CVE-2022-25310

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CVE-2022-25310

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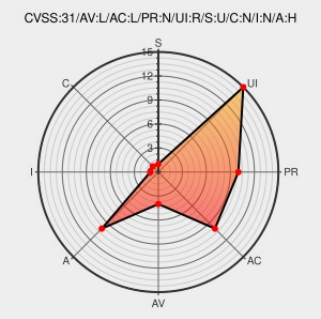

Certain versions of Fribidi from Gnu contain the following vulnerability:

A segmentation fault (SEGV) flaw was found in the Fribidi package and affects the fribidi_remove_bidi_marks() function of the lib/fribidi.c file. This flaw allows an attacker to pass a specially crafted file to Fribidi, leading to a crash and causing a denial of service.

CVE-2022-25310 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVE References

Description	Tags	Link
SEGV on unknown address 0x000000000000 (pc 0x55cc8b6086a6 bp 0x7ffed6538790 sp 0x7ffed6538740 T0) · Issue #183 · fribidi/fribidi · GitHub	github.com text/html	MISC github.com/fribidi/fribidi/issues/183
Red Hat Customer Portal - Access to 24x7 support and knowledge	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2022:7514
2047923 – (CVE-2022-25310) CVE-2022-25310 fribidi: SEGV in fribidi_remove_bidi_marks	bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=2047923
Red Hat Customer Portal - Access to 24x7 support and knowledge	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2022:8011
Fix SEGV issue in fribidi_remove_bidi_marks by tagoh · Pull Request #186 · fribidi/fribidi · GitHub	github.com text/html	MISC github.com/fribidi/fribidi/pull/186

Red Hat Customer Portal - Access to 24x7 support and knowledge	access.redhat.com text/html	MISC access.redhat.com/security/cve/CVE-2022-25310

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Related QID Numbers

160240 Oracle Enterprise Linux Security Update for fribidi (ELSA-2022-7514)

160304 Oracle Enterprise Linux Security Update for fribidi (ELSA-2022-8011)

179191 Debian Security Update for fribidi (DLA 2974-1)

180879 Debian Security Update for fribidi (CVE-2022-25310)

198732 Ubuntu Security Notification for FriBidi Vulnerabilities (USN-5366-1)

198768 Ubuntu Security Notification for FriBidi Vulnerabilities (USN-5366-2)

199483 Ubuntu Security Notification for FriBidi Vulnerabilities (USN-5922-1)

240825 Red Hat Update for fribidi (RHSA-2022:7514)

240871 Red Hat Update for fribidi (RHSA-2022:8011)

282560 Fedora Security Update for mingw (FEDORA-2022-8c2af4ba24)

282561 Fedora Security Update for mingw (FEDORA-2022-56942dc7c5)

282563 Fedora Security Update for fribidi (FEDORA-2022-d230620a58)

282595 Fedora Security Update for fribidi (FEDORA-2022-764c8c6b1c)

354393 Amazon Linux Security Advisory for fribidi : ALAS2022-2022-200

354444 Amazon Linux Security Advisory for fribidi : ALAS2022-2022-091

355114 Amazon Linux Security Advisory for fribidi : ALAS2023-2023-069

355579 Amazon Linux Security Advisory for fribidi : ALAS2-2023-2116

502218 Alpine Linux Security Update for fribidi

672347 EulerOS Security Update for fribidi (EulerOS-SA-2022-2763)

672392 EulerOS Security Update for fribidi (EulerOS-SA-2022-2728)

672430 EulerOS Security Update for fribidi (EulerOS-SA-2022-2820)

672436 EulerOS Security Update for fribidi (EulerOS-SA-2022-2845)

752174 SUSE Enterprise Linux Security Update for fribidi (SUSE-SU-2022:1845-1)

752178 SUSE Enterprise Linux Security Update for fribidi (SUSE-SU-2022:1844-1)

752194 SUSE Enterprise Linux Security Update for fribidi (SUSE-SU-2022:1898-1)

752213 SUSE Enterprise Linux Security Update for fribidi (SUSE-SU-2022:2029-1)

903796 Common Base Linux Mariner (CBL-Mariner) Security Update for fribidi (10888)

904161 Common Base Linux Mariner (CBL-Mariner) Security Update for fribidi (10888-1)

940763 AlmaLinux Security Update for fribidi (ALSA-2022:7514)

940825 AlmaLinux Security Update for fribidi (ALSA-2022:8011)

960210 Rocky Linux Security Update for fribidi (RLSA-2022:7514)

960602 Rocky Linux Security Update for fribidi (RLSA-2022:8011)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Fribidi	All	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All

cpe:2.3:a:gnu:fribidi:*:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:8.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:9.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-25310 : A segmentation fault SEGV flaw was found in the Fribidi package and affects the fribidi_remove_b… twitter.com/i/web/status/1…	2022-09-06 18:23:00

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