CVE-2019-11063

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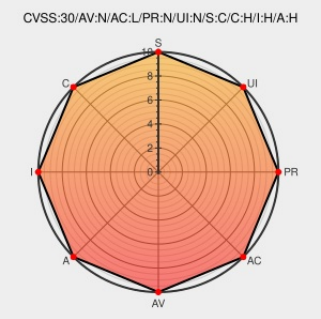
CVE-2019-11063

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



Certain versions of Smarthome from Asus contain the following vulnerability:

A broken access control vulnerability in SmartHome app (Android versions up to 3.0.42_190515, ios versions up to 2.0.22) allows an attacker in the same local area network to list user accounts and control IoT devices that connect with its gateway (HG100) via http://[target]/smarthome/devicecontrol without any authentication. CVSS 3.0 base score 10 (Confidentiality, Integrity and Availability impacts). CVSS vector: (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H).

CVE-2019-11063 has been assigned by cve@cert.org.tw to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **ASUS** - **SmartHome Android app** version **up to 3.0.42_190515**

Affected Vendor/Software: **ASUS** - **SmartHome ios app** version **up to 2.0.22**

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 8.3 - HIGH

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
台灣漏洞紀錄平台 Taiwan Vulnerability Note	Third Party Advisory tvn.twcert.org.tw text/html	CONFIRM tvn.twcert.org.tw/taiwanvn/TVN-201908014
TWCERT/CC 台灣電腦網路危機處理暨協調中心	Third Party Advisory surl.twcert.org.tw text/html Inactive Link Not Archived	CONFIRM surl.twcert.org.tw/5LWQJ
GitHub - tim124058/ASUS-SmartHome-Exploit: ASUS SmartHome Exploit for CVE-2019-11061 and CVE-2019-11063	Exploit Third Party Advisory github.com text/html	CONFIRM github.com/tim124058/ASUS-SmartHome-Exploit/

There are currently no QIDs associated with this CVE

Exploit/POC from Github

ASUS SmartHome Exploit for CVE-2019-11061 and CVE-2019-11063

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Asus	Smarthome	All	All	All	All
Application	Asus	Smarthome	All	All	All	All
Application	Asus	Smarthome	All	All	All	All
Application	Asus	Smarthome	All	All	All	All

cpe:2.3:a:asus:smarthome:*:*:*:*:*:android:*:*:

cpe:2.3:a:asus:smarthome:*:*:*:*:*:iphone_os:*:*:

cpe:2.3:a:asus:smarthome:*:*:*:*:*:android:*:*:

cpe:2.3:a:asus:smarthome:*:*:*:*:*:iphone_os:*:*:

Discovery Credit

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CVE.report and Source URL Uptime Status status.cve.report