

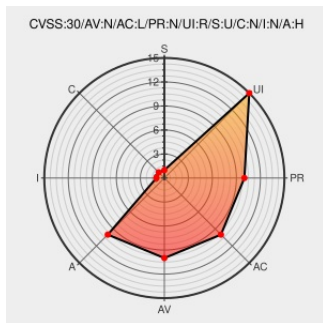


# CVE-2018-19217

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## CVE-2018-19217

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

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

**\*\* DISPUTED \*\*** In ncurses, possibly a 6.x version, there is a NULL pointer dereference at the function `_nc_name_match` that will lead to a denial of service attack. NOTE: the original report stated version 6.1, but the issue did not reproduce for that version according to the maintainer or a reliable third-party.

CVE-2018-19217 has been assigned by [M](#) 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                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1643753 – There is a Segmentation fault on unknown address in function <code>_nc_name_match</code> in libncurses6.1 | <a href="#">Exploit</a><br><a href="#">Issue Tracking</a><br><a href="#">Third Party Advisory</a> | <a href="#">MISC</a><br><a href="https://bugzilla.redhat.com/show_bug.cgi?id=1643753">bugzilla.redhat.com/show_bug.cgi?id=1643753</a> |

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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                          | <a href="#">Gnu</a> | <a href="#">Ncurses</a> | 6.1     | All    | All     | All      |
| Application                          | <a href="#">Gnu</a> | <a href="#">Ncurses</a> | 6.1     | All    | All     | All      |
| cpe:2.3:a:gnu:ncurses:6.1:*:*:*:*:*: |                     |                         |         |        |         |          |
| cpe:2.3:a:gnu:ncurses:6.1:*:*:*:*:*: |                     |                         |         |        |         |          |

No vendor comments have been submitted for this CVE

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