CVE-2021-21385

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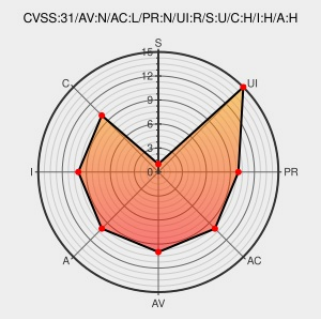
CVE-2021-21385 - advisory for GHSA-9657-33wf-rmvx

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



Certain versions of Mifos-mobile from Mifos contain the following vulnerability:

Mifos-Mobile Android Application for MifosX is an Android Application built on top of the MifosX Self-Service platform. Mifos-Mobile before commit e505f62 disables HTTPS hostname verification of its HTTP client. Additionally it accepted any self-signed certificate as valid. Hostname verification is an important part when using HTTPS to ensure that the presented certificate is valid for the host. Disabling it can allow for man-in-the-middle attacks. Accepting any certificate, even self-signed ones allows man-in-the-middle attacks. This problem is fixed in mifos-mobile commit e505f62.

CVE-2021-21385 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **openMF** - **mifos-mobile** version **<= 7ed4f22**

CVSS3 Score: 7.4 - HIGH

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

CVSS2 Score: 5.8 - MEDIUM

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

CVE References

CVE References

Description	Tags	Link
Mobile Applications | Mifos Mobile Apps	openmf.github.io text/html	MISC openmf.github.io/mobileapps.github.io/
Merge pull request from GHSA-9657-33wf-rmvx · openMF/mifos-mobile@e505f62 · GitHub	github.com text/html	MISC github.com/openMF/mifos-mobile/commit/e505f62b92b19292bfdabd6e996ab76abfeaa90d
Disabled hostname verification and accepting self-signed certificates · Advisory · openMF/mifos-mobile · GitHub	github.com text/html	CONFIRM github.com/openMF/mifos-mobile/security/advisories/GHSA-9657-33wf-rmvx

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mifos	Mifos-mobile	All	All	All	All

cpe:2.3:a:mifos:mifos-mobile:*:*:*:*:*:android:*:*:

No vendor comments have been submitted for this CVE

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