



CVE-2018-3907

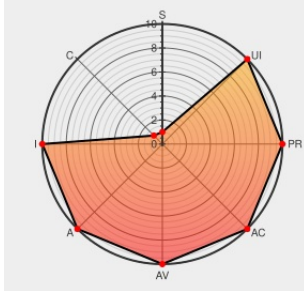
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CVE-2018-3907

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

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



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

An exploitable vulnerability exists in the REST parser of video-core's HTTP server of the Samsung SmartThings Hub STH-ETH-250 - Firmware version 0.20.17. The video-core process incorrectly handles pipelined HTTP requests, which allows successive requests to overwrite the previously parsed HTTP method, 'on_url' callback. An attacker can send an HTTP request to trigger this vulnerability.

CVE-2018-3907 has been assigned by [Cisco](#) talos-cna@cisco.com to track the vulnerability - currently rated as **CRITICAL** severity.

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

CVSS3 Score: **10 - CRITICAL**

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

CVSS2 Score: **6.4 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
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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

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