

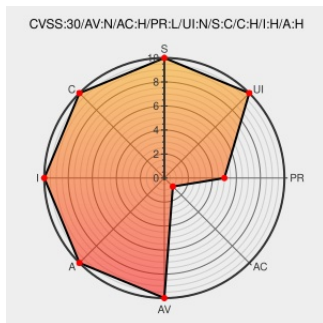


CVE-2017-16254

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CVE-2017-16254

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Hub](#) from [Insteon](#) contain the following vulnerability:

An exploitable buffer overflow vulnerability exists in the PubNub message handler Insteon Hub 2245-222 - Firmware version 1012. Specially crafted commands sent through the PubNub service can cause a stack-based buffer overflow overwriting arbitrary data. An attacker can send an authenticated HTTP request at 0x9d014e4c the value for the flg key is copied using strcpy to the buffer at \$sp+0x270. This buffer is 16 bytes large, sending anything longer will cause a buffer overflow.

CVE-2017-16254 has been assigned by [Cisco](#) talos-cna@cisco.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.1 - HIGH**

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

CVSS2 Score: **5.5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
TALOS-2017-0483 - Cisco Talos	Exploit Third Party Advisory	MISC talosintelligence.com/vulnerability_reports/TALOS-2017-0483

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware  	Insteon	Hub	2245-222	-	All	All
Hardware  	Insteon	Hub	2245-222	-	All	All
Operating System	Insteon	Hub Firmware	1012	All	All	All
Operating System	Insteon	Hub Firmware	1012	All	All	All
cpe:2.3:h:insteon:hub:2245-222:-:*:*:*:*:*:						
cpe:2.3:h:insteon:hub:2245-222:-:*:*:*:*:*:						
cpe:2.3:o:insteon:hub_firmware:1012:*:*:*:*:*:						
cpe:2.3:o:insteon:hub_firmware:1012:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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