CVE-2018-15007

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CVE-2018-15007

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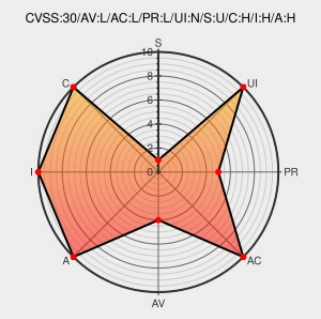

Certain versions of Sky Elite 6.0l from Skydevices contain the following vulnerability:

The Sky Elite 6.0L+ Android device with a build fingerprint of SKY/x6069_trx_l601_sky/x6069_trx_l601_sky:6.0/MRA58K/1482897127:user/release-keys contains a pre-installed platform app with a package name of com.fw.upgrade.sysoper (versionCode=238, versionName=2.3.8) that contains an exported broadcast receiver app component named com.adups.fota.sysoper.WriteCommandReceiver that allows any app co-located on the device to supply arbitrary commands to be executed as the system user. The com.fw.upgrade.sysoper app cannot be disabled by the user and the attack can be performed by a zero-permission app. Executing commands as system user can allow a third-party app to video record the user's screen, factory reset the device, obtain the user's notifications, read the logcat logs, inject events in the Graphical User Interface (GUI), change the default Input Method Editor (IME) (e.g., keyboard) with one contained within the attacking app that contains keylogging functionality, obtain the user's text messages, and more.

CVE-2018-15007 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
Page not found | Kryptowire	Exploit, Third Party Advisory, www.kryptowire.com, application/pdf, Inactive Link, Not Archived	MISC www.kryptowire.com/portal/wp-content/uploads/2018/12/DEFCON-26-Johnson-and-Stavrou-Vulnerable-Out-of-the-Box-An-Eval-of-Android-Carrier-Devices-WP-Updated.pdf
Kryptowire Provides Details on DEFCON 2018 Presentation: Vulnerable Out of the Box - An Evaluation of Android Carrier Devices - Kryptowire	Third Party Advisory, www.kryptowire.com, text/html	MISC www.kryptowire.com/portal/android-firmware-defcon-2018/

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Languag
Hardware	Skydevices	Sky Elite 6.0l	-	All	All	All
Operating System	Skydevices	Sky Elite 6.0l Firmware	sky/x6069_trx_l601_sky/x6069_trx_l601_sky	6.0/mra58k/1482897127	user/release-keys	All
Hardware	Skydevices	Sky Elite 6.0l	-	All	All	All
Hardware	Skydevices	Sky Elite 6.0l	-	All	All	All
Operating System	Skydevices	Sky Elite 6.0l Firmware	sky\/x6069_trx_l601_sky\/x6069_trx_l601_sky\	6.0\/mra58k\/1482897127\	user\/release-keys	All
Operating System	Skydevices	Sky Elite 6.0l Firmware	sky\/x6069_trx_l601_sky\/x6069_trx_l601_sky\	6.0\/mra58k\/1482897127\	user\/release-keys	All

cpe:2.3:h:skydevices:sky_elite_6.0l+:-:*:*:*:*:*:*:*:

cpe:2.3:o:skydevices:sky_elite_6.0l+_firmware:sky/x6069_trx_l601_sky/x6069_trx_l601_sky:6.0/mra58k/1482897127:user/release-keys:*:*:*:*:*:

cpe:2.3:h:skydevices:sky_elite_6.0l\+:-:*:*:*:*:*:*:*:

cpe:2.3:h:skydevices:sky_elite_6.0l\+:-:*:*:*:*:*:*:*:

cpe:2.3:o:skydevices:sky_elite_6.0l\+_firmware:sky\/x6069_trx_l601_sky\/x6069_trx_l601_sky\:6.0\/mra58k\/1482897127\:user\/release-keys:*:*:*:*:*:*:

cpe:2.3:o:skydevices:sky_elite_6.0l\+_firmware:sky\/x6069_trx_l601_sky\/x6069_trx_l601_sky\:6.0\/mra58k\/1482897127\:user\/release-keys:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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