CVE-2019-14919

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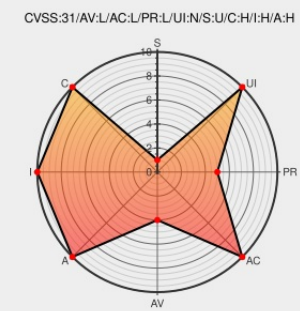

Certain versions of Sg600 R2 from Billion contain the following vulnerability:

An exposed Telnet Service on the Billion Smart Energy Router SG600R2 with firmware v3.02.rc6 allows a local network attacker to authenticate via hardcoded credentials into a shell, gaining root execution privileges over the device.

CVE-2019-14919 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.8 - HIGH

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

CVSS2 Score: 7.2 - HIGH

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Firmware Inspection · InnotecSystem/Device-Reversing Wiki · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/InnotecSystem/Device-Reversing/wiki/Firmware-Inspection

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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	Billion	Sg600 R2	-	All	All	All
Hardware	Billion	Sg600 R2	-	All	All	All
Operating System	Billion	Sg600 R2 Firmware	3.02	rc6	All	All
Operating System	Billion	Sg600 R2 Firmware	3.02	rc6	All	All

cpe:2.3:h:billion:sg600_r2:-:*:*:*:*:*:*:*:

cpe:2.3:h:billion:sg600_r2:-:*:*:*:*:*:*:*:

cpe:2.3:o:billion:sg600_r2_firmware:3.02:rc6:*:*:*:*:*:*:

cpe:2.3:o:billion:sg600_r2_firmware:3.02:rc6:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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