



CVE-2018-20135

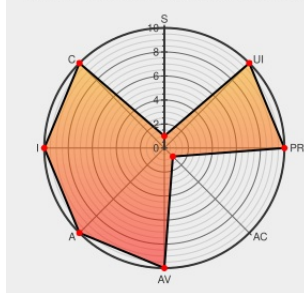
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CVE-2018-20135

[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 [Galaxy Apps](#) from [Samsung](#) contain the following vulnerability:

Samsung Galaxy Apps before 4.4.01.7 allows modification of the hostname used for load balancing on installations of applications through a man-in-the-middle attack. An attacker may trick Galaxy Apps into using an arbitrary hostname for which the attacker can provide a valid SSL certificate, and emulate the API of the app store to modify

existing apps at installation time. The specific flaw involves an HTTP method to obtain the load-balanced hostname that enforces SSL only after obtaining a hostname from the load balancer, and a missing app signature validation in the application XML. An attacker can exploit this vulnerability to achieve Remote Code Execution on the device. The Samsung ID is SVE-2018-12071.

CVE-2018-20135 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: **6.8 - MEDIUM**

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

CVE References

Description	Tags	Link
Samsung Mobile Security	Vendor Advisory security.samsungmobile.com text/html	 MISC security.samsungmobile.com/securityUpdate.smsb
Writeup – Samsung Galaxy Apps Store RCE via MITM - Adyta	Exploit Third Party Advisory web.archive.org text/html Inactive Link Not Archived	 MISC www.adyta.pt/en/2019/01/29/writeup-samsung-app-store-rce-via-mitm-2/

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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
Application	Samsung	Galaxy Apps	All	All	All	All
Application	Samsung	Galaxy Apps	All	All	All	All
<code>cpe:2.3:a:samsung:galaxy_apps:*****:</code>						
<code>cpe:2.3:a:samsung:galaxy_apps:*****:</code>						

No vendor comments have been submitted for this CVE

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