

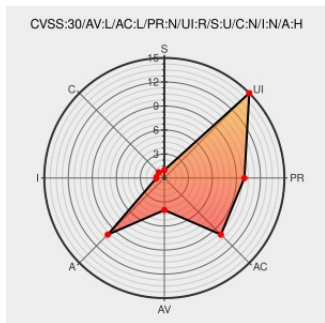


# CVE-2018-18700

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## CVE-2018-18700

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

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

An issue was discovered in cp-demangle.c in GNU libiberty, as distributed in GNU Binutils 2.31. There is a stack consumption vulnerability resulting from infinite recursion in the functions d\_name(), d\_encoding(), and d\_local\_name() in cp-demangle.c. Remote attackers could leverage this vulnerability to cause a denial-of-service via an ELF file, as demonstrated by nm.

CVE-2018-18700 has been assigned by [M](#) cve@mitre.org 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                |

### CVSS2 Score: 4.3 - MEDIUM

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

### CVE References

| Description                                                        | Tags                                                        | Link                              |
|--------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------|
| USN-4326-1: libiberty vulnerabilities   Ubuntu security notices    | <a href="#">usn.ubuntu.com</a><br><a href="#">text/html</a> | <a href="#">UBUNTU USN-4326-1</a> |
| USN-4336-1: GNU binutils vulnerabilities   Ubuntu security notices | <a href="#">usn.ubuntu.com</a>                              | <a href="#">UBUNTU USN-4336-1</a> |

[gcc.gnu.org/bugzilla/show\\_bug.cgi?id=87681](https://gcc.gnu.org/bugzilla/show_bug.cgi?id=87681)

There are currently no QIDs associated with this CVE

No vendor comments have been submitted for this CVE

Next ID→