

## ANDROID STATIC ANALYSIS REPORT



Fitbit (4.32.fitbit-mobile-110161828-702872992)

File Name:	com.fitbit.FitbitMobile_110161828.apk
Package Name:	com.fitbit.FitbitMobile
Scan Date:	Aug. 29, 2025, 10:19 p.m.
App Security Score:	50/100 (MEDIUM RISK)
Grade:	
Trackers Detection:	1/432

## **FINDINGS SEVERITY**

<b>☆</b> HIGH	▲ MEDIUM	i INFO	✓ SECURE	<b>ℚ</b> HOTSPOT
4	48	3	3	1

### FILE INFORMATION

**File Name:** com.fitbit.FitbitMobile\_110161828.apk

**Size:** 56.47MB

MD5: 52604d36cb6493b347a2d5785be79d2a

**SHA1:** 95340bd0b0145e5c54a1adbfd0fed2c1e4123ab4

**SHA256**: eab0a17370c8b9b21f81e9b109169b7b6a951460db558eeb3c74f231c5d4504b

## **i** APP INFORMATION

App Name: Fitbit

**Package Name:** com.fitbit.FitbitMobile **Main Activity:** com.fitbit.FirstActivity

**Target SDK:** 35 **Min SDK:** 29

Max SDK:

**Android Version Name:** 4.32.fitbit-mobile-110161828-702872992

Android Version Code: 110161828

#### **APP COMPONENTS**

Activities: 333 Services: 37 Receivers: 29 Providers: 3

Exported Activities: 15
Exported Services: 8
Exported Receivers: 11
Exported Providers: 1



Binary is signed v1 signature: False v2 signature: False v3 signature: True v4 signature: False

X.509 Subject: C=US, ST=California, L=San Francisco, O=Fitbit, Inc., OU=Unknown, CN=Unknown

Signature Algorithm: rsassa\_pkcs1v15 Valid From: 2012-03-16 21:17:50+00:00 Valid To: 2066-12-18 21:17:50+00:00

Issuer: C=US, ST=California, L=San Francisco, O=Fitbit, Inc., OU=Unknown, CN=Unknown

Serial Number: 0x4f63adfe Hash Algorithm: sha1

md5: 8ca7ad5214139899ffd68f53ffeb3379

sha1: 29a4514c3b90b90cb6badc79614262195c6a5747

sha 256: fa 6a 198803 aac 1939 fed 6bab 9295 e 5184c 00966bf 912f8c 5f aff 26576cc 770 ff

sha512: bec11c99bd57c1e4f239a9843ae9ba8c39714ddc76c1d079a49d78cffabd3e4f8077acb465b60c7305fd6b4687e90bdfd73adeb4094e11b3c90b58f6f2ac7d4f2ac7

PublicKey Algorithm: rsa

Bit Size: 2048

## **⋮** APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
com.android.vending.BILLING	normal	application has in-app purchases	Allows an application to make in-app purchases from Google Play.
com.fitbit.FitbitMobile.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION	unknown	Unknown permission	Unknown permission from android reference
android.permission.POST_NOTIFICATIONS	dangerous	allows an app to post notifications.	Allows an app to post notifications
android.permission.FOREGROUND_SERVICE	normal	enables regular apps to use Service.startForeground.	Allows a regular application to use Service.startForeground.
android.permission.REQUEST_COMPANION_PROFILE_WATCH	normal	enables association with a device as a 'watch'.	Allows app to request to be associated with a device via CompanionDeviceManager as a "watch".
android.permission.REQUEST_COMPANION_RUN_IN_BACKGROUND	normal	allows a companion app to run in the background.	Allows a companion app to run in the background.
android.permission.REQUEST_COMPANION_USE_DATA_IN_BACKGROUND	normal	permits a companion app to use data in the background.	Allows a companion app to use data in the background.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.INTERNET	normal	full Internet access	Allows an application to create network sockets.
android.permission.ACCESS_NETWORK_STATE	normal	view network status	Allows an application to view the status of all networks.
android.permission.READ_CONTACTS	dangerous	read contact data	Allows an application to read all of the contact (address) data stored on your phone. Malicious applications can use this to send your data to other people.
android.permission.GET_ACCOUNTS	dangerous	list accounts	Allows access to the list of accounts in the Accounts Service.
android.permission.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
android.permission.WRITE_EXTERNAL_STORAGE	dangerous	read/modify/delete external storage contents	Allows an application to write to external storage.
android.permission.READ_MEDIA_IMAGES	dangerous	allows reading image files from external storage.	Allows an application to read image files from external storage.
android.permission.READ_EXTERNAL_STORAGE	dangerous	read external storage contents	Allows an application to read from external storage.
android.permission.SCHEDULE_EXACT_ALARM	normal	permits exact alarm scheduling for background work.	Allows an app to use exact alarm scheduling APIs to perform timing sensitive background work.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.RECEIVE_BOOT_COMPLETED	normal	automatically start at boot	Allows an application to start itself as soon as the system has finished booting. This can make it take longer to start the phone and allow the application to slow down the overall phone by always running.
android.permission.ACCESS_COARSE_LOCATION	dangerous	coarse (network-based) location	Access coarse location sources, such as the mobile network database, to determine an approximate phone location, where available. Malicious applications can use this to determine approximately where you are.
android.permission.ACCESS_FINE_LOCATION	dangerous	fine (GPS) location	Access fine location sources, such as the Global Positioning System on the phone, where available. Malicious applications can use this to determine where you are and may consume additional battery power.
android.permission.ACCESS_BACKGROUND_LOCATION	dangerous	access location in background	Allows an app to access location in the background.
android.permission.READ_PHONE_NUMBERS	dangerous	allows reading of the device's phone number(s).	Allows read access to the device's phone number(s). This is a subset of the capabilities granted by READ_PHONE_STATE but is exposed to instant applications.
android.permission.VIBRATE	normal	control vibrator	Allows the application to control the vibrator.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.READ_PHONE_STATE	dangerous	read phone state and identity	Allows the application to access the phone features of the device. An application with this permission can determine the phone number and serial number of this phone, whether a call is active, the number that call is connected to and so on.
android.permission.ANSWER_PHONE_CALLS	dangerous	permits an app to answer incoming phone calls.	Allows the app to answer an incoming phone call.
android.permission.CALL_PHONE	dangerous	directly call phone numbers	Allows the application to call phone numbers without your intervention.  Malicious applications may cause unexpected calls on your phone bill. Note that this does not allow the application to call emergency numbers.
android.permission.SEND_SMS	dangerous	send SMS messages	Allows application to send SMS messages.  Malicious applications may cost you money by sending messages without your confirmation.
android.permission.BLUETOOTH	normal	create Bluetooth connections	Allows applications to connect to paired bluetooth devices.
android.permission.BLUETOOTH_ADMIN	normal	bluetooth administration	Allows applications to discover and pair bluetooth devices.
android.permission.BLUETOOTH_SCAN	dangerous	required for discovering and pairing Bluetooth devices.	Required to be able to discover and pair nearby Bluetooth devices.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.BLUETOOTH_CONNECT	dangerous	necessary for connecting to paired Bluetooth devices.	Required to be able to connect to paired Bluetooth devices.
android.permission.READ_CALL_LOG	dangerous	grants read access to the user's call log.	Allows an application to read the user's call log.
android.permission.READ_CALENDAR	dangerous	read calendar events	Allows an application to read all of the calendar events stored on your phone.  Malicious applications can use this to send your calendar events to other people.
android.permission.WRITE_CALENDAR	dangerous	add or modify calendar events and send emails to guests	Allows an application to add or change the events on your calendar, which may send emails to guests. Malicious applications can use this to erase or modify your calendar events or to send emails to guests.
android.permission.health.WRITE_EXERCISE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.WRITE_DISTANCE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.WRITE_ELEVATION_GAINED	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.WRITE_EXERCISE_ROUTE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.WRITE_FLOORS_CLIMBED	unknown	Unknown permission	Unknown permission from android reference

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.health.WRITE_HEART_RATE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.WRITE_SLEEP	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.WRITE_STEPS	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.WRITE_TOTAL_CALORIES_BURNED	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.WRITE_WEIGHT	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_ACTIVE_CALORIES_BURNED	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_BASAL_BODY_TEMPERATURE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_BASAL_METABOLIC_RATE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_BLOOD_GLUCOSE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_BLOOD_PRESSURE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_BODY_FAT	unknown	Unknown permission	Unknown permission from android reference

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.health.READ_BODY_TEMPERATURE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_BODY_WATER_MASS	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_BONE_MASS	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_CERVICAL_MUCUS	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_DISTANCE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_ELEVATION_GAINED	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_EXERCISE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_FLOORS_CLIMBED	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_HEART_RATE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_HEART_RATE_VARIABILITY	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_HEIGHT	unknown	Unknown permission	Unknown permission from android reference

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.health.READ_HYDRATION	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_INTERMENSTRUAL_BLEEDING	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_LEAN_BODY_MASS	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_MENSTRUATION	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_NUTRITION	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_OVULATION_TEST	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_OXYGEN_SATURATION	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_POWER	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_RESPIRATORY_RATE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_RESTING_HEART_RATE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_SEXUAL_ACTIVITY	unknown	Unknown permission	Unknown permission from android reference

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.health.READ_SLEEP	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_SPEED	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_STEPS	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_TOTAL_CALORIES_BURNED	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_VO2_MAX	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_WEIGHT	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_WHEELCHAIR_PUSHES	unknown	Unknown permission	Unknown permission from android reference
com.google.android.providers.gsf.permission.READ_GSERVICES	unknown	Unknown permission	Unknown permission from android reference
android.permission.CAMERA	dangerous	take pictures and videos	Allows application to take pictures and videos with the camera. This allows the application to collect images that the camera is seeing at any time.
android.permission.ACTIVITY_RECOGNITION	dangerous	allow application to recognize physical activity	Allows an application to recognize physical activity.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.USE_BIOMETRIC	normal	allows use of device- supported biometric modalities.	Allows an app to use device supported biometric modalities.
android.permission.USE_FINGERPRINT	normal	allow use of fingerprint	This constant was deprecated in API level 28. Applications should request USE_BIOMETRIC instead.
android.permission.FOREGROUND_SERVICE_CONNECTED_DEVICE	normal	enables foreground services with connected device use.	Allows a regular application to use Service.startForeground with the type "connectedDevice".
android.permission.FOREGROUND_SERVICE_HEALTH	normal	enables foreground services with health-related functionality.	Allows a regular application to use Service.startForeground with the type "health".
android.permission.FOREGROUND_SERVICE_LOCATION	normal	allows foreground services with location use.	Allows a regular application to use Service.startForeground with the type "location".
android.permission.FOREGROUND_SERVICE_MEDIA_PLAYBACK	normal	enables foreground services for media playback.	Allows a regular application to use Service.startForeground with the type "mediaPlayback".
android.permission.FOREGROUND_SERVICE_SHORT_SERVICE	unknown	Unknown permission	Unknown permission from android reference
android.permission.FOREGROUND_SERVICE_REMOTE_MESSAGING	normal	allows foreground services for remote messaging.	Allows a regular application to use Service.startForeground with the type "remoteMessaging".

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.FOREGROUND_SERVICE_MICROPHONE	normal	permits foreground services with microphone use.	Allows a regular application to use Service.startForeground with the type "microphone".
android.permission.RECORD_AUDIO	dangerous	record audio	Allows application to access the audio record path.
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.MODIFY_AUDIO_SETTINGS	normal	change your audio settings	Allows application to modify global audio settings, such as volume and routing.
android.permission.BROADCAST_STICKY	normal	send sticky broadcast	Allows an application to send sticky broadcasts, which remain after the broadcast ends. Malicious applications can make the phone slow or unstable by causing it to use too much memory.
android.permission.USE_FULL_SCREEN_INTENT	normal	required for full screen intents in notifications.	Required for apps targeting Build.VERSION_CODES.Q that want to use notification full screen intents.

# **M** APKID ANALYSIS

	DETAILS
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FILE	DETAILS	
	FINDINGS	DETAILS
	Obfuscator	DexGuard
52604d36cb6493b347a2d5785be79d2a.apk	Anti Disassembly Code	illegal class name
	FINDINGS	DETAILS
classes.dex	Anti-VM Code	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.BOARD check
	Obfuscator	DexGuard
	Compiler	r8 without marker (suspicious)
	Anti Disassembly Code	illegal class name

FILE	DETAILS	
	FINDINGS	DETAILS
	Anti-VM Code	Build.FINGERPRINT check Build.MANUFACTURER check Build.BOARD check Build.TAGS check SIM operator check network operator name check
classes2.dex	Compiler	r8 without marker (suspicious)
	Anti Disassembly Code	illegal class name

FILE	DETAILS		
	FINDINGS		DETAILS
classes3.dex	Anti-VM Code		Build.MANUFACTURER check possible Build.SERIAL check
	Compiler		r8 without marker (suspicious)
	Anti Disassembly Code		illegal class name
	FINDINGS	DETA	AILS
classes4.dex	Anti-VM Code Build.F		FINGERPRINT check
	Compiler	r8 with	nout marker (suspicious)
	FINDINGS	DETA	AILS
classes5.dex	Anti-VM Code	Build.N Build.H Build.E	FINGERPRINT check MANUFACTURER check HARDWARE check BOARD check TAGS check
	Compiler	r8 with	nout marker (suspicious)

FILE	DETAILS	
classes6.dex	FINDINGS	DETAILS
Classeso.uex	Compiler	r8 without marker (suspicious)
classes7.dex	FINDINGS	DETAILS
	Compiler	r8 without marker (suspicious)

## **BROWSABLE ACTIVITIES**

ACTIVITY	INTENT
com.amazon.identity.auth.device.workflow.WorkflowActivity	Schemes: amzn://, Hosts: com.fitbit.FitbitMobile,
com.google.android.apps.fitbit.app.cronus.impl.deeplink.DmaLandingActivity	Schemes: https://, Hosts: www.fitbit.com, www.fitbit-stage.com, Path Prefixes: /in-app/watchSetup,
com.google.android.apps.fitbit.app.identity.deeplink.ldentityLinkActivity	Schemes: https://, Hosts: www.fitbit.com, www.fitbit-stage.com, Path Prefixes: /in-app/identity-migration,

ACTIVITY	INTENT
com.fitbit.deeplink.DeepLinkActivity	Schemes: https://, fitbit://, Hosts: link.fitbit.com, active-zone-minutes, challenges, coaching, nudges, badge, habits, scale, corporate, auth, user, conversation, core-stats, remindersToMove, payments, survey, personalgoalsetting, feed, health-coaching, glucose, gallery- settings, gallery, tracker, family, minerva, explore-premium, untethered-safety, upsell, discover, exercise, heartrate, ratings, sleep, sleepHistory, sedentaryOnboarding, friend-finder, inbox, friend, breathing, today, voice, mindfulness, programs, reminders-to-move, security-events, readiness, health- connect, deeplink-notification-click, stress, temperature, coach, www.fitbit.com, www.fitbit-stage.com, workouts, cl_l2, readiness_l2, labs, Paths: /steps, /calories-burned, /distance, /floors, /onboarding, /setup, Path Prefixes: /seamless, /in-app/coach, /in-app/upsell, /in- app/payments/pushProvisioning, /invitations/accept/scale, /in-app/today, Path Patterns: /.*, /program/.*/join, .*,

# **△** NETWORK SECURITY

HIGH: 1 | WARNING: 1 | INFO: 0 | SECURE: 0

NO	SCOPE	SEVERITY	DESCRIPTION
	192.168.1.0		
	192.168.0.0		
	127.0.0.1		
	10.0.0.1/		
	192.168.0.1		
	192.168.0.2		
	192.168.0.3		
	192.168.0.4		
	192.168.0.5		
	192.168.0.6		
	192.168.0.7		
	192.168.0.8		
	192.168.0.9		

NIC	192.168.0.10	CEVEDITY	DESCRIPTION
NO	<b>\$60RE</b> 0.11	SEVERITY	DESCRIPTION
	192.168.0.12		
	192.168.0.13		
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	192.168.0.50	1	

NO	192.168.0.51 <b>\$62.985</b> 0.52	SEVERITY	DESCRIPTION
	192.168.0.53		
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NO	192.168.0.92 \$ <b>92.98</b> E <sub>0.93</sub>	SEVERITY	DESCRIPTION
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NO	192.168.0.133 <b>SCOPE</b> 192.168.0.134	SEVERITY	DESCRIPTION
	192.168.0.135		
	192.168.0.136		
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192.168.0.178 192.168.0.179 192.168.0.180 192.168.0.181 192.168.0.182 192.168.0.183 192.168.0.185 192.168.0.186 192.168.0.187 192.168.0.188 192.168.0.189 192.168.0.190 192.168.0.191 192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
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192.168.0.181 192.168.0.182 192.168.0.183 192.168.0.185 192.168.0.186 192.168.0.187 192.168.0.188 192.168.0.189 192.168.0.190 192.168.0.191 192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.182 192.168.0.183 192.168.0.184 192.168.0.185 192.168.0.186 192.168.0.187 192.168.0.188 192.168.0.199 192.168.0.190 192.168.0.191 192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.183 192.168.0.184 192.168.0.185 192.168.0.186 192.168.0.187 192.168.0.188 192.168.0.199 192.168.0.191 192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.184 192.168.0.185 192.168.0.186 192.168.0.187 192.168.0.188 192.168.0.199 192.168.0.191 192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.185 192.168.0.186 192.168.0.187 192.168.0.188 192.168.0.190 192.168.0.191 192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.186 192.168.0.187 192.168.0.188 192.168.0.190 192.168.0.191 192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.187 192.168.0.188 192.168.0.190 192.168.0.191 192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.188 192.168.0.190 192.168.0.191 192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.189 192.168.0.190 192.168.0.191 192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.190 192.168.0.191 192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.191 192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.192 192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.193 192.168.0.194 192.168.0.195	
192.168.0.194 192.168.0.195	
192.168.0.195	
192.168.0.196	
192.168.0.197	
192.168.0.198	
192.168.0.199	
192.168.0.200	
192.168.0.201	
192.168.0.202	
192.168.0.203	
192.168.0.204	
192.168.0.205	
192.168.0.206	
192.168.0.207	
192.168.0.208	
192.168.0.209	
192.168.0.210	
192.168.0.211	
192.168.0.212	
192.168.0.213	

	192.100.0.214		
NO	192.168.0.215 192.168.0.216	SEVERITY	DESCRIPTION
	192.168.0.217		
	192.168.0.218		
	192.168.0.219		
	192.168.0.220		
	192.168.0.221		
	192.168.0.222		
	192.168.0.223		
	192.168.0.224		
	192.168.0.225		
	192.168.0.226		
	192.168.0.227		
	192.168.0.228		
	192.168.0.229		
	192.168.0.230		
	192.168.0.231		
	192.168.0.232		
	192.168.0.233		
	192.168.0.234		
	192.168.0.235		
	192.168.0.236		
	192.168.0.237		
	192.168.0.238		
	192.168.0.239		
	192.168.0.240		
	192.168.0.241		
	192.168.0.242		
	192.168.0.243		
	192.168.0.244		
	192.168.0.245		
	192.168.0.246		
	192.168.0.247		
	192.168.0.248		
	192.168.0.249		
	192.168.0.250		
	192.168.0.251		
	192.168.0.252		
1	192.168.0.253	high	Domain config is insecurely configured to permit clear text traffic to these domains in scope.
<u> </u>	192.168.0.254	8	2 3 25

	192.168.0.255		
NO	<b>\$20PE</b> 1.1 192.168.1.2	SEVERITY	DESCRIPTION
	192.168.1.3		
	192.168.1.4		
	192.168.1.5		
	192.168.1.6		
	192.168.1.7		
	192.168.1.8		
	192.168.1.9		
	192.168.1.10		
	192.168.1.11		
	192.168.1.12		
	192.168.1.13		
	192.168.1.14		
	192.168.1.15		
	192.168.1.16		
	192.168.1.17		
	192.168.1.18		
	192.168.1.19		
	192.168.1.20		
	192.168.1.21		
	192.168.1.22		
	192.168.1.23		
	192.168.1.24		
	192.168.1.25		
	192.168.1.26		
	192.168.1.27		
	192.168.1.28		
	192.168.1.29		
	192.168.1.30		
	192.168.1.31		
	192.168.1.32		
	192.168.1.33		
	192.168.1.34		
	192.168.1.35		
	192.168.1.36		
	192.168.1.37		
	192.168.1.38		
	192.168.1.39		
	192.168.1.40		

	192.168.1.41		
NO	<b>\$?206</b> 8 <b>E</b> 1.42	SEVERITY	DESCRIPTION
	192.168.1.43		
	192.168.1.44		
	192.168.1.45		
	192.168.1.46		
	192.168.1.47		
	192.168.1.48		
	192.168.1.49		
	192.168.1.50		
	192.168.1.51		
	192.168.1.52		
	192.168.1.53		
	192.168.1.54		
	192.168.1.55		
	192.168.1.56		
	192.168.1.57		
	192.168.1.58		
	192.168.1.59		
	192.168.1.60		
	192.168.1.61		
	192.168.1.62		
	192.168.1.63		
	192.168.1.64		
	192.168.1.65		
	192.168.1.66		
	192.168.1.67		
	192.168.1.68		
	192.168.1.69		
	192.168.1.70		
	192.168.1.71		
	192.168.1.72		
	192.168.1.73		
	192.168.1.74		
	192.168.1.75		
	192.168.1.76		
	192.168.1.77		
	192.168.1.78		
	192.168.1.79		
	192.168.1.80		
	192.168.1.81		

	192.168.1.82		
NO	<b>\$20P</b> E1.83	SEVERITY	DESCRIPTION
	192.168.1.84		
	192.168.1.85		
	192.168.1.86		
	192.168.1.87		
	192.168.1.88		
	192.168.1.89		
	192.168.1.90		
	192.168.1.91		
	192.168.1.92		
	192.168.1.93		
	192.168.1.94		
	192.168.1.95		
	192.168.1.96		
	192.168.1.97		
	192.168.1.98		
	192.168.1.99		
	192.168.1.100		
	192.168.1.101		
	192.168.1.102		
	192.168.1.103		
	192.168.1.104		
	192.168.1.105		
	192.168.1.106		
	192.168.1.107		
	192.168.1.108		
	192.168.1.109		
	192.168.1.110		
	192.168.1.111		
	192.168.1.112		
	192.168.1.113		
	192.168.1.114		
	192.168.1.115		
	192.168.1.116		
	192.168.1.117		
	192.168.1.118		
	192.168.1.119		
	192.168.1.120		
	192.168.1.121		
	192.168.1.122		

	192.168.1.123		
NO	<b>\$QOPE</b> 1.124	SEVERITY	DESCRIPTION
	192.168.1.125		
	192.168.1.126		
	192.168.1.127		
	192.168.1.128		
	192.168.1.129		
	192.168.1.130		
	192.168.1.131		
	192.168.1.132		
	192.168.1.133		
	192.168.1.134		
	192.168.1.135		
	192.168.1.136		
	192.168.1.137		
	192.168.1.138		
	192.168.1.139		
	192.168.1.140		
	192.168.1.141		
	192.168.1.142		
	192.168.1.143		
	192.168.1.144		
	192.168.1.145		
	192.168.1.146		
	192.168.1.147		
	192.168.1.148		
	192.168.1.149		
	192.168.1.150		
	192.168.1.151		
	192.168.1.152		
	192.168.1.153		
	192.168.1.154		
	192.168.1.155		
	192.168.1.156		
	192.168.1.157		
	192.168.1.158		
	192.168.1.159		
	192.168.1.160		
	192.168.1.161		
	192.168.1.162		
	192.168.1.163	1	

	192.168.1.164		
NO	<b>SQOPE</b> 1.165	SEVERITY	DESCRIPTION
	192.168.1.166		
	192.168.1.167		
	192.168.1.168		
	192.168.1.169		
	192.168.1.170		
	192.168.1.171		
	192.168.1.172		
	192.168.1.173		
	192.168.1.174		
	192.168.1.175		
	192.168.1.176		
	192.168.1.177		
	192.168.1.178		
	192.168.1.179		
	192.168.1.180		
	192.168.1.181		
	192.168.1.182		
	192.168.1.183		
	192.168.1.184		
	192.168.1.185		
	192.168.1.186		
	192.168.1.187		
	192.168.1.188		
	192.168.1.189		
	192.168.1.190		
	192.168.1.191		
	192.168.1.192		
	192.168.1.193		
	192.168.1.194		
	192.168.1.195		
	192.168.1.196		
	192.168.1.197		
	192.168.1.198		
	192.168.1.199		
	192.168.1.200		
	192.168.1.201		
	192.168.1.202		
	192.168.1.203		
	192.168.1.204		

	192.168.1.205	CEL (EDIT) (	DESCRIPTION.
NO	<b>\$60PE</b> 1.206	SEVERITY	DESCRIPTION
	192.168.1.207		
	192.168.1.208		
	192.168.1.209		
	192.168.1.210		
	192.168.1.211		
	192.168.1.212		
	192.168.1.213		
	192.168.1.214		
	192.168.1.215		
	192.168.1.216		
	192.168.1.217		
	192.168.1.218		
	192.168.1.219		
	192.168.1.220		
	192.168.1.221		
	192.168.1.222		
	192.168.1.223		
	192.168.1.224		
	192.168.1.225		
	192.168.1.226		
	192.168.1.227		
	192.168.1.228		
	192.168.1.229		
	192.168.1.230		
	192.168.1.231		
	192.168.1.232		
	192.168.1.233		
	192.168.1.234		
	192.168.1.235		
	192.168.1.236		
	192.168.1.237		
	192.168.1.238		
	192.168.1.239		
	192.168.1.240		
	192.168.1.241		
	192.168.1.242		
	192.168.1.243		
	192.168.1.244		
	192.168.1.245		

NO	192.168.1.246 <b>592.958.</b> 1.247 192.168.1.248	SEVERITY	DESCRIPTION
	192.168.1.249		
	192.168.1.250		
	192.168.1.251		
	192.168.1.252		
	192.168.1.253		
	192.168.1.254		
	192.168.1.255		
	192.168.1.0		
	192.168.0.0		
	127.0.0.1		
	10.0.0.1/		
	192.168.0.1		
	192.168.0.2		
	192.168.0.3		
	192.168.0.4		
	192.168.0.5		
	192.168.0.6		
	192.168.0.7		
	192.168.0.8		
	192.168.0.9		
	192.168.0.10		
	192.168.0.11		
	192.168.0.12		
	192.168.0.13		
	192.168.0.14		
	192.168.0.15		
	192.168.0.16		
	192.168.0.17		
	192.168.0.18		
	192.168.0.19 192.168.0.20		
	192.168.0.21		
	192.168.0.21		
	192.168.0.23		
	192.168.0.24		
	192.168.0.25		
	192.106.0.23		

	192.168.0.26		
NO	<b>\$2062</b> 0.27 192.168.0.28	SEVERITY	DESCRIPTION
	192.168.0.29		
	192.168.0.30		
	192.168.0.31		
	192.168.0.32		
	192.168.0.33		
	192.168.0.34		
	192.168.0.35		
	192.168.0.36		
	192.168.0.37		
	192.168.0.38		
	192.168.0.39		
	192.168.0.40		
	192.168.0.41		
	192.168.0.42		
	192.168.0.43		
	192.168.0.44		
	192.168.0.45		
	192.168.0.46		
	192.168.0.47		
	192.168.0.48		
	192.168.0.49		
	192.168.0.50		
	192.168.0.51		
	192.168.0.52		
	192.168.0.53		
	192.168.0.54		
	192.168.0.55		
	192.168.0.56		
	192.168.0.57		
	192.168.0.58		
	192.168.0.59		
	192.168.0.60		
	192.168.0.61		
	192.168.0.62		
	192.168.0.63		
	192.168.0.64		
	192.168.0.65		
	192.168.0.66		

	192.168.0.67		
NO	<b>52062</b> 0.68	SEVERITY	DESCRIPTION
	192.168.0.69		
	192.168.0.70		
	192.168.0.71		
	192.168.0.72		
	192.168.0.73		
	192.168.0.74		
	192.168.0.75		
	192.168.0.76		
	192.168.0.77		
	192.168.0.78		
	192.168.0.79		
	192.168.0.80		
	192.168.0.81		
	192.168.0.82		
	192.168.0.83		
	192.168.0.84		
	192.168.0.85		
	192.168.0.86		
	192.168.0.87		
	192.168.0.88		
	192.168.0.89		
	192.168.0.90		
	192.168.0.91		
	192.168.0.92		
	192.168.0.93		
	192.168.0.94		
	192.168.0.95		
	192.168.0.96		
	192.168.0.97		
	192.168.0.98		
	192.168.0.99		
	192.168.0.100		
	192.168.0.101		
	192.168.0.102		
	192.168.0.103		
	192.168.0.104		
	192.168.0.105		
	192.168.0.106		
	192.168.0.107		

	192.168.0.108		
NO	<b>\$@0PE</b> 0.109	SEVERITY	DESCRIPTION
	192.168.0.110		
	192.168.0.111		
	192.168.0.112		
	192.168.0.113		
	192.168.0.114		
	192.168.0.115		
	192.168.0.116		
	192.168.0.117		
	192.168.0.118		
	192.168.0.119		
	192.168.0.120		
	192.168.0.121		
	192.168.0.122		
	192.168.0.123		
	192.168.0.124		
	192.168.0.125		
	192.168.0.126		
	192.168.0.127		
	192.168.0.128		
	192.168.0.129		
	192.168.0.130		
	192.168.0.131		
	192.168.0.132		
	192.168.0.133		
	192.168.0.134		
	192.168.0.135		
	192.168.0.136		
	192.168.0.137		
	192.168.0.138		
	192.168.0.139		
	192.168.0.140		
	192.168.0.141		
	192.168.0.142 192.168.0.143		
	192.168.0.144		
	192.168.0.145		
	192.168.0.146		
	192.168.0.147		
	192.168.0.147		
	192.100.0.148	1	

	192.168.0.149		
NO	<b>SCOPE</b> 0.150	SEVERITY	DESCRIPTION
	192.168.0.151		
	192.168.0.152		
	192.168.0.153		
	192.168.0.154		
	192.168.0.155		
	192.168.0.156		
	192.168.0.157		
	192.168.0.158		
	192.168.0.159		
	192.168.0.160		
	192.168.0.161		
	192.168.0.162		
	192.168.0.163		
	192.168.0.164		
	192.168.0.165		
	192.168.0.166		
	192.168.0.167		
	192.168.0.168		
	192.168.0.169		
	192.168.0.170		
	192.168.0.171		
	192.168.0.172		
	192.168.0.173		
	192.168.0.174		
	192.168.0.175		
	192.168.0.176		
	192.168.0.177		
	192.168.0.178		
	192.168.0.179		
	192.168.0.180		
	192.168.0.181		
	192.168.0.182		
	192.168.0.183		
	192.168.0.184		
	192.168.0.185		
	192.168.0.186		
	192.168.0.187		
	192.168.0.188		
	192.168.0.189		

NO	192.168.0.190	CEVEDITY	DESCRIPTION
NO	<b>\$60RE</b> 0.191	SEVERITY	DESCRIPTION
	192.168.0.192		
	192.168.0.193		
	192.168.0.194		
	192.168.0.195		
	192.168.0.196		
	192.168.0.197		
	192.168.0.198		
	192.168.0.199		
	192.168.0.200		
	192.168.0.201		
	192.168.0.202		
	192.168.0.203		
	192.168.0.204		
	192.168.0.205		
	192.168.0.206		
	192.168.0.207		
	192.168.0.208		
	192.168.0.209		
	192.168.0.210		
	192.168.0.211		
	192.168.0.212		
	192.168.0.213		
	192.168.0.214		
	192.168.0.215		
	192.168.0.216		
	192.168.0.217		
	192.168.0.218		
	192.168.0.219		
	192.168.0.220		
	192.168.0.221		
	192.168.0.222 192.168.0.223		
	192.168.0.224 192.168.0.225		
	192.168.0.226		
	192.168.0.226		
	192.168.0.227		
	192.168.0.229		
	192.168.0.230	I	I and the second se

NO	192.168.0.231 <b>\$60.85</b> 0.232 192.168.0.233	SEVERITY	DESCRIPTION
2	192.168.0.234 192.168.0.235 192.168.0.236 192.168.0.237 192.168.0.238 192.168.0.240 192.168.0.241 192.168.0.242 192.168.0.244 192.168.0.245 192.168.0.245 192.168.0.246 192.168.0.247 192.168.0.248 192.168.0.249 192.168.0.250 192.168.0.251 192.168.0.251 192.168.0.252 192.168.0.253 192.168.0.253 192.168.0.255 192.168.1.1 192.168.1.2 192.168.1.3 192.168.1.5 192.168.1.7 192.168.1.10 192.168.1.11 192.168.1.11 192.168.1.11 192.168.1.11 192.168.1.11 192.168.1.11 192.168.1.11 192.168.1.11 192.168.1.15 192.168.1.15 192.168.1.15 192.168.1.15	warning	Domain config is configured to trust system certificates.

NO	192.168.1.17 <b>\$92.088.</b> 1.18 192.168.1.19	SEVERITY	DESCRIPTION
	192.168.1.20		
	192.168.1.21		
	192.168.1.22		
	192.168.1.23		
	192.168.1.24 192.168.1.25		
	192.168.1.26		
	192.168.1.27		
	192.168.1.28		
	192.168.1.29		
	192.168.1.30		
	192.168.1.31		
	192.168.1.32		
	192.168.1.33		
	192.168.1.34		
	192.168.1.35		
	192.168.1.36		
	192.168.1.37		
	192.168.1.38		
	192.168.1.39		
	192.168.1.40		
	192.168.1.41		
	192.168.1.42		
	192.168.1.43		
	192.168.1.44		
	192.168.1.45		
	192.168.1.46		
	192.168.1.47		
	192.168.1.48		
	192.168.1.49		
	192.168.1.50		
	192.168.1.51		
	192.168.1.52		
	192.168.1.53		
	192.168.1.54		
	192.168.1.55		
	192.168.1.56		
	192 168 1 57	1	

NO	192.168.1.58 <b>SCOPE</b> 192.168.1.59	SEVERITY	DESCRIPTION
	192.168.1.60		
	192.168.1.61		
	192.168.1.62		
	192.168.1.63		
	192.168.1.64		
	192.168.1.65		
	192.168.1.66		
	192.168.1.67		
	192.168.1.68		
	192.168.1.69		
	192.168.1.70		
	192.168.1.71		
	192.168.1.72		
	192.168.1.73		
	192.168.1.74		
	192.168.1.75		
	192.168.1.76		
	192.168.1.77		
	192.168.1.78		
	192.168.1.79		
	192.168.1.80		
	192.168.1.81		
	192.168.1.82		
	192.168.1.83		
	192.168.1.84		
	192.168.1.85		
	192.168.1.86		
	192.168.1.87		
	192.168.1.88		
	192.168.1.89		
	192.168.1.90		
	192.168.1.91		
	192.168.1.92		
	192.168.1.93		
	192.168.1.94		
	192.168.1.95		
	192.168.1.96		
	192.168.1.97		
l	192 168 1 98	1	ı

NO	192.168.1.99 <b>5COPE</b> 192.168.1.100	SEVERITY	DESCRIPTION
	192.168.1.101		
	192.168.1.102		
	192.168.1.103		
	192.168.1.104		
	192.168.1.105		
	192.168.1.106		
	192.168.1.107		
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	192.168.1.133		
	192.168.1.134		
	192.168.1.135		
	192.168.1.136		
	192.168.1.137		
	192.168.1.138		
	102 160 1 120		

	192.100.1.139		
NO	192.168.1.140 192.168.1.141	SEVERITY	DESCRIPTION
	192.168.1.142		
	192.168.1.143		
	192.168.1.144		
	192.168.1.145		
	192.168.1.146		
	192.168.1.147		
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	192.168.1.179		
I	400 400 4 400	Ī	1

	192.168.1.180		
NO	\$ <b>\circ\text{0}PE</b> 1.181 192.168.1.182	SEVERITY	DESCRIPTION
	192.168.1.183		
	192.168.1.184		
	192.168.1.185		
	192.168.1.186		
	192.168.1.187		
	192.168.1.188		
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	192.168.1.219		
	192.168.1.220		
	192,100,1,220		

	192.168.1.221		
NO	\$206£1.222	SEVERITY	DESCRIPTION
	192.168.1.223		
	192.168.1.224		
	192.168.1.225		
	192.168.1.226		
	192.168.1.227		
	192.168.1.228		
	192.168.1.229		
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	192.168.1.253		
	192.168.1.254		
	192.168.1.255		

## HIGH: 1 | WARNING: 0 | INFO: 1

TITLE	SEVERITY	DESCRIPTION
Signed Application	info	Application is signed with a code signing certificate
Certificate algorithm vulnerable to hash collision	high	Application is signed with SHA1withRSA. SHA1 hash algorithm is known to have collision issues.

## **Q** MANIFEST ANALYSIS

HIGH: 0 | WARNING: 35 | INFO: 0 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	DESCRIPTION
1	App has a Network Security Configuration [android:networkSecurityConfig=@xml/fdp_network_security_config]	info	The Network Security Configuration feature lets apps customize their network security settings in a safe, declarative configuration file without modifying app code. These settings can be configured for specific domains and for a specific app.
2	Activity (com.fitbit.device.ui.setup.choose.FastPairLandingActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
3	Activity (com.amazon.identity.auth.device.workflow.WorkflowActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
4	Activity (com.fitbit.permissions.ui.PermissionUsageRationaleActivity) is Protected by a permission, but the protection level of the permission should be checked.  Permission: android.permission.START_VIEW_PERMISSION_USAGE [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.

NO	ISSUE	SEVERITY	DESCRIPTION
5	Service (com.fitbit.dncs.observers.AllAppNotificationListenerService) is Protected by a permission, but the protection level of the permission should be checked.  Permission: android.permission.BIND_NOTIFICATION_LISTENER_SERVICE [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
6	Service (com.fitbit.serverinteraction.SsoService) is Protected by a permission.  Permission: com.fitbit.FitbitMobile.permission.SSO  protectionLevel: signature [android:exported=true]	info	A Service is found to be exported, but is protected by permission.
7	Activity (com.google.android.apps.fitbit.app.bodytemperature.thermometer.BodyTemperatureReceivingActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
8	Activity (com.google.android.apps.fitbit.app.cronus.impl.deeplink.DmaLandingActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
9	Service (com.fitbit.cronus.impl.wear.WearService) is not Protected. [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
10	Service (com.google.android.apps.fitbit.app.gpay.GPayMseService) is not Protected. [android:exported=true]		A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
11	Activity (com.google.android.apps.fitbit.app.identity.deeplink.ldentityLinkActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
12	Service (com.google.android.gms.auth.api.signin.RevocationBoundService) is Protected by a permission, but the protection level of the permission should be checked.  Permission: com.google.android.gms.auth.api.signin.permission.REVOCATION_NOTIFICATION [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
13	Broadcast Receiver (com.google.android.libraries.phenotype.client.stable.AccountRemovedBroadcastReceiver) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION	
14	Broadcast Receiver (com.google.android.libraries.phenotype.client.stable.PhenotypeUpdateBackgroundBroadcastReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.gms.permission.PHENOTYPE_UPDATE_BROADCAST [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.	
15	Activity (com.google.android.libraries.social.licenses.LicenseMenuActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.	
16	Broadcast Receiver (com.google.apps.tiktok.account.data.device.DeviceAccountsChangedReceiver_Receiver) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.	

NO	ISSUE		TY DESCRIPTION	
17	Broadcast Receiver (com.google.firebase.iid.FirebaseInstanceIdReceiver) is Protected by a permission, but the protection level of the permission should be checked.  Permission: com.google.android.c2dm.permission.SEND  [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.	
18	Activity (androidx.compose.ui.tooling.PreviewActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.	
19	Service (androidx.health.platform.client.impl.sdkservice.HealthDataSdkService) is not Protected. [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.	

NO	ISSUE	SEVERITY	DESCRIPTION
20	Service (androidx.work.impl.background.systemjob.SystemJobService) is Protected by a permission, but the protection level of the permission should be checked.  Permission: android.permission.BIND_JOB_SERVICE [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.

NO	ISSUE	SEVERITY	DESCRIPTION
21	Broadcast Receiver (androidx.work.impl.diagnostics.DiagnosticsReceiver) is Protected by a permission, but the protection level of the permission should be checked.  Permission: android.permission.DUMP  [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
22	Activity (com.fitbit.deeplink.DeepLinkActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
23	Service (com.fitbit.navigation.NavigationConsumerService) is not Protected. [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION	
24	Broadcast Receiver (com.fitbit.device.notifications.listener.calls.PhoneCallReceiver) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.	
25	Activity (com.fitbit.potato.ga.oauth.ui.AccountLinkingActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.	
26	Activity (com.fitbit.healthplatform.ui.HealthConnectOnboardingActivity) is Protected by a permission, but the protection level of the permission should be checked.  Permission: com.google.android.apps.healthdata.permission.START_ONBOARDING [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.	

NO	ISSUE	SEVERITY	DESCRIPTION
27	Activity (com.fitbit.healthplatform.ui.HealthConnectSettingsActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
28	Activity (com.fitbit.healthplatform.ui.PermissionsRationaleActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
29	Activity-Alias (com.fitbit.healthplatform.ui.ViewPermissionUsageActivity) is Protected by a permission, but the protection level of the permission should be checked.  Permission: android.permission.START_VIEW_PERMISSION_USAGE  [android:exported=true]	warning	An Activity-Alias is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.

NO	ISSUE	SEVERITY	DESCRIPTION
30	Broadcast Receiver (com.fitbit.heart.survey.impl.di.LocaleChangeBroadcastReceiver) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
31	Service (com.fitbit.livewallpaper.StepsWallpaperService) is Protected by a permission, but the protection level of the permission should be checked.  Permission: android.permission.BIND_WALLPAPER [android:exported=true]		A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
32	Content Provider (com.fitbit.platform.externalapp.ExternalAppsRequestContentProvider) is not Protected. [android:exported=true]	warning	A Content Provider is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
33	Broadcast Receiver (com.fitbit.widget.ui.PrimaryGoalWidgetProvider) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
34	Activity (com.fitbit.widget.ui.QuickAccessAppWidgetConfigureActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
35	Broadcast Receiver (com.fitbit.widget.ui.QuickAccessWidgetProvider) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
36	Broadcast Receiver (com.fitbit.bluetooth.fbgatt.HandleIntentBasedScanResult) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
37	Broadcast Receiver (com.fitbit.bluetooth.fbgatt.LowEnergyAclListener) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

## </> CODE ANALYSIS

HIGH: 2 | WARNING: 10 | INFO: 2 | SECURE: 2 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/davemorrissey/labs/subscaleview/Subsam plingScalelmageView.java com/fitbit/FitBitApplication.java com/fitbit/alexa/auth/AmazonAuthorizeListener. java com/fitbit/food/domain/FoodLog.java com/fitbit/food/domain/FoodLog.java com/fitbit/food/ui/landing/FoodLoggingLanding Activity.java com/fitbit/food/ui/logging/LogFoodActivity.java com/fitbit/food/ui/logging/NutritionFactsActivity .java com/fitbit/food/ui/logging/QuickCalorieAddActi vity.java com/fitbit/food/ui/logging/QuickCalorieAddActi vity.java com/fitbit/goals/ui/PlanIntensityFragment.java com/fitbit/goals/ui/PlanIntensityFragment.java com/fitbit/goldengate/metrics/GoldenGateLogg er\$logEvent\$1.java com/fitbit/healthplatform/fetch/HttpWeightClie nt.java com/fitbit/healthplatform/fetch/data/WeightLog .java com/fitbit/sleep/impl/core/model/SleepLog.java com/fitbit/sleep/impl/core/model/SleepLogDao.java com/fitbit/sleep/impl/core/model/SleepLogDao.java com/fitbit/stress2/data/model/StressMoodLog.java com/fitbit/stress2/data/model/StressMoodLog.java defpackage/acpc.java defpackage/acpc.java defpackage/acpc.java defpackage/acpu.java defpackage/acpu.java defpackage/acpu.java defpackage/acpu.java defpackage/acpu.java defpackage/acpu.java defpackage/acpu.java

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NO	ISSUE	SEVERITY	STANDARDS	defreskage/adxl.java
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		,		defpackage/aehj.java
ļ	1			defpackage/aeqs.java
ļ	1			defpackage/aext.java
1	1			defpackage/afaz.java
	1			defpackage/afg.java
	1			defpackage/ag.java
	1			defpackage/aij.java
'	1			defpackage/ais.java
	1			defpackage/aj.java
	1			defpackage/ak.java
	1			defpackage/akdz.java
	1			defpackage/ansp.java
	1			defpackage/aqcx.java
	1			defpackage/aqjr.java
ļ	1			defpackage/at.java
1	1			defpackage/bans.java
	1			defpackage/bbgj.java
İ	1			defpackage/bgvh.java
	1			defpackage/bgzn.java
	1			defpackage/bgzo.java
	1			defpackage/bish.java
ļ	1			defpackage/biyn.java
1	1			defpackage/biyr.java
1	1			defpackage/bjbq.java
	1			defpackage/bjeb.java
<u> </u>	1			defpackage/bjew.java
 	1			defpackage/bjir.java
 	1			defpackage/bjjg.java
'	1			defpackage/bjji.java
	1			defpackage/bjjw.java
	1			defpackage/bjkf.java
	1			defpackage/bjkj.java
1	1			defpackage/bjkl.java
	1			defpackage/bjkm.java
İ	1			defpackage/bjkp.java
	1			defpackage/bjkq.java
	1			defpackage/bjlb.java
	1			defpackage/bjle.java

				detpackage/bjlt.java
NO	ISSUE	SEVERITY	STANDARDS	<b>ជុំខ្មែរក្នុ</b> kage/bjmi.java
'				defpackage/bjmq.java
ļ	1			defpackage/bjmz.java
ļ	1			defpackage/bjnf.java
ļ	1			defpackage/bjns.java
ı	1			defpackage/bjnw.java
ı	1			defpackage/bjnz.java
ļ	1			defpackage/bjoe.java
ı	1			defpackage/bjoj.java
ļ	1			defpackage/bjom.java
ļ	1			defpackage/bjqc.java
ļ	1			defpackage/bjqh.java
ļ	1			defpackage/bjqk.java
ļ	1			defpackage/bjqn.java
ı	1			defpackage/bjqq.java
ı	1			defpackage/bjqv.java
ļ	1			defpackage/bjqy.java
ļ	1			defpackage/bjrf.java
ļ	1			defpackage/bjrh.java
ı	1			defpackage/bjrm.java
ı	1			defpackage/bjsj.java
ı	1			defpackage/bjsq.java
ı	1			defpackage/bjss.java
ļ	1			defpackage/bjti.java
ļ	1			defpackage/bjtw.java
ı	1			defpackage/bjtx.java
ļ	1			defpackage/bjxu.java
ı	1			defpackage/bjzd.java
ļ	1			defpackage/bkce.java
ļ	1			defpackage/bkcl.java
ı	1			defpackage/bkdj.java
ļ	1			defpackage/bkel.java
ı	1			defpackage/bkex.java
ļ	1			defpackage/bkgf.java
ļ	1			defpackage/bkgx.java
ļ	1			defpackage/bkhs.java
ļ	1			defpackage/bkit.java
ļ	1			defpackage/bkkr.java
ļ	1			defpackage/bkkz.java
ı	1			defpackage/bkla.java
,	1			derpackage/bkia.java

				defpackage/bklo.java
NO	ISSUE	SEVERITY	STANDARDS	<b>ፑቲ[፲፫</b> §kage/bklq.java
	<del> </del>	<u> </u>		defpackage/bkmb.java
ļ	1			defpackage/bknf.java
ŀ				defpackage/bkng.java
ļ				defpackage/bkou.java
ŀ				defpackage/bkow.java
ļ	1			defpackage/bkph.java
ļ	1			defpackage/bkqc.java
ļ	1			defpackage/bkrz.java
ŀ	1			defpackage/bksa.java
ŀ				defpackage/bksd.java
ŀ	1			defpackage/blie.java
ŀ	1			defpackage/bmus.java
ŀ	1			defpackage/bmvm.java
ŀ	1			defpackage/bmwe.java
ŀ	1			defpackage/bmyb.java
ŀ	1			defpackage/bmzm.java
ŀ	1			defpackage/bmzn.java
ŀ	1			defpackage/bnbw.java
ŀ	1			defpackage/bncc.java
ŀ	1			defpackage/bncx.java
ļ				defpackage/bniz.java
ŀ	1			defpackage/bnkv.java
ŀ	1			defpackage/bnkx.java
ŀ	1			defpackage/bnlb.java
ŀ				defpackage/bnll.java
ŀ	1			defpackage/bnrd.java
ļ				defpackage/bnrj.java
ŀ	1			defpackage/bnuy.java
ŀ	1			defpackage/bnvc.java
ŀ				defpackage/bnvd.java
ļ	1			defpackage/bnve.java
ļ	1			defpackage/bnvf.java
ļ	1			defpackage/bnvg.java
ŀ				defpackage/bnvk.java
ŀ	1			defpackage/bnwj.java
ŀ				defpackage/bnwn.java
ŀ	1			defpackage/bnwp.java
ŀ				defpackage/bnxc.java
ŀ	1			defpackage/boax.java

				defpackage/bocq.java
NO	ISSUE	SEVERITY	STANDARDS	<b>Fe[ជ្រΞ</b> ៃkage/boeu.java
				defpackage/boib.java
				defpackage/boie.java
				defpackage/boif.java
				defpackage/boig.java
				defpackage/boih.java
				defpackage/bolx.java
				defpackage/bolz.java
				defpackage/bomd.java
				defpackage/bomg.java
				defpackage/bomi.java
				defpackage/bomk.java
				defpackage/bomn.java
				defpackage/boms.java
				defpackage/bomt.java
				defpackage/bomz.java
				defpackage/bonb.java
				defpackage/bonn.java
				defpackage/bonq.java
				defpackage/bont.java
				defpackage/booc.java
				defpackage/book.java
				defpackage/boqr.java
				defpackage/bovh.java
				defpackage/bows.java
				defpackage/boym.java
				defpackage/bozb.java
				defpackage/bpce.java
				defpackage/bpdy.java
				defpackage/bpib.java
				defpackage/bpiv.java
				defpackage/bpjh.java
				defpackage/bpjj.java
				defpackage/bpjm.java
				defpackage/bppp.java
				defpackage/bqcf.java
				defpackage/bqof.java
				defpackage/bqra.java
				defpackage/bqrh.java
1				defpackage/bqrl.java

NO	ISSUE	SEVERITY	STANDARDS	defpackage/brcq.java
				defpackage/bsoi.java defpackage/bsok.java
				defpackage/bta.java
				defpackage/btcc.java
				defpackage/bteq.java
				defpackage/btfi.java
				defpackage/btfl.java
				defpackage/btvp.java
				defpackage/buae.java
				defpackage/bueg.java
				defpackage/buff.java
				defpackage/bwhi.java
			CWE: CWE-532: Insertion of Sensitive	defpackage/bwbi.java defpackage/bxaj.java
1	The App logs information. Sensitive	info	Information into Log File	defpackage/bxaj.java defpackage/by.java
1	information should never be logged.	IIIIO	OWASP MASVS: MSTG-STORAGE-3	
			OWASP MASVS, MSTG-STORAGE-S	defpackage/byli.java
				defpackage/bymz.java
				defpackage/byni.java
				defpackage/byqd.java
				defpackage/byqi.java
				defpackage/byqv.java
				defpackage/bywp.java
				defpackage/bzac.java
				defpackage/bzbh.java
				defpackage/c.java
				defpackage/cm.java
				defpackage/czz.java
				defpackage/dk.java
				defpackage/dl.java
				defpackage/ds.java
				defpackage/ecj.java
				defpackage/ee.java
				defpackage/ek.java
				defpackage/eko.java
				defpackage/epx.java
				defpackage/esi.java
				defpackage/etf.java
				defpackage/eyd.java
				defpackage/eym.java
				defpackage/eyw.java

NO	ISSUE	SEVERITY	STANDARDS	defpackage/eyz.java
				defpackage/fai.java
				defpackage/fax.java
				defpackage/fbk.java
				defpackage/fbx.java
				defpackage/fbz.java
				defpackage/fca.java
				defpackage/fcc.java
				defpackage/fcf.java
				defpackage/fch.java
				defpackage/fci.java
				defpackage/fcj.java
				defpackage/fcn.java
				defpackage/fcs.java
				defpackage/fcu.java
				defpackage/fcy.java
				defpackage/fdb.java
				defpackage/fdf.java
				defpackage/fdg.java
				defpackage/fdm.java
				defpackage/feg.java
				defpackage/fej.java
				defpackage/fer.java
				defpackage/fez.java
				defpackage/ffi.java
				defpackage/ffn.java
				defpackage/ffp.java
				defpackage/ffz.java
				defpackage/fgb.java
				defpackage/fgg.java
				defpackage/fgv.java
				defpackage/fgw.java
				defpackage/fil.java
				defpackage/fis.java
				defpackage/fjn.java
				defpackage/fkp.java
				defpackage/fkq.java
				defpackage/fq.java
				defpackage/frj.java
				defpackage/frl.java

NO	ISSUE	SEVERITY	STANDARDS	defpackage/frm.java Gefpackage/gaf.java defpackage/gci.java
				defpackage/gci.java defpackage/gmi.java
				defpackage/gmm.java
				defpackage/gmr.java
				defpackage/gnd.java
				defpackage/gne.java
				defpackage/gnf.java
				defpackage/gqw.java
				defpackage/he.java
				defpackage/hei.java
				defpackage/hf.java
				defpackage/hfa.java
				defpackage/hln.java
				defpackage/hpl.java
				defpackage/hpu.java
				defpackage/hpz.java
				defpackage/hqh.java
				defpackage/hqj.java
				defpackage/hqk.java
				defpackage/hqo.java
				defpackage/hqp.java
				defpackage/hqq.java
				defpackage/hqs.java
				defpackage/hqt.java
				defpackage/hqu.java
				defpackage/hrl.java
				defpackage/hsf.java
				defpackage/hsh.java
				defpackage/hsj.java
				defpackage/hsn.java
				defpackage/hsx.java
				defpackage/htw.java
				defpackage/hx.java
				defpackage/hzs.java
				defpackage/icg.java
				defpackage/idb.java
				defpackage/idp.java
				defpackage/ijs.java
				defnackage/inn.iava

NO	ISSUE	SEVERITY	STANDARDS	defpackage/ipl.java
				defpackage/isv.java defpackage/isy.java
				defpackage/itp.java
				defpackage/its.java
				defpackage/iuq.java
				defpackage/iuy.java
				defpackage/ivc.java
				defpackage/ivq.java
				defpackage/ivz.java defpackage/ivz.java
				defpackage/iwc.java
				defpackage/ixd.java
				defpackage/ixh.java
				defpackage/ixq.java
				defpackage/ixu.java defpackage/ixu.java
				defpackage/ixv.java
				defpackage/ixx.java
				defpackage/iyz.java
				defpackage/izi.java
				defpackage/izi.java
				defpackage/izj.java
				defpackage/jaq.java
				defpackage/jbt.java
				defpackage/jjh.java
				defpackage/jqv.java
				defpackage/jrm.java
				defpackage/jrx.java
				defpackage/js.java
				defpackage/jsd.java
				defpackage/jse.java
				defpackage/jsf.java
				defpackage/jsk.java
				defpackage/jsl.java
				defpackage/jso.java
				defpackage/jsp.java
				defpackage/jsr.java
				defpackage/jss.java
				defpackage/jst.java
				defpackage/jsx.java
1				defnackage/isv/iava

NO	ISSUE	SEVERITY	STANDARDS	defpackage/jtf.java LILES defpackage/jtg.java
				defpackage/jtm.java
				defpackage/jtn.java
				defpackage/jtp.java
				defpackage/jtr.java
				defpackage/jtt.java
				defpackage/jtv.java
				defpackage/jtw.java
				defpackage/jtx.java
				defpackage/jty.java
				defpackage/jub.java
				defpackage/juc.java
				defpackage/jud.java
				defpackage/jue.java
				defpackage/juh.java
				defpackage/juj.java
				defpackage/juo.java
				defpackage/jut.java
				defpackage/jux.java
				defpackage/jvh.java
				defpackage/jvj.java
				defpackage/jvp.java
				defpackage/jvt.java
				defpackage/jvw.java
				defpackage/jvz.java
				defpackage/jwb.java
				defpackage/jwe.java
				defpackage/jxq.java
				defpackage/jyu.java
				defpackage/jzl.java
				defpackage/jzq.java
				defpackage/jzv.java
				defpackage/jzw.java defpackage/jzw.java
				derpackage/jzw.java defpackage/kar.java
				defpackage/kp.java
				defpackage/mdg.java
				defpackage/mh.java
				defpackage/mj.java
				defpackage/mn.java

				астраскавсттј.јача
NO	ISSUE	SEVERITY	STANDARDS	defpackage/nnb.java FILES defpackage/nos.java
				defpackage/og.java
				defpackage/pfr.java
				defpackage/prf.java
				defpackage/sdy.java
				defpackage/tdu.java
				defpackage/twe.java
				defpackage/ulh.java
				defpackage/umg.java
				defpackage/unu.java
				defpackage/uwf.java
				defpackage/uwj.java
				defpackage/uwt.java
				defpackage/uxd.java
				defpackage/uyj.java
				defpackage/vwx.java
				defpackage/wgn.java
				defpackage/wuz.java
				defpackage/yy.java
				defpackage/zbp.java
				defpackage/zf.java
				defpackage/zha.java
				defpackage/zl.java
				defpackage/zpt.java
				org/greenrobot/greendao/AbstractDao.java
				org/greenrobot/greentdao/AbstractDao.java
				com/fitbit/heartrate/api/HeartRateApi.java
				com/fitbit/httpcore/impl/MobileDeviceManage
				ment.java
				com/fitbit/httpcore/impl/oauth/delegation/Dele
				gateTokenGenerator.java
				com/fitbit/notificationscenter/data/Notifications
				CenterBusinessLogic.java
				com/fitbit/platform/injection/adapters/Producti
				onRemoteBackendServiceProvider.java
				com/fitbit/synclair/ui/FirmwareUpdateActivity.ja
				va
				defpackage/aarh.java
		i		

NO	ISSUE	SEVERITY	STANDARDS	defpackage/aawf.java
				defpackage/aaxc.java
				defpackage/aboy.java
				defpackage/acbl.java
				defpackage/acem.java
				defpackage/acyq.java
				defpackage/aczs.java
				defpackage/adrv.java
				defpackage/aedk.java
				defpackage/aenb.java
				defpackage/aetz.java
				defpackage/afgl.java
				defpackage/agcx.java
				defpackage/aglr.java
				defpackage/ahrm.java
				defpackage/ajbd.java
				defpackage/aomw.java
				defpackage/apqm.java
				defpackage/aviu.java
				defpackage/axfd.java
				defpackage/kar.java
				defpackage/kas.java
				defpackage/khz.java
	This App uses SSL certificate pinning			defpackage/kic.java
2	to detect or prevent MITM attacks in	secure	OWASP MASVS: MSTG-NETWORK-4	defpackage/kqm.java
	secure communication channel.		OWN ST WIND VO. WISTER IVET WORK I	defpackage/kqw.java
				defpackage/lcr.java
				defpackage/lxg.java
				defpackage/mkk.java
				defpackage/mua.java
				defpackage/owi.java
				defpackage/ows.java
				defpackage/pfm.java
				defpackage/pgj.java
				defpackage/pmo.java
				defpackage/qvm.java
				defpackage/rjq.java
				defpackage/sno.java
				defpackage/tlr.java

		defpackage/umg.java defpackage/uuy.java defpackage/uuv.java defpackage/uvn.java defpackage/wgh.java defpackage/wgm.java defpackage/wgo.java defpackage/wgu.java defpackage/wgv.java defpackage/whc.java
		defpackage/uuv.java defpackage/uvn.java defpackage/wgh.java defpackage/wgm.java defpackage/wgo.java defpackage/wgu.java defpackage/wgv.java defpackage/wgv.java
		defpackage/uvn.java defpackage/wgh.java defpackage/wgm.java defpackage/wgo.java defpackage/wgu.java defpackage/wgv.java defpackage/wgv.java
		defpackage/wgh.java defpackage/wgm.java defpackage/wgo.java defpackage/wgu.java defpackage/wgv.java defpackage/whc.java
		defpackage/wgm.java defpackage/wgo.java defpackage/wgu.java defpackage/wgv.java defpackage/whc.java
		defpackage/wgo.java defpackage/wgu.java defpackage/wgv.java defpackage/whc.java
		defpackage/wgu.java defpackage/wgv.java defpackage/whc.java
		defpackage/wgv.java defpackage/whc.java
		defpackage/whc.java
	I .	defpackage/whf.java
		defpackage/xff.java
		defpackage/xif.java
ı		defpackage/xkl.java
		defpackage/xkn.java
		defpackage/xxp.java
		defpackage/yhr.java
		defpackage/ymb.java
		defpackage/ysw.java
		defpackage/zer.java
		defpackage/zpd.java
		defpackage/zsr.java
		coil/memory/MemoryCache\$Key.java
		com/fitbit/bowie/model/BowieKeyAttributes.jav
		a
		com/fitbit/bowie/model/BowieKeyData.java
		com/fitbit/data/repo/greendao/migration/Migra
		tionUtils.java
		com/fitbit/discover/data/DiscoverTag.java
		com/fitbit/discover/data/SortingOption.java
		com/fitbit/goldengate/SpecialMtuHandlingRequi
		redCheckerImpl.java
		com/fitbit/goldengate/mobiledata/ProtobufCom
		monKeys.java
		com/fitbit/heart/survey/impl/db/HeartSurvey.ja
		va
		com/fitbit/httpcore/impl/oauth/AuthInfo.java
ı		com/fitbit/httpcore/impl/oauth/AuthenticationR

NO	ISSUE	SEVERITY	STANDARDS	equest.java <b>Edb 26</b> tbit/httpcore/impl/oauth/OAuthConstants
				ijava com/fitbit/platform/domain/companion/storage /changes/C\$AutoValue_AppClusterStorageChang elnformation.java com/fitbit/platform/domain/companion/storage /changes/C\$AutoValue_StorageChangeInformati on.java com/fitbit/platform/domain/gallery/bridge/notif iers/AutoValue_NotifySettingsChanged_SettingsC hangedData.java com/fitbit/pluto/model/local/FamilyMember.jav a com/fitbit/pluto/ui/onboarding/viewmodel/Abo utTheKidViewModel.java com/fitbit/potato/ga/key/GoogleAssistantKeysA pi.java defpackage/aako.java defpackage/aakq.java defpackage/adbo.java defpackage/adfe.java defpackage/adwb.java defpackage/adwb.java defpackage/adwb.java defpackage/ahql.java defpackage/ahql.java defpackage/ahql.java defpackage/ajco.java defpackage/ajco.java defpackage/ajco.java
3	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	defpackage/ajcs.java defpackage/alyc.java defpackage/amgl.java defpackage/amho.java defpackage/amhq.java defpackage/amrl.java defpackage/apxc.java defpackage/apyf.java defpackage/aroc.java defpackage/arod.java defpackage/arrb.java

NO	ICCLIE	CEVEDITY	CTANDADDC	defpackage/arrq.java
VU	ISSUE	SEVERITY	STANDARDS	<b>Gertass</b> kage/arsb.java
	<u>'</u>	<del>                                     </del>		defpackage/arto.java
			1	defpackage/arus.java
	'	1	1	defpackage/arvc.java
			1	defpackage/arxl.java
		1	1	defpackage/asak.java
			1	defpackage/asde.java
	'	1	1	defpackage/asdi.java
	'	1	1	defpackage/asdx.java
			1	defpackage/ased.java
	'	1	1	defpackage/asei.java
		1	1	defpackage/asfj.java
	'	1	1	defpackage/asiq.java
	'	1	1	defpackage/asiz.java
			1	defpackage/axls.java
	'	1	1	defpackage/bbns.java
			1	defpackage/bbol.java
	'	1	1	defpackage/bcmh.java
		1	1	defpackage/bdxs.java
	·			defpackage/bdxu.java
	·			defpackage/bdzb.java
			1	defpackage/bear.java
	'	1	1	defpackage/beat.java
			1	defpackage/bnrh.java
	'	1	1	defpackage/bnxj.java
			1	defpackage/bpoz.java
	'	1	1	defpackage/bpsk.java
		1	1	defpackage/bruc.java
			1	defpackage/brwj.java
	'	1	1	defpackage/bvka.java
		1	1	defpackage/bya.java
	'	1	1	defpackage/ckb.java
	'	1	1	defpackage/czk.java
	'	1	1	defpackage/daq.java
	'	1	1	defpackage/izs.java
	'	1	1	defpackage/jwb.java
	'	1	1	defpackage/lxv.java
	'	1	1	
			1	defpackage/mek.java
	'	1	1	defpackage/qgm.java

				defpackage/slz.java defpackage/xfy.java defpackage/xgq.java defpackage/xgr.java eefpackage/xgr.java
				defpackage/xgq.java defpackage/xgr.java
				defpackage/xgr.java
				eefpमधिक्षकिर्धिकेट्रेकेस्वimpl/oauth/OAuth2Client ia
				l va
		1		com/fitbit/runtrack/ui/RecordExerciseSessionA
				ivity.java
				com/fitbit/weight/ui/weight/goal/flow/WeightG
				oalCompletedActivity.java
				defpackage/abfm.java
				defpackage/arln.java
				defpackage/bisc.java
				defpackage/bjij.java
				defpackage/bnoa.java
				defpackage/bnov.java
				defpackage/bnpz.java
				defpackage/bntv.java
				defpackage/bnty.java
				defpackage/bnud.java
				defpackage/bnue.java
				defpackage/bpxb.java
				defpackage/bqol.java
				defpackage/bqpl.java
				defpackage/bvdv.java
			CWE: CWE-330: Use of Insufficiently Random	defpackage/bvdy.java
	The App uses an insecure Random		Values	defpackage/bvea.java
4	Number Generator.	warning	OWASP Top 10: M5: Insufficient	defpackage/bvhi.java
			Cryptography	defpackage/bvhn.java
			OWASP MASVS: MSTG-CRYPTO-6	defpackage/bvil.java
				defpackage/bvln.java
				defpackage/bvod.java
				defpackage/bxlc.java
				defpackage/bxld.java
				defpackage/bxle.java
				defpackage/bxlj.java
				defpackage/fsh.java
				defpackage/stq.java

NO	ISSUE	SEVERITY	STANDARDS	defpackage/gtu.java <b>Ferfas</b> kage/gve.java  defpackage/juj.java
				defpackage/jwi.java defpackage/kar.java defpackage/ngd.java defpackage/ngx.java defpackage/nns.java defpackage/nod.java defpackage/qbn.java defpackage/riw.java j\$/util/concurrent/ThreadLocalRandom.java
5	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	defpackage/boio.java defpackage/buae.java defpackage/pes.java
				com/fitbit/data/repo/greendao/migration/Rule_163_MoveSleepGoals.java com/fitbit/feed/model/FeedGroupCategoryDao.java com/fitbit/feed/model/FeedGroupDao.java com/fitbit/feed/model/FeedGroupDao.java com/fitbit/feed/model/FeedGroupMemberDao.java com/fitbit/feed/model/FeedItemDao.java com/fitbit/feed/model/FeedItemEntryDao.java com/fitbit/feed/model/FeedLanguageDao.java com/fitbit/feed/model/FeedUserDao.java com/fitbit/serverdata/srcgendao/greendao/Alar mDao.java com/fitbit/serverdata/srcgendao/greendao/Devi ceDao.java com/fitbit/serverdata/srcgendao/greendao/Diet PlanDao.java com/fitbit/serverdata/srcgendao/greendao/Goal Dao.java com/fitbit/serverdata/srcgendao/greendao/Goal Dao.java com/fitbit/serverdata/srcgendao/greendao/Ope rationsQueueDao.java

NO	ISSUE	SEVERITY	STANDARDS	com/fitbit/serverdata/srcgendao/greendao/Pen  FiligESanDao.java  com/fitbit/serverdata/srcgendao/greendao/Profi
				com/fitbit/serverdata/srcgendao/greendao/ProfileDao.java com/fitbit/serverdata/srcgendao/greendao/ScaleMeasurementDao.java com/fitbit/serverdata/srcgendao/greendao/ScaleUserDao.java com/fitbit/serverdata/srcgendao/greendao/ScaleUserInviteDao.java com/fitbit/serverdata/srcgendao/greendao/TimeSeriesObjectDao.java com/fitbit/serverdata/srcgendao/greendao/TrackerSettingsDao.java com/fitbit/serverdata/srcgendao/greendao/TrackerTypeDao.java com/fitbit/serverdata/srcgendao/greendao/activity/ActivityDetailsSplitInfoDao.java com/fitbit/serverdata/srcgendao/greendao/activity/ActivityItemDao.java com/fitbit/serverdata/srcgendao/greendao/activity/ActivityLevelDao.java com/fitbit/serverdata/srcgendao/greendao/activity/ActivityLogEntryDao.java com/fitbit/serverdata/srcgendao/greendao/activity/ExerciseIntervalSummaryDao.java com/fitbit/serverdata/srcgendao/greendao/activity/MostRecentActivityDao.java com/fitbit/serverdata/srcgendao/greendao/exercise/ExerciseEventDao.java com/fitbit/serverdata/srcgendao/greendao/exercise/ExerciseGoalSummaryDao.java com/fitbit/serverdata/srcgendao/greendao/exercise/ExerciseSegmentDao.java com/fitbit/serverdata/srcgendao/greendao/exercise/ExerciseSessionDao.java com/fitbit/serverdata/srcgendao/greendao/exercise/ExerciseSessionDao.java com/fitbit/serverdata/srcgendao/greendao/exercise/ExerciseSessionDao.java com/fitbit/serverdata/srcgendao/greendao/exercise/ExerciseSessionDao.java com/fitbit/serverdata/srcgendao/greendao/exercise/ExerciseSessionDao.java com/fitbit/serverdata/srcgendao/greendao/exercise/ExerciseSessionDao.java com/fitbit/serverdata/srcgendao/greendao/exercise/ExerciseSessionDao.java com/fitbit/serverdata/srcgendao/greendao/exercise/ExerciseSessionDao.java com/fitbit/serverdata/srcgendao/greendao/exercise/ExerciseSessionDao.java
	App uses SQLite Database and execute raw SQL query. Untrusted		CWE: CWE-89: Improper Neutralization of	com/fitbit/serverdata/srcgendao/greendao/hear trate/HeartRateDailySummaryDao.java

NO NO	user input in raw SQL queries can  rgggg EQL Injection. Also sensitive information should be encrypted and	warning SEVERITY	Special Elements used in an SQL Command  STANDARDS  OWASP Top 10: M7: Client Code Quality	com/fitbit/serverdata/srcgendao/greendao/hear
	written to the database.		OWAST TOP TO, MY, Client code Quality	ng/BodyFatLogEntryDao.java com/fitbit/serverdata/srcgendao/greendao/loggi ng/WaterLogEntryDao.java com/fitbit/serverdata/srcgendao/greendao/loggi ng/WaterLogEntryDao.java com/fitbit/serverdata/srcgendao/greendao/loggi ng/WeightLogEntryDao.java com/fitbit/serverdata/srcgendao/greendao/loggi ng/WeightLogTrendEntryDao.java com/fitbit/serverdata/srcgendao/greendao/soci al/BadgeDao.java com/fitbit/serverdata/srcgendao/greendao/soci al/CheerBadgeRelationDao.java com/fitbit/serverdata/srcgendao/greendao/soci al/FriendDao.java com/fitbit/serverdata/srcgendao/greendao/soci al/IncomingInviteDao.java com/fitbit/serverdata/srcgendao/greendao/soci al/LeaderBoardEntryDao.java com/fitbit/serverdata/srcgendao/greendao/soci al/OutgoingInviteDao.java com/fitbit/serverdata/srcgendao/greendao/soci al/PotentialFriendDao.java com/fitbit/serverdata/srcgendao/greendao/soci al/TrophyDao.java com/fitbit/serverdata/srcgendao/greendao/soci al/TrophyLevelDao.java com/fitbit/serverdata/srcgendao/greendao/soci al/UserProfileDao.java com/fitbit/serverdata/srcgendao/greendao/soci al/UserRelationshipDao.java com/fitbit/serverdata/srcgendao/greendao/soci al/UserRelationshipDao.java com/fitbit/serverdata/srcgendao/greendao/swa p/SwapHeartRateExerciseSummaryDao.java com/fitbit/serverdata/srcgendao/greendao/swa p/SwapHeartRateExerciseSummaryDao.java com/fitbit/serverdata/srcgendao/greendao/swa p/SwapHeartRateZoneDao.java com/fitbit/serverdata/srcgendao/greendao/swa p/SwapTimeSeriesObjectDao.java com/fitbit/sleep/impl/core/model/PendingSync

NO	ISSUE	SEVERITY	STANDARDS	com/fitbit/sleep/impl/core/model/SleepLevelDa  Falt Tass java  com/fitbit/sleep/impl/core/model/SleepLevelSu
				mmaryDao.java com/fitbit/sleep/impl/core/model/SleepLogDao. java com/fitbit/sleep/impl/core/model/SleepStatDao. java defpackage/acyz.java defpackage/adxp.java defpackage/biwz.java defpackage/bixi.java defpackage/byri.java defpackage/byri.java defpackage/jua.java defpackage/jua.java defpackage/jua.java
7	The App uses the encryption mode CBC with PKCS5/PKCS7 padding. This configuration is vulnerable to padding oracle attacks.	high	CWE: CWE-649: Reliance on Obfuscation or Encryption of Security-Relevant Inputs without Integrity Checking OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-3	defpackage/ugj.java org/greenrobot/greendao/AbstractDao.java defpackage/gxb.java defpackage/jtu.java defpackage/yvl.java
8	App creates temp file. Sensitive information should never be written into a temp file.	warning	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	defpackage/abb.java defpackage/adfp.java defpackage/aj.java defpackage/bgir.java defpackage/pun.java defpackage/rxp.java defpackage/rxp.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
9	SHA-1 is a weak hash known to have hash collisions.	warning	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	defpackage/abpj.java defpackage/bnrd.java defpackage/boms.java defpackage/brdx.java defpackage/bueo.java defpackage/pky.java
10	MD5 is a weak hash known to have hash collisions.	warning	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	defpackage/aafi.java defpackage/bolo.java defpackage/briu.java defpackage/bueo.java defpackage/byrj.java defpackage/tjw.java defpackage/tjw.java
11	This App may have root detection capabilities.	secure	OWASP MASVS: MSTG-RESILIENCE-1	defpackage/bnuy.java defpackage/bpis.java defpackage/kar.java
12	This App copies data to clipboard.  Sensitive data should not be copied to clipboard as other applications can access it.	info	OWASP MASVS: MSTG-STORAGE-10	com/fitbit/feed/impl/group/GroupDetailActivity. java defpackage/adrj.java defpackage/ebu.java defpackage/ibv.java defpackage/kgl.java defpackage/oxo.java defpackage/zze.java
13	IP Address disclosure	warning	CWE: CWE-200: Information Exposure OWASP MASVS: MSTG-CODE-2	com/fitbit/goldengate/bt/IPAddressesKt.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
14	The App uses ECB mode in Cryptographic encryption algorithm. ECB mode is known to be weak as it results in the same ciphertext for identical blocks of plaintext.	high	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-2	defpackage/mgi.java defpackage/nen.java
15	Insecure WebView Implementation. Execution of user controlled code in WebView is a critical Security Hole.	warning	CWE: CWE-749: Exposed Dangerous Method or Function OWASP Top 10: M1: Improper Platform Usage OWASP MASVS: MSTG-PLATFORM-7	com/fitbit/platform/domain/gallery/BaseGallery Activity.java com/fitbit/synclair/ui/fragment/impl/OutOfBan dPairingFragmentV1.java defpackage/aggr.java
16	Ensure that user controlled URLs never reaches the Webview. Enabling file access from URLs in WebView can leak sensitive information from the file system.	warning	CWE: CWE-200: Information Exposure OWASP Top 10: M1: Improper Platform Usage OWASP MASVS: MSTG-PLATFORM-7	com/fitbit/jsengine/impl/WebviewJsEngine.java

# ■ NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION
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RULE ID	BEHAVIOUR	LABEL	FILES
00192	Get messages in the SMS inbox	sms	defpackage/tsc.java
00011	Query data from URI (SMS, CALLLOGS)	sms calllog collection	defpackage/agat.java defpackage/tsc.java
00162	Create InetSocketAddress object and connecting to it	socket	defpackage/buek.java defpackage/buen.java
00163	Create new Socket and connecting to it	socket	defpackage/buek.java defpackage/buen.java

RULE ID	BEHAVIOUR	LABEL	FILES
00022	Open a file from given absolute path of the file	file	com/fitbit/goldengate/bindings/GoldenGate.java com/fitbit/httpcore/impl/FitbitHttpConfig.java defpackage/aafi.java defpackage/abb.java defpackage/abb.java defpackage/adfp.java defpackage/aj.java defpackage/bjzd.java defpackage/bjzd.java defpackage/bioi.java defpackage/bioi.java defpackage/finj.java defpackage/finj.java defpackage/finj.java defpackage/jijc.java defpackage/jijc.java defpackage/jijc.java defpackage/jijc.java defpackage/jip.java defpackage/po.java defpackage/po.java defpackage/po.java defpackage/po.java defpackage/rod.java defpackage/rod.java defpackage/sxc.java defpackage/sxc.java defpackage/sxc.java defpackage/syc.java defpackage/sxc.java defpackage/sxc.java defpackage/xo.java
			com/fitbit/FitbitMobile/NotificationBroadcastReceiver.java com/fitbit/coin/kit/internal/ui/verification/CardVerificationActivity.java com/fitbit/deeplink/DeepLinkActivity.java com/fitbit/device/ui/GuideActivity.java com/fitbit/device/ui/setup/AbstractConfirmDeviceActivity.java com/fitbit/exercise/legacy/runtrack/AudioCueBroadcastReceiver.java

RULE			com/fitbit/fcm/FCMMessageListenerService.java
	BEHAVIOUR	LABEL	com/fitbit/feed/impl/audrey/data/SyncPendingOperationsService.java FILES com/fitbit/platform/domain/gallery/AppSettingsActivity.java
ID			com/fitbit/stress2/ui/eow/StressEowActivity.java
	+		com/fitbit/synclair/ui/PairActivity.java
			com/fitbit/synclair/ui/voice/VoiceSetupActivity.java
			defpackage/aamn.java
			defpackage/aaxt.java
			defpackage/abet.java defpackage/abet.java
			defpackage/abet.java defpackage/abqi.java
			defpackage/abqo.java
			defpackage/abuh.java
			defpackage/acfu.java defpackage/acfu.java
			derpackage/actic.java defpackage/ackl.java
			derpackage/acst.java defpackage/acsx.java
			defpackage/adho.java
			derpackage/adrio.java defpackage/adjd.java
			defpackage/adji.java defpackage/adqf.java
			defpackage/adwm iava
			defpackage/adwm.java defpackage/adxd.java
			defpackage/advh java
			defpackage/adyt.java
			defpackage/aebp java
			defpackage/aebp.java
			defpackage/aepy java
			defpackage/aemv.java
			defpackage/aeog.java
			defpackage/afjg.java
			defpackage/aghl iava
			defpackage/aghm java
			defpackage/aghm.java
			defpackage/agmm.java
			defpackage/ahla iava
			defpackage/ahla.java
			defpackage/aixg.java
			defpackage/ajbd.java
			defpackage/aorc.java
			defpackage/aqmt.java

RULE			defpackage/arnv.java <u>defpac</u> kage/aroa.java
	BEHAVIOUR	LABEL	defpackage/aroa.java <b>F.L. F.S</b> defpackage/ashj.java
ID	1		defpackage/asih.java
			defpackage/atos.java
	'		defpackage/atos.java
	'		defpackage/autn.java
	'		defpackage/avtu.java
	'		defpackage/avtu.java defpackage/axbh.java
	'		defpackage/axvt.java
	'		defpackage/axvt.java defpackage/ayvu.java
	'		defpackage/bbbk.java
	'		defpackage/bbbk.java
	'		defpackage/bbwi.java defpackage/bdwv.java
	'		defpackage/bdwv.java defpackage/bgor.java
	Implicit intent(view a web page, make		defpackage/bguv.java
00063	a phone call, etc.)	control	defpackage/bguv.java defpackage/bhjf.java
	a prioric cail, etc.,		defpackage/bhyj.java
	'		defpackage/biryj.java defpackage/birx.java
	'		defpackage/birx.java defpackage/bjkr.java
	'		defpackage/bjkr.java defpackage/bkou.java
	'		defpackage/bkod.java defpackage/bncc.java
	'		defpackage/bricc.java defpackage/bodk.java
	'		defpackage/bour.java
	'		defpackage/bood.java defpackage/boqx.java
	'		defpackage/boqx.java defpackage/edm.java
	'		defpackage/fyj.java
	'		defpackage/hyy.java defpackage/hqw.java
	'		defpackage/hsv.java
	·		defpackage/hsv.java defpackage/hsx.java
	'		defpackage/htw.java
	'		defpackage/jsx.java
	'		defpackage/jsx.java defpackage/kfn.java
	'		defpackage/km.java defpackage/lxy.java
	'		defpackage/mhi.java
	'		defpackage/myl.java
	'		defpackage/nmc.java
	'		defpackage/nmo.java
	'		defpackage/nnk.java
	'		defpackage/npb.java
	'		derpackage/ripo-java

			defpackage/npu.java
RULE	DELLA # 0115		
ID	BEHAVIOUR	LABEL	defpackage/nwm.java Ell ES defpackage/nwv.java
ID.			defpackage/oxd.java
			defpackage/oxk.java
			defpackage/pex.java
			defpackage/pnu.java
			defpackage/pwv.java
			defpackage/pxs.java
			defpackage/qgb.java
			defpackage/qjk.java
			defpackage/qkt.java
			defpackage/qkw.java
			defpackage/qyo.java
			defpackage/rbh.java
			defpackage/rfl.java
			defpackage/rmp.java
			defpackage/rqc.java
			defpackage/sdy.java
			defpackage/trx.java
			defpackage/tto.java
			defpackage/twe.java
			defpackage/ufi.java
			defpackage/uwj.java
			defpackage/uws.java
			defpackage/uzy.java
			defpackage/vmn.java
			defpackage/vrm.java
			defpackage/vue.java
			defpackage/vxw.java
			defpackage/vxx.java
			defpackage/wun.java
			defpackage/wzc.java
			defpackage/wzu.java
			defpackage/xem.java
			defpackage/xul.java
			defpackage/xwr.java
			defpackage/zag.java
			defpackage/zor.java
	•	•	defpackage/zov.java

defpackage/zov.java

RULE ID	BEHAVIOUR	LABEL	FILES
00009	Put data in cursor to JSON object	file	defpackage/tfr.java
00036	Get resource file from res/raw directory	reflection	com/davemorrissey/labs/subscaleview/SubsamplingScaleImageView.java com/fitbit/FitbitMobile/NotificationBroadcastReceiver.java com/fitbit/fcm/FCMMessageListenerService.java defpackage/ackl.java defpackage/aghm.java defpackage/autn.java defpackage/bgfi.java defpackage/bjkr.java defpackage/bykr.java defpackage/bnva.java defpackage/boeu.java defpackage/boeu.java defpackage/boms.java defpackage/htw.java defpackage/jsy.java defpackage/jsy.java defpackage/gb.java defpackage/oba.java defpackage/pex.java defpackage/pex.java defpackage/qb.java defpackage/qb.java defpackage/qb.java defpackage/qb.java defpackage/qb.java defpackage/qb.java defpackage/trx.java defpackage/trx.java defpackage/trx.java defpackage/wue.java defpackage/wue.java defpackage/wun.java
00102	Set the phone speaker on	command	defpackage/xdr.java
00056	Modify voice volume	control	defpackage/xdr.java

RULE ID	BEHAVIOUR	LABEL	FILES
00091	Retrieve data from broadcast	collection	com/fitbit/alarm/ui/AlarmActivity.java com/fitbit/alarm/ui/AlarmHelpFirstActivity.java com/fitbit/alarm/ui/AlarmHelpSecondActivity.java com/fitbit/coin/kit/internal/ui/SplashActivity.java com/fitbit/coreux/notifications/actions/NotificationActionBroadcastReceiver.j ava com/fitbit/coreux/sharing/ShareActivity.java com/fitbit/device/ui/TrackerDetailsActivity.java com/fitbit/device/ui/setup/AbstractConfirmDeviceActivity.java com/fitbit/device/ui/setup/AbstractConfirmReplaceSmartWatchActivity.java com/fitbit/device/ui/setup/replace/ConfirmReplaceSmartWatchActivity.java com/fitbit/feed/ComposeActivity.java com/fitbit/feed/ComposeActivity.java com/fitbit/feed/ShareImageWithOverlayActivity.java com/fitbit/food/barcode/ui/BarcodeScannerActivity.java com/fitbit/food/ui/logging/LogFoodActivity.java com/fitbit/food/ui/logging/NutritionFactsActivity.java com/fitbit/potato/alexa/ui/AlexaOnboardingActivity.java com/fitbit/potato/alexa/ui/AlexaOnboardingActivity.java com/fitbit/synclair/ui/FirmwareUpdateActivity.java com/fitbit/synclair/ui/FirmwareUpdateActivity.java com/fitbit/synclair/ui/FirmwareUpdateActivity.java com/fitbit/vii/FitbitActivity.java com/fitbit/vii/FitbitActivity.java com/fitbit/weight/ui/WeightLogActivity.java defpackage/asdn.java defpackage/asdn.java defpackage/asdn.java defpackage/ixq.java defpackage/iyg.java defpackage/gb.java

RULE ID	BEHAVIOUR	LABEL	FILES
00013	Read file and put it into a stream	file	com/fasterxml/jackson/core/JsonFactory,java com/fasterxml/jackson/core/TokenStreamFactory,java com/fitbit/coreux/ui/views/GiflmageView.java com/fitbit/goldengate/bindings/coap/block/FileUriBlockDataSource.java com/fitbit/goldengate/megadump/CoapMegadumpDeviceResource.java defpackage/abb.java defpackage/adgx.java defpackage/afhv.java defpackage/bkgl.java defpackage/bkgl.java defpackage/brg.java defpackage/bnqx.java defpackage/bnysv.java defpackage/bnsw.java defpackage/bnsw.java defpackage/boir.java defpackage/boir.java defpackage/boir.java defpackage/boj.java defpackage/boj.java defpackage/byqf.java defpackage/byqf.java defpackage/fil.java defpackage/mex.java defpackage/mex.java defpackage/py.java defpackage/py.java defpackage/py.java defpackage/py.java defpackage/mex.java defpackage/py.java

RULE ID	BEHAVIOUR	LABEL	ရာကူကိုtbit/deeplink/DeepLinkActivity.java com/fitbit/device/ui/GuideActivity.java com/fitbit/device/ui/setup/AbstractConfirmDeviceActivity.java
00051	Implicit intent(view a web page, make a phone call, etc.) via setData	control	com/fitbit/exercise/legacy/runtrack/AudioCueBroadcastReceiver.java defpackage/aaxt.java defpackage/acx.java defpackage/adxx.java defpackage/adyb.java defpackage/afww.java defpackage/arw.java defpackage/arw.java defpackage/arw.java defpackage/arw.java defpackage/arw.java defpackage/arw.java defpackage/axbh.java defpackage/axbh.java defpackage/birx.java defpackage/birx.java defpackage/birx.java defpackage/birx.java defpackage/how.java defpackage/how.java defpackage/mhi.java defpackage/pex.java defpackage/pru.java defpackage/pru.java defpackage/pru.java defpackage/qgb.java defpackage/qgb.java defpackage/qik.java defpackage/qik.java defpackage/rc.java defpackage/rti.java

RULE ID	BEHAVIOUR	LABEL	FILES
00108	Read the input stream from given URL	network command	defpackage/byqk.java defpackage/gsf.java defpackage/jjp.java defpackage/xdp.java
00077	Read sensitive data(SMS, CALLLOG, etc)	collection sms calllog calendar	defpackage/bnvk.java defpackage/buhw.java defpackage/vey.java defpackage/wvq.java defpackage/xct.java defpackage/xcv.java
00064	Monitor incoming call status	control	com/fitbit/device/notifications/listener/calls/PhoneCallReceiver.java defpackage/qhv.java
00112	Get the date of the calendar event	collection calendar	defpackage/acuu.java defpackage/jsr.java
00065	Get the country code of the SIM card provider	collection	defpackage/msg.java defpackage/uzz.java
00132	Query The ISO country code	telephony collection	defpackage/hdo.java defpackage/msg.java defpackage/uzz.java
00189	Get the content of a SMS message	sms	defpackage/agat.java defpackage/vab.java defpackage/vey.java defpackage/wvq.java defpackage/xct.java defpackage/xcv.java

RULE ID	BEHAVIOUR	LABEL	FILES
00188	Get the address of a SMS message	sms	defpackage/agat.java defpackage/vab.java defpackage/vey.java defpackage/wvq.java defpackage/xct.java defpackage/xcv.java
00200	Query data from the contact list	collection contact	defpackage/agat.java defpackage/vab.java defpackage/vey.java defpackage/wvq.java defpackage/xct.java defpackage/xcv.java
00187	Query a URI and check the result	collection sms calllog calendar	com/fitbit/httpcore/impl/UriRequestBody.java defpackage/agat.java defpackage/bnvk.java defpackage/vab.java defpackage/vey.java defpackage/wvq.java defpackage/xcv.java
00201	Query data from the call log	collection calllog	defpackage/agat.java defpackage/vab.java defpackage/vey.java defpackage/wvq.java defpackage/xct.java defpackage/xcv.java
00016	Get location info of the device and put it to JSON object	location collection	defpackage/rqo.java

RULE ID	BEHAVIOUR	LABEL	FILES
00096	Connect to a URL and set request method	command network	defpackage/bitu.java defpackage/byqk.java defpackage/gsf.java defpackage/jjp.java defpackage/jyl.java
00089	Connect to a URL and receive input stream from the server	command network	defpackage/bitu.java defpackage/buit.java defpackage/byqk.java defpackage/gsf.java defpackage/jjp.java
00109	Connect to a URL and get the response code	network command	defpackage/bitu.java defpackage/bizx.java defpackage/buit.java defpackage/byqk.java defpackage/gsf.java defpackage/jjp.java defpackage/jyl.java
00191	Get messages in the SMS inbox	sms	defpackage/agat.java
00128	Query user account information	collection account	defpackage/amxn.java defpackage/ayvu.java defpackage/bmzy.java defpackage/bmzz.java
00175	Get notification manager and cancel notifications	notification	defpackage/zha.java
00004	Get filename and put it to JSON object	file collection	defpackage/zjr.java

RULE ID	BEHAVIOUR	LABEL	FILES
00012	Read data and put it into a buffer stream	file	defpackage/abb.java defpackage/frl.java defpackage/toa.java
00183	Get current camera parameters and change the setting.	camera	com/fitbit/coreux/camera/CameraPreview.java defpackage/oxg.java
00202	Make a phone call	control	defpackage/qjk.java defpackage/qkt.java defpackage/qkw.java defpackage/rfl.java
00203	Put a phone number into an intent	control	defpackage/qjk.java defpackage/qkt.java defpackage/qkw.java defpackage/rfl.java
00072	Write HTTP input stream into a file	command network file	defpackage/jjp.java
00024	Write file after Base64 decoding	reflection file	defpackage/jjp.java
00030	Connect to the remote server through the given URL	network	defpackage/byqk.java defpackage/gsf.java defpackage/jjp.java
00094	Connect to a URL and read data from it	command network	defpackage/byqk.java defpackage/gsf.java defpackage/jjp.java defpackage/jyl.java
00075	Get location of the device	collection location	defpackage/ek.java

RULE ID	BEHAVIOUR	LABEL	FILES
00079	Hide the current app's icon	evasion	defpackage/jbw.java
00023	Start another application from current application	reflection control	defpackage/pfw.java

## FIREBASE DATABASES ANALYSIS

TITLE	SEVERITY	DESCRIPTION
App talks to a Firebase database	info	The app talks to Firebase database at https://api-project-625585532877.firebaseio.com
Firebase Remote Config disabled	secure	Firebase Remote Config is disabled for https://firebaseremoteconfig.googleapis.com/v1/projects/625585532877/namespaces/firebase:fetch? key=AlzaSyDg6Pd1vldsBD2IMdYlVutk3plE5f4nQgo. This is indicated by the response: {'state': 'NO_TEMPLATE'}

### **\*: ::** ABUSED PERMISSIONS

TYPE	MATCHES	PERMISSIONS
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TYPE	MATCHES	PERMISSIONS
Malware Permissions	17/25	android.permission.INTERNET, android.permission.ACCESS_NETWORK_STATE, android.permission.READ_CONTACTS, android.permission.GET_ACCOUNTS, android.permission.WAKE_LOCK, android.permission.WRITE_EXTERNAL_STORAGE, android.permission.READ_EXTERNAL_STORAGE, android.permission.RECEIVE_BOOT_COMPLETED, android.permission.ACCESS_COARSE_LOCATION, android.permission.ACCESS_FINE_LOCATION, android.permission.VIBRATE, android.permission.READ_PHONE_STATE, android.permission.SEND_SMS, android.permission.READ_CALL_LOG, android.permission.CAMERA, android.permission.RECORD_AUDIO, android.permission.ACCESS_WIFI_STATE
Other Common Permissions	9/44	android.permission.FOREGROUND_SERVICE, android.permission.ACCESS_BACKGROUND_LOCATION, android.permission.CALL_PHONE, android.permission.BLUETOOTH, android.permission.BLUETOOTH_ADMIN, android.permission.READ_CALENDAR, android.permission.ACTIVITY_RECOGNITION, android.permission.MODIFY_AUDIO_SETTINGS, android.permission.BROADCAST_STICKY

#### **Malware Permissions:**

Top permissions that are widely abused by known malware.

#### **Other Common Permissions:**

Permissions that are commonly abused by known malware.

### • OFAC SANCTIONED COUNTRIES

This app may communicate with the following OFAC sanctioned list of countries.

DOMAIN	COUNTRY/REGION
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### **Q DOMAIN MALWARE CHECK**

DOMAIN	STATUS	GEOLOCATION
staging-qual-fitbit-pa.sandbox.googleapis.com	ok	IP: 64.233.176.81  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
unused.com	ok	IP: 195.149.84.100 Country: United Kingdom of Great Britain and Northern Ireland Region: England City: London Latitude: 51.508530 Longitude: -0.125740 View: Google Map
plus.google.com	ok	IP: 64.233.185.100 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
android-cdn-client.fitbit.com	ok	IP: 108.177.122.95 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
pandora-web.app.link	ok	IP: 18.238.109.123 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
contact.fitbit.com	ok	IP: 35.244.211.136 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
www.android.com	ok	IP: 172.217.12.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
android-cdn-api.fitbit-int.com	ok	IP: 34.107.201.145  Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map

DOMAIN	STATUS	GEOLOCATION
www.fitbit-int.com	ok	IP: 35.244.180.148  Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
fitbit.google.com	ok	IP: 64.233.176.138  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
accounts.fitbit.com	ok	IP: 35.244.211.136 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
android-cdn-client.fitbit-int.com	ok	IP: 34.107.201.145  Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map

DOMAIN	STATUS	GEOLOCATION
www.i-pass.com.tw	ok	IP: 61.218.254.20 Country: Taiwan (Province of China) Region: Taipei City: Taipei Latitude: 25.047760 Longitude: 121.531853 View: Google Map
myhelp.fitbit.com	ok	IP: 13.110.52.11  Country: United States of America Region: California City: San Francisco Latitude: 37.788464 Longitude: -122.394608 View: Google Map
community.fitbit.com	ok	IP: 18.238.109.117  Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
schemas.android.com	ok	No Geolocation information available.
music.youtube.com	ok	IP: 172.217.215.190 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
developers.google.com	ok	IP: 172.217.215.139 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
goo.gle	ok	IP: 67.199.248.13 Country: United States of America Region: New York City: New York City Latitude: 40.739288 Longitude: -73.984955 View: Google Map
www.fitbit-stage.com	ok	IP: 35.244.155.163 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
api-project-625585532877.firebaseio.com	ok	IP: 35.190.39.113 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map

DOMAIN	STATUS	GEOLOCATION
api.amazon.co.jp	ok	IP: 18.246.94.195 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
fonts.gstatic.com	ok	IP: 172.217.215.94 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
android-api.fitbit-int.com	ok	IP: 34.107.201.145 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
wallet.google.com	ok	IP: 64.233.185.92 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
issuetracker.google.com	ok	IP: 64.233.177.113  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
api.sandbox.amazon.com	ok	IP: 18.238.109.16 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
static0.fitbit-int.com	ok	IP: 35.244.180.148  Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
fitbit-pa.googleapis.com	ok	IP: 142.250.9.95 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
gallery.fitbit.com	ok	IP: 35.244.211.136 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
android-cdn-api.fitbit.com	ok	IP: 142.250.105.95 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
www.cdc.gov	ok	IP: 23.52.208.211  Country: Argentina Region: Ciudad Autonoma de Buenos Aires City: Buenos Aires Latitude: -34.613152 Longitude: -58.377232 View: Google Map
apfaq.mobilesuica.com	ok	IP: 124.146.170.115 Country: Japan Region: Tokyo City: Tokyo Latitude: 35.689507 Longitude: 139.691696 View: Google Map

DOMAIN	STATUS	GEOLOCATION
www.jreast.co.jp	ok	IP: 23.62.226.173  Country: Japan Region: Tokyo City: Tokyo Latitude: 35.689507 Longitude: 139.691696 View: Google Map
www.gstatic.com	ok	IP: 64.233.177.94 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
api.sandbox.amazon.co.uk	ok	IP: 18.155.173.66 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
int-app-settings.fitbitdevelopercontent.com	ok	IP: 34.102.243.175 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map

DOMAIN	STATUS	GEOLOCATION
www.fitbit.com	ok	IP: 35.244.211.136 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
gallery-webview.fitbit-stage.com	ok	IP: 35.244.155.163 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
accounts.fitbit-stage.com	ok	IP: 35.244.155.163 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
blog.google	ok	IP: 216.239.32.21 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
hms-static.fitbit.com	ok	IP: 35.244.211.136 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
default.url	ok	No Geolocation information available.
www.w3.org	ok	IP: 104.18.22.19 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
github.com	ok	IP: 140.82.113.4 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
gallery-webview.fitbit-int.com	ok	IP: 35.244.180.148 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map

DOMAIN	STATUS	GEOLOCATION
developer.android.com	ok	IP: 172.217.12.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
www.google.com	ok	IP: 142.251.15.99 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
autopush-qual-fitbit-pa.sandbox.googleapis.com	ok	IP: 74.125.136.81 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
app-settings.fitbitdevelopercontent.com	ok	IP: 34.117.86.140 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map

DOMAIN	STATUS	GEOLOCATION
accounts.fitbit-int.com	ok	IP: 35.244.180.148  Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
static0.fitbit-stage.com	ok	IP: 35.244.155.163 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
wallet.app.google	ok	IP: 172.217.12.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
api-sandbox.amazon.co.jp	ok	IP: 18.238.96.6 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map

DOMAIN	STATUS	GEOLOCATION
www.example.com	ok	IP: 23.220.73.58  Country: Colombia  Region: Antioquia City: Medellin  Latitude: 6.251840  Longitude: -75.563591  View: Google Map
fitbitace.app.google	ok	IP: 172.217.12.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
staging-fitbit-pa.sandbox.googleapis.com	ok	IP: 74.125.138.81 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
apac.account.amazon.com	ok	IP: 18.246.100.69 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map

DOMAIN	STATUS	GEOLOCATION
policies.google.com	ok	IP: 172.253.124.102 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
hms-static.fitbit-int.com	ok	IP: 35.244.180.148  Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
assets.payables.co	ok	IP: 34.98.100.106  Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
ns.adobe.com	ok	No Geolocation information available.
eu.account.amazon.com	ok	IP: 3.253.183.83  Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map

DOMAIN	STATUS	GEOLOCATION
schemas.microsoft.com	ok	IP: 13.107.253.71  Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
android-cdn-api.fitbit-stage.com	ok	IP: 172.217.215.95  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
preprod-fitbit-pa.sandbox.googleapis.com	ok	IP: 173.194.219.81 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
pitangui.amazon.com	ok	IP: 18.238.103.234  Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map

DOMAIN	STATUS	GEOLOCATION
fitbit.com	ok	IP: 34.149.183.214 Country: United States of America Region: Texas City: Houston Latitude: 29.941401 Longitude: -95.344498 View: Google Map
myaccount.google.com	ok	IP: 64.233.185.84 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
hms-static.fitbit-stage.com	ok	IP: 35.244.155.163  Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
maps.googleapis.com	ok	IP: 142.251.15.95 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
assistant.google.com	ok	IP: 172.253.124.138  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
help.fitbit.com	ok	IP: 172.217.12.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
android-api.fitbit.com	ok	IP: 172.253.124.95 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
support.google.com	ok	IP: 64.233.177.100 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
api.amazon.com	ok	IP: 98.82.159.80 Country: United States of America Region: Washington City: Seattle Latitude: 47.606209 Longitude: -122.332069 View: Google Map
play.google.com	ok	IP: 172.253.124.101 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
ctbc.tw	ok	IP: 175.184.243.186  Country: Taiwan (Province of China)  Region: Taipei  City: Taipei  Latitude: 25.047760  Longitude: 121.531853  View: Google Map
gallery-webview.fitbit.com	ok	IP: 35.244.211.136 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map

DOMAIN	STATUS	GEOLOCATION
blog.fitbit.com	ok	IP: 172.217.12.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
static0.fitbit.com	ok	IP: 35.244.211.136 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
www.slf4j.org	ok	IP: 31.97.181.89  Country: United Kingdom of Great Britain and Northern Ireland Region: England City: Bowness-on-Windermere Latitude: 54.363312 Longitude: -2.918590 View: Google Map
android-cdn-client.fitbit-stage.com	ok	IP: 173.194.219.95 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
des.payables.co	ok	IP: 104.198.194.161 Country: United States of America Region: Iowa City: Council Bluffs Latitude: 41.261940 Longitude: -95.860832 View: Google Map
www.taishinbank.com.tw	ok	IP: 60.244.64.20 Country: Taiwan (Province of China) Region: Taipei City: Taipei Latitude: 25.047760 Longitude: 121.531853 View: Google Map
store.google.com	ok	IP: 64.233.177.139  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
api.amazon.co.uk	ok	IP: 3.253.168.177  Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
www.class	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
accounts.google.com	ok	IP: 172.217.215.84  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
card.ubot.com.tw	ok	IP: 58.86.129.133 Country: Taiwan (Province of China) Region: Taipei City: Taipei Latitude: 25.047760 Longitude: 121.531853 View: Google Map
android-api.fitbit-stage.com	ok	IP: 64.233.176.95 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
na.account.amazon.com	ok	IP: 44.215.135.167 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map

DOMAIN	STATUS	GEOLOCATION
www.googleapis.com	ok	IP: 172.217.215.95  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
stage-app-settings.fitbitdevelopercontent.com	ok	IP: 34.117.43.118 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
families.google.com	ok	IP: 172.217.12.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map



EMAIL	FILE
service@i-pass.com	defpackage/lys.java

EMAIL	FILE
u0013android@android.com0 u0013android@android.com	defpackage/bjkx.java

# **A** TRACKERS

TRACKER	CATEGORIES	URL
Google Firebase Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/49

## **▶** HARDCODED SECRETS

# POSSIBLE SECRETS "developer\_bridge\_session\_ready": "Connected" "exercise\_sessions\_label": "Exercise" "firebase\_database\_url": "https://api-project-625585532877.firebaseio.com" "friend\_finder\_username": "Username" "google\_api\_key": "AlzaSyDg6Pd1vldsBD2IMdYIVutk3plE5f4nQgo" "google\_crash\_reporting\_api\_key": "AlzaSyDg6Pd1vldsBD2IMdYIVutk3plE5f4nQgo"



POSSIBLE SECRETS
"sleep_sessions_delete_cancel" : "Cancel"
"steps_wallpaper_author" : "Fitbit"
"test_key" : "Test"
"user_name" : "Username"
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POSSIBLE SECRETS
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POSSIBLE SECRETS
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POSSIBLE SECRETS
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POSSIBLE SECRETS
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37480fdaa7eb0e9349ab83ffc559a82e
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POSSIBLE SECRETS
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POSSIBLE SECRETS	
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POSSIBLE SECRETS
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### **POSSIBLE SECRETS**

5825669a854e2e0a5361a0104c76e820



### > PLAYSTORE INFORMATION

Title: Fitbit

Score: 4.1307793 Installs: 100,000,000+ Price: 0 Android Version Support: Category: Health & Fitness Play Store URL: com.fitbit.FitbitMobile

Developer Details: Google LLC, 5700313618786177705, None, https://support.google.com/fitbit, android@fitbit.com,

Release Date: Mar 16, 2012 Privacy Policy: Privacy link

### Description:

See the big picture on your health and fitness journey with the Fitbit app. Find easy ways to get active, sleep better, stress less and eat healthier. Track the stats you care about across health, fitness and sleep, and change your goals as your routines evolve. Stay motivated with energizing workout content for your body and mind. See how far you've come with a glance at your personal goal progress and how you stack up to friends and family. Unlock even more possibilities when you sync up with a wearable device like Fitbit tracker or smartwatch and see how your activity, sleep, nutrition and stress all fit together. GET MORE ACTIVE: See how small moves add up by using your smartphone to track steps and distance—or pair with a Fitbit tracker or Wear OS by Google smartwatch to record your heart rate, Active Zone Minutes, calories burned and more. Leverage tiles and complications to easily access your stats. It's a fitness planner in your pocket: Use the app as a diary to set goals and track your progress. Plus, that motivation you've been looking for is right in the app. Bring the gym home with a curated list of audio and video workouts that you can do at your own pace, right from your living room.\* You'll find sessions for HIIT, cardio, strength, running, biking, yoga and more. TRACK YOUR HEART HEALTH: Understand your overall health by using your watch or tracker to keep tabs on your heart rate 24/7. Monitor your heart rhythm and see your resting heart rate trends, plus time spent in heart rate zones during workouts. SLEEP BETTER: Find sleep tools to help you learn about your sleep quality and improve it—from measuring your sleep duration and sleep stages to understanding your restless time. Set reminders for bedtime and wake-up time to keep your sleeping schedule managed. STRESS LESS: Listen to audio sessions to lessen stress and improve your mood. Use mindfulness to start your day a better way, find moments of calm and set intentions with meditation or get help falling asleep with breathing exercises and relaxing sounds.\* EAT SMARTER: Keep your diet in check with easy-to-use tools for setting goals. Tracking meals and logging food & water intake lets you see if you're getting enough protein, fat, fiber and carbs on your way to managing your weight and overall health. EVEN MORE WITH FITBIT PREMIUM: Upgrade to Fitbit Premium and get all the guidance, insights and inspiration you need to take your workout routine to the next level. • Your Daily Readiness Score helps you understand when it's time to go all out and when it's time for rest & recovery—plus, you'll get recommended workouts based on your body's needs. • Get the support you need across a whole library of workouts to keep your mind and body fit—from strength training, HIIT and cycling to dance cardio, yoga, meditation and more—led by Fitbit's expert trainers who are ready to coach. • Perfect your mindfulness practice with a full library of sessions that calm anxiety, prep for sleep and even help you meditate while walking. • Find new ways to rest & recover with your Sleep Score. Plus, check out your sleep patterns and monthly trends in your Sleep Profile. • Feed your appetite with access to easy, healthy recipes to help you reach your nutrition goals and bring your wellness full circle. \*A Fitbit Premium subscription is required to access the full content library. Some Fitbit devices let you handle calls and texts right from your wrist so permissions might be required during setup.

# **⋮**≡ SCAN LOGS

Timestamp	Event	Error
2025-08-29 22:19:37	Generating Hashes	OK
2025-08-29 22:19:37	Extracting APK	ОК
2025-08-29 22:19:37	Unzipping	ОК
2025-08-29 22:19:38	Parsing APK with androguard	ОК
2025-08-29 22:19:39	Extracting APK features using aapt/aapt2	ОК
2025-08-29 22:19:39	Getting Hardcoded Certificates/Keystores	ОК
2025-08-29 22:19:44	Parsing AndroidManifest.xml	ОК
2025-08-29 22:19:44	Extracting Manifest Data	ОК
2025-08-29 22:19:44	Manifest Analysis Started	OK

2025-08-29 22:19:50	Reading Network Security config from fdp_network_security_config.xml	ОК
2025-08-29 22:19:50	Parsing Network Security config	ОК
2025-08-29 22:19:50	Performing Static Analysis on: Fitbit (com.fitbit.FitbitMobile)	ОК
2025-08-29 22:19:50	Fetching Details from Play Store: com.fitbit.FitbitMobile	ОК
2025-08-29 22:19:51	Checking for Malware Permissions	ОК
2025-08-29 22:19:51	Fetching icon path	ОК
2025-08-29 22:19:51	Library Binary Analysis Started	ОК
2025-08-29 22:19:51	Reading Code Signing Certificate	ОК
2025-08-29 22:19:51	Running APKiD 2.1.5	ОК
2025-08-29 22:19:59	Detecting Trackers	ОК
2025-08-29 22:20:05	Decompiling APK to Java with JADX	OK

2025-08-29 22:20:39	Converting DEX to Smali	ОК
2025-08-29 22:20:39	Code Analysis Started on - java_source	ОК
2025-08-29 22:20:54	Android SBOM Analysis Completed	ОК
2025-08-29 22:23:29	Android SAST Completed	OK
2025-08-29 22:23:29	Android API Analysis Started	OK
2025-08-29 22:26:24	Android API Analysis Completed	OK
2025-08-29 22:26:25	Android Permission Mapping Started	ОК
2025-08-29 22:30:13	Android Permission Mapping Completed	OK
2025-08-29 22:30:23	Android Behaviour Analysis Started	ОК
2025-08-29 22:33:29	Android Behaviour Analysis Completed	ОК
2025-08-29 22:33:29	Extracting Emails and URLs from Source Code	ОК

2025-08-29 22:34:24	Email and URL Extraction Completed	ОК
2025-08-29 22:34:25	Extracting String data from APK	OK
2025-08-29 22:34:25	Extracting String data from Code	ОК
2025-08-29 22:34:25	Extracting String values and entropies from Code	ОК
2025-08-29 22:34:59	Performing Malware check on extracted domains	OK
2025-08-29 22:35:21	Saving to Database	OK

### Report Generated by - MobSF v4.4.0

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.

@ 2025 Mobile Security Framework - MobSF | <u>Ajin Abraham</u> | <u>OpenSecurity</u>.