

ANDROID STATIC ANALYSIS REPORT



\(\Phi\) Beam File (1.0)

File Name:	installer51.apk
Package Name:	com.mohammadag.beamfile
Scan Date:	May 31, 2022, 11:19 a.m.
App Security Score:	25/100 (CRITICAL RISK)
Grade:	F
Trackers Detection:	1/428

FINDINGS SEVERITY

流 HIGH	▲ MEDIUM	i INFO	✓ SECURE	♠ HOTSPOT
2	2	1	0	0

FILE INFORMATION

File Name: installer51.apk

Size: 0.17MB

MD5: 4a169262ef755b81d1565442e3d4508e

SHA1: d8f3595c37658b758a77fe40d3ed0df7dc100d6e

SHA256: 77afd1f16c659f757fbdac74978b5a41325ace5805764268f3314c6b9c3dfcbd

1 APP INFORMATION

App Name: Beam File

Package Name: com.mohammadag.beamfile

Main Activity: com.mohammadag.beamfile.MainActivity

Target SDK: 17 Min SDK: 16 Max SDK:

Android Version Name: 1.0

EE APP COMPONENTS

Activities: 2 Services: 0 Receivers: 0 Providers: 0

Exported Activities: O Exported Services: O Exported Receivers: O Exported Providers: O

***** CERTIFICATE INFORMATION

APK is signed v1 signature: True v2 signature: False v3 signature: False

Found 1 unique certificates

Subject: C=UK, ST=ORG, L=ORG, O=fdroid.org, OU=FDroid, CN=FDroid

Signature Algorithm: rsassa_pkcs1v15 Valid From: 2013-04-10 06:38:24+00:00 Valid To: 2040-08-26 06:38:24+00:00

Issuer: C=UK, ST=ORG, L=ORG, O=fdroid.org, OU=FDroid, CN=FDroid

Serial Number: 0x516508e0 Hash Algorithm: sha1

md5: 318d5599d40cf9f9fd501ace6be96ca3

sha1: 1eae052e52b761b66684a9e82afbbd17568503e4

sha256: 1bd863ea4d64dea36627818f26ddb81278c35e39ae28638822f3f99534a08b50

sha512: f98d6a7a0cc773e11ddab83685e0b0709c84167b57b7874c8ffff8ec70f9cca756ef6314f32ebe4e06e3ad860a81daf13cfb393e38ab78e77d13412595c3c7df

TITLE	SEVERITY	DESCRIPTION	
Signed Application	info	Application is signed with a code signing certificate	
Application vulnerable to Janus Vulnerability	high	Application is signed with v1 signature scheme, making it vulnerable to Janus vulnerability on Android 5.0-8.0, if signed only with v1 signature scheme. Applications running on Android 5.0-7.0 signed with v1, and v2/v3 schemalso vulnerable.	
Certificate algorithm might be vulnerable to hash collision	high	Application is signed with SHA1withRSA. SHA1 hash algorithm is known to have collision issues.	

⋮ APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.NFC	normal	control Near-Field Communication	Allows an application to communicate with Near-Field Communication (NFC) tags, cards and readers.
android.permission.ACCESS_NETWORK_STATE	normal	view network status	Allows an application to view the status of all networks.
android.permission.INTERNET	normal	full Internet access	Allows an application to create network sockets.

M APKID ANALYSIS

FILE

FILE	DETAILS		
	FINDINGS	DETAILS	
	Compiler	dx (possible dexmerge)	
classes.dex	Manipulator Found	dexmerge	

△ NETWORK SECURITY

NO	SCOPE	CEVEDITY	DESCRIPTION
NO	SCOPE	SEVERITY	DESCRIPTION

Q MANIFEST ANALYSIS

NO	ISSUE	SEVERITY	DESCRIPTION
1	Application Data can be Backed up [android:allowBackup=true]	warning	This flag 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.



NO	ISSUE	SEVERITY	STANDARDS	FILES
1	The App logs information. Sensitive information should never be logged.	info	CWE: CWE-532: Insertion of Sensitive Information into Log File OWASP MASVS: MSTG-STORAGE-3	com/mohammadag/beamfile/MainActiv ity.java

■ NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION
1	FCS_STO_EXT.1.1	Security Functional Requirements	Storage of Credentials	The application does not store any credentials to non-volatile memory.
2	FCS_CKM_EXT.1.1	Security Functional Requirements	Cryptographic Key Generation Services	The application generate no asymmetric cryptographic keys.
3	FDP_DEC_EXT.1.1	Security Functional Requirements	Access to Platform Resources	The application has access to ['NFC', 'network connectivity'].
4	FDP_DEC_EXT.1.2	Security Functional Requirements	Access to Platform Resources	The application has access to no sensitive information repositories.
5	FDP_NET_EXT.1.1	Security Functional Requirements	Network Communications	The application has user/application initiated network communications.
6	FDP_DAR_EXT.1.1	Security Functional Requirements	Encryption Of Sensitive Application Data	The application does not encrypt files in non-volatile memory.
7	FTP_DIT_EXT.1.1	Security Functional Requirements	Protection of Data in Transit	The application does encrypt some transmitted data with HTTPS/TLS/SSH between itself and another trusted IT product.

Q DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
www.paypal.com	ok	IP: 151.101.193.21 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map

A TRACKERS

TRACKER	CATEGORIES	URL
Google AdMob	Advertisement	https://reports.exodus-privacy.eu.org/trackers/312

Report Generated by - MobSF v3.5.2 Beta

Mobile Security Framework (MobSF) is an automated, all-in-one mobile application (Android/iOS/Windows) pen-testing, malware analysis and security assessment framework capable of performing static and dynamic analysis.

© 2022 Mobile Security Framework - MobSF | Ajin Abraham | OpenSecurity.