

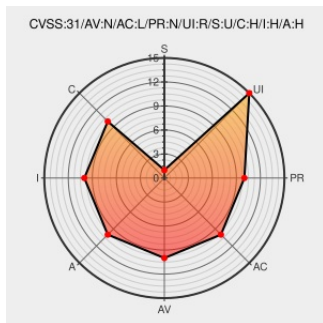


CVE-2020-21840

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CVE-2020-21840

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Libredwg](#) from [Gnu](#) contain the following vulnerability:

A heap based buffer overflow vulnerability exists in GNU LibreDWG 0.10 via `bit_search_sentinel` `../src/bits.c:1985`.

CVE-2020-21840 has been assigned by [M](#) `cve@mitre.org` to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Several bugs found by fuzzing · Issue #188 · LibreDWG/libredwg · GitHub	github.com text/html	MISC github.com/LibreDWG/libredwg/issues/188#issuecomment-574493513
GNU Snowboards 2020-2021 GNU Snowboards	gnu.com	MISC gnu.com

[text/html](#)

No Description Provided

[libredwg.com](#)[MISC libredwg.com](#)

Inactive Link

Not Archived

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Libredwg	0.10	All	All	All
cpe:2.3:a:gnu:libredwg:0.10:*****:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2020-21840 : A heap based buffer overflow vulnerability exists in GNU LibreDWG 0.10 via bit_search_sentinel ../.... twitter.com/i/web/status/1...	2021-05-17 21:10:53
 /r/netcve	CVE-2020-21840	2021-05-17 21:41:33

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