



CVE-2018-7298

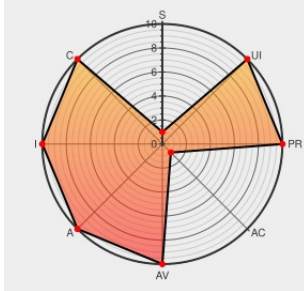
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CVE-2018-7298

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

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



Certain versions of [Homematic Central Control Unit Ccu2](#) from [Eq-3](#) contain the following vulnerability:

In `/usr/local/etc/config/addons/mh/loopupd.sh` on eQ-3 AG HomeMatic CCU2 2.29.22 devices, software update packages are downloaded via the HTTP protocol, which does not provide any cryptographic protection of the downloaded contents. An attacker with a privileged network position (which could be obtained via DNS spoofing of

`www.meine-homematic.de` or other approaches) can exploit this issue in order to provide arbitrary malicious firmware updates to the CCU2. This can result in a full system compromise.

CVE-2018-7298 has been assigned by [M](#) `cve@mitre.org` to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.1 - HIGH**

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

CVSS2 Score: **9.3 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
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CVE-2018-7298: Downloading Firmware via Plain HTTP in HomeMatic CCU2 · Patrick Münch Blog

 MISC

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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 	Eq-3	Homematic Central Control Unit Ccu2	-	All	All	All
Hardware 	Eq-3	Homematic Central Control Unit Ccu2	-	All	All	All
Operating System	Eq-3	Homematic Central Control Unit Ccu2 Firmware	2.29.22	All	All	All
Operating System	Eq-3	Homematic Central Control Unit Ccu2 Firmware	2.29.22	All	All	All
cpe:2.3:h:eq-3:homematic_central_control_unit_ccu2:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:eq-3:homematic_central_control_unit_ccu2:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:eq-3:homematic_central_control_unit_ccu2_firmware:2.29.22:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:eq-3:homematic_central_control_unit_ccu2_firmware:2.29.22:~::~~::~~::~~::~~::~~::~~:::						

No vendor comments have been submitted for this CVE

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