

ANDROID STATIC ANALYSIS REPORT



HoloKenMod (1.5.1)

File Name:	installer318.apk
Package Name:	com.holokenmod
Scan Date:	May 31, 2022, 11:18 a.m.
App Security Score:	54/100 (MEDIUM RISK)
Grade:	

FINDINGS SEVERITY

派 HIGH	▲ MEDIUM	i INFO	✓ SECURE	९ HOTSPOT
1	3	1	1	1

FILE INFORMATION

File Name: installer318.apk

Size: 0.17MB

MD5: 0ef2f72c8b96df8dbd5c5592c391d4bf

SHA1: c13f7dcc6a16efd2efdd0d07896b03cb74c41d61

SHA256: 8940b8da49a9ac5128e23c7ae7605be8626855b074ef441a1c74e3b4541624ec

i APP INFORMATION

App Name: HoloKenMod

Package Name: com.holokenmod

Main Activity: com.holokenmod.MainActivity

Target SDK: 22 Min SDK: 8 Max SDK:

Android Version Name: 1.5.1 Android Version Code: 17

APP COMPONENTS

Activities: 4 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: 2016-02-20 12:09:06+00:00 Valid To: 2043-07-08 12:09:06+00:00

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

Serial Number: 0x6bdea748 Hash Algorithm: sha256

md5: 6a774526ba9a24b87fddadcd756c627d

sha1: b779e7ea0695f18cd199e86dffe59f1d0a7db39d

sha256: 306e321ec70852e37f73eae2ba915fe5754bd3335eab12d38dba9fd37b954a22

sha512: 48b8d0c49f45282935cf9e6c5430eaba19f91cd310f4b533ac79195aaa282f2c150e93eb19d7a5f56d3704077315873374b03c583aa5ffeb693c8ef814b8ff66

TITLE	SEVERITY	DESCRIPTION
Signed Application	info	Application is signed with a code signing certificate

TITLE	SEVERITY	DESCRIPTION
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 scheme is also vulnerable.

⋮ APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.WRITE_EXTERNAL_STORAGE	dangerous	read/modify/delete external storage contents	Allows an application to write to external storage.

ক APKID ANALYSIS

FILE	DETAILS		
classes.dex	FINDINGS	DETAILS	
	Compiler	dx	



NO	SCOPE	SEVERITY	DESCRIPTION

Q MANIFEST ANALYSIS

NO	ISSUE	SEVERITY	DESCRIPTION
1	Application Data can be Backed up [android:allowBackup] flag is missing.	warning	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.

</> CODE ANALYSIS

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/holokenmod/GridCage.java com/holokenmod/MainActivity.ja va com/holokenmod/SaveGame.java com/holokenmod/GridView.java
2	App can read/write to External Storage. Any App can read data written to External Storage.	warning	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	com/holokenmod/MainActivity.ja va
3	The App uses an insecure Random Number Generator.	warning	CWE: CWE-330: Use of Insufficiently Random Values OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-6	com/holokenmod/GridView.java

■ NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION
1	FCS_RBG_EXT.1.1	Security Functional Requirements	Random Bit Generation Services	The application use no DRBG functionality for its cryptographic operations.
2	FCS_STO_EXT.1.1	Security Functional Requirements	Storage of Credentials	The application does not store any credentials to non-volatile memory.
3	FCS_CKM_EXT.1.1	Security Functional Requirements	Cryptographic Key Generation Services	The application generate no asymmetric cryptographic keys.
4	FDP_DEC_EXT.1.1	Security Functional Requirements	Access to Platform Resources	The application has access to no hardware resources.
5	FDP_DEC_EXT.1.2	Security Functional Requirements	Access to Platform Resources	The application has access to no sensitive information repositories.
6	FDP_NET_EXT.1.1	Security Functional Requirements	Network Communications	The application has no network communications.
7	FDP_DAR_EXT.1.1	Security Functional Requirements	Encryption Of Sensitive Application Data	The application does not encrypt files in non-volatile memory.
8	FMT_MEC_EXT.1.1	Security Functional Requirements	Supported Configuration Mechanism	The application invoke the mechanisms recommended by the platform vendor for storing and setting configuration options.
9	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
github.com	ok	IP: 140.82.121.4 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
play.google.com	ok	IP: 142.251.36.46 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

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