



# CVE-2021-33838

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## CVE-2021-33838

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

Certain versions of [Luca](#) from [Luca-app](#) contain the following vulnerability:

Luca through 1.7.4 on Android allows remote attackers to obtain sensitive information about COVID-19 tracking because requests related to Check-In State occur shortly after requests for Phone Number Registration.

CVE-2021-33838 has been assigned by [M](#) 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    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>NONE</b>         | <b>NONE</b>         |

CVSS2 Score: **5 - MEDIUM**

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

## CVE References

| Description                                            | Tags                                                    | Link                                                                                 |
|--------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------|
| CCC   Luca-App: CCC fordert Bundesnotbremse            | <a href="#">www.ccc.de</a><br><a href="#">text/html</a> | <a href="#">MISC www.ccc.de/de/updates/2021/luca-app-ccc-fordert-bundesnotbremse</a> |
| misc/luca_tracelds.md at master · mame82/misc · GitHub | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/mame82/misc/blob/master/luca_tracelds.md</a>             |

Luca contact tracing - Wie Datenschutz und Security versagen - YouTube

[www.youtube.com  
text/html](https://www.youtube.com/text/html)

 MISC [www.youtube.com/playlist?list=PLKuX6iczGb3kuDsm2RFgbmRkTugkR9-UE](https://www.youtube.com/playlist?list=PLKuX6iczGb3kuDsm2RFgbmRkTugkR9-UE)

Security Objectives — Security Overview

[luca-app.de  
text/html](https://luca-app.de/text/html)

 MISC [luca-app.de/securityoverview/properties/objectives.html](https://luca-app.de/securityoverview/properties/objectives.html)

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

## PoC for exploiting CVE-2021-33838

### Known Affected Configurations (CPE V2.3)

| Type                                         | Vendor                   | Product              | Version | Update | Edition | Language |
|----------------------------------------------|--------------------------|----------------------|---------|--------|---------|----------|
| Application                                  | <a href="#">Luca-app</a> | <a href="#">Luca</a> | All     | All    | All     | All      |
| cpe:2.3:a:luca-app:luca:*.*.*.*:android:*.*: |                          |                      |         |        |         |          |

No vendor comments have been submitted for this CVE

### Social Mentions

| Source                                                                                          | Title                                                                                                                                                                                                    | Posted (UTC)        |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @CVEreport   | CVE-2021-33838 : Luca through 1.7.4 on Android allows remote attackers to obtain sensitive information about COVID-... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> | 2021-06-04 00:06:38 |
|  @threatmeter | CVE-2021-33838 Luca through 1.7.4 on Android allows remote attackers to obtain sensitive information about COVID-19... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> | 2021-06-06 07:10:21 |
|  /r/netcve    | <a href="#">CVE-2021-33838</a>                                                                                                                                                                           | 2021-06-04 00:41:44 |

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