



CVE-2019-15453

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CVE-2019-15453

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

Certain versions of [Galaxy J4](#) from [Samsung](#) contain the following vulnerability:

The Samsung J4 Android device with a build fingerprint of samsung/j4lteub/j4lte:8.0.0/R16NW/J400MUBS2ASC2:user/release-keys contains a pre-installed app with a package name of com.samsung.android.themecenter app (versionCode=7000000, versionName=7.0.0.0) that allows other pre-installed apps to perform

app installation via an accessible app component. This capability can be accessed by any pre-installed app on the device which can obtain signatureOrSystem permissions that are required by other other pre-installed apps that exported their capabilities to other pre-installed app.

CVE-2019-15453 has been assigned by [M](#) 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: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link				
Kryptowire Provides Details on Android Firmware Vulnerabilities - November 2019 - Kryptowire	Third Party Advisory www.kryptowire.com text/html	MISC www.kryptowire.com/android-firmware-2019/				
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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	Galaxy J4	-	All	All	All
Hardware  	Samsung	Galaxy J4	-	All	All	All
Operating System	Samsung	Galaxy J4 Firmware	-	All	All	All
Operating System	Samsung	Galaxy J4 Firmware	-	All	All	All
cpe:2.3:h:samsung:galaxy_j4:-:~::~:						
cpe:2.3:h:samsung:galaxy_j4:-:~::~:						
cpe:2.3:o:samsung:galaxy_j4_firmware:-:~::~:						
cpe:2.3:o:samsung:galaxy_j4_firmware:-:~::~:						
No vendor comments have been submitted for this CVE						

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