



CVE-2018-3877

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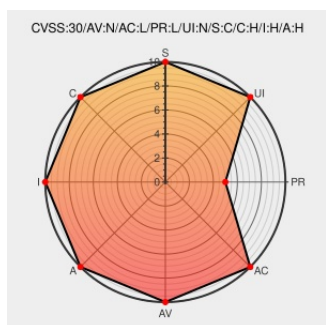
CVE-2018-3877

Source: [Mitre](#)

Source: [NIST](#)

[CVE.ORG](#)

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Certain versions of [Sth-eth-250](#) from [Samsung](#) contain the following vulnerability:

An exploitable buffer overflow vulnerability exists in the credentials handler of video-core's HTTP server of Samsung SmartThings Hub STH-ETH-250-Firmware version 0.20.17. The strncpy overflows the destination buffer, which has a size of 160 bytes. An attacker can send an arbitrarily long "directory" value in order to exploit this vulnerability.

CVE-2018-3877 has been assigned by [Cisco](#) talos-cna@cisco.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [Cisco](#) **Samsung - SmartThings Hub STH-ETH-250** version **Firmware version 0.20.17**

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

CVSS2 Score: **9 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
TALOS-2018-0555 Cisco Talos Intelligence Group -	Exploit	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 	Samsung	Sth-eth-250	-	All	All	All
Hardware 	Samsung	Sth-eth-250	-	All	All	All
Operating System	Samsung	Sth-eth-250 Firmware	0.20.17	All	All	All
Operating System	Samsung	Sth-eth-250 Firmware	0.20.17	All	All	All
cpe:2.3:h:samsung:sth-eth-250:-:*:*:*:*:*:						
cpe:2.3:h:samsung:sth-eth-250:-:*:*:*:*:*:						
cpe:2.3:o:samsung:sth-eth-250_firmware:0.20.17:*:*:*:*:*:						
cpe:2.3:o:samsung:sth-eth-250_firmware:0.20.17:*:*:*:*:*:						

No vendor comments have been submitted for this CVE