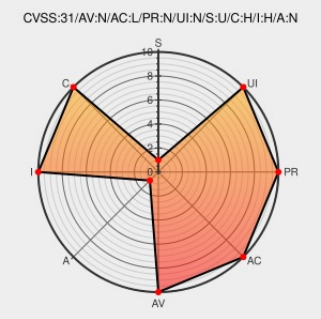
CVE-2020-15097

Published on: 02/02/2021 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:23:42 PM UTC

CVE-2020-15097 - advisory for GHSA-7557-4v29-rqw6

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



Certain versions of Loklak from Loklak Project contain the following vulnerability:

loklak is an open-source server application which is able to collect messages from various sources, including twitter. The server contains a search index and a peer-to-peer index sharing interface. All messages are stored in an elasticsearch index. In loklak less than or equal to commit 5f48476, a path traversal vulnerability exists. Insufficient input validation in the APIs exposed by the loklak server allowed a directory traversal vulnerability. Any admin configuration and files readable by the app available on the hosted file system can be retrieved by the attacker. Furthermore, user-controlled content could be written to any admin config and files readable by the application. This has been patched in commit 50dd692. Users will need to upgrade their hosted instances of loklak to not be vulnerable to this exploit.

CVE-2020-15097 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **loklak** - **loklak** version **<= 5f48476d6f06dc00d87d25def5f789db703dfe3e**

CVSS3 Score: 9.1 - CRITICAL

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

CVSS2 Score: 6.4 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality	**Integrity**	**Availability**

Impact	Impact	Impact
PARTIAL	PARTIAL	NONE

CVE References

Description	Tags	Link
Vulnerability - Directory Traversal Attacks in Loklak Instances · Advisory · loklak/loklak_server · GitHub	Third Party Advisory github.com text/html	CONFIRM github.com/loklak/loklak_server/security/advisories/GHSA-7557-4v29-rqw6
Merge pull request from GHSA-7557-4v29-rqw6 · loklak/loklak_server@50dd692 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/loklak/loklak_server/commit/50dd69230d3cd71dab0bfa7156682ffeca8ed8b

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Loklak Project	Loklak	All	All	All	All

cpe:2.3:a:loklak_project:loklak:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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