

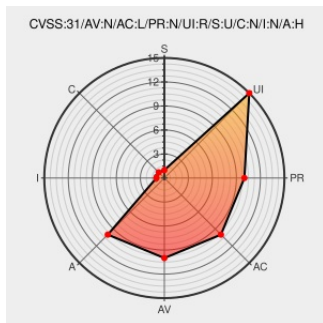


# CVE-2019-20012

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## CVE-2019-20012

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

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

An issue was discovered in GNU LibreDWG 0.92. Crafted input will lead to an attempted excessive memory allocation in `dwg_decode_HATCH_private` in `dwg.spec`.

CVE-2019-20012 has been assigned by [M](#) [cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>NONE</b>         | <b>HIGH</b>         |

CVSS2 Score: **4.3 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>NONE</b>       | <b>PARTIAL</b>      |

## CVE References

| Description                                                             | Tags                                                                                                                                                         | Link                                                         |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Several bugs found by fuzzing · Issue #176 · LibreDWG/libredwg · GitHub | <a href="#">Exploit</a><br><a href="#">Issue Tracking</a><br><a href="#">Third Party Advisory</a><br><a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/LibreDWG/libredwg/issues/176</a> |

Several bugs found by fuzzing · Issue #176 · LibreDWG/libredwg · GitHub

Exploit  
Issue Tracking  
Third Party Advisory  
github.com  
text/html

MISC  
github.com/LibreDWG/libredwg/issues/176#issuecomment-568643088

[security-announce] openSUSE-SU-2020:0095-1:  
moderate: Security update f

Mailing List  
Third Party Advisory  
lists.opensuse.org  
text/html

SUSE openSUSE-SU-2020:0095

[security-announce] openSUSE-SU-2020:0068-1:  
moderate: Security update f

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Third Party Advisory  
lists.opensuse.org  
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SUSE openSUSE-SU-2020:0068

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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      | 0.9.2   | All    | All     | All      |
| Application      | Gnu      | Libredwg      | 0.9.2   | All    | All     | All      |
| Application      | Opensuse | Backports Sle | 15.0    | sp1    | All     | All      |
| Application      | Opensuse | Backports Sle | 15.0    | sp1    | All     | All      |
| Operating System | Opensuse | Leap          | 15.1    | All    | All     | All      |
| Operating System | Opensuse | Leap          | 15.1    | All    | All     | All      |

cpe:2.3:a:gnu:libredwg:0.9.2:\*.\*\*\*.\*\*\*.\*:

cpe:2.3:a:gnu:libredwg:0.9.2:\*.\*\*\*.\*\*\*.\*:

cpe:2.3:a:opensuse:backports\_sle:15.0:sp1:\*.\*\*\*.\*\*\*.\*:

cpe:2.3:a:opensuse:backports\_sle:15.0:sp1:\*.\*\*\*.\*\*\*.\*:

cpe:2.3:o:opensuse:leap:15.1:\*.\*\*\*.\*\*\*.\*:

cpe:2.3:o:opensuse:leap:15.1:\*.\*\*\*.\*\*\*.\*:

No vendor comments have been submitted for this CVE

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