

ANDROID STATIC ANALYSIS REPORT



\$\Pi\$ 35C3 Wifi Setup (0.25)

File Name:	installer333.apk
Package Name:	nl.eventinfra.wifisetup
Scan Date:	May 31, 2022, 12:01 p.m.
App Security Score:	55/100 (MEDIUM RISK)
Grade:	

FINDINGS SEVERITY

派 HIGH	▲ MEDIUM	i INFO	✓ SECURE	≪ HOTSPOT
1	2	1	1	1

FILE INFORMATION

File Name: installer333.apk

Size: 2.17MB

MD5: 829a4e5d86e2cc3b024a36a431f753a0

SHA1: 6b8ef7690a3e26c9bc3617ec818aa926d84f72c8

SHA256: 35ac89ca12f225aac29e20b0f5eb16d99ccc04ba8f8edc1867fbec9d15cb9487

i APP INFORMATION

App Name: 35C3 Wifi Setup

Package Name: nl.eventinfra.wifisetup

Main Activity: nl.eventinfra.wifisetup.WifiSetup

Target SDK: 26 Min SDK: 18 Max SDK:

Android Version Name: 0.25
Android Version Code: 20181222

EE APP COMPONENTS

Activities: 1 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: 2018-12-28 09:14:06+00:00 Valid To: 2046-05-15 09:14:06+00:00

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

Serial Number: 0x4ccfaa93 Hash Algorithm: sha256

md5: 9c70ca68c227ee0418aaabc8d7b106d9

sha1: 3bdcbb17288d6398bb80b6b111f7985c3e88a6ef

sha256: 69537d93e97af7a75ef7cbefc98cac9386ac24bf425c39543cfe5ec9837d4ef8

sha512: dd0cad875b46e177bcc1fb66b91e7239ba34b8bec7a71abf59cc68958dbcf144d2782fe86e2a28b065c44a3f5f7e0123e48c351ef3e5fb7b7fac2b1a8c2525b0

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.ACCESS_WIFI_STATE	normal	view Wi-Fi status	Allows an application to view the information about the status of Wi-Fi.
android.permission.CHANGE_WIFI_STATE	normal	change Wi- Fi status	Allows an application to connect to and disconnect from Wi-Fi access points and to make changes to configured Wi-Fi networks.
android.permission.INTERNET	normal	full Internet access	Allows an application to create network sockets.

M APKID ANALYSIS

FILE	DETAILS		
classes.dex	FINDINGS	DETAILS	
Classes.ucx	Compiler	dx	

△ NETWORK SECURITY

NO	SCOPE	SEVERITY	DESCRIPTION

Q MANIFEST ANALYSIS

NO ISSUE SEVERITY DESCRIPTION

</> 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	nl/eventinfra/wifisetup/WifiSetup.ja va
Files may contain hardcoded sensitive information like usernames, passwords, keys etc.		warning	CWE: CWE-312: Cleartext Storage of Sensitive Information OWASP Top 10: M9: Reverse Engineering OWASP MASVS: MSTG-STORAGE-14	nl/eventinfra/wifisetup/WifiSetup.ja va

■ 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 ['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 not encrypt any data in traffic or does not transmit any data between itself and another trusted IT product.
8	FIA_X509_EXT.2.1	Selection-Based Security Functional Requirements	X.509 Certificate Authentication	The application use X.509v3 certificates as defined by RFC 5280 to support authentication for HTTPS , TLS.

Q DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
twitter.com	ok	IP: 104.244.42.193 Country: United States of America Region: California City: San Francisco Latitude: 37.773968 Longitude: -122.410446 View: Google Map

▶ HARDCODED SECRETS

POSSIBLE SECRETS "Password": "password" "Username": "username@realm"

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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.

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