CVE-2019-15440

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CVE-2019-15440

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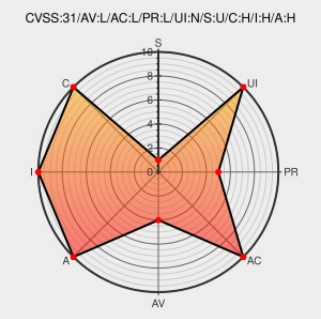

Certain versions of Galaxy J5 from Samsung contain the following vulnerability:

The Samsung J5 Android device with a build fingerprint of samsung/on5xeltedx/on5xelte:8.0.0/R16NW/G570YDXU2CRL1:user/release-keys contains a pre-installed app with a package name of com.samsung.android.themecenter app (versionCode=6010000, versionName=6.1.0.0) 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-2019-15440 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: 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 J5	-	All	All	All
Hardware	Samsung	Galaxy J5	-	All	All	All
Operating System	Samsung	Galaxy J5 Firmware	-	All	All	All
Operating System	Samsung	Galaxy J5 Firmware	-	All	All	All

cpe:2.3:h:samsung:galaxy_j5:-:*:*:*:*:*:*:*:

cpe:2.3:h:samsung:galaxy_j5:-:*:*:*:*:*:*:*:

cpe:2.3:o:samsung:galaxy_j5_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:o:samsung:galaxy_j5_firmware:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→