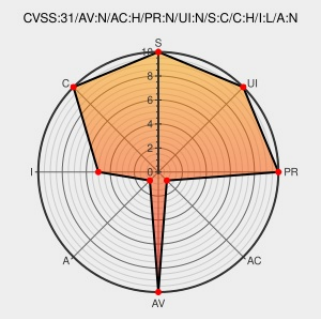
CVE-2020-11015

Published on: Not Yet Published

Last Modified on: 10/29/2022 02:36:00 AM UTC

CVE-2020-11015 - advisory for GHSA-5x54-39xq-cwvc

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



Certain versions of Thinx-device-api from Thinx-device-api Project contain the following vulnerability:

A vulnerability has been disclosed in thinx-device-api IoT Device Management Server before version 2.5.0. Device MAC address can be spoofed. This means initial registration requests without UDID and spoofed MAC address may pass to create new UDID with same MAC address. Full impact needs to be reviewed further. Applies to all (mostly ESP8266/ESP32) users. This has been fixed in firmware version 2.5.0.

CVE-2020-11015 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **suculent** - **thinx-device-api** version **< 2.5.0**

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 Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	NONE

CVE References

Description	Tags	Link

Description	Tags	Link
Device Authentication Vulnerability: Possible MAC address collision · Advisory · suculent/thinx-device-api · GitHub	Third Party Advisory github.com text/html	CONFIRM github.com/suculent/thinx-device-api/security/advisories/GHSA-5x54-39xq-cwvc

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Thinx-device-api Project	Thinx-device-api	All	All	All	All
Application	Thinx-device-api Project	Thinx-device-api	All	All	All	All

cpe:2.3:a:thinx-device-api_project:thinx-device-api:*:*:*:*:*:node.js:*:*:

cpe:2.3:a:thinx-device-api_project:thinx-device-api:*:*:*:*:*:node.js:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@Robo_Alerts	Potentially Critical CVE Detected! CVE-2020-11015 A vulnerability has been disclosed in thinx-device-api IoT Device… twitter.com/i/web/status/1…	2022-09-29 02:55:58
@RemotelyAlerts	Severity: ?? | A vulnerability has been disclosed in th... | CVE-2020-11015 | Link for more: alerts.remotelyrmm.com/CVE-2020-11015	2022-09-29 03:30:25

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