# • Vulnerability description

Matter devices contain a denial-of-service vulnerability that allows an attacker to send malicious Matter messages to the devices, causing a denial-of-service problem.

### • Affected product information

Name	Firmware Version	Notes
Nanoleaf Light strip	v.3.5.10	Amazon Link
Govee LED Strip	v.3.00.42	Amazon Link
SwitchBot Hub2	v.1.0-0.8	Amazon Link
Phillips Hue hub	v.1.59.1959097030	Amazon Link
Yeelight smart lamp	v.1.12.69	<u>Link</u>

### CVE-ID

CVE-2023-42189

# Vulnerability type

Denial of Service

## Triggering vulnerabilities

The bug is related to the command KeySetRemove (uint16), which is used to remove a given Group Key Set. This command requires one argument: GroupKeySetID, which has the data type uint16 and its valid value is [1, 255]. To trigger the vulnerability, we provide an invalid value 0.

Command	Normal message example -> exploit	Observations
KeySetRemove (uint16)	KeySetRemove (1)-> KeySetRemove (0)	The devices accept the crafted message.

Once this malformed command is executed, subsequent scripts may prompt the devices to respond with errors like "Invalid CASE parameter" or "No shared trusted root."

### Attack vectors

By sending an exploit Matter message to the device

### Discoverer

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