# CVE-2019-12999

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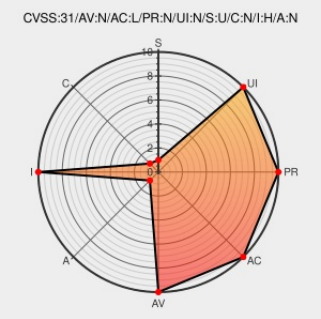
## CVE-2019-12999

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Network Daemon from Lightning contain the following vulnerability:

Lightning Network Daemon (lnd) before 0.7 allows attackers to trigger loss of funds because of Incorrect Access Control.

CVE-2019-12999 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

### CVSS3 Score: 7.5 - HIGH

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

### CVSS2 Score: 5 - MEDIUM

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

### CVE References

| Description | Tags | Link |
|---|---|---|
| Release lnd v0.7.0-beta · lightningnetwork/lnd · GitHub | Release Notes, Third Party Advisory, github.com, text/html | MISC github.com/lightningnetwork/lnd/releases/tag/v0.7.0-beta |

| | | |
|---|---|---|
| [Lightning-dev] Full Disclosure: CVE-2019-12998 / CVE-2019-12999 / CVE-2019-13000 | Exploit<br>Mailing List<br>Third Party Advisory<br>lists.linuxfoundation.org<br>text/html | CONFIRM<br>lists.linuxfoundation.org/pipermail/lightning-dev/2019-September/002174.html |
| Commits · lightningnetwork/lnd · GitHub | Patch<br>Third Party Advisory<br>github.com<br>text/html | MISC<br>github.com/lightningnetwork/lnd/commits/master |



## Related QID Numbers

982576 Go (go) Security Update for github.com/lightningnetwork/lnd (GHSA-78hj-86cr-6j2v)

## Exploit/POC from Github

A tool to check if your lnd node was targeted by CVE-2019-12999

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Lightning | Network Daemon | All | All | All | All |
| Application | Lightning | Network Daemon | All | All | All | All |

cpe:2.3:a:lightning:network_daemon:*:*:*:*:*:*:*:*:

cpe:2.3:a:lightning:network_daemon:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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