



CVE-2017-16258

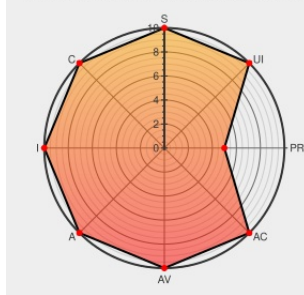
Published on: Not Yet Published

Last Modified on: 01/23/2023 05:05:00 PM UTC

CVE-2017-16258

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

CVSS:31/AV:N/AC:L/PR:L/UI:N/S:C/C:H/I:H/A:H



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

Multiple exploitable buffer overflow vulnerabilities exist in the PubNub message handler for the "cc" channel of Insteon Hub running firmware version 1012. Specially crafted commands sent through the PubNub service can cause a stack-based buffer overflow overwriting arbitrary data. An attacker should send an authenticated HTTP request to trigger this vulnerability. In cmd sn_sx, at 0x9d014f7c, the value for the

`cmd4` key is copied using `strcpy` to the buffer at `\$sp+0x2b0`. This buffer is 32 bytes large, sending anything longer will cause a buffer overflow.

CVE-2017-16258 has been assigned by [talos-cna@cisco.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [Cisco](#) **Insteon - Hub** version = **Not specified**

CVSS3 Score: **9.9 - CRITICAL**

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

CVE References

Description	Tags	Link
TALOS-2017-0483 - Cisco Talos	talosintelligence.com text/html	MISC talosintelligence.com/vulnerability_reports/TALOS-2017-0483

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

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	-	All	All	All
Operating System	Insteon	Hub Firmware	1012	All	All	All
cpe:2.3:h:insteon:hub:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:insteon:hub_firmware:1012:~::~~::~~::~~::~~::~~::~~:::						

No vendor comments have been submitted for this CVE

[← Previous ID](#)

[Next ID →](#)

© CVE.report 2023   |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)