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Global TV Unencrypted Analytics

Authored by David Coomber | Posted Feb 19, 2020

The Global TV Android and iOS applications send potentially sensitive information such as device model and resolution, mobile carrier, days since first use, days since last use, total number of app launches, number of app launches since upgrade, and previous app session length, unencrypted to both first (CNAME to third) and third party sites (Adobe Experience Cloud, ScorecardResearch). Global TV Android versions 2.3.2 and below and iOS versions 4.7.5 and below are affected.

tags | advisory, info disclosure
systems | ios
advisories | CVE-2020-8506
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Global TV Android & iOS Applications - Unencrypted Analytics (CVE-2020-8506)
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https://www.info-sec.ca/advisories/Global-TV.html

Overview

"Watch the latest full episodes of your favourite Global shows"

(https://play.google.com/store/apps/details?id=com.shawmedia.smglobal)
(https://apps.apple.com/ca/app/global-tv/id404050595)

Issue

The Global TV Android & iOS applications (Android version 2.3.2 and below, iOS version 4.7.5 and below) sends
potentially sensitive information such as device model & resolution, mobile carrier, days since first use, days
since last use, total number of app launches, number of app launches since upgrade, and previous app session
length, unencrypted to both first (CNAME to third) and third party sites (Adobe Experience Cloud,
ScorecardResearch).

Impact

An attacker who can monitor network traffic could capture potentially sensitive information about the user's
device and viewing habits without their knowledge.

Timeline

October 7, 2019 - Provided additional information about my research on unencrypted analytics to Apple via
product-security@apple.com
October 17, 2019 - Attempted to obtain a security contact via a Global TV support form
October 22, 2019 - Provided the details to the Adobe PSIRT via psirt@adobe.com and asked for assistance
contacting the vendor
November 14, 2019 - Attempted to obtain a security contact via an email to mobilesupport@globaltv.com

Solution

The Global TV Android & iOS applications as of February 4, 2020 are affected.

CVE-ID:

CVE-2020-8506
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