

ANDROID STATIC ANALYSIS REPORT



• Galileo Health (2024.12.20)

File Name:	com.galileohealth.android_33767.apk
Package Name:	com.galileohealth.android
Scan Date:	Aug. 29, 2025, 10:45 p.m.
App Security Score:	50/100 (MEDIUM RISK)
Grade:	
Trackers Detection:	5/432

FINDINGS SEVERITY

ॠ HIGH	▲ MEDIUM	i INFO	✓ SECURE	® HOTSPOT
5	24	4	4	6

FILE INFORMATION

File Name: com.galileohealth.android_33767.apk

Size: 61.6MB

MD5: 527574f6221d300f6cf61ac1174ee2d2

SHA1: 130bdad33f9d6f2f10de7616c78a8fc5b07319fe

SHA256: 4e95be12b1d98a105f745727c205ae16d324380ef6269d174570c5d7cc5cb696

i APP INFORMATION

App Name: Galileo Health

Package Name: com.galileohealth.android

Main Activity: com.galileohealth.android.main.MainActivity

Target SDK: 34 Min SDK: 23 Max SDK:

Android Version Name: 2024.12.20

Android Version Code: 33767

EE APP COMPONENTS

Activities: 57 Services: 17 Receivers: 13 Providers: 4

Exported Activities: 6
Exported Services: 3
Exported Receivers: 3
Exported Providers: 0

***** CERTIFICATE INFORMATION

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

X.509 Subject: C=US, ST=California, L=Mountain View, O=Google Inc., OU=Android, CN=Android

Signature Algorithm: rsassa_pkcs1v15 Valid From: 2019-07-29 16:39:27+00:00 Valid To: 2049-07-29 16:39:27+00:00

Issuer: C=US, ST=California, L=Mountain View, O=Google Inc., OU=Android, CN=Android

Serial Number: 0xaaf6ea9a800394ae65a43fb561be0859abb59e30

Hash Algorithm: sha256

md5: 86cd5f6d705418f4276dfefdeccbf163

sha1: 2e50b618520f0196f7e0deb9292af67a30e33056

sha256: dddbb70541628cab576916a32c73110711f00cd422560bfa67f5c2dfe26ad99b

sha512: 54a5c84b8178ee218c8e382b08be8fcac4a2101cbaefe7ae689a822fe8babf14f60eb7d27a4885d411ca8c96e59bb2fa491296344d4569598d4c1dad609ff88e

PublicKey Algorithm: rsa

Bit Size: 4096

Fingerprint: 30c7455d9412f0a91a2fd930543091b9073b24b32cb838b32004042bae1b8399

Found 1 unique certificates

⋮ APPLICATION PERMISSIONS

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.ACCESS_WIFI_STATE	normal	view Wi-Fi status	Allows an application to view the information about the status of Wi-Fi.
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.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.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.RECORD_AUDIO	dangerous	record audio	Allows application to access the audio record path.
android.permission.CHANGE_NETWORK_STATE	normal	change network connectivity	Allows applications to change network connectivity state.
android.permission.POST_NOTIFICATIONS	dangerous	allows an app to post notifications.	Allows an app to post notifications
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_MICROPHONE	normal	permits foreground services with microphone use.	Allows a regular application to use Service.startForeground with the type "microphone".
android.permission.FOREGROUND_SERVICE	normal	enables regular apps to use Service.startForeground.	Allows a regular application to use Service.startForeground.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.READ_MEDIA_VISUAL_USER_SELECTED	dangerous	allows reading user- selected image or video files from external storage.	Allows an application to read image or video files from external storage that a user has selected via the permission prompt photo picker. Apps can check this permission to verify that a user has decided to use the photo picker, instead of granting access to READ_MEDIA_IMAGES or READ_MEDIA_VIDEO . It does not prevent apps from accessing the standard photo picker manually. This permission should be requested alongside READ_MEDIA_IMAGES and/or READ_MEDIA_VIDEO , depending on which type of media is desired.
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.
android.permission.WRITE_EXTERNAL_STORAGE	dangerous	read/modify/delete external storage contents	Allows an application to write to external storage.
android.permission.READ_EXTERNAL_STORAGE	dangerous	read external storage contents	Allows an application to read from 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.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.READ_MEDIA_VIDEO	dangerous	allows reading video files from external storage.	Allows an application to read video files from external storage.
android.permission.BLUETOOTH_CONNECT	dangerous	necessary for connecting to paired Bluetooth devices.	Required to be able to connect to paired Bluetooth devices.
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.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
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.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.REORDER_TASKS	normal	reorder applications running	Allows an application to move tasks to the foreground and background. Malicious applications can force themselves to the front without your control.
com.galileohealth.android.sdk.permission-group.ipc.sender	unknown	Unknown permission	Unknown permission from android reference
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.
com.google.android.c2dm.permission.RECEIVE	normal	recieve push notifications	Allows an application to receive push notifications from cloud.
android.permission.FOREGROUND_SERVICE_DATA_SYNC	normal	permits foreground services for data synchronization.	Allows a regular application to use Service.startForeground with the type "dataSync".
android.permission.ACCESS_ADSERVICES_ATTRIBUTION	normal	allow applications to access advertising service attribution	This enables the app to retrieve information related to advertising attribution, which can be used for targeted advertising purposes. App can gather data about how users interact with ads, such as clicks or impressions, to measure the effectiveness of advertising campaigns.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.ACCESS_ADSERVICES_AD_ID	normal	allow app to access the device's advertising ID.	This ID is a unique, user-resettable identifier provided by Google's advertising services, allowing apps to track user behavior for advertising purposes while maintaining user privacy.
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.
com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE	normal	permission defined by google	A custom permission defined by Google.
com.galileohealth.android.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION	unknown	Unknown permission	Unknown permission from android reference

M APKID ANALYSIS

FILE	DETAILS		
527574f6221d300f6cf61ac1174ee2d2.apk	FINDINGS	DETAILS	
32737410221u30010c101ac1174ee2u2.apk	Anti-VM Code	possible VM check	

FILE	DETAILS		
	FINDINGS	DETAILS	
classes.dex	Anti-VM Code	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check SIM operator check network operator name check	
	Compiler	r8 without marker (suspicious)	
	FINDINGS	DETAILS	
classes2.dex	Anti-VM Code	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.TAGS check network operator name check possible VM check	
	Anti Debug Code	Debug.isDebuggerConnected() check	
	Compiler	r8 without marker (suspicious)	

FILE	DETAILS		
	FINDINGS	DETAILS	
	Anti-VM Code	Build.MANUFACTURER check	
classes3.dex	Compiler	r8 without marker (suspicious)	
	FINDINGS	DETAILS	
classes4.dex	Anti-VM Code	Build.FINGERPRINT check Build.MANUFACTURER check Build.BOARD check	
	Compiler	r8 without marker (suspicious)	
	FINDINGS	DETAILS	
classes5.dex	Anti-VM Code	Build.MANUFACTURER check	
	Compiler	r8 without marker (suspicious)	

FILE	DETAILS		
	FINDINGS	DETAILS	
classes6.dex	Anti-VM Code	Build.FINGERPRINT check Build.MANUFACTURER check Build.BOARD check SIM operator check	
	Compiler	r8 without marker (suspicious)	
	FINDINGS	DETAILS	
classes7.dex	Compiler	r8 without marker (suspicious)	
classes8.dex	FINDINGS	DETAILS	
	Compiler	r8 without marker (suspicious)	

■ BROWSABLE ACTIVITIES

TITY	INTENT	
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ACTIVITY	INTENT
com.galileohealth.android.main.MainActivity	Schemes: galileohealth://, http://, https://, Hosts: app, galileohealth.com, galileo.io, Paths: /open-membership, /dl/open-membership, /reset-password, /dl/reset-password, /prescription, /dl/prescription, /lab-request, /dl/lab-request, /referral, /dl/referral, /medical- consult, /dl/medical-consult, /form, /dl/form, /my-cases, /dl/my-cases, /conversation, /dl/conversation, /doctors, /dl/doctors, /profile, /dl/profile, /phr-wizard, /dl/phr-wizard, /dl/profile-wizard, /profile-wizard, /settings, /dl/settings, /editaccount, /pcp, /dl/pcp, /give-galileo, /dl/give-galileo, /start-ehr-sync, /dl/start-ehr-sync, /ehr-sync-status, /dl/ehr-sync-status, /provider-search, /dl/provider-search, /learn-tab, /dl/learn-tab, /quiz-category, /dl/quiz-category, /dl/form_v2, Path Prefixes: /dl,
com.stripe.android.link.LinkRedirectHandlerActivity	Schemes: link-popup://, Hosts: complete, Paths: /com.galileohealth.android,
com.stripe.android.payments.StripeBrowserProxyReturnActivity	Schemes: stripesdk://, Hosts: payment_return_url, Paths: /com.galileohealth.android,

△ NETWORK SECURITY

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

NO	SCOPE	SEVERITY	DESCRIPTION
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NO	SCOPE	SEVERITY	DESCRIPTION
1	ocsp.digicert.com crl3.digicert.com crl4.digicert.com crl.godaddy.com certificates.godaddy.com crl.starfieldtech.com certificates.starfieldtech.com ocsp.godaddy.com ocsp.starfieldtech.com	high	Domain config is insecurely configured to permit clear text traffic to these domains in scope.

CERTIFICATE ANALYSIS

HIGH: 0 | WARNING: 1 | INFO: 1

TITLE	SEVERITY	DESCRIPTION
Signed Application	info	Application is signed with a code signing certificate
Application vulnerable to Janus Vulnerability	warning	Application is signed with v1 signature scheme, making it vulnerable to Janus vulnerability on Android 5.0-8.0, if signed only with v1 signature scheme. Applications running on Android 5.0-7.0 signed with v1, and v2/v3 scheme is also vulnerable.

Q MANIFEST ANALYSIS

HIGH: 1 | WARNING: 13 | INFO: 0 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	DESCRIPTION
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NO	ISSUE	SEVERITY	DESCRIPTION
1	App can be installed on a vulnerable unpatched Android version Android 6.0-6.0.1, [minSdk=23]	high	This application can be installed on an older version of android that has multiple unfixed vulnerabilities. These devices won't receive reasonable security updates from Google. Support an Android version => 10, API 29 to receive reasonable security updates.
2	App has a Network Security Configuration [android:networkSecurityConfig=@xml/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.
3	TaskAffinity is set for activity (com.zipow.videobox.conference.ui.ZmConfPipActivity)	warning	If taskAffinity is set, then other application could read the Intents sent to Activities belonging to another task. Always use the default setting keeping the affinity as the package name in order to prevent sensitive information inside sent or received Intents from being read by another application.
4	Activity (com.stripe.android.link.LinkRedirectHandlerActivity) 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.
5	Activity (com.stripe.android.payments.StripeBrowserProxyReturnActivity) 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
6	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]		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.
7	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.
8	Service (com.google.android.play.core.assetpacks.AssetPackExtractionService) 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
9	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.
10	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]		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.
11	Activity (androidx.test.core.app.lnstrumentationActivityInvoker\$BootstrapActivity) 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.
12	Activity (androidx.test.core.app.lnstrumentationActivityInvoker\$EmptyActivity) 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
13	Activity (androidx.test.core.app.lnstrumentationActivityInvoker\$EmptyFloatingActivity) 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.
14	Activity (androidx.fragment.app.testing.EmptyFragmentActivity) 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.
15	Broadcast Receiver (androidx.profileinstaller.ProfileInstallReceiver) 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.

</> CODE ANALYSIS

HIGH: 2 | WARNING: 9 | INFO: 3 | SECURE: 3 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	STANDARDS	FILES
				A/T.java A/W0.java A/e1.java A1/c.java A2/f.java A2/f.java

				A4/c.java
NO	ISSUE	SEVERITY	STANDARDS	F#LŒS va
				A4/h.java
				Aa/C0428a0.java
				Aa/CallableC0492w0.java
				Aa/J.java
				Aa/J1.java
				Aa/N0.java
				Aa/P1.java
				Aa/R1.java
				Aa/RunnableC0484t0.java
				Aa/V.java
				Aa/V0.java
				Aa/X.java
				Aa/X0.java
				Ab/k.java
				Ab/u.java
				Ac/b.java
				Ac/c.java
				Ac/d.java
				Ac/g.java
				Af/AbstractC0519f1.java
				B/C0600p.java
				B7/a.java
				B7/g.java
				B8/g.java
				C3/c.java
				C3/d.java
				Ca/a.java
				Ci/e.java
				Ci/f.java
				Da/a.java
				E1/n.java
				E2/b.java
				E2/c.java
				Ed/c.java
				Eh/a.java
				F3/c.java
				F7/n.java
				Fd/b.java
				Fh/c.java

NO	ISSUE	SEVERITY	STANDARDS	G/f0.java ਓ比/ਓS va
				G8/t.java
				Gb/A.java
				H1/f.java
				H2/a.java
				H5/ViewOnClickListenerC0861p.java
				Hb/p.java
				I9/d.java
				J6/f.java
				Jb/b.java
				Jb/e.java
				Jb/g.java
				K9/AbstractC1057a.java
				L9/I.java
				La/e.java
				M2/C1163m.java
				M9/g.java
				M9/i.java
				N0/C1258w.java
				N0/I.java
				N2/s.java
				N8/d.java
				N8/k.java
				O1/r.java
				O2/a.java
				Ob/b.java
				Ob/e.java
				Ob/h.java
				Od/e.java
				Of/w.java
				P1/d.java
				Q/C.java
				Q/u.java
				Qb/a.java
				Qc/d.java
				Qg/b.java
				Rb/b.java
				Rb/c.java
				Rb/d.java
				Rj/c.java

NO	ISSUE	SEVERITY	STANDARDS	S1/e.java S1/e.jS va S6/G.java
				Sb/c.java
				Sb/d.java
				T/C1683x.java
				T9/c.java
				T9/d.java
				T9/i.java
				T9/l.java
				Tb/b.java
				U9/b.java
				U9/d.java
				U9/e.java
				U9/f.java
				U9/i.java
				U9/j.java
				U9/k.java
				U9/l.java
				U9/m.java
				U9/n.java
				Ub/A.java
				Ub/h.java
				Ub/j.java
				Ub/k.java
				Ub/l.java
				Ub/n.java
				Ub/p.java
				Ub/r.java
				Ub/s.java
				Ub/t.java
				Ub/u.java
				Ub/v.java
				Ub/y.java
				V2/f.java
				V9/d.java
				V9/e.java
				V9/g.java
				V9/j.java
				V9/m.java
				Vb/d.java

NO	ISSUE	SEVERITY	STANDARDS	Vb/g.java Tb/m.java W5/p.java
1	The App logs information. Sensitive information should never be logged.	info	CWE: CWE-532: Insertion of Sensitive Information into Log File OWASP MASVS: MSTG-STORAGE-3	Wb/v0.java X8/c.java X9/d.java X9/e.java X9/p.java X9/y.java Xj/m.java Y2/q.java Y9/AbstractC2001e.java Y9/C2003g.java Y9/C2003g.java Y9/F.java Y9/I.java Y9/I.java Y9/r.java Y9/r.java Y9/r.java Y9/r.java Yc/h.java Yc/h.java Yc/h.java Xb/c.java a1/AbstractC2066E.java ac/C2120c.java b0/C2467r0.java b1/x.java b2/b.java b2/b.java b2/h.java ca/C2660a.java com/bumptech/glide/load/data/b.java com/bumptech/glide/load/data/b.java com/bumptech/glide/load/data/b.java

NO	ISSUE	SEVERITY	STANDARDS	com/bumptech/glide/load/engine/GlideExceptio
				com/bumptech/glide/o.java com/galileohealth/android/account/profile/wizar d/ProfileWizardCarouselView.java com/stripe/hcaptcha/webview/HCaptchaWebVie w.java com/zipow/videobox/ZMFirebaseMessagingServ ice.java com/zipow/videobox/sip/server/CmmSIPNosMa nager.java com/zipow/videobox/view/sip/feedback/b.java d2/AbstractC2941c.java d4/C2944c.java da/AbstractC2998b.java da/d.java e3/g.java e3/r.java e4/C3056c.java e4/C3057d.java e5/C3059a.java e8/r.java e9/C3117c.java ec/C3122a.java ec/C3123b.java f3/t.java fa/AbstractC3231a.java fb/c.java fh/C3267a.java fl/C3302a.java ha/d.java ha/e.java ha/e.java id/f.java ii/AbstractC3800H.java io/split/android/client/network/b.java j4/c.java j4/c.java j4/i.java j4/i.java j4/i.java j4/i.java j4/i.java j4/i.java j4/i.java

NO	ISSUE	SEVERITY	STANDARDS	j4/l.java j4/m.java
				jb/AbstractC3868a.java
				k/AbstractC3923o.java
				k/C3925q.java
				k/C3931w.java
				k/LayoutInflaterFactory2C3934z.java
				k4/C3959f.java
				k4/C3960g.java
				kg/f.java
				14/C4103f.java
				la/BinderC4121a.java
				lb/h.java
				II/c.java
				m/f.java
				m2/C4177h.java
				m3/f.java
				m4/C4180c.java
				mc/d.java
				n1/C4275c.java
				n3/c.java
				n3/h.java
				n3/k.java
				n3/l.java
				n4/C4281B.java
				n4/C4287b.java
				n4/C4289d.java
				nh/e.java
				o0/f.java
				o1/C4380e.java
				o3/g.java
				o3/l.java
				o3/m.java
				p/h.java
				p/i.java
				p1/f.java
				p4/C4511b.java
				pc/c.java
				q/MenuC4625j.java
				q/ViewOnKeyListenerC4619d.java
				97/AbstractC16/193 inva

NO	ISSUE	SEVERITY	STANDARDS	92/d.java F11 ES q4/C4653b.java
				q4/C4654c.java
				q4/E.java
				q4/i.java
				q4/m.java
				q4/p.java
				q4/r.java
				q4/v.java
				q4/z.java
				qc/C4679b.java
				r1/e.java
				r1/j.java
				r1/o.java
				r1/p.java
				r2/AbstractC4787s.java
				r2/C4772c.java
				r2/C4785p.java
				rc/c.java
				s1/C4887d.java
				s1/h.java
				s1/s.java
				s1/u.java
				s1/w.java
				s1/z.java
				sd/F.java
				sf/t.java
				u/D.java
				u/G.java
				u/n.java
				u/t.java
				u2/d.java
				u2/i.java
				u2/j.java
				u4/C5191a.java
				u4/h.java
				us/zoom/proguard/ea5.java
				us/zoom/proguard/z6.java
				us/zoom/zimmsg/a.java
				va/e.java

NO	ISSUE	SEVERITY	STANDARDS	w4/μ.java ሦብ/ዊ-gava wb/C5726d.java
				wb/C5728f.java y1/AbstractC5904b.java y1/AbstractC5916n.java yc/C5970B.java yc/C5976H.java yc/C5978J.java yc/C5982N.java yc/C5984P.java yc/C5998m.java yc/C5998m.java yc/HandlerC5985Q.java yc/V.java yc/w.java z1/i.java z1/i.java z1/l.java z1/m.java z4/i.java
2	App uses SQLite Database and execute raw SQL query. Untrusted user input in raw SQL queries can cause SQL Injection. Also sensitive information should be encrypted and written to the database.	warning	CWE: CWE-89: Improper Neutralization of Special Elements used in an SQL Command ('SQL Injection') OWASP Top 10: M7: Client Code Quality	Aa/C0451i.java Aa/F0.java Aa/H.java Aa/J1.java Aa/J1.java B7/a.java B7/a.java G2/c.java M2/v.java N8/d.java N8/i.java N8/j.java O8/k.java O8/k.java Yc/m.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
3	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	N0/C1229h.java com/zipow/videobox/conference/ui/dialog/ZmB aseLiveStreamDialog.java com/zipow/videobox/view/sip/coverview/Phone PBXListCoverSummaryView.java com/zipow/videobox/view/sip/voicemail/encrypt ion/ui/b.java us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/ao1.java us/zoom/proguard/ao1.java us/zoom/zmsg/deeplink/DeepLinkViewHelper.ja va us/zoom/zmsg/richtext/CustomActionModeProvi der.java us/zoom/zmsg/view/mm/AbstractViewOnClickLi stenerC5471f.java
4	The App uses an insecure Random Number Generator.	warning	CWE: CWE-330: Use of Insufficiently Random Values OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-6	A2/g.java Aa/P1.java Db/c.java Kb/a.java S8/F.java S8/M.java T8/g.java bo/content/e1.java com/adjust/sdk/Util.java com/braze/support/IntentUtils.java com/zipow/videobox/conference/ui/controller/S ymbioticActivityController.java fi/a.java fi/b.java gi/C3495a.java v9/V.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
5	The file or SharedPreference is World Readable. Any App can read from the file	high	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	com/zipow/videobox/ZoomApplication.java
6	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	Wb/v0.java b2/h.java com/zipow/videobox/MMShareActivity.java com/zipow/videobox/view/sip/sms/ZmPhoneCh atInputFragmentBase.java com/zipow/videobox/view/sip/sms/I.java n3/r.java q2/d.java us/zoom/proguard/jh3.java us/zoom/proguard/kr0.java us/zoom/proguard/qx0.java us/zoom/proguard/qx0.java us/zoom/zmsg/fragment/MMChatInputFragment .java us/zoom/zmsg/message/send/processor/FileAnd TextProcessor.java us/zoom/zmsg/view/mm/VoiceRecordView.java us/zoom/zmsg/view/mm/VoiceTalkView.java
				Fe/h.java Ne/j.java V7/k.java V7/k.java Y/C1903l1.java Y6/a.java Y6/g.java Y6/j.java b0/Y.java com/adjust/sdk/Constants.java com/braze/configuration/BrazeConfig.java com/galileohealth/android/newpassword/NewP asswordViewState.java

NO	ISSUE	SEVERITY	STANDARDS	com/galileohealth/android/payment/api/StripeA Fikd §Sesponse.java
				com/galileohealth/android/signup/api/InitiateRe
				quest.java
				com/stripe/android/model/A.java
				com/stripe/android/model/C2917z.java
				com/stripe/android/model/ConfirmSetupIntentP
				arams.java
				com/stripe/android/model/ConsumerSessionSig
				nup.java
				com/stripe/android/model/ElementsSession.java
				com/stripe/android/model/PaymentMethodCrea
				teParams.java
				com/stripe/android/model/Stripe3ds2Fingerprin
				t.java
				com/stripe/android/payments/core/authenticati
				on/threeds2/Stripe3ds2TransactionContract.java
				com/stripe/android/payments/paymentlauncher
				/PaymentLauncherContract\$Args\$IntentConfirm
				ationArgs.java
				com/stripe/android/payments/paymentlauncher
				/PaymentLauncherContract\$Args\$PaymentIntent
				NextActionArgs.java
				com/stripe/android/payments/paymentlauncher
				/PaymentLauncherContract\$Args\$SetupIntentNe
				xtActionArgs.java
				com/stripe/android/paymentsheet/PaymentShee
				t\$CustomerAccessType\$CustomerSession.java
				com/stripe/android/paymentsheet/PaymentShee
				t\$CustomerAccessType\$LegacyCustomerEpheme
				ralKey.java
				com/stripe/android/paymentsheet/PaymentShee
	Files may contain hardcoded		CWE: CWE-312: Cleartext Storage of	t\$CustomerConfiguration.java
7	sensitive information like usernames,	warning	Sensitive Information	com/stripe/android/paymentsheet/PaymentShee
,	passwords, keys etc.	warring	OWASP Top 10: M9: Reverse Engineering	tContract.java
	passivoi as, neys etc.		OWASP MASVS: MSTG-STORAGE-14	com/stripe/android/paymentsheet/addresselem
				ent/AddressElementActivityContract.java
				com/stripe/android/paymentsheet/addresselem
				ent/AddressLauncher\$Configuration.java
				com/stripe/android/paymentsheet/state/Custom

NO	ISSUE	SEVERITY	STANDARDS	erState.java Fd៤FS ripe/android/paymentsheet/state/Payme ntElementLoader\$InitializationMode\$PaymentInt
		JEVENITI -		
				us/zoom/proguard/kz4.java us/zoom/zmsg/MMlmageListActivity.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
8	App can write to App Directory. Sensitive Information should be encrypted.	info	CWE: CWE-276: Incorrect Default Permissions OWASP MASVS: MSTG-STORAGE-14	bo/content/SharedPreferencesC2620e.java bo/content/b0.java bo/content/d6.java bo/content/g6.java bo/content/l0.java bo/content/l1.java bo/content/l1.java bo/content/m.java bo/content/m0.java bo/content/m0.java bo/content/r3.java bo/content/v5.java bo/content/v5.java bo/content/y0.java com/braze/configuration/RuntimeAppConfigurati onProvider.java com/braze/managers/BrazeGeofenceManager.ja va us/zoom/asyncview/ViewCacheManager.java
9	This App has capabilities to prevent against Screenshots from Recent Task History/ Now On Tap etc.	secure	OWASP MASVS: MSTG-STORAGE-9	us/zoom/uicommon/activity/ZMActivity.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
10	App can read/write to External Storage. Any App can read data written to External Storage.	warning	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	com/zipow/annotate/AnnoUtil.java us/zoom/libtools/utils/ZmDeviceUtils.java us/zoom/proguard/d54.java us/zoom/proguard/ei2.java us/zoom/proguard/iq0.java us/zoom/proguard/mq5.java us/zoom/proguard/n12.java us/zoom/proguard/q83.java us/zoom/proguard/vu2.java us/zoom/proguard/vu2.java us/zoom/proguard/yx3.java us/zoom/proguard/zu5.java us/zoom/proguard/zu5.java us/zoom/videomeetings/richtext/ZMRichTextUtil .java us/zoom/zimmsg/chatlist/MMChatsListFragment .java
11	This App uses SSL certificate pinning to detect or prevent MITM attacks in secure communication channel.	secure	OWASP MASVS: MSTG-NETWORK-4	Xj/e.java Xj/h.java Xj/l.java Xj/m.java e9/C3117c.java us/zoom/proguard/ym2.java
12	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	ed/AbstractC3128d.java fa/AbstractC3231a.java n3/r.java
13	This App may have root detection capabilities.	secure	OWASP MASVS: MSTG-RESILIENCE-1	Ub/h.java ub/AbstractC5224b.java us/zoom/proguard/pf5.java wb/C5728f.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
14	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	Aa/P1.java C3/c.java com/braze/support/StringUtils.java us/zoom/proguard/c41.java us/zoom/proguard/i26.java us/zoom/proguard/ym2.java us/zoom/proguard/yx3.java
15	IP Address disclosure	warning	CWE: CWE-200: Information Exposure OWASP MASVS: MSTG-CODE-2	hk/InterfaceC3625a.java ik/InterfaceC3834a.java jk/InterfaceC3895a.java kk/InterfaceC4079a.java us/zoom/proguard/oq.java us/zoom/proguard/xt4.java us/zoom/proguard/ym2.java yk/InterfaceC6102e.java
16	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	Ub/h.java bd/e.java qc/C4679b.java rc/c.java
17	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	us/zoom/proguard/n12.java

■ NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION	

BEHAVIOUR ANALYSIS

RULE ID	BEHAVIOUR	LABEL	FILES
			Aa/J1.java Aa/V0.java Aa/V0.java Aa/V0.java Af/C0523h.java C6/f.java N0/C1226f0.java Qf/b.java Tf/U.java com/adjust/sdk/ActivityHandler.java com/adjust/sdk/PreinstallUtil.java com/braze/Braze.java com/braze/push/BrazeNotificationUtils.java com/braze/ui/support/UriUtils.java com/braze/ui/support/UriUtils.java com/stripe/android/link/LinkForegroundActivity.java com/stripe/android/payments/StripeBrowserLauncherActivity.java com/zipow/videobox/JoinByURLActivity.java com/zipow/videobox/IoinMeetingFailActivity.java com/zipow/videobox/MMShareActivity.java com/zipow/videobox/ZmMainServiceImpl.java com/zipow/videobox/Confapp/meeting/confhelper/ZoomRateHelper.java com/zipow/videobox/fragment/AddrBookItemDetailsFragment.java com/zipow/videobox/fragment/DiagnosticsFragment.java com/zipow/videobox/fragment/PermissionGuideFragment.java com/zipow/videobox/fragment/PermissionGuideFragment.java com/zipow/videobox/fragment/PermissionGuideFragment.java

RULE ID	BEHAVIOUR	LABEL	com/zipow/videobox/view/sip/sms/PbxSmsTextItemView.java com/zipow/videobox/view/sip/sms/ZmPhoneChatInputFragmentBase.java FILES com/zipow/videobox/widget/MeetingsWidget.java ha/e.java
00063	Implicit intent(view a web page, make a phone call, etc.)	control	kg/f.java n3/l.java r2/AbstractC4787s.java r2/C4770a.java r2/C4770a.java us/zoom/internal/impl/x.java us/zoom/proguard/a3.java us/zoom/proguard/af4.java us/zoom/proguard/aj.java us/zoom/proguard/abi.java us/zoom/proguard/abi.java us/zoom/proguard/abi.java us/zoom/proguard/abi.java us/zoom/proguard/abi.java us/zoom/proguard/ck.java us/zoom/proguard/ef1.java us/zoom/proguard/ef1.java us/zoom/proguard/h53.java us/zoom/proguard/hm.java us/zoom/proguard/iy4.java us/zoom/proguard/j20.java us/zoom/proguard/l22.java us/zoom/proguard/l44.java us/zoom/proguard/m64.java us/zoom/proguard/m64.java us/zoom/proguard/m64.java us/zoom/proguard/m55.java us/zoom/proguard/rb2.java us/zoom/proguard/y25.java us/zoom/proguard/v25.java us/zoom/proguard/v25.java us/zoom/proguard/v24.java

RULE ID	BEHAVIOUR	LABEL	us/zoom/proguard/zu5.java us/zoom/proguard/zx1.java FILES us/zoom/zapp/fragment/ZappUlComponent.java us/zoom/zapp/misc/BasicModeUlMgr\$onClick\$3.java
			us/zoom/zclips/ui/recording/ZClipsRecordingPage.java us/zoom/zimmsg/filecontent/MMSessionFilesFragment.java us/zoom/zimmsg/fragment/IMShareInviteDialog.java us/zoom/zmsg/fragment/MMChatInputFragment.java us/zoom/zmsg/markdown/a.java us/zoom/zmsg/mediaplayer/ZMMediaPlayerActivity.java us/zoom/zmsg/view/mm/AbstractViewOnClickListenerC5471f.java us/zoom/zmsg/view/mm/MMContentFileViewerFragment.java us/zoom/zmsg/view/mm/message/MMMessageRemoveHistory.java us/zoom/zmsg/view/mm/message/MessageRemoveHistoryView.java us/zoom/zmsg/view/mm/message/Mo.java v8/ViewOnClickListenerC5540a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00091	Retrieve data from broadcast	collection	Aa/V0.java Aa/X0.java H4/e.java com/braze/push/BrazeNotificationUtils.java com/stripe/android/link/LinkForegroundActivity.java com/zipow/videobox/IMActivity.java com/zipow/videobox/conference/ui/view/share/ZmBaseShareView.java com/zipow/videobox/fragment/IMAddrBookListFragment.java com/zipow/videobox/fragment/SettingAboutFragment.java h3/c.java id/f.java us/zoom/proguard/ja2.java us/zoom/proguard/sw0.java us/zoom/proguard/w03.java us/zoom/zimmsg/chats/ShareDocsFragment.java us/zoom/zimmsg/chats/ZmVideoAppContextMenuFragment.java us/zoom/zimmsg/filecontent/MMSessionFilesFragment.java us/zoom/zimmsg/filecontent/a.java us/zoom/zimmsg/fragment/MMCententPragment.java us/zoom/zmsg/fragment/MMCommonMsgFragment.java us/zoom/zmsg/fragment/Java us/zoom/zmsg/fragment/AMCommonMsgFragment.java us/zoom/zmsg/fragment/a.java us/zoom/zmsg/fragment/a.java
00108	Read the input stream from given URL	network command	Aa/C0429a1.java Aa/Q.java J9/v.java e8/r.java

RULE ID	BEHAVIOUR	LABEL	FILES
00036	Get resource file from res/raw directory	reflection	J9/F.java com/adjust/sdk/DeviceInfo.java com/adjust/sdk/DeviceInfo.java com/adjust/sdk/InstallReferrerHuawei.java com/braze/push/BrazeNotificationUtils.java com/braze/ui/support/UriUtils.java com/braze/ui/support/UriUtils.java com/zipow/videobox/confapp/meeting/confhelper/ZoomRateHelper.java com/zipow/videobox/fragment/ZmSelectMeetingReminderFragment.java com/zipow/videobox/utils/ZmUtils.java com/zipow/videobox/widget/MeetingsWidget.java ha/e.java kg/f.java n3/l.java n4/C4287b.java r2/C4770a.java us/zoom/proguard/AbstractC5389o5.java us/zoom/proguard/aw0.java us/zoom/proguard/iy4.java us/zoom/proguard/jy4.java us/zoom/proguard/jas.java us/zoom/proguard/n64.java us/zoom/proguard/d35.java us/zoom/proguard/d35.java us/zoom/proguard/d35.java us/zoom/proguard/d35.java us/zoom/proguard/y35.java us/zoom/proguard/y35.java us/zoom/proguard/yy3.java us/zoom/proguard/yy3.java us/zoom/proguard/yy3.java us/zoom/proguard/yy3.java us/zoom/proguard/yy3.java us/zoom/proguard/yy3.java us/zoom/proguard/yy3.java
00202	Make a phone call	control	C6/f.java us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/m64.java

RULE ID	BEHAVIOUR	LABEL	FILES
00203	Put a phone number into an intent	control	C6/f.java us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/m64.java
00051	Implicit intent(view a web page, make a phone call, etc.) via setData	control	C6/f.java Qf/b.java com/stripe/android/link/LinkForegroundActivity.java com/stripe/android/payments/StripeBrowserLauncherActivity.java com/zipow/videobox/ZmMainServiceImpl.java com/zipow/videobox/confapp/meeting/confhelper/ZoomRateHelper.java com/zipow/videobox/fragment/AddrBookItemDetailsFragment.java com/zipow/videobox/fragment/MyProfileFragment.java com/zipow/videobox/view/sip/sms/PbxSmsTextItemView.java com/zipow/videobox/widget/MeetingsWidget.java ha/e.java n3/l.java r2/C4770a.java r2/C4770a.java r2/C4770a.java us/zoom/internal/impl/x.java us/zoom/proguard/aj.java us/zoom/proguard/bd1.java us/zoom/proguard/bd1.java us/zoom/proguard/lj.java us/zoom/proguard/lj.java us/zoom/proguard/M64.java us/zoom/proguard/we1.java us/zoom/proguard/we1.java us/zoom/proguard/we1.java us/zoom/roguard/yu5.java us/zoom/zopp/fragment/ZappUIComponent.java us/zoom/zapp/fragment/ZappUIComponent.java us/zoom/zapp/fragment/IMShareInviteDialog.java us/zoom/zmsg/fragment/IMShareInviteDialog.java us/zoom/zmsg/fragment/IMShareInviteDialog.java us/zoom/zmsg/view/mm/AbstractViewOnClickListenerC5471f.java us/zoom/zmsg/view/mm/AbstractViewOnClickListenerC5471f.java us/zoom/zmsg/view/mm/message/m0.java

RULE ID	BEHAVIOUR	LABEL	A/N.java C3/d.java FILES Cire.java H2/a.java
			Ph/v.java T1/F.java Vb/g.java
			Zb/c.java b2/h.java bo/content/v5.java
			com/braze/support/BrazeImageUtils.java com/braze/support/WebContentUtils.java com/zipow/annotate/AnnoUtil.java
			com/zipow/cmmlib/AppContext.java com/zipow/videobox/CameraActivity.java com/zipow/videobox/VideoBoxApplication.java
			com/zipow/videobox/config/ConfigWriter.java com/zipow/videobox/stabilility/StabilityService.java com/zipow/videobox/utils/ZmUtils.java
			com/zipow/videobox/view/mm/a.java com/zipow/videobox/view/ptvideo/PBXVideoRecordActivity.java ec/C3122a.java
			q2/d.java s3/k.java s3/n.java
			tb/W.java tb/k0.java us/zoom/apm/stats/ZMStats.java
			us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/AbstractC5389o5.java us/zoom/proguard/bc1.java
			us/zoom/proguard/bd1.java us/zoom/proguard/d54.java us/zoom/proguard/e32.java
00022	Open a file from given absolute path of the file	file	us/zoom/proguard/fr5.java us/zoom/proguard/g83.java us/zoom/proguard/i26.java
			us/zoom/proguard/jq0.java us/zoom/proguard/ja2.java us/zoom/proguard/lh3.java
			us/zoom/proguard/lh3.java

RULE ID	BEHAVIOUR	LABEL	us/zoom/proguard/mq0.java us/zoom/proguard/n44.java FILES us/zoom/proguard/nh3.java us/zoom/proguard/o05.java us/zoom/proguard/om3.java us/zoom/proguard/q83.java us/zoom/proguard/qs0.java us/zoom/proguard/ru0.java us/zoom/proguard/t24.java us/zoom/proguard/tj.java us/zoom/proguard/tj.java
			us/zoom/proguard/un.java us/zoom/proguard/vq4.java us/zoom/proguard/vu2.java us/zoom/proguard/xv.java us/zoom/proguard/xx3.java us/zoom/proguard/ya1.java us/zoom/proguard/ye2.java us/zoom/proguard/yx3.java us/zoom/proguard/yx3.java us/zoom/proguard/zu5.java us/zoom/zimmsg/chatlist/MMChatsListFragment.java us/zoom/zimmsg/reminder/MMRemindersFragment.java us/zoom/zmsg/fragment/MMChatInputFragment.java us/zoom/zmsg/fragment/a.java us/zoom/zmsg/fragment/a.java us/zoom/zmsg/ptapp/trigger/ZoomMessenger.java us/zoom/zmsg/ptapp/trigger/ZoomMessenger.java us/zoom/zmsg/util/ImagePickHelper.java us/zoom/zmsg/view/mm/AbstractViewOnClickListenerC5471f.java us/zoom/zmsg/view/mm/MMContentFileViewerFragment.java
00009	Put data in cursor to JSON object	file	us/zoom/zmsg/view/mm/message/C5492i.java Yc/l.java Yc/m.java n3/c.java n3/h.java n3/r.java
			A1/c.java A2/c.java A2/f.java A2/m.java

RULE			C3/d.java I9/C0980g.java
ID	BEHAVIOUR	LABEL	19/C0980g.java FJL ES J9/F.java
ID.			Qc/d.java
			Qc/f.java
			Qj/d.java
			Qj/g.java
			S2/a.java
			Sb/d.java
			T1/A.java
			T1/F.java
			Ub/e.java
			Ub/h.java
			Ub/p.java
			V1/e.java
			Vb/g.java
			W1/i.java
			Zb/a.java
			b2/h.java
			bo/content/o0.java
			com/adjust/sdk/PreinstallUtil.java
			com/braze/support/BrazelmageUtils.java
			com/braze/support/WebContentUtils.java
			com/zipow/annotate/ImageUtil.java
			com/zipow/cmmlib/AppContext.java
			com/zipow/videobox/VideoBoxApplication.java
			com/zipow/zm2d/Zm2DImageUtil.java
			d0/C2936a.java
			d4/C2944c.java
			fk/l0.java
			ii/AbstractC3800H.java
			j4/l.java
			n3/r.java
			n4/C4281B.java
			s3/k.java
			tb/C5053B.java
00013	Read file and put it into a stream	file	tb/C5070q.java
			tb/C5071s.java
			tb/M.java
			tb/U.java
I	I	I	

			tb/X.java
RULE	BEHAVIOUR	LABEL	tb/d0.java FJLES tb/t0.java
ID	BEHAVIOUR	LADEL	tb/tb.java
			tb/m0.java
			tb/r.java
			us/zoom/apm/stats/ZMStats.java
			us/zoom/proguard/AbstractC5389o5.java
			us/zoom/proguard/C5295c4.java
			us/zoom/proguard/bt1.java
			us/zoom/proguard/d54.java
			us/zoom/proguard/fr5.java
			us/zoom/proguard/ja2.java
			us/zoom/proguard/jh3.java
			us/zoom/proguard/lf5.java
			us/zoom/proguard/lh3.java
			us/zoom/proguard/mq0.java
			us/zoom/proguard/nh3.java
			us/zoom/proguard/q83.java
			us/zoom/proguard/ru0.java
			us/zoom/proguard/s23.java
			us/zoom/proguard/ta.java
			us/zoom/proguard/tx3.java
			us/zoom/proguard/vq4.java
			us/zoom/proguard/wj1.java
			us/zoom/proguard/xq1.java
			us/zoom/proguard/xx3.java
			us/zoom/proguard/yi.java
			us/zoom/proguard/yx3.java
			us/zoom/proguard/zf3.java
			us/zoom/proguard/zm2.java
			us/zoom/zimmsg/chatlist/MMChatsListFragment.java
			us/zoom/zimmsg/reminder/MMRemindersFragment.java
			us/zoom/zmsg/view/ZMFileReaderView.java
			us/zoom/zmsg/view/mm/AbstractViewOnClickListenerC5471f.java
			us/zoom/zmsg/view/mm/MMContentFileViewerFragment.java
			us/zoom/zmsg/view/mm/VoiceTalkRecordView.java
			z1/k.java
<u> </u>			z1/l.java

RULE ID	BEHAVIOUR	LABEL	FILES
00089	Connect to a URL and receive input stream from the server	command network	J9/v.java N8/k.java com/bumptech/glide/load/data/l.java e8/r.java io/split/android/client/network/b.java rc/c.java sf/A.java
00030	Connect to the remote server through the given URL	network	Aa/T.java J9/v.java com/adjust/sdk/AdjustLinkResolution.java com/bumptech/glide/load/data/l.java io/split/android/client/network/b.java lb/e.java sf/A.java
00109	Connect to a URL and get the response code	network command	Aa/RunnableC0484t0.java Aa/T.java He/s.java J9/v.java N8/k.java T9/c.java com/bumptech/glide/load/data/l.java e8/r.java io/split/android/client/network/b.java sf/A.java
00187	Query a URI and check the result	collection sms calllog calendar	us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/f8.java us/zoom/proguard/qq3.java us/zoom/proguard/xw2.java

RULE ID	BEHAVIOUR	LABEL	FILES
00077	Read sensitive data(SMS, CALLLOG, etc)	collection sms calllog calendar	com/adjust/sdk/DeviceInfo.java ha/d.java m2/C4172c.java sd/o.java us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/f8.java us/zoom/proguard/qq3.java us/zoom/proguard/xw2.java us/zoom/proguard/yx3.java
00004	Get filename and put it to JSON object	file collection	Wb/v0.java ec/C3122a.java ha/e.java
00014	Read file into a stream and put it into a JSON object	file	Vb/g.java n3/r.java us/zoom/apm/stats/ZMStats.java
00005	Get absolute path of file and put it to JSON object	file	Vb/g.java ec/C3122a.java us/zoom/apm/stats/ZMStats.java us/zoom/proguard/g83.java
00189	Get the content of a SMS message	sms	com/adjust/sdk/DeviceInfo.java ha/d.java us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/qq3.java us/zoom/proguard/xw2.java us/zoom/proguard/yx3.java

RULE ID	BEHAVIOUR	LABEL	FILES
00188	Get the address of a SMS message	sms	com/adjust/sdk/DeviceInfo.java ha/d.java us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/qq3.java us/zoom/proguard/xw2.java us/zoom/proguard/yx3.java
00200	Query data from the contact list	collection contact	com/adjust/sdk/DeviceInfo.java ha/d.java us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/qq3.java us/zoom/proguard/xw2.java us/zoom/proguard/yx3.java
00201	Query data from the call log	collection calllog	com/adjust/sdk/DeviceInfo.java ha/d.java us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/qq3.java us/zoom/proguard/xw2.java us/zoom/proguard/yx3.java
00102	Set the phone speaker on	command	com/zipow/videobox/confapp/AudioSessionMgr.java com/zipow/videobox/sip/server/p.java org/webrtc/voiceengine/AudioDeviceAndroid.java org/webrtc/voiceengine/AudioDeviceAndroidAAudio.java org/webrtc/voiceengine/AudioDeviceAndroidOpenSLESHelper.java

RULE ID	BEHAVIOUR	LABEL	FILES
00056	Modify voice volume	control	org/webrtc/voiceengine/AudioDeviceAndroid.java org/webrtc/voiceengine/AudioDeviceAndroidOpenSLESHelper.java us/zoom/proguard/ja2.java us/zoom/proguard/rb3.java us/zoom/proguard/xq1.java us/zoom/zimmsg/reminder/MMRemindersFragment.java us/zoom/zmsg/util/MMAudioMessagePlayer.java us/zoom/zmsg/view/mm/AbstractViewOnClickListenerC5471f.java
00096	Connect to a URL and set request method	command network	J9/v.java N8/k.java e8/r.java io/split/android/client/network/b.java io/split/android/client/network/c.java
00094	Connect to a URL and read data from it	command network	J9/v.java e8/r.java n3/l.java us/zoom/core/model/a.java
00209	Get pixels from the latest rendered image	collection	com/zipow/nydus/camera/CameraCaptureImplV2.java com/zipow/videobox/CameraActivity.java us/zoom/proguard/b22.java us/zoom/proguard/ch5.java
00016	Get location info of the device and put it to JSON object	location collection	Sb/c.java
00079	Hide the current app's icon	evasion	com/zipow/videobox/ptapp/PTUI.java ii/AbstractC3800H.java o3/l.java

RULE ID	BEHAVIOUR	LABEL	FILES
00125	Check if the given file path exist	file	B7/a.java Sb/d.java com/zipow/videobox/CallingActivity.java com/zipow/videobox/VideoBoxApplication.java com/zipow/videobox/MFirebaseMessagingService.java com/zipow/videobox/fragment/AddrBookItemDetailsFragment.java com/zipow/videobox/fragment/MyProfileFragment.java com/zipow/videobox/fragment/PermissionGuideFragment.java com/zipow/videobox/ptapp/PTUI.java com/zipow/videobox/view/mm/a.java com/zipow/videobox/view/ptvideo/PBXVideoRecordActivity.java com/zipow/videobox/view/sip/sms/l.java us/zoom/proguard/af4.java us/zoom/proguard/iq0.java us/zoom/proguard/iq0.java us/zoom/proguard/vx0.java us/zoom/proguard/vx1.java us/zoom/proguard/vx1.java us/zoom/zimmsg/chatlist/MMChatsListFragment.java us/zoom/zimmsg/chats/session/b.java us/zoom/zmsg/fragment/MMChatInputFragment.java us/zoom/zmsg/fragment/MMChatInputFragment.java us/zoom/zmsg/frapp/trigger/ZoomMessenger.java us/zoom/zmsg/ptapp/trigger/ZoomMessenger.java us/zoom/zmsg/view/mm/AbstractC5467b.java us/zoom/zmsg/view/mm/AbstractCiewOnClickListenerC5471f.java us/zoom/zmsg/view/mm/AbstractViewOnClickListenerC5471f.java
00121	Create a directory	file command	com/zipow/videobox/ZMFirebaseMessagingService.java com/zipow/videobox/view/mm/a.java us/zoom/zimmsg/chatlist/MMChatsListFragment.java us/zoom/zmsg/fragment/MMChatInputFragment.java

RULE ID	BEHAVIOUR	LABEL	FILES	
00075	Get location of the device	collection location	k/C3931w.java us/zoom/proguard/ap5.java	
00137	Get last known location of the device	location collection	us/zoom/proguard/ap5.java	
00065	Get the country code of the SIM card provider	collection	us/zoom/proguard/pr5.java us/zoom/proguard/xr3.java	
00132	Query The ISO country code telephony collection		J9/q.java us/zoom/proguard/xr3.java	
00052	Deletes media specified by a content URI(SMS, CALL_LOG, File, etc.)	sms	us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/xw2.java us/zoom/proguard/yx3.java	
00011	Query data from URI (SMS, CALLLOGS) sms calllog collection		com/adjust/sdk/DeviceInfo.java us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/xw2.java us/zoom/proguard/yx3.java	
00191	Get messages in the SMS inbox sms		com/adjust/sdk/DeviceInfo.java com/adjust/sdk/InstallReferrerMeta.java us/zoom/libtools/utils/ZmMimeTypeUtils.java us/zoom/proguard/pm1.java us/zoom/proguard/xw2.java us/zoom/proguard/yx3.java	
00183	Get current camera parameters and change the setting.	camera	com/zipow/nydus/camera/CameraCaptureImplV1.java com/zipow/nydus/camera/CameraMgrV1.java us/zoom/proguard/n9.java us/zoom/proguard/r9.java	

RULE ID	BEHAVIOUR	LABEL	FILES	
00001	Initialize bitmap object and compress data (e.g. JPEG) into bitmap object	camera	com/zipow/annotate/ImageUtil.java com/zipow/videobox/CameraActivity.java com/zipow/zm2d/Zm2DImageUtil.java us/zoom/proguard/d54.java	
00033	Query the IMEI number	collection	bo/content/m0.java com/zipow/videobox/sip/server/CmmSIPCallManager.java us/zoom/libtools/utils/ZmDeviceUtils.java	
00083	Query the IMEI number collection telephony		bo/content/m0.java us/zoom/libtools/utils/ZmDeviceUtils.java	
00204	Get the default ringtone	collection	us/zoom/proguard/xv.java us/zoom/proguard/yg4.java	
00038	Query the phone number	collection	com/zipow/videobox/sip/server/CmmSIPCallManager.java	
00112	Get the date of the calendar event	collection calendar	com/zipow/videobox/view/schedule/ZmScheduleTimeAndRecurringLayout.j ava us/zoom/proguard/f01.java us/zoom/proguard/h01.java us/zoom/proguard/mt5.java	
00162	Create InetSocketAddress object and connecting to it		Xj/c.java Xj/m.java	
00163	Create new Socket and connecting to it socket		Xj/c.java Xj/m.java com/adjust/sdk/network/ActivityPackageSender.java	
00208	Capture the contents of the device screen collection screen		us/zoom/proguard/b22.java us/zoom/proguard/ch5.java	

RULE ID	BEHAVIOUR	LABEL	FILES
00104	Check if the given path is directory file		com/zipow/videobox/VideoBoxApplication.java com/zipow/videobox/fragment/SettingAboutFragment.java us/zoom/zimmsg/chatlist/MMChatsListFragment.java
00028	Read file from assets directory	file	J9/C0975b.java us/zoom/proguard/yq2.java
00026	Method reflection reflection		Di/j.java wi/z.java
00012	Read data and put it into a buffer stream	file	b2/h.java us/zoom/proguard/C5295c4.java us/zoom/proguard/d54.java us/zoom/proguard/jh3.java us/zoom/proguard/s23.java us/zoom/proguard/yi.java us/zoom/proguard/yx3.java
00175	Get notification manager and cancel notifications	notification	com/zipow/videobox/util/NotificationMgr.java
00024	Write file after Base64 decoding	reflection file	ha/e.java s3/n.java us/zoom/proguard/n12.java
00199	Stop recording and release recording resources record		us/zoom/proguard/el2.java
00198	Initialize the recorder and start recording record		us/zoom/proguard/el2.java

RULE ID	BEHAVIOUR LABEL		FILES	
00194	Set the audio source (MIC) and recorded file format	record	us/zoom/proguard/el2.java	
00197	Set the audio encoder and initialize the recorder	record	us/zoom/proguard/el2.java	
00196	Set the recorded file format and output path	record file	us/zoom/proguard/el2.java	
00062	Query WiFi information and WiFi Mac Address wifi collection		us/zoom/proguard/xt4.java	
00130	Get the current WIFI information	wifi collection	us/zoom/proguard/pm3.java us/zoom/proguard/xt4.java	
00134	Get the current WiFi IP address	wifi collection	us/zoom/proguard/xt4.java	
00082	Get the current WiFi MAC address collection wifi		us/zoom/proguard/xt4.java	
00192	Get messages in the SMS inbox	sms	com/zipow/videobox/fragment/DiagnosticsFragment.java us/zoom/proguard/yx3.java us/zoom/videomeetings/richtext/ZMRichTextUtil.java	
00025	Monitor the general action to be performed reflection		id/f.java	
00043	Calculate WiFi signal strength collection wifi		us/zoom/proguard/pm3.java	
00092	Send broadcast command		us/zoom/proguard/m64.java	

RULE ID	BEHAVIOUR	LABEL	FILES
00064	Monitor incoming call status	control	com/zipow/videobox/sip/server/p.java us/zoom/proguard/rb3.java
00002	Open the camera and take picture	camera	com/zipow/nydus/camera/CameraCaptureImplV1.java
00023	Start another application from current application	reflection control	com/zipow/videobox/auto/ZmAutoMeetingScreen\$onClickMeet\$1.java
00078	Get the network operator name	collection telephony	Yc/f.java bo/content/m0.java
00147	Get the time of current location	collection location	k/C3931w.java
00115	Get last known location of the device	collection location	k/C3931w.java
00114	Create a secure socket connection to the proxy address	network command	Sj/j.java
00123	Save the response to JSON after connecting to the remote server network command		bo/content/s1.java

FIREBASE DATABASES ANALYSIS

TITLE	SEVERITY	DESCRIPTION
App talks to a Firebase database	info	The app talks to Firebase database at https://galileo-health-production.firebaseio.com

TITLE	SEVERITY	DESCRIPTION
Firebase Remote Config disabled	secure	Firebase Remote Config is disabled for https://firebaseremoteconfig.googleapis.com/v1/projects/781943603918/namespaces/firebase:fetch? key=AlzaSyDm5AqLEKxhixhfoH21odhz6bV3zsoBQLw. This is indicated by the response: {'state': 'NO_TEMPLATE'}

***: ::** ABUSED PERMISSIONS

TYPE	MATCHES	PERMISSIONS
Malware Permissions	11/25	android.permission.INTERNET, android.permission.ACCESS_NETWORK_STATE, android.permission.ACCESS_WIFI_STATE, android.permission.ACCESS_COARSE_LOCATION, android.permission.ACCESS_FINE_LOCATION, android.permission.CAMERA, android.permission.RECORD_AUDIO, android.permission.WRITE_EXTERNAL_STORAGE, android.permission.READ_EXTERNAL_STORAGE, android.permission.WAKE_LOCK, android.permission.RECEIVE_BOOT_COMPLETED
Other Common Permissions	7/44	android.permission.CHANGE_NETWORK_STATE, android.permission.FOREGROUND_SERVICE, android.permission.MODIFY_AUDIO_SETTINGS, android.permission.BROADCAST_STICKY, android.permission.CALL_PHONE, com.google.android.c2dm.permission.RECEIVE, com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE

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	
ssrv.adjust.cn	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou	
subscription.adjust.cn	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou	
app.adjust.cn	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou	
gdpr.adjust.cn	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou	

Q DOMAIN MALWARE CHECK

DOMAIN STATUS GEOLOCATION

DOMAIN	STATUS	GEOLOCATION
merchant-ui-api.stripe.com	ok	IP: 54.187.175.68 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
link.com	ok	IP: 35.166.203.173 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
api.stripe.com	ok	IP: 52.25.214.31 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
app.adjust.com	ok	IP: 185.151.204.8 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map

DOMAIN	STATUS	GEOLOCATION
gdpr.adjust.com	ok	IP: 185.151.204.51 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
subscription.tr.adjust.com	ok	IP: 195.244.54.44 Country: Turkey Region: Izmir City: Izmir Latitude: 38.412731 Longitude: 27.138380 View: Google Map
ssrv.us.adjust.com	ok	IP: 185.151.204.70 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
ssrv.adjust.world	ok	IP: 185.151.204.206 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map

DOMAIN	STATUS	GEOLOCATION
checkout.link.com	ok	IP: 18.238.96.79 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
blog.zoom.us	ok	IP: 170.114.52.63 Country: United States of America Region: California City: San Jose Latitude: 37.333698 Longitude: -121.889297 View: Google Map
www.braze.com	ok	IP: 104.17.228.60 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
link.co	ok	IP: 13.224.53.115 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map

DOMAIN	STATUS	GEOLOCATION
subscription.adjust.net.in	ok	IP: 185.151.204.34 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
firebaseinstallations.googleapis.com	ok	IP: 64.233.177.95 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
ssrv.tr.adjust.com	ok	IP: 195.244.54.5 Country: Turkey Region: Izmir City: Izmir Latitude: 38.412731 Longitude: 27.138380 View: Google Map
sdk.split.io	ok	IP: 151.101.131.9 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map

DOMAIN	STATUS	GEOLOCATION
auth.split.io	ok	IP: 44.197.221.236 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
ssrv.adjust.cn	ok	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou Latitude: 30.293650 Longitude: 120.161423 View: Google Map
core-api.prod.galileo.io	ok	IP: 54.221.6.35 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
q.stripe.com	ok	IP: 54.186.23.98 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
schemas.android.com	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
galileo-health-production.firebaseio.com	ok	IP: 35.201.97.85 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
subscription.adjust.com	ok	IP: 185.151.204.52 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
app.adjust.net.in	ok	IP: 185.151.204.31 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
goo.gle	ok	IP: 67.199.248.12 Country: United States of America Region: New York City: New York City Latitude: 40.739288 Longitude: -73.984955 View: Google Map

DOMAIN	STATUS	GEOLOCATION
r.stripe.com	ok	IP: 54.187.119.242 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
explore.zoom.us	ok	IP: 52.84.151.64 Country: Germany Region: Hessen City: Frankfurt am Main Latitude: 50.115520 Longitude: 8.684170 View: Google Map
gdpr.tr.adjust.com	ok	IP: 195.244.54.5 Country: Turkey Region: Izmir City: Izmir Latitude: 38.412731 Longitude: 27.138380 View: Google Map
www.googleadservices.com	ok	IP: 74.125.136.157 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

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DOMAIN	STATUS	GEOLOCATION
issuetracker.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
ssrv.adjust.com	ok	IP: 185.151.204.2 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
gdpr.eu.adjust.com	ok	IP: 185.151.204.60 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
sondheim.braze.com	ok	IP: 104.18.43.4 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map

DOMAIN	STATUS	GEOLOCATION
subscription.adjust.cn	ok	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou Latitude: 30.293650 Longitude: 120.161423 View: Google Map
telemetry.split.io	ok	IP: 3.223.63.250 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
www.zoom.us	ok	IP: 170.114.52.2 Country: United States of America Region: California City: San Jose Latitude: 37.333698 Longitude: -121.889297 View: Google Map
static.afterpay.com	ok	IP: 104.16.223.179 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map

DOMAIN	STATUS	GEOLOCATION
developer.apple.com	ok	IP: 17.253.83.137 Country: Singapore Region: Singapore City: Singapore Latitude: 1.289670 Longitude: 103.850067 View: Google Map
app.us.adjust.com	ok	IP: 185.151.204.70 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
support.zoom.us	ok	IP: 170.114.45.6 Country: United States of America Region: California City: San Jose Latitude: 37.333698 Longitude: -121.889297 View: Google Map
google.com	ok	IP: 142.250.9.100 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
goo.gl	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
app.adjust.cn	ok	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou Latitude: 30.293650 Longitude: 120.161423 View: Google Map
app.eu.adjust.com	ok	IP: 185.151.204.60 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
gdpr.adjust.world	ok	IP: 185.151.204.40 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map

DOMAIN	STATUS	GEOLOCATION
api.galileo.io	ok	IP: 34.192.41.152 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
subscription.adjust.world	ok	IP: 185.151.204.44 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 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

DOMAIN	STATUS	GEOLOCATION
notareal.link	ok	No Geolocation information available.
developer.android.com	ok	IP: 64.233.176.101 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
www.google.com	ok	IP: 142.251.15.104 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
zoomus.zendesk.com	ok	IP: 216.198.53.2 Country: United States of America Region: California City: San Francisco Latitude: 37.773968 Longitude: -122.410446 View: Google Map
streaming.split.io	ok	IP: 18.155.173.57 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map

DOMAIN	STATUS	GEOLOCATION
subscription.eu.adjust.com	ok	IP: 185.151.204.60 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
app-measurement.com	ok	IP: 64.233.177.102 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
m.stripe.com	ok	IP: 34.215.30.129 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
www.example.com	ok	IP: 23.56.109.241 Country: France Region: Provence-Alpes-Cote-d'Azur City: Marseille Latitude: 43.296951 Longitude: 5.381070 View: Google Map

DOMAIN	STATUS	GEOLOCATION
galileo.helpscoutdocs.com	ok	IP: 18.210.189.28 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
app.tr.adjust.com	ok	IP: 195.244.54.5 Country: Turkey Region: Izmir City: Izmir Latitude: 38.412731 Longitude: 27.138380 View: Google Map
gdpr.adjust.net.in	ok	IP: 185.151.204.32 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
ns.adobe.com	ok	No Geolocation information available.
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

DOMAIN	STATUS	GEOLOCATION
hooks.stripe.com	ok	IP: 54.187.175.68 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
www.zoomgov.com	ok	IP: 160.1.56.156 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
www.amazon.com	ok	IP: 18.155.172.176 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
zoom.us	ok	IP: 170.114.52.2 Country: United States of America Region: California City: San Jose Latitude: 37.333698 Longitude: -121.889297 View: Google Map

DOMAIN	STATUS	GEOLOCATION
aomedia.org	ok	IP: 185.199.109.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map
sdk.iad-01.braze.com	ok	IP: 172.64.148.188 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
play.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
firebase.google.com	ok	IP: 74.125.136.100 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
twitter.com	ok	IP: 162.159.140.229 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
errors.stripe.com	ok	IP: 198.202.176.161 Country: United States of America Region: New York City: New York City Latitude: 40.797550 Longitude: -73.946190 View: Google Map
ssrv.adjust.net.in	ok	IP: 185.151.204.207 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
api.mixpanel.com	ok	IP: 107.178.240.159 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map

DOMAIN	STATUS	GEOLOCATION
gdpr.us.adjust.com	ok	IP: 185.151.204.70 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
docs.stripe.com	ok	IP: 52.10.212.243 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
gdpr.adjust.cn	ok	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou Latitude: 30.293650 Longitude: 120.161423 View: Google Map
app.adjust.world	ok	IP: 185.151.204.42 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map

Т

DOMAIN	STATUS	GEOLOCATION
accounts.google.com	ok	IP: 142.251.2.84 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
ssrv.eu.adjust.com	ok	IP: 185.151.204.60 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
subscription.us.adjust.com	ok	IP: 185.151.204.70 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
galileo.io	ok	IP: 54.81.216.181 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map

Т

DOMAIN	STATUS	GEOLOCATION
support.stripe.com	ok	IP: 198.137.150.161 Country: United States of America Region: Ohio City: Miamisburg Latitude: 39.630859 Longitude: -84.262108 View: Google Map
events.split.io	ok	IP: 54.226.96.64 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
stripe.com	ok	IP: 52.40.139.248 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
firebase-settings.crashlytics.com	ok	IP: 142.250.9.94 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map



EMAIL	FILE
support@galileohealth.com	ha/e.java
u0013android@android.com0 u0013android@android.com	V9/i.java
support@stripe.com	e8/r.java
email@me.co	ie/C3716a.java
support@stripe.com	Ld/C1120i.java
email@example.com	ge/C3387b.java
support@stripe.com	Hd/f.java
support@galileohealth.com	com/galileohealth/android/membership/dialogs/IneligibleBottomSheet.java
example@example.com	com/zipow/videobox/view/ABItemDetailsList.java
this@zmsettingfragment.getfragmen	com/zipow/videobox/fragment/settings/ZmSettingFragment.java
support@galileohealth.com user@example.com zdc.pr@zoom.us no-reply@zoom.us support@stripe.com	Android String Resource



TRACKER	CATEGORIES	URL
Adjust	Analytics	https://reports.exodus-privacy.eu.org/trackers/52
Google CrashLytics	Crash reporting	https://reports.exodus-privacy.eu.org/trackers/27
Google Firebase Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/49
MixPanel	Analytics	https://reports.exodus-privacy.eu.org/trackers/118
Split	Analytics	https://reports.exodus-privacy.eu.org/trackers/349

HARDCODED SECRETS



POSSIBLE SECRETS
"com_braze_api_key" : "13236bf0-1310-47dc-9248-db947b0f9d87"
"com_braze_firebase_cloud_messaging_sender_id" : "781943603918"
"com_braze_image_is_read_tag_key" : "com_appboy_image_is_read_tag_key"
"com_braze_image_lru_cache_image_url_key" : "com_braze_image_lru_cache_image_url_key"
"com_braze_image_resize_tag_key" : "com_appboy_image_resize_tag_key"
"firebase_database_url" : "https://galileo-health-production.firebaseio.com"
"google_api_key" : "AlzaSyDm5AqLEKxhixhfoH21odhz6bV3zsoBQLw"
"google_crash_reporting_api_key" : "AlzaSyDm5AqLEKxhixhfoH21odhz6bV3zsoBQLw"
"google_maps_key" : "AlzaSyAJqF_pteWvjwik06uc0e-yzmmQSdoEUDo"
"mixpanel_token" : "5300158e5549f35e5ff371416c62d56f"
"split_api" : "uu3hhhg3snv62d244g7jc9d1nkdefajin9cg"
"stripe_publishable_key" : "pk_live_nj9ZExpzSVI7sJ6zrfSbFuR3"
"twilio_sms_number" : "9179974883"
"zm_deeplink_private_channel_approve_380105" : "Approve"
"zm_deeplink_private_channel_cancel_552125" : "Cancel"

POSSIBLE SECRETS
"zm_deeplink_private_channel_decline_380105" : "Decline"
"zm_facebook_live_key_426839" : "facebook"
"zm_fb_workplace_live_key_426839" : "fb_workplace"
"zm_google_private_meeting_317030" : "Busy"
"zm_im_mention_session_link_552428" : "(#%s)"
"zm_im_session_members_external_393577" : "External"
"zm_im_session_members_external_keywords_393577" : "external"
"zm_mm_call_session_list_format" : "[%s]"
"zm_open_app_feature_shortcut_key_304115" : "feature"
"zm_pbx_private_call_park_brackets_599001" : "(%s)"
"zm_pbx_voicemail_forward_private_330349" : "Private"
"zm_search_authenticate_212554" : "Authenticate"
"zm_sip_sms_session_alert_137657" : "Alert"
"zm_sip_sms_session_member_item_detail_desc_137657" : "Button"
"zm_sip_sms_session_name_other_136896" : "Others"

POSSIBLE SECRETS "zm_twitch_live_key_426839": "twitch" "zm_youtube_live_key": "youtube" "zm_zapp_guest_mode_promote_authorize_add_dialog_add_519982": "Add" "zoom_api_domain": "galileo.zoom.us" "zoom_api_key": "gr374jJbcl9hkOzHkSHr1Fg5SuslwqVHCQyN" "zoom_api_secret": "USdLaiYi02JC1tqFEJna1DLDEjik8wTkberB" 11839296a789a3bc0045c8a5fb42c7d1bd998f54449579b446817afbd17273e662c97ee72995ef42640c550b9013fad0761353c7086a272c24088be94769fd16650 115792089237316195423570985008687907853269984665640564039457584007908834671663 8138e8a0fcf3a4e84a771d40fd305d7f4aa59306d7251de54d98af8fe95729a1f73d893fa424cd2edc8636a6c3285e022b0e3866a565ae8108eed8591cd4fe8d2ce86165a9 78d719ebf647f362d33fca29cd179fb42401cbaf3df0c614056f9c8f3cfd51e474afb6bc6974f78db8aba8e9e517fded658591ab7502bd41849462f 68647976601306097149819007990813932172694353001433054093944634591855431833976560521225596406614545549772963113914808580371219879997166 43812574028291115057151 27580193559959705877849011840389048093056905856361568521428707301988689241309860865136260764883745107765439761230575 41058363725152142129326129780047268409114441015993725554835256314039467401291 470fa2b4ae81cd56ecbcda9735803434cec591fa 4fe342e2fe1a7f9b8ee7eb4a7c0f9e162bce33576b315ececbb6406837bf51f5 2762c874eafb8e94376855402628e842

POSSIBLE SECRETS

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115792089210356248762697446949407573529996955224135760342422259061068512044369

> PLAYSTORE INFORMATION

Title: Galileo: Medical Care

Score: 4.769461 Installs: 100,000+ Price: 0 Android Version Support: Category: Medical Play Store URL: com.galileohealth.android

Developer Details: Galileo Health, Galileo+Health, None, https://galileo.io/, support@galileo.io,

Release Date: Sep 24, 2019 Privacy Policy: Privacy link

Description:

Get high-quality medical care in the palm of your hand with Galileo. 24/7 Availability Have a late-night concern or need care over the weekend? We're here for you around the clock, every day of the year. The Highest-Quality Care, Fast Our providers work as a team to give you the most accurate and effective treatment, every time. Always Within Reach Our easy-to-use app brings the doctor's office to you - get care by chat, phone, or video. Care For Almost Any Health Need Galileo's multidisciplinary medical team treats everything from colds to diabetes, saving you expensive specialist visits. What We Can Help With Everyday issues, like: Prescriptions and refills, acne, birth control, hair loss Acute issues, like: Cold and flu, UTIs / STIs, headaches, rashes Chronic conditions, like: Diabetes, hypertension, heart disease, asthma Mental health, like: Anxiety, depression, insomnia

∷ SCAN LOGS

Timestamp	Event	Error
2025-08-29 22:45:53	Generating Hashes	ОК
2025-08-29 22:45:54	Extracting APK	OK
2025-08-29 22:45:54	Unzipping	OK

2025-08-29 22:45:55	Parsing APK with androguard	ОК
2025-08-29 22:45:55	Extracting APK features using aapt/aapt2	ОК
2025-08-29 22:45:56	Getting Hardcoded Certificates/Keystores	ОК
2025-08-29 22:46:00	Parsing AndroidManifest.xml	OK
2025-08-29 22:46:01	Extracting Manifest Data	ОК
2025-08-29 22:46:01	Manifest Analysis Started	ОК
2025-08-29 22:46:01	Reading Network Security config from network_security_config.xml	ок
2025-08-29 22:46:01	Parsing Network Security config	ОК
2025-08-29 22:46:01	Performing Static Analysis on: Galileo Health (com.galileohealth.android)	ОК
2025-08-29 22:46:01	Fetching Details from Play Store: com.galileohealth.android	ОК
2025-08-29 22:46:02	Checking for Malware Permissions	ОК

2025-08-29 22:46:02	Fetching icon path	ОК
2025-08-29 22:46:02	Library Binary Analysis Started	ОК
2025-08-29 22:46:02	Reading Code Signing Certificate	ОК
2025-08-29 22:46:03	Running APKiD 2.1.5	ОК
2025-08-29 22:46:12	Detecting Trackers	ОК
2025-08-29 22:46:18	Decompiling APK to Java with JADX	ок
2025-08-29 22:47:04	Converting DEX to Smali	ОК
2025-08-29 22:47:04	Code Analysis Started on - java_source	ОК
2025-08-29 22:47:27	Android SBOM Analysis Completed	ок
2025-08-29 22:48:58	Android SAST Completed	ОК

2025-08-29 22:48:58	Android API Analysis Started	ОК
2025-08-29 22:50:59	Android API Analysis Completed	ОК
2025-08-29 22:51:00	Android Permission Mapping Started	OK
2025-08-29 22:53:42	Android Permission Mapping Completed	ОК
2025-08-29 22:53:48	Android Behaviour Analysis Started	ОК
2025-08-29 22:55:33	Android Behaviour Analysis Completed	ОК
2025-08-29 22:55:33	Extracting Emails and URLs from Source Code	ОК
2025-08-29 22:56:35	Email and URL Extraction Completed	ОК
2025-08-29 22:56:35	Extracting String data from APK	ОК
2025-08-29 22:56:36	Extracting String data from Code	ОК

2025-08-29 22:56:36	Extracting String values and entropies from Code	OK
2025-08-29 22:56:56	Performing Malware check on extracted domains	ОК
2025-08-29 22:57:17	Saving to Database	ОК

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.

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