



CVE-2017-16255

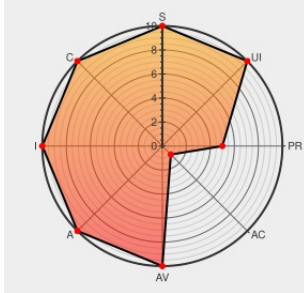
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CVE-2017-16255

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

CVSS:30/AV:N/AC:H/PR:L/UI:N/S:C/C:H/I:H/A:H



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 At 0x9d014e84 the value for the cmd1 key is copied using strcpy to the buffer at \$sp+0x280. This buffer is 16 bytes large.

CVE-2017-16255 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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