 34 | All | All | All |
| Application | Libtpms Project | Libtpms | All | All | All | All |
| Operating System | Redhat | Enterprise Linux | 8.0 | All | All | All |

## References

| Reference |
|---|
| [SECURITY] Fedora 34 Update: libtpms-0.8.4-1.20210624gita594c4692a.fc34.1 - package-announce - Fedora Mailing-Lists |
| tpm2: Add maxSize parameter to TPM2B_Marshal for sanity checks · stefanberger/libtpms@7981d9a · GitHub |
| 1976806 – (CVE-2021-3623) CVE-2021-3623 libtpms: out-of-bounds access when trying to resume the state of the vTPM |
| tpm2: Restore original value if unmarsalled value was illegal · stefanberger/libtpms@2e6173c · GitHub |
| Reset buffer size indicators that are too large and check for maximum size on marshalling by stefanberger · Pull Request #223 · stefanberger/ |
| tpm2: Reset TPM2B buffer sizes after test fails for valid buffer size · stefanberger/libtpms@2f30d62 · GitHub |
| [SECURITY] Fedora 34 Update: libtpms-0.8.4-1.20210624gita594c4692a.fc34.1 - package-announce - Fedora Mailing-Lists |
| CVE Program record |
| NVD vulnerability detail |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

| | |
|---|---|
| 159724 | Oracle Enterprise Linux Security Update for libtpms (ELSA-2022-9240) |
| 182922 | Debian Security Update for libtpms (CVE-2021-3623) |
| 281671 | Fedora Security Update for libtpms (FEDORA-2021-465b5c3b67) |
| 752991 | SUSE Enterprise Linux Security Update for libtpms (SUSE-SU-2022:4457-1) |