



CVE-2022-2520

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

| | |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| CVE | CVE-2022-2520 |
| State | PUBLIC |
| Assigner | secalert@redhat.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2022-08-31 16:15:00 UTC |
| Updated | 2023-02-28 15:39:00 UTC |
| Description | A flaw was found in libtiff 4.4.0rc1. There is a sysmalloc assertion fail in rotatelmage() at tiffcrop.c:8621 that can cause prog |

Risk And Classification

Problem Types: CWE-131

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|-------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | Debian | Debian Linux | 11.0 | All | All | All |
| Application | Libtiff | Libtiff | 4.4.0 | rc1 | All | All |

References

| Reference | Source | Link |
|----------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|
| Red Hat Customer Portal - Access to 24x7 support and knowledge | MISC | aces |
| Red Hat Customer Portal - Access to 24x7 support and knowledge | MISC | aces |
| Debian -- Security Information -- DSA-5333-1 tiff | DEBIAN | www.c |
| tiffcrop: sysmalloc assertion in rotatelmage() at tiffcrop.c:8621 (#424) · Issues · libtiff / libtiff · GitLab | MISC | gitlab. |
| tiffcrop: -S option mutually exclusive (fixes #349, #414, #422, #423, #424) (I378) · Merge requests · libtiff / libtiff · GitLab | MISC | gitlab. |
| 2122792 – (CVE-2022-2520) CVE-2022-2520 libtiff: Assertion fail in rotatelmage() function at tiffcrop.c | MISC | bugzil |
| Red Hat Customer Portal - Access to 24x7 support and knowledge | MISC | aces |
| CVE Program record | CVE.ORG | www.c |
| NVD vulnerability detail | NVD | nvd.ni |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

| |
|------------------------------------------------------------------------------|
| 160390 Oracle Enterprise Linux Security Update for libtiff (ELSA-2023-0095) |
| 160411 Oracle Enterprise Linux Security Update for libtiff (ELSA-2023-0302) |
| 181520 Debian Security Update for tiff (DSA 5333-1) |
| 182016 Debian Security Update for tiff (CVE-2022-2520) |
| 199019 Ubuntu Security Notification for LibTIFF Vulnerabilities (USN-5714-1) |
| 241054 Red Hat Update for libtiff (RHSA-2023:0095) |
| 241120 Red Hat Update for libtiff (RHSA-2023:0302) |
| 355148 Amazon Linux Security Advisory for libtiff : ALAS2023-2023-067 |
| 502794 Alpine Linux Security Update for tiff |
| 503030 Alpine Linux Security Update for tiff |
| 503131 Alpine Linux Security Update for tiff |
| 505944 Alpine Linux Security Update for tiff |
| 673143 EulerOS Security Update for libtiff (EulerOS-SA-2023-2298) |
| 673160 EulerOS Security Update for libtiff (EulerOS-SA-2023-2274) |
| 752686 SUSE Enterprise Linux Security Update for tiff (SUSE-SU-2022:3679-1) |
| 752701 SUSE Enterprise Linux Security Update for tiff (SUSE-SU-2022:3690-1) |
| 940871 AlmaLinux Security Update for libtiff (ALSA-2023:0095) |
| 940898 AlmaLinux Security Update for libtiff (ALSA-2023:0302) |
| 960525 Rocky Linux Security Update for libtiff (RLSA-2023:0302) |
| 960537 Rocky Linux Security Update for libtiff (RLSA-2023:0095) |

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