CVE-2018-20219

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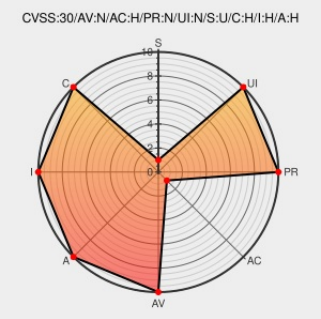
CVE-2018-20219

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Enc-400 Hdmi from Teracue contain the following vulnerability:

An issue was discovered on Teracue ENC-400 devices with firmware 2.56 and below. After successful authentication, the device sends an authentication cookie to the end user such that they can access the devices web administration panel. This token is hard-coded to a string in the source code (/usr/share/www/check.lp file). By setting this cookie in a browser, an attacker is able to maintain access to every ENC-400 device without knowing the password, which results in authentication bypass. Even if a user changes the password on the device, this token is static and unchanged.

CVE-2018-20219 has been assigned by 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

Teracue ENC-400 Command Injection / Missing Authentication ≈ Packet Storm	Third Party Advisory VDB Entry packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/151802/Teracue-ENC-400-Command-Injection-Missing-Authentication.html
ZX Security Limited - Information Security Consultants	Not Applicable web.archive.org text/html Inactive Link Not Archived	MISC zxsecurity.co.nz/research.html
Full Disclosure: Multiple issues in Teracue ENC-400 including pre-authenticated remote code execution	Mailing List Third Party Advisory seclists.org text/html	MISC seclists.org/fulldisclosure/2019/Feb/48

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Teracue	Enc-400 Hdmi	-	All	All	All
Hardware	Teracue	Enc-400 Hdmi	-	All	All	All
Hardware	Teracue	Enc-400 Hdmi2	-	All	All	All
Hardware	Teracue	Enc-400 Hdmi2	-	All	All	All
Operating System	Teracue	Enc-400 Hdmi2 Firmware	All	All	All	All
Operating System	Teracue	Enc-400 Hdmi Firmware	All	All	All	All
Hardware	Teracue	Enc-400 Hdsdi	-	All	All	All
Hardware	Teracue	Enc-400 Hdsdi	-	All	All	All
Operating System	Teracue	Enc-400 Hdsdi Firmware	All	All	All	All

cpe:2.3:h:teracue:enc-400_hdmi:-:*:*:*:*:*:*:*:

cpe:2.3:h:teracue:enc-400_hdmi:-:*:*:*:*:*:*:*:

cpe:2.3:h:teracue:enc-400_hdmi2:-:*:*:*:*:*:*:*:

cpe:2.3:h:teracue:enc-400_hdmi2:-:*:*:*:*:*:*:*:

cpe:2.3:o:teracue:enc-400_hdmi2_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:o:teracue:enc-400_hdmi_firmware:*:*:*:*:*:*:*:*:

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cpe:2.3:h:teracue:enc-400_hdsdi:-:*:*:*:*:*:*:*:

cpe:2.3:o:teracue:enc-400_hdsdi_firmware:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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