Static Analysis - air.CarLoanCalculation.apk

APP SCORE

Average CVSS Score: 7.5

App Security Score: 100/100

Trackers Detection: 0/227

FILE INFORMATION

Name: air.CarLoanCalculation.apk

Size: 0.09MB

MD5: 983fb5c15ccaf05a622f06d20cdaf781

SHA1: 2ff82f5ec9f6de75ad53e5ea96673940653a96f7

SHA256:

56d531188d6f067cfa8bbd389f74719a2aa814c06c0a6d6611af41e3698

APP INFORMATION

Name: Car Loan Calculation

Package Name: air.CarLoanCalculation

Main Activity: .AppEntry

Target SDK: 8

Min SDK: 8

Max SDK:

Android Version Name: 1.0.1

Android Version Code: 1000001

PLAY STORE INFORMATION

CERTIFICATE

APK is signed

v1 signature: Truev2 signature: Falsev3 signature: False

Found 1 unique certificates

Subject: C=MY, O=ScreenDigital, OU=ScreenDigital, CN=ScreenDigital

Signature Algorithm: rsassa_pkcs1v15 Valid From: 2014-02-03 13:58:31+00:00 Valid To: 2039-02-04 13:58:31+00:00

Issuer: C=MY, O=ScreenDigital, OU=ScreenDigital, CN=ScreenDigital Serial Number: 0x313362656439663a31343366643331366432303a2d3

Hash Algorithm: sha1

md5: 6380187f0012e80e6c7072a0bda2d23c

sha1: c134973436d20f8be3684174ec1c976462b0c47d

sha256: 435e322a98368e182ff7b7f6f4856bc87fbbdea1ead0eff834e0e6sha512: fd10ae5a2d5e60c212676cce9642fbfcf67a53c063179f8a3a123

Certificate Status: Bad

Description: The app is signed with `SHA1withRSA`. SHA1 hash algoritle

PERMISSIONS

PERMISSION STATUS INFO DESCRIPTION

 $and roid. permission. WRITE_EXTERNAL_STORAGE\ dangerous\ \frac{read/modify/delete\ SD\ card}{contents}$

Allows an application to write to the SD card.

ANDROID LIBRARY BINARY ANALYSIS

No issue found info

APKID ANALYSIS

APKiD not enabled.

FILE

BROWSABLE ACTIVITIES

ACTIVITY INTENT

MANIFEST ANALYSIS

ISSUE SEVERITY DESCRIPTION

Application Data can be Backed up [android:allowBackup] medium flag is missing.

Launch Mode of Activity (.AppEntry) is high

not standard.

The flag [android:allowBackup] should be set to false. By default it is set to true and allows anyone to backup your application data via adb. It allows users who have enabled USB debugging to copy application data off of the device.

An Activity should not be having the launch mode attribute set to "singleTask/singleInstance" as it becomes root Activity and it is possible for other applications to read the contents of the calling Intent. So it is required to use the "standard" launch mode attribute when sensitive information is included in an Intent.

CODE ANALYSIS

ISSUE SEVERITY CVSS CWE OWASP FILES

The App logs information. Sensitive information should never be logged.

info **7.5** CWE-532

air/CarLoanCalculation/GetVersionCode.java

ANDROID API

API FILES

Dynamic Class and Dexloading air/CarLoanCalculation/AppEntry.java
Starting Activity

Starting Service

Inter Process Communication

air/CarLoanCalculation/AppEntry.java
air/CarLoanCalculation/AppEntry.java
air/CarLoanCalculation/AppEntry.java

URLS

FIREBASE DATABASES

MALWARE CHECK

EMAILS

TRACKERS

Tracker Name URL

FILE ANALYSIS

STRINGS

AIR jetzt installieren?"
"button yes": "Installeren"

"button_yes": "Installeren"
"button_no": "Annuleren"

"dialog title": "Adobe® AIR®"

"dialog_text" : "Voor deze toepassing is Adobe AIR nodig. Wilt u Adobe

"dialog text": "Für diese Anwendung ist Adobe AIR erforderlich. Adobe

AIR nu installeren?"

"button_yes" : "Zainstaluj"

"button_no" : "Anuluj"

"dialog_title" : "Adobe® AIR®"

```
"dialog text": "Ta aplikacja wymaga środowiska Adobe AIR. Czy
zainstalować środowisko Adobe AIR?"
"button yes": "□□"
"button no": "□□"
"dialog title": "Adobe® AIR®"
"button_yes" : "Installer"
"button_no" : "Annuler"
"dialog_title" : "Adobe® AIR®"
"dialog_text": "Pour utiliser cette application, vous devez installer
Adobe AIR. Installer Adobe AIR maintenant?"
"button yes" : "Yükle"
"button no" : "İptal"
"dialog title": "Adobe® AIR®"
"dialog_text" : "Bu uygulama Adobe AIR gerektiriyor. Adobe AIR şimdi
yüklensin mi?"
"button_yes" : "Instalovat"
"button no": "Storno"
"dialog title": "Adobe® AIR®"
"dialog_text" : "Tato aplikace vyžaduje prostředí Adobe AIR. Chcete
nyní instalovat prostředí Adobe AIR?"
"button_yes" : "Instalar"
"button no": "Cancelar"
"dialog title": "Adobe® AIR®"
"dialog_text" : "Esta aplicación requiere Adobe AIR. ¿Instalar Adobe
AIR ahora?"
"button yes" : "Installa"
"button no": "Annulla"
"dialog title": "Adobe® AIR®"
"dialog_text": "Questa applicazione richiede Adobe AIR. Installare
Adobe AIR ora?"
"button_yes" : "Instalar"
"button no": "Cancelar"
"dialog title": "Adobe® AIR®"
"dialog text": "Este aplicativo requer o Adobe AIR. Deseja instalar o
Adobe AIR agora?"
"button_yes" : "Установить"
"button no": "Отмена"
"dialog title": "Adobe® AIR®"
"dialog text": "Для этого приложения требуется Adobe AIR.
Установить Adobe AIR?"
"button_yes" : "Installera"
```

"button no": "Avbryt"

assets/META-INF/AIR/application.xml res/drawable-ldpi/icon.png res/drawable-mdpi/icon.png res/drawable-hdpi/icon.png resources.arsc
AndroidManifest.xml

classes.dex lib/armeabi-v7a/libNativeABI.so res/raw/debuginfo assets/36x36.png assets/48x48.png assets/72x72.png assets/Car Loan Calculation.swf META-INF/MANIFEST.MF META-INF/CERT.SF META-INF/CERT.RSA

Report Generated by - MobSF | http://opensecurity.in