

ANDROID STATIC ANALYSIS REPORT

app_icon

HeartEntry (1.0.8)

File Name:	health.care.heart.entry_7.apk
Package Name:	health.care.heart.entry
Scan Date:	Sept. 1, 2025, 1:28 p.m.
App Security Score:	47/100 (MEDIUM RISK)
Grade:	
Trackers Detection:	11/432

FINDINGS SEVERITY

≟ HIGH	▲ MEDIUM	i INFO	✓ SECURE	® HOTSPOT
6	62	2	2	4

FILE INFORMATION

File Name: health.care.heart.entry_7.apk

Size: 38.89MB

MD5: bb434475b793a8a382dc31d85570e71b

SHA1: 4f3e3966b5a24311a9dce9b4e2d3fcc751ae4006

SHA256: 543f0dfac30b72ddf54e1392a574159df0cd8d709f8aa8f50f98cc73bb13790b

i APP INFORMATION

App Name: HeartEntry

Package Name: health.care.heart.entry

Main Activity: com.example.heartentry.activity.LoadingActivity

Target SDK: 34 Min SDK: 24 Max SDK:

Android Version Name: 1.0.8

EE APP COMPONENTS

Activities: 68 Services: 15 Receivers: 18 Providers: 10

Exported Activities: 6
Exported Services: 2
Exported Receivers: 7
Exported Providers: 1

***** CERTIFICATE INFORMATION

Binary is signed v1 signature: False 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: 2024-10-23 10:34:28+00:00 Valid To: 2054-10-23 10:34:28+00:00

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

Serial Number: 0xf40fc02b7bdc531ad334b76341a4c4a3edf94473

Hash Algorithm: sha256

md5: d8f97eb4379464347b8078657302bb61

sha1: c93194dd603514985ff0466ed0305a5f6935bbc5

sha256: 17cf48229bca7e5d85dfd1e2126a17e18a77dfecf0047a3b26901f11b1f92c8b

sha512; b20ecedfd683a1d66fc05054f4cba59483a3dc9b21c73ecd6ea468ca0d6e98b1917cd9b2e0bf62088ba7777bc0f61464af826af5411e825fafc129272ff79235

PublicKey Algorithm: rsa

Bit Size: 4096

Fingerprint: c766080b2d90539edf63564eb0ed21927935d993551995b52d2703755c7351e1

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.FOREGROUND_SERVICE	normal	enables regular apps to use Service.startForeground.	Allows a regular application to use Service.startForeground.
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.
com.google.android.gms.permission.AD_ID	normal	application shows advertisements	This app uses a Google advertising ID and can possibly serve advertisements.
com.applovin.array.apphub.permission.BIND_APPHUB_SERVICE	unknown	Unknown permission	Unknown permission from android reference
android.permission.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE	normal	permission defined by google	A custom permission defined by Google.

PERMISSION	STATUS	INFO	DESCRIPTION
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.
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.POST_NOTIFICATIONS	dangerous	allows an app to post notifications.	Allows an app to post notifications
com.google.android.c2dm.permission.RECEIVE	normal	recieve push notifications	Allows an application to receive push notifications from cloud.
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.
health.care.heart.entry.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION	unknown	Unknown permission	Unknown permission from android reference

M APKID ANALYSIS

FILE	DETAILS		
	FINDINGS		DETAILS
bb434475b793a8a382dc31d85570e71b.apk	Anti-VM Code		emulator file check possible VM check
	FINDINGS	DETA	AILS
classes.dex	Anti-VM Code	Build.I Build.I Build.I possib Build.	FINGERPRINT check MODEL check MANUFACTURER check BOARD check ble Build.SERIAL check TAGS check nel.qemu check
	Compiler	r8 with	nout marker (suspicious)

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

FILE	DETAILS	
	FINDINGS	DETAILS
classes3.dex	Anti-VM Code	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.TAGS check SIM operator check network operator name check possible VM check
	Anti Debug Code	Debug.isDebuggerConnected() check
	Compiler	r8 without marker (suspicious)
	FINDINGS	DETAILS
classes4.dex	Anti-VM Code	Build.FINGERPRINT check Build.MANUFACTURER check Build.HARDWARE check Build.BOARD check emulator file check
	Compiler	r8 without marker (suspicious)



ACTIVITY	INTENT
com.facebook.CustomTabActivity	Schemes: fbconnect://, Hosts: cct.health.care.heart.entry,

△ NETWORK SECURITY

NO	SCOPE	SEVERITY	DESCRIPTION

CERTIFICATE ANALYSIS

HIGH: 0 | WARNING: 0 | INFO: 1

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

Q MANIFEST ANALYSIS

HIGH: 1 | WARNING: 51 | INFO: 0 | SUPPRESSED: 0

NO ISSUE SEVERITY DESCRIPTION

NO	ISSUE	SEVERITY	DESCRIPTION
1	App can be installed on a vulnerable unpatched Android version Android 7.0, [minSdk=24]	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	Application Data can be Backed up [android:allowBackup=true]	warning	This flag allows anyone to backup your application data via adb. It allows users who have enabled USB debugging to copy application data off of the device.
3	Activity (com.example.heartentry.activity.MainActivity) 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.example.heartentry.activity.CreateActivity) 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.example.heartentry.activity.AlterActivity) 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.
6	Activity (com.example.heartentry.activity.AgreementActivity) 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.
7	Activity (com.example.heartentry.activity.DetailsActivity) 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.
8	Service (com.example.heartentry.ke.Cxui7Rt) 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	Content Provider (com.example.heartentry.ke.CaTePrd) 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.
10	Broadcast Receiver (com.example.heartentry.bobo.HoJuRev) 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.
11	Broadcast Receiver (com.example.heartentry.ke.CoH8Rev) is not Protected. [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.
12	Broadcast Receiver (com.example.heartentry.bobo.ViRev) 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.
13	TaskAffinity is set for activity (com.example.heartentry.activity.EmptyActivity)		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.
14	TaskAffinity is set for activity (com.mbridge.msdk.reward.player.MBRewardVideoActivity)	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.
15	TaskAffinity is set for activity (com.bytedance.sdk.openadsdk.activity.TTLandingPageActivity)	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.

NO	ISSUE	SEVERITY	DESCRIPTION
TaskAffinity is set for activity (com.bytedance.sdk.openadsdk.activity.TTAppOpenAdActivity)		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.
17	TaskAffinity is set for activity (com.bytedance.sdk.openadsdk.activity.TTRewardVideoActivity)		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.
18	TaskAffinity is set for activity (com.bytedance.sdk.openadsdk.activity.TTRewardExpressVideoActivity)		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.
19	TaskAffinity is set for activity (com.bytedance.sdk.openadsdk.activity.TTFullScreenVideoActivity)		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.
20	TaskAffinity is set for activity (com.bytedance.sdk.openadsdk.activity.TTFullScreenExpressVideoActivity)	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.

NO	ISSUE	SEVERITY	DESCRIPTION
TaskAffinity is set for activity (com.bytedance.sdk.openadsdk.activity.TTInterstitialActivity)		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.
22	TaskAffinity is set for activity (com.bytedance.sdk.openadsdk.activity.TTInterstitialExpressActivity)		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.
23	TaskAffinity is set for activity (com.applovin.adview.AppLovinFullscreenActivity)		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.
24	TaskAffinity is set for activity (com.applovin.mediation.hybridAds.MaxHybridMRecAdActivity)		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.
25	TaskAffinity is set for activity (com.applovin.mediation.hybridAds.MaxHybridNativeAdActivity)	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.

NO	ISSUE	SEVERITY	DESCRIPTION
26	TaskAffinity is set for activity (sg.bigo.ads.ad.splash.AdSplashActivity)	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.
27	TaskAffinity is set for activity (sg.bigo.ads.ad.splash.LandscapeAdSplashActivity)		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.
28	TaskAffinity is set for activity (sg.bigo.ads.api.AdActivity)	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.
29	TaskAffinity is set for activity (sg.bigo.ads.api.LandscapeAdActivity)	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.
30	TaskAffinity is set for activity (sg.bigo.ads.core.mraid.MraidVideoActivity)	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.

NO	ISSUE	SEVERITY	DESCRIPTION
31	TaskAffinity is set for activity (sg.bigo.ads.api.CompanionAdActivity)	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.
32	TaskAffinity is set for activity (sg.bigo.ads.api.LandingStyleableActivity)	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.
33	TaskAffinity is set for activity (com.inmobi.ads.rendering.lnMobiAdActivity)	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.
34	TaskAffinity is set for activity (com.applovin.sdk.AppLovinWebViewActivity)	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.
35	TaskAffinity is set for activity (sg.bigo.ads.api.LandscapeCompanionAdActivity)	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.

NO	ISSUE	SEVERITY	DESCRIPTION
36	TaskAffinity is set for activity (com.mbridge.msdk.activity.MBCommonActivity)		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.
37	TaskAffinity is set for activity (com.anythink.expressad.reward.player.ATRewardVideoActivity)		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.
38	TaskAffinity is set for activity (com.anythink.core.activity.AnyThinkGdprAuthActivity)		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.
39	TaskAffinity is set for activity (com.anythink.basead.ui.ATLandscapeActivity)		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.
40	TaskAffinity is set for activity (com.anythink.basead.ui.ATPortraitActivity)	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.

NO	ISSUE	SEVERITY	DESCRIPTION
41	TaskAffinity is set for activity (com.anythink.basead.ui.ATLandscapeTranslucentActivity)		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.
42	TaskAffinity is set for activity (com.anythink.basead.ui.ATPortraitTranslucentActivity)		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.
43	TaskAffinity is set for activity (com.anythink.basead.ui.RewardExitConfirmDialogActivity)	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.
44	TaskAffinity is set for activity (com.bytedance.sdk.openadsdk.activity.TTAdActivity)		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.
45	TaskAffinity is set for activity (sg.bigo.ads.api.PopupAdActivity)	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.
46	Activity (com.facebook.CustomTabActivity) 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
47	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]		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.
48	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]		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.
49	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.

NO	ISSUE	SEVERITY	DESCRIPTION
50	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]		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.
51	Broadcast Receiver (com.mbridge.msdk.foundation.same.broadcast.NetWorkChangeReceiver) is not Protected. [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.
52	High Intent Priority (2147483647) - {4} Hit(s) [android:priority]		By setting an intent priority higher than another intent, the app effectively overrides other requests.

</> CODE ANALYSIS

HIGH: 4 | WARNING: 9 | INFO: 2 | SECURE: 2 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/adjust/sdk/Logger.java com/adjust/sdk/sig/NativeLibHelper.java com/adjust/sdk/sig/Signer.java com/adjust/sdk/sig/d.java com/anythink/banner/api/ATBannerView.ja va com/anythink/basead/b/c.java com/anythink/basead/exoplayer/ad.java

NO	ISSUE	SEVERITY	STANDARDS	com/anythink/basead/exoplayer/b/l.java Fdhr 5nythink/basead/exoplayer/d/a.java com/anythink/basead/exoplayer/d/b.java
				com/anythink/basead/exoplayer/d/d.java
				com/anythink/basead/exoplayer/e/a/b.jav
				com/anythink/basead/exoplayer/e/a/e.jav
				com/anythink/basead/exoplayer/e/a/f.jav
				com/anythink/basead/exoplayer/e/a/h.ja
				com/anythink/basead/exoplayer/e/a/k.ja
				com/anythink/basead/exoplayer/f.java
				com/anythink/basead/exoplayer/f/a.java
				com/anythink/basead/exoplayer/f/b.java
				com/anythink/basead/exoplayer/f/d.java
				com/anythink/basead/exoplayer/g/b/g.ja
				com/anythink/basead/exoplayer/h/b/b.ja
				a
				com/anythink/basead/exoplayer/h/b/f.ja
				com/anythink/basead/exoplayer/j.java
				com/anythink/basead/exoplayer/j/a/m.ja
				com/anythink/basead/exoplayer/j/n.java
				com/anythink/basead/exoplayer/j/p.java
				com/anythink/basead/exoplayer/j/t.java
				com/anythink/basead/exoplayer/k.java
				com/anythink/basead/exoplayer/k/af.jav
				com/anythink/basead/exoplayer/k/b.jav
				com/anythink/basead/exoplayer/k/i.java
				com/anythink/basead/exoplayer/k/p.jav
				com/anythink/basead/exoplayer/l/c.java
				com/anythink/basead/exoplayer/l/e.java
				com/anythink/basead/exoplayer/q.java
				com/anythink/basead/mixad/e/a.java
				com/anythink/basead/mraid/MraidBase
				bView.java
				com/anythink/basead/mraid/i.java
				com/anythink/basead/ui/BaseATActivity.
				a
				com/anythink/basead/ui/MediaATView.ja
				com/anythink/basead/ui/MraidMediaVie
				ava
				com/anythink/basead/ui/ShakeView.java
				com/anythink/basead/ui/SinglePictureBo

NO	ISSUE	SEVERITY	STANDARDS	omSlideSplashATView.java Fdbt Snythink/basead/ui/SinglePictureSplas hATView.java
				com/anythink/basead/ui/activity/ATMixSpl
				ashActivity.java
				com/anythink/basead/ui/animplayerview/r
				edpacket/RedPacketView.java
				com/anythink/basead/ui/animplayerview/r
				edpacket/a.java
				com/anythink/basead/ui/animplayerview/s
				cale/BaseAlbumScaleItemView.java
				com/anythink/basead/ui/thirdparty/ThirdP
				artySelfRenderScreenATView.java
				com/anythink/core/activity/component/Pri
				vacyPolicyView.java
				com/anythink/core/api/ATSDK.java
				com/anythink/core/api/ATSDKGlobalSettin
				g.java
				com/anythink/core/b/a.java
				com/anythink/core/b/d/c.java
				com/anythink/core/b/h.java
				com/anythink/core/basead/a/a.java
				com/anythink/core/basead/a/b.java
				com/anythink/core/basead/adx/api/ATAdx
				Setting.java
				com/anythink/core/c/b/c.java
				com/anythink/core/common/c/b.java
				com/anythink/core/common/c/q.java
				com/anythink/core/common/c/s.java
				com/anythink/core/common/f.java
				com/anythink/core/common/g/c.java
				com/anythink/core/common/i/a.java
				com/anythink/core/common/k.java
				com/anythink/core/common/k/a/b.java
				com/anythink/core/common/m.java
				com/anythink/core/common/o/d.java
				com/anythink/core/common/p.java
				com/anythink/core/common/res/d.java
				com/anythink/core/common/s/a/f.java
				com/anythink/core/common/s/g.java
				com/anythink/core/common/s/i.java

NO	ISSUE	SEVERITY	STANDARDS	com/anythink/core/common/s/k.java Folk 5 hythink/core/common/s/l.java com/anythink/core/common/s/n.java
NO	ISSUE	SEVERITY	STANDARDS	com/anythink/core/common/s/l.java com/anythink/core/common/s/l.java com/anythink/core/common/s/l.java com/anythink/core/common/v.java com/anythink/core/common/v.java com/anythink/core/d/k.java com/anythink/core/d/l.java com/anythink/core/d/l.java com/anythink/core/d/l.java com/anythink/core/d/l.java com/anythink/core/d/l.java com/anythink/core/express/web/BaseWeb View.java com/anythink/expressad/atsignalcommon/ windvane/WindVaneWebView.java com/anythink/expressad/foundation/g/c/d. java com/anythink/expressad/foundation/g/c/d. java com/anythink/expressad/foundation/g/f/f/ a.java com/anythink/expressad/foundation/h/r.ja va com/anythink/expressad/foundation/h/r.ja va com/anythink/expressad/foundation/h/r.ja va com/anythink/expressad/reward/a/d.java com/anythink/expressad/video/bt/module/ ATTempContainer.java com/anythink/expressad/video/module/An ythinkBaseView.java com/anythink/expressad/widget/Feedback RadioGroup.java com/anythink/interstitial/a/a.java com/anythink/interstitial/a/c.java com/anythink/interstitial/a/c.java com/anythink/interstitial/api/ATInterstitial.j
				ava com/anythink/nativead/api/ATNative.java com/anythink/nativead/api/ATNativeAdVie w.java com/anythink/nativead/api/ATNativeImage

NO ISSUE SEVERITY STANDARDS	com/anythink/nativead/api/NativeAd.java
	TInitManager.java com/anythink/network/bigo/BigoATBanner Adapter.java com/anythink/network/bigo/BigoATInitMa nager.java com/anythink/network/bigo/BigoATNative Ad.java com/anythink/network/bigo/BigoATSplash Adapter.java com/anythink/network/mintegral/Mintegra lATInitManager.java com/anythink/network/mintegral/Mintegra lATInterstitialAdapter.java com/anythink/network/mintegral/Mintegra lATSplashAdapter.java com/anythink/network/pangle/PangleATIni tManager.java com/anythink/network/pangle/PangleATRe wardedVideoAdapter.java com/anythink/rewardvideo/a/b.java com/anythink/rewardvideo/a/c.java com/anythink/rewardvideo/api/ATRewardV ideoAd.java com/anythink/splashad/api/ATSplashAd.jav a com/anythink/splashad/api/ATSplashSkipIn fo.java com/apm/insight/b/j.java com/apm/insight/l/p.java com/apm/insight/l/p.java com/apm/insight/l/p.java com/applovin/impl/pc.java com/bykv/vk/openvk/component/video/cfe

com/bykw/wk/openwk/component/video/cfe/r/MN/rik).jiPi,ava com/bykw/wk/openwk/component/video/cfe/r/MN/rik).java com/bykw/wk/openwk/component/video/cfe/r/MN/rmc.java com/bykw/wk/openwk/component/video/cfe/r/MN/ymc.java com/bykw/wk/openwk/component/jeso/cge er/Defaulti.ogger.java com/bytedance/adsdk/ugeno/cfe/eQG.java com/bytedance/adsdk/ugeno/cfe/eQG.java com/bytedance/adsdk/ugeno/component/i mage/rce.java com/bytedance/adsdk/ugeno/component/i mage/rce.java com/bytedance/adsdk/ugeno/component/i MN.java com/bytedance/adsdk/ugeno/corponent/i MN.java com/bytedance/adsdk/ugeno/corponent/i MN.java com/bytedance/adsdk/ugeno/corponent/i ewPager.java com/bytedance/adsdk/ugeno/core/cfe.java com/bytedance/adsdk/ugeno/core/cfe.java com/bytedance/adsdk/ugeno/core/cfe.java com/bytedance/adsdk/ugeno/core/cfe.java com/bytedance/adsdk/ugeno/core/cfe.java com/bytedance/adsdk/ugeno/core/cfe.java com/bytedance/adsdk/ugeno/core/cfe.java com/bytedance/adsdk/component/lHv/jP/JHs java com/bytedance/sdk/component/lHs/eQG/c fe/cfe/rcfe,adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/cfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/cfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c fe/cfe/rcfe/adance/sdk/component/lHs/eQG/c	NO	ISSUE	SEVERITY	STANDARDS	/rMN/Hv.java FILES com/bykv/vk/openvk/component/video/cfe
I com/bytedance/sdk/component/IHs/rMN/c					/rMN/JH Is.java com/bykv/vk/openvk/component/video/cfe /rMN/jiP.java com/bykv/vk/openvk/component/video/cfe /rMN/rMN.java com/bykv/vk/openvk/component/video/cfe /rMN/ymc.java com/bykv/vk/openvk/preload/falconx/a/a.j ava com/bykv/vk/openvk/preload/geckox/logg er/DefaultLogger.java com/bytedance/adsdk/lottie/LottieAnimati onView.java com/bytedance/adsdk/ugeno/cfe/eQG.java com/bytedance/adsdk/ugeno/component/i mage/RoundlmageView.java com/bytedance/adsdk/ugeno/component/r MN.java com/bytedance/adsdk/ugeno/core/NV.java com/bytedance/adsdk/ugeno/core/SY.java com/bytedance/adsdk/ugeno/core/sY.java com/bytedance/adsdk/ugeno/core/cfe.java com/bytedance/adsdk/ugeno/core/fe.java com/bytedance/adsdk/ugeno/viewpager/Vi ewPager.java com/bytedance/sdk/component/Hv/jiP/JHs .java com/bytedance/sdk/component/Hv/rMN/c fe.java com/bytedance/sdk/component/JHs/eQG/c fe/cfe/cfe.java com/bytedance/sdk/component/JHs/eQG/c fe/cfe/rMN.java com/bytedance/sdk/component/JHs/eQG/c fe/cfe/rMN.java com/bytedance/sdk/component/JHs/eQG/c

NO	ISSUE	SEVERITY	STANDARDS	com/bytedance/sdk/component/SY/jiP.java EJLES com/bytedance/sdk/component/adexpress
				/jHs/cfe.java com/bytedance/sdk/component/adexpress /cfe/rMN/ymc.java com/bytedance/sdk/component/embedap plog/PangleEncryptUtils.java com/bytedance/sdk/component/embedap plog/PangleEncryptUtilsType4.java com/bytedance/sdk/component/pglcrypt/P glCryptUtils.java com/bytedance/sdk/component/rMN.java com/bytedance/sdk/component/utils/DL.ja va com/bytedance/sdk/component/utils/Hom eWatcherReceiver.java com/bytedance/sdk/component/utils/VP.ja va com/bytedance/sdk/openadsdk/CS/eQG.ja va com/bytedance/sdk/openadsdk/CS/rMN.ja va com/bytedance/sdk/openadsdk/api/factory /SDKTypeConfig.java com/bytedance/sdk/openadsdk/api/factory /SDKTypeConfig.java com/bytedance/sdk/openadsdk/componen t/Hv.java com/bytedance/sdk/openadsdk/componen t/Hv.java com/bytedance/sdk/openadsdk/componen t/Hv.java com/bytedance/sdk/openadsdk/componen t/rMN.java com/bytedance/sdk/openadsdk/componen t/reward/VP.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	com/bytedance/sdk/openadsdk/componen t/reward/cfe/HEx.java com/bytedance/sdk/openadsdk/componen t/reward/cfe/VfJ.java com/bytedance/sdk/openadsdk/componen t/reward/cfe/oLK.java

NO	ISSUE	SEVERITY	STANDARDS	t/[eward/rMN/Hv.java com/bytedance/sdk/openadsdk/core/ZWy.j
				ava com/bytedance/sdk/openadsdk/core/act/cf e.java com/bytedance/sdk/openadsdk/core/mode l/VuF.java com/bytedance/sdk/openadsdk/core/settin gs/VP.java com/bytedance/sdk/openadsdk/core/settin gs/VfJ.java com/bytedance/sdk/openadsdk/core/settin gs/VuF.java com/bytedance/sdk/openadsdk/core/settin gs/VuF.java com/bytedance/sdk/openadsdk/core/settin gs/eQG.java com/bytedance/sdk/openadsdk/core/widg et/JHs.java com/bytedance/sdk/openadsdk/rMN/eQG.j ava
				com/bytedance/sdk/openadsdk/utils/EuP.j ava com/bytedance/sdk/openadsdk/utils/JHs.ja va com/bytedance/sdk/openadsdk/utils/TPX.j ava
				com/bytedance/sdk/openadsdk/utils/syZ.ja va com/bytedance/sdk/openadsdk/uwx/cfe.ja va com/bytedance/sdk/openadsdk/uwx/cfe/cf e.java
				com/example/heartentry/MyApplication.ja va com/example/heartentry/activity/CreateAct ivity.java com/example/heartentry/activity/EmptyAct ivity.java com/example/heartentry/data/RemoteConf ig.java com/iab/omid/library/applovin/publisher/b

NO	ISSUE	SEVERITY	STANDARDS	FILES com/iab/omid/library/applovin/utils/d.java
				com/iab/omid/library/bytedance2/utils/d.ja
				va
				com/iab/omid/library/inmobi/publisher/b.
				ava
				com/iab/omid/library/inmobi/utils/d.java
				com/iab/omid/library/mmadbridge/publis
				er/b.java
				com/iab/omid/library/mmadbridge/utils/d
				java
				com/inmobi/media/AbstractC0366u3.java
				com/inmobi/media/AbstractC0389w0.java
				com/inmobi/media/AbstractC0389w0.java
				com/inmobi/media/AbstractC0988z1.java
				com/inmobi/media/Ac.java
				com/inmobi/media/C0269m9.java
				com/inmobi/media/C0304p5.java
				com/inmobi/media/C0342s5.java
				com/inmobi/media/C0411x9.java
				com/inmobi/media/C0828m9.java
				com/inmobi/media/Da.java
				com/inmobi/media/G0.java
				com/inmobi/media/L.java
				com/inmobi/media/M.java
				com/inmobi/media/N.java
				com/inmobi/media/O2.java
				com/inmobi/media/P.java
				com/inmobi/media/Rb.java
				com/inmobi/media/S.java
				com/inmobi/media/Sa.java
				com/inmobi/media/W.java
				-
				com/inmobi/media/Z5.java
				com/mbridge/msdk/dycreator/a/a.java
				com/mbridge/msdk/dycreator/baseview/l
				BScrollView.java
				com/mbridge/msdk/dycreator/baseview/e
				xtview/MBExtAcquireRewardPopView.java
				com/mbridge/msdk/dycreator/baseview/e
				xtview/MBExtFeedBackView.java

NO	ISSUE	SEVERITY	STANDARDS	com/mbridge/msak/aycreator/baseview/e ktyligg/MBExtMBridgeBaitClickView.java
				com/mbridge/msdk/dycreator/baseview/e
				xtview/MBExtMBridgeTextView.java
				com/mbridge/msdk/dycreator/bus/Backgr
				oundPoster.java
				com/mbridge/msdk/dycreator/bus/EventB
				us.java
				com/mbridge/msdk/dycreator/e/g.java
				com/mbridge/msdk/foundation/controller/
				b.java
				com/mbridge/msdk/foundation/same/repo
				rt/b/b.java
				com/mbridge/msdk/foundation/same/repo
				rt/b/d.java
				com/mbridge/msdk/foundation/same/repo
				rt/d.java
				com/mbridge/msdk/foundation/same/repo
				rt/l.java
				com/mbridge/msdk/foundation/tools/ac.ja
				va
				com/mbridge/msdk/foundation/tools/af.ja
				va
				com/mbridge/msdk/mbnative/controller/N
				ativeController.java
				com/mbridge/msdk/mbnative/controller/d.
				java
				com/mbridge/msdk/mbnative/e/b.java com/mbridge/msdk/newreward/function/a
				1
				/a/a.java com/mbridge/msdk/playercommon/exopla
				yer2/DefaultRenderersFactory.java
				com/mbridge/msdk/playercommon/exopla
				yer2/ExoPlayerImpl.java
				com/mbridge/msdk/playercommon/exopla
				yer2/ExoPlayerImplInternal.java
				com/mbridge/msdk/playercommon/exopla
				yer2/MediaPeriodHolder.java
				com/mbridge/msdk/playercommon/exopla
				yer2/SimpleExoPlayer.java
				com/mbridge/msdk/playercommon/exopla
1				commonage/modity player common/exopia

NO	ISSUE	SEVERITY	STANDARDS	yer2/audio/DefaultAudioSink.java PIPES bridge/msdk/playercommon/exopla
				yer2/drm/ClearKeyUtil.java com/mbridge/msdk/playercommon/exopla
				yer2/drm/DefaultDrmSession.java
				com/mbridge/msdk/playercommon/exopla
				yer2/drm/DefaultDrmSessionManager.java
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/mkv/MatroskaExtractor.java
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/mp3/VbriSeeker.java
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/mp3/XingSeeker.java
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/mp4/AtomParsers.java
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/mp4/FragmentedMp4Extrac
				tor.java
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/mp4/MetadataUtil.java
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/mp4/PsshAtomUtil.java
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/mp4/TrackEncryptionBox.ja
				va
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/ogg/VorbisUtil.java
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/ts/AdtsReader.java
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/ts/ld3Reader.java
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/ts/PesReader.java
				com/mbridge/msdk/playercommon/exopla
				yer2/extractor/wav/WavHeaderReader.java
				com/mbridge/msdk/playercommon/exopla
				yer2/mediacodec/MediaCodecInfo.java
				com/mbridge/msdk/playercommon/exopla
				yer2/mediacodec/MediaCodecRenderer.jav
				a
				com/mbridge/msdk/playercommon/exopla

ver2/metadata/d3/d3becoder.java com/mbridge/msdk/player.common/exop yer2/offline/DownloadManager.java com/mbridge/msdk/player.common/exop yer2/offline/DownloadService.java com/mbridge/msdk/player.common/exop yer2/source/chunk/BaseMediaChunkOut t.java com/mbridge/msdk/player.common/exop yer2/source/chunk/ChunkSampleStream, va com/mbridge/msdk/player.common/exop yer2/source/chunk/ChunkGampleStream, va com/mbridge/msdk/player.common/exop yer2/source/chunk/ChunkGampleStream, va com/mbridge/msdk/player.common/exop yer2/text/cea/Cea708Decoder.java com/mbridge/msdk/player.common/exop yer2/text/cea/Cea708Decoder.java com/mbridge/msdk/player.common/exop yer2/text/ca/Ceatutl.java com/mbridge/msdk/player.common/exop yer2/text/sa/ssa/ssaDecoder.java com/mbridge/msdk/player.common/exop yer2/text/sa/ssaDecoder.java com/mbridge/msdk/player.common/exop yer2/text/subrip/SubripDecoder.java com/mbridge/msdk/player.common/exop yer2/text/subrip/SubripDecoder.java com/mbridge/msdk/player.common/exop yer2/text/twb/twb/twb/twb/twb/twb/twb/twb/twb/tw
com/mbridge/msdk/playercommon/exop yer2/upstream/Loader.java com/mbridge/msdk/playercommon/exop

NO	ISSUE	SEVERITY	STANDARDS	com/mbridge/msdk/playercommon/exopla [4] 275 stream/cache/SimpleCache.java
INO	1330L	JLVLIXIII	STANDARDS	com/mbridge/msdk/playercommon/exopla
				yer2/util/AtomicFile.java
				com/mbridge/msdk/playercommon/exopla
				yer2/util/EventLogger.java
				com/mbridge/msdk/playercommon/exopla
				yer2/util/Util.java
				com/mbridge/msdk/playercommon/exopla
				yer2/video/DummySurface.java
				com/mbridge/msdk/playercommon/exopla
				yer2/video/MediaCodecVideoRenderer.java
				com/mbridge/msdk/tracker/b.java
				com/mbridge/msdk/tracker/c.java
				com/mbridge/msdk/tracker/j.java
				com/mbridge/msdk/tracker/k.java
				com/mbridge/msdk/tracker/m.java
				com/mbridge/msdk/tracker/n.java
				com/mbridge/msdk/tracker/network/ae.jav
				a
				com/mbridge/msdk/tracker/p.java
				com/mbridge/msdk/tracker/r.java
				com/mbridge/msdk/tracker/w.java
				com/mbridge/msdk/tracker/y.java
				com/mbridge/msdk/video/module/MBridg
				eBaseView.java
				com/mbridge/msdk/widget/FeedbackRadio
				Group.java
				com/tramini/plugin/a/b.java
				com/tramini/plugin/a/b/c.java
				com/tramini/plugin/a/h/g.java
				io/ktor/client/plugins/logging/SimpleLogge
				r.java
				io/ktor/http/parsing/DebugKt.java
				io/ktor/util/CoroutinesUtilsKt.java
				k/b.java
				org/slf4j/helpers/Util.java
				r/a.java
				r/g.java
				s/d.java
				sg/bigo/ads/common/view/AutoNextLineLi

NO	ISSUE	SEVERITY	STANDARDS	nearLayout.java FILFS
2	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	com/bykv/vk/openvk/component/video/api /ymc/rMN.java com/mbridge/msdk/foundation/download/ core/OkHTTPFileDownloadTask.java com/mbridge/msdk/foundation/download/ resource/MBResourceManager.java com/mbridge/msdk/foundation/tools/ac.ja va com/pgl/ssdk/r.java com/pgl/ssdk/r.java io/ktor/client/plugins/cache/storage/FileCa cheStorage.java sg/bigo/ads/common/utils/m.java
3	IP Address disclosure	warning	CWE: CWE-200: Information Exposure OWASP MASVS: MSTG-CODE-2	com/anythink/expressad/advanced/view/a. java com/anythink/network/applovin/ApplovinA TInitManager.java com/anythink/network/applovin/BuildConf ig.java com/anythink/network/pangle/BuildConfig. java com/anythink/network/pangle/PangleATIni tManager.java com/anythink/network/toutiao/TTATInitMa nager.java com/applovin/impl/af.java com/bytedance/sdk/openadsdk/BuildConfi g.java com/mbridge/msdk/advanced/view/a.java sg/bigo/ads/core/player/a/d.java
				com/adjust/sdk/Constants.java com/anythink/core/api/ATAdConst.java com/anythink/core/common/g/bd.java com/anythink/core/common/s/u.java com/anythink/expressad/foundation/d/t.ja

NO	ISSUE	SEVERITY	STANDARDS	va Full Es nythink/nativead/unitgroup/api/Cust omNativeAd.java
4	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	com/applovin/impl/sdk/AppLovinSdkInitiali zationConfigurationImpl.java com/applovin/mediation/MaxSegment.java com/applovin/mediation/ads/MaxAdView.j ava com/applovin/mediation/ads/MaxAppOpe nAd.java com/applovin/mediation/ads/MaxInterstiti alAd.java com/applovin/mediation/ads/MaxRewarde dAd.java com/applovin/mediation/ads/MaxRewarde dInterstitialAd.java com/applovin/mediation/nativeAds/MaxNa tiveAdLoader.java com/applovin/sdk/AppLovinSdk.java com/applovin/sdk/AppLovinSdkSettings.jav a com/applovin/sdk/AppLovinWebViewActivi ty.java com/applovin/sdk/AppLovinWebViewActivi ty.java com/bykv/vk/openvk/component/video/cfe/rMN/HEx.java com/inmobi/media/C0120c0.java com/inmobi/media/Cb.java com/inmobi/media/Cb.java com/mbridge/msdk/MBridgeConstans.java com/mbridge/msdk/foundation/download/core/DownloadCommon.java com/mbridge/msdk/foundation/download/core/DownloaderReporter.java com/mbridge/msdk/foundation/entity/CampaignEx.java com/mbridge/msdk/newreward/player/MB RewardVideoActivity.java com/mbridge/msdk/newreward/player/im

NO	ISSUE	SEVERITY	STANDARDS	com/mbridge/msdk/newreward/player/im FdleE6CModel.java com/mbridge/msdk/newreward/player/im
				odel/IMoreOfferModel.java com/mbridge/msdk/newreward/player/im odel/IPlayModel.java com/mbridge/msdk/newreward/player/ivie w/IBaseWebView.java com/mbridge/msdk/newreward/player/ivie w/IMetaData.java com/mbridge/msdk/newreward/player/ivie w/IPlayTempleView.java com/mbridge/msdk/newreward/player/mo del/BigTemplateModel.java com/mbridge/msdk/newreward/player/mo del/ECTempleModel.java com/mbridge/msdk/newreward/player/mo del/MoreOfferModel.java com/mbridge/msdk/newreward/player/mo del/PlayTempleModel.java com/mbridge/msdk/newreward/player/mo del/WebTemplateModel.java com/mbridge/msdk/newreward/player/mo del/WebViewECModel.java com/mbridge/msdk/newreward/player/vie w/WebViewTemplate.java com/mbridge/msdk/newreward/player/vie w/WebViewTemplate.java com/mbridge/msdk/newreward/player/vie w/ectemplate/WebViewEC.java com/mbridge/msdk/playercommon/exopla yer2/drm/DefaultDrmSessionManager.java com/mbridge/msdk/video/dynview/moffer /MOfferModel.java io/ktor/client/request/forms/FormPart.java io/ktor/http/HttpHeaders.java io/ktor/http/HttpHeaders.java io/ktor/http/auth/HttpAuthHeader.java sg/bigo/ads/api/AdConfig.java sg/bigo/ads/common/j/a.java
				com/anythink/basead/b/j.java com/anythink/basead/b/j.java

NO	ISSUE	SEVERITY	STANDARDS	com/anythink/basead/exoplayer/h/aa.java Gbt/S nythink/basead/exoplayer/j/a/h.java com/anythink/basead/ui/BaseScreenATVie
5	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	w.java com/anythink/basead/ui/animplayerview/r edpacket/RedPacketView.java com/anythink/basead/ui/animplayerview/r edpacket/a.java com/anythink/core/basead/ui/web/WebLa ndPageActivity.java com/anythink/core/common/c/s.java com/anythink/core/common/s/i.java com/anythink/core/common/s/w.java com/anythink/expressad/advanced/d/d.jav a com/anythink/expressad/mbbanner/a/c/e.j ava com/anythink/expressad/splash/d/d.java com/anythink/expressad/video/bt/module/ AnythinkBTContainer.java com/anythink/expressad/videocommon/e/ d.java com/anythink/expressad/widget/rewardpo pview/ATAcquireRewardPopView.java com/applovin/impl/mq.java com/applovin/impl/mq.java com/applovin/impl/mp.java com/applovin/impl/mp.java com/applovin/impl/yp.java com/bytedance/sdk/component/Hv/eQG/y mc.java com/bytedance/sdk/component/ymc/cfe/y mc/eQG.java com/bytedance/sdk/openadsdk/core/mode l/uK.java com/bytedance/sdk/openadsdk/rMN/uw.ja va com/bytedance/sdk/openadsdk/utils/syZ.ja

NO	ISSUE	SEVERITY	STANDARDS	va FdhÆS mobi/media/C0170f8.java com/inmobi/media/C0203i.java
				com/inmobi/media/N1.java
				com/inmobi/media/O8.java
				com/inmobi/media/X0.java
				com/mbridge/msdk/dycreator/baseview/re
				wardpopview/MBAcquireRewardPopView.j
				ava
				com/mbridge/msdk/playercommon/exopla
				yer2/source/ShuffleOrder.java
				com/mbridge/msdk/playercommon/exopla
				yer2/trackselection/RandomTrackSelection.
				java
				com/mbridge/msdk/playercommon/exopla
				yer2/upstream/cache/CachedContentIndex.
				java
				com/mbridge/msdk/thrid/okhttp/OkHttpCli ent.java
				com/mbridge/msdk/thrid/okhttp/internal/
				ws/RealWebSocket.java
				com/mbridge/msdk/thrid/okhttp/internal/
				ws/WebSocketWriter.java
				com/tramini/plugin/a/g/a.java
				sg/bigo/ads/ad/interstitial/multi_img/view/l
				conListView.java
				sg/bigo/ads/common/utils/k.java
				sg/bigo/ads/common/utils/m.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
6	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	com/anythink/basead/c/c.java com/anythink/core/common/d/c.java com/anythink/expressad/foundation/c/c.ja va com/apm/insight/e/b/a.java com/apm/insight/e/b/b.java com/bykv/vk/openvk/component/video/cfe /rMN/rMN/jiP.java com/bykv/vk/openvk/preload/geckox/a/b.j ava com/bytedance/sdk/component/ymc/cfe/cf e/cfe/jiP.java com/bytedance/sdk/component/ymc/cfe/cf e/cfe/rMN.java com/bytedance/sdk/openadsdk/DL/rMN.ja va com/bytedance/sdk/openadsdk/core/ymc.j ava com/bytedance/sdk/openadsdk/core/ymc.j ava com/bytedance/sdk/openadsdk/uwx/cfe/cf e.java com/mbridge/msdk/foundation/db/BatchR eportDao.java com/mbridge/msdk/foundation/db/b.java com/mbridge/msdk/foundation/db/c.java com/mbridge/msdk/foundation/db/e.java com/mbridge/msdk/foundation/db/g.java com/mbridge/msdk/foundation/db/g.java com/mbridge/msdk/foundation/db/g.java com/mbridge/msdk/foundation/download/ database/DatabaseHelper.java com/mbridge/msdk/newreward/function/d /c.java com/mbridge/msdk/tracker/b.java sg/bigo/ads/common/g/a/b.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
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	com/bytedance/sdk/component/jiP/cfe.jav a sg/bigo/ads/common/utils/o.java
8	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/anythink/core/common/c/s.java com/anythink/core/common/s/p.java com/anythink/expressad/foundation/g/a.ja va com/anythink/expressad/foundation/h/t.ja va com/apm/insight/entity/d.java com/apm/insight/l/v.java com/apm/insight/lv.java com/bytedance/sdk/openadsdk/utils/syZ.ja va com/inmobi/media/C0109b3.java com/mbridge/msdk/foundation/same/repo rt/b/d.java com/mbridge/msdk/foundation/tools/ai.ja va com/pgl/ssdk/ces/c.java sg/bigo/ads/common/utils/p.java sg/bigo/ads/core/mraid/h.java
9	This App may have root detection capabilities.	secure	OWASP MASVS: MSTG-RESILIENCE-1	com/anythink/core/common/s/o.java com/apm/insight/nativecrash/c.java com/bytedance/sdk/openadsdk/rMN/cfe/e QG.java com/bytedance/sdk/openadsdk/utils/syZ.ja va

NO	ISSUE	SEVERITY	STANDARDS	FILES
10	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/bytedance/sdk/openadsdk/common/S Y.java sg/bigo/ads/common/utils/c.java
11	The file or SharedPreference is World Writable. Any App can write to the file	high	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	com/anythink/core/common/s/x.java com/bytedance/sdk/component/Hv/eQG/y mc.java com/mbridge/msdk/mbbid/common/b.jav a
12	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/bytedance/sdk/component/adexpress /JHs/JHs.java com/bytedance/sdk/component/widget/SS WebView.java com/inmobi/media/S9.java
13	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	com/applovin/impl/sdk/utils/StringUtils.jav a com/applovin/impl/vi.java com/pgl/ssdk/r.java io/ktor/util/CryptoKtCryptoJvmKt.java io/ktor/util/NonceKt\$nonceGeneratorJob\$1 .java
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	com/example/heartentry/data/RemoteConf ig.java com/inmobi/media/AbstractC0366u3.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
15	This App uses SSL certificate pinning to detect or prevent MITM attacks in secure communication channel.	secure	OWASP MASVS: MSTG-NETWORK-4	com/inmobi/media/C0255l9.java com/inmobi/media/C0814l9.java com/mbridge/msdk/thrid/okhttp/internal/ Util.java
16	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	com/anythink/basead/exoplayer/k/af.java com/mbridge/msdk/playercommon/exopla yer2/util/Util.java
17	Remote WebView debugging is enabled.	high	CWE: CWE-919: Weaknesses in Mobile Applications OWASP Top 10: M1: Improper Platform Usage OWASP MASVS: MSTG-RESILIENCE-2	com/applovin/impl/adview/AppLovinWebVi ewBase.java com/applovin/impl/adview/l.java

■ NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION

BEHAVIOUR ANALYSIS

RULE ID	BEHAVIOUR	LABEL	FILES
00015	Put buffer stream (data) to JSON object	file	com/anythink/core/common/l/a.java com/tramini/plugin/a/e/a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00096	Connect to a URL and set request method	command network	com/anythink/basead/e/e/a/a.java com/anythink/basead/e/e/a/a.java com/anythink/basead/exoplayer/j/p.java com/anythink/core/common/l/a.java com/anythink/expressad/b/c.java com/anythink/expressad/b/f.java com/anythink/expressad/foundation/g/f/e/b.java com/anythink/expressad/foundation/g/f/e/b.java com/apyhinsight/k/e.java com/apm/insight/k/j.java com/applovin/impl/d6.java com/applovin/impl/eg.java com/applovin/impl/ma.java com/applovin/impl/ma.java com/bytedance/sdk/component/JHs/rMN/cfe.java com/bytedance/sdk/component/rMN/cfe/cfe/cfe/rMN.java com/bytedance/sdk/component/rMN/cfe/cfe/cfe/rMN.java com/bytedance/sdk/openadsdk/CS/eQG.java com/bytedance/sdk/openadsdk/CS/eQG.java com/inmobi/media/C8.java com/inmobi/media/X0.java com/mbridge/msdk/click/h.java com/mbridge/msdk/click/h.java com/mbridge/msdk/rlacker/network/toolbox/h.java com/mbridge/msdk/tracker/network/toolbox/h.java com/pgl/ssdk/G.java com/tramini/plugin/a/e/a.java sg/bigo/ads/common/u/a/c.java
00123	Save the response to JSON after connecting to the remote server	network command	com/anythink/basead/e/e/a/a.java com/anythink/core/common/l/a.java com/tramini/plugin/a/e/a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00089	Connect to a URL and receive input stream from the server	command network	com/anythink/basead/e/e/a/a.java com/anythink/basead/exoplayer/j/p.java com/anythink/basead/i/a.java com/anythink/core/common/l/a.java com/anythink/core/common/res/image/b.java com/anythink/expressad/b/f.java com/anythink/expressad/b/f.java com/anythink/expressad/ideocommon/b/g.java com/anythink/expressad/videocommon/b/g.java com/apm/insight/k/e.java com/apm/insight/k/j.java com/applovin/impl/d6.java com/applovin/impl/sdk/l.java com/applovin/impl/sdk/l.java com/bytedance/sdk/component/JHs/rMN/cfe.java com/bytedance/sdk/component/JHs/rMN/cfe.java com/inmobi/media/C8.java com/inmobi/media/C8.java com/inmobi/media/X0.java com/mbridge/msdk/click/h.java com/mbridge/msdk/foundation/download/download/DownLoadUtils.java com/mbridge/msdk/foundation/download/download/DownLoadUtils.java com/mbridge/msdk/foundation/download/download/DownLoadUtils.java com/mbridge/msdk/foundation/download/download/DownLoadUtils.java com/mbridge/msdk/foundation/download/download/DownLoadUtils.java com/mbridge/msdk/fracker/network/toolbox/h.java com/mbridge/msdk/tracker/network/toolbox/h.java com/pgl/ssdk/G.java com/tramini/plugin/a/e/a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00163	Create new Socket and connecting to it	socket	com/adjust/sdk/network/ActivityPackageSender.java com/anythink/basead/i/a.java com/anythink/core/common/l/a.java com/anythink/core/common/l/b/d.java com/anythink/core/common/res/image/b.java com/inmobi/media/X0.java com/mbridge/msdk/thrid/okhttp/OkHttpClient.java com/mbridge/msdk/thrid/okhttp/internal/connection/StreamAllocation.java com/mbridge/msdk/thrid/okhttp/internal/platform/AndroidPlatform.java com/mbridge/msdk/thrid/okhttp/internal/platform/Platform.java com/mbridge/msdk/thrid/okhttp/internal/platform/Platform.java com/mbridge/msdk/thrid/okhttp/internal/platform/Platform.java
00030	Connect to the remote server through the given URL	network	com/adjust/sdk/AdjustLinkResolution.java com/anythink/basead/b/c.java com/anythink/basead/e/e/a/a.java com/anythink/basead/exoplayer/j/p.java com/anythink/basead/i/a.java com/anythink/core/common/l/a.java com/anythink/core/common/res/image/b.java com/anythink/expressad/b/c.java com/anythink/expressad/b/f.java com/anythink/expressad/b/f.java com/applovin/impl/d6.java com/bytedance/adsdk/lottie/jiP/rMN.java com/bytedance/sdk/component/JHs/rMN/cfe.java com/bytedance/sdk/component/rMN/cfe/cfe/cfe/rMN.java com/bytedance/sdk/component/rMN/cfe/cfe/cfe/rMN.java com/mbridge/msdk/click/h.java com/mbridge/msdk/click/h.java com/mbridge/msdk/playercommon/exoplayer2/upstream/DefaultHttpDataSou rce.java com/pgl/ssdk/G.java com/tramini/plugin/a/e/a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00109	Connect to a URL and get the response code	network command	com/anythink/basead/b/c.java com/anythink/basead/e/a/a.java com/anythink/basead/e/a/a.java com/anythink/basead/i/a.java com/anythink/core/common/l/a.java com/anythink/core/common/l/a.java com/anythink/core/common/res/image/b.java com/anythink/expressad/b/c.java com/anythink/expressad/b/f.java com/anythink/expressad/foundation/g/f/e/b.java com/anythink/expressad/videocommon/b/g.java com/apm/insight/k/e.java com/apm/insight/k/j.java com/applovin/impl/d6.java com/applovin/impl/d6.java com/applovin/impl/ma.java com/applovin/impl/ma.java com/applovin/impl/sdk/l.java com/bytedance/sdk/component/rMN/cfe/cfe/cfe/rfe/rMN.java com/bytedance/sdk/openadsdk/CS/eQG.java com/bytedance/sdk/openadsdk/CS/eQG.java com/inmobi/media/C8.java com/inmobi/media/X0.java com/mbridge/msdk/foundation/download/download/DownLoadUtils.java com/mbridge/msdk/foundation/download/download/DownLoadUtils.java com/mbridge/msdk/newreward/player/redirect/UrlReDirectController.java com/mbridge/msdk/playercommon/exoplayer2/upstream/DefaultHttpDataSou rce.java com/mbridge/msdk/tracker/network/toolbox/h.java com/pgl/ssdk/G.java com/pgl/ssdk/G.java com/tramini/plugin/a/e/a.java sg/bigo/ads/core/player/a/g.java

RULE ID	BEHAVIOUR	LABEL	FILES
00094	Connect to a URL and read data from it	command network	com/anythink/basead/exoplayer/j/p.java com/anythink/basead/i/a.java com/anythink/core/common/l/a.java com/anythink/expressad/videocommon/b/g.java com/apm/insight/k/e.java com/apm/insight/k/j.java com/applovin/impl/d6.java com/applovin/impl/sdk/l.java com/applovin/impl/sdk/l.java com/bytedance/sdk/component/JHs/rMN/cfe.java com/bytedance/sdk/component/JHs/rMN/cfe.java com/inmobi/media/X0.java com/mbridge/msdk/foundation/download/download/DownLoadUtils.java com/mbridge/msdk/playercommon/exoplayer2/upstream/DefaultHttpDataSou rce.java com/pgl/ssdk/G.java com/tramini/plugin/a/e/a.java sg/bigo/ads/core/player/a/g.java
00108	Read the input stream from given URL	network command	com/anythink/basead/exoplayer/j/p.java com/anythink/basead/i/a.java com/anythink/core/common/l/a.java com/anythink/expressad/videocommon/b/g.java com/apm/insight/k/e.java com/apm/insight/k/j.java com/applovin/impl/d6.java com/applovin/impl/sdk/l.java com/applovin/impl/sdk/l.java com/bytedance/sdk/component/JHs/rMN/cfe.java com/bytedance/sdk/component/rMN/cfe/cfe/cfe/SY.java com/bytedance/sdk/component/rMN/cfe/cfe/cfe/SY.java com/inmobi/media/K8.java com/inmobi/media/X0.java com/mbridge/msdk/foundation/download/download/DownLoadUtils.java com/mbridge/msdk/playercommon/exoplayer2/upstream/DefaultHttpDataSou rce.java com/pgl/ssdk/G.java com/tramini/plugin/a/e/a.java

RULE			com/adjust/sdk/PreinstallUtil.java
	BEHAVIOUR	LABEL	com/anythink/basead/b/f.java FILES com/anythink/basead/exoplayer/j/e.java
ID			
			com/anythink/basead/exoplayer/j/y.java
			com/anythink/basead/exoplayer/k/b.java
			com/anythink/core/common/m/a.java
			com/anythink/core/common/res/a.java
			com/anythink/core/common/res/b.java
			com/anythink/core/common/res/d.java
			com/anythink/core/common/s/p.java
			com/anythink/expressad/advanced/view/a.java
			com/anythink/expressad/foundation/g/f/c/b.java
			com/anythink/expressad/foundation/h/o.java
			com/anythink/expressad/foundation/h/p.java
			com/apm/insight/k/j.java
			com/apm/insight/l/a.java
			com/apm/insight/l/d.java
			com/apm/insight/l/h.java
			com/applovin/impl/li.java
			com/applovin/impl/s4.java
			com/applovin/impl/sdk/l.java
			com/bykv/vk/openvk/component/video/cfe/jiP/jiP.java
			com/bykv/vk/openvk/preload/geckox/f/a/c.java
			com/bytedance/adsdk/lottie/jiP/Hv.java
			com/bytedance/adsdk/lottie/jiP/SY.java
			com/bytedance/sdk/component/JHs/eQG/cfe/cfe/cfe.java
			com/bytedance/sdk/component/adexpress/cfe/rMN/SY.java
			com/bytedance/sdk/component/adexpress/cfe/rMN/rMN.java
00013	Read file and put it into a stream	file	com/bytedance/sdk/component/rMN.java
			com/bytedance/sdk/component/utils/JHs.java
			com/bytedance/sdk/component/utils/ymc.java
			com/bytedance/sdk/openadsdk/core/settings/oLK.java
			com/bytedance/sdk/openadsdk/core/video/rMN/cfe.java
			com/bytedance/sdk/openadsdk/utils/fxp.java
			com/inmobi/media/C0207i3.java
			com/inmobi/media/C0766i3.java
			com/inmobi/media/Q3.java
			com/inmobi/media/Ua.java
			com/mbridge/msdk/advanced/view/a.java
			com/mbridge/msdk/dycreator/a/a.java
1	1	1	1

RULE ID	BEHAVIOUR	LABEL	com/mbridge/msdk/foundation/tools/ad.java com/mbridge/msdk/foundation/tools/ak.java FILES com/mbridge/msdk/newreward/function/h/c.java com/mbridge/msdk/playercommon/exoplayer2/upstream/ContentDataSource.
			java com/mbridge/msdk/playercommon/exoplayer2/upstream/RawResourceDataS ource.java com/mbridge/msdk/playercommon/exoplayer2/util/AtomicFile.java com/mbridge/msdk/thrid/okio/Okio.java com/pgl/ssdk/r.java io/ktor/client/plugins/cache/storage/FileCacheStorage.java okio/OkioJvmOkioKt.java sg/bigo/ads/common/aa/a.java sg/bigo/ads/common/h/d.java sg/bigo/ads/common/utils/f.java sg/bigo/ads/common/utils/g.java sg/bigo/ads/common/z/a.java
00012	Read data and put it into a buffer stream	file	com/anythink/core/common/res/a.java io/ktor/client/plugins/cache/storage/FileCacheStorage.java

RULE ID	BEHAVIOUR	LABEL	FILES
00004	Get filename and put it to JSON object	file collection	com/anythink/core/common/c/s.java com/anythink/expressad/foundation/g/f/h/b.java com/apm/insight/b/b.java com/apm/insight/entity/b.java com/apm/insight/k/b.java com/apm/insight/k/b.java com/apm/insight/k/d.java com/apm/insight/l/i.java com/apm/insight/l/i.java com/apm/insight/l/i.java com/apm/insight/l/i.java com/apm/insight/nativecrash/b.java com/apm/insight/nativecrash/c.java com/apm/insight/runtime/s.java com/bytedance/sdk/openadsdk/component/reward/jiP.java com/bytedance/sdk/openadsdk/component/reward/uw.java com/bytedance/sdk/openadsdk/core/settings/VuF.java com/bytedance/sdk/openadsdk/core/settings/eQG.java com/bytedance/sdk/openadsdk/core/video/rMN/cfe.java com/bytedance/sdk/openadsdk/core/video/rMN/cfe.java com/bytedance/sdk/openadsdk/uw/eQG.java com/bytedance/sdk/openadsdk/uw/eQG.java com/bytedance/sdk/r.java com/pgl/ssdk/r.java
			com/anythink/core/common/r/d.java com/anythink/core/common/res/d.java com/anythink/core/common/s/p.java com/anythink/core/common/s/s.java com/anythink/expressad/advanced/c/b.java com/anythink/expressad/advanced/c/d.java com/anythink/expressad/c/a.java com/anythink/expressad/foundation/g/c/d.java com/anythink/expressad/foundation/g/f/d/a.java com/anythink/expressad/foundation/h/p.java com/anythink/expressad/foundation/h/t.java com/anythink/expressad/foundation/h/t.java

			com/anythink/expressad/mbbanner/a/d/b.java
RULE			
ID	BEHAVIOUR	LABEL	com/anythink/expressad/reward/a/d.java FILES com/anythink/expressad/splash/c/d.java
טו			com/anythink/expressad/splash/c/e.java
			com/apm/insight/b/b.java
			com/apm/insight/g/a.java
			com/apm/insight/h/b.java
			com/apm/insight/h/c.java
			com/apm/insight/k/b.java
			com/apm/insight/l/f.java
			com/apm/insight/l/h.java
			com/apm/insight/l/n.java
			com/apm/insight/nativecrash/NativeImpl.java
			com/apm/insight/nativecrash/a.java
			com/apm/insight/nativecrash/b.java
			com/apm/insight/nativecrash/c.java
			com/apm/insight/nativecrash/d.java
			com/apm/insight/runtime/h.java
			com/apm/insight/runtime/k.java
			com/apm/insight/runtime/s.java
			com/applovin/impl/bm.java
			com/applovin/impl/sdk/NativeCrashReporter.java
			com/applovin/impl/sdk/l.java
			com/bykv/vk/openvk/component/video/api/eQG.java
			com/bykv/vk/openvk/component/video/cfe/cfe/cfe/cfe.java
			com/bykv/vk/openvk/component/video/cfe/jiP/jiP.java
			com/bykv/vk/openvk/component/video/cfe/rMN/cfe/eQG.java
			com/bykv/vk/openvk/preload/falconx/loader/a.java
			com/bykv/vk/openvk/preload/geckox/a/a/e.java
			com/bykv/vk/openvk/preload/geckox/a/c.java
			com/bykv/vk/openvk/preload/geckox/buffer/a/a.java
			com/bykv/vk/openvk/preload/geckox/buffer/a/b.java
			com/bykv/vk/openvk/preload/geckox/buffer/a/c.java
			com/bykv/vk/openvk/preload/geckox/d/a/a/c.java
	Open a file from given absolute path		com/bykv/vk/openvk/preload/geckox/d/a/b/d.java
00022	of the file	file	com/bykv/vk/openvk/preload/geckox/d/a/b/e.java
			com/bykv/vk/openvk/preload/geckox/d/b/a/c.java
			com/bykv/vk/openvk/preload/geckox/d/b/a/d.java
			com/bykv/vk/openvk/preload/geckox/d/b/b/e.java
			com/bykv/vk/openvk/preload/geckox/d/b/b/f.java
1			

			com/bykv/vk/openvk/preload/geckox/d/c.java
RULE	_		
	BEHAVIOUR	LABEL	com/bykv/vk/openvk/preload/geckox/f/a.java FILES com/bykv/vk/openvk/preload/geckox/f/a/c.java
ID			com/bykv/vk/openvk/preload/geckox/f/b.java
			com/bykv/vk/openvk/preload/geckox/g/c.java
			com/bykv/vk/openvk/preload/geckox/utils/BsPatch.java
			com/bykv/vk/openvk/preload/geckox/utils/c.java
			com/bytedance/adsdk/lottie/Hv.java
			com/bytedance/adsdk/lottie/jiP/Hv.java
			com/bytedance/adsdk/lottie/jiP/SY.java
			com/bytedance/sdk/component/adexpress/cfe/rMN/eQG.java
			com/bytedance/sdk/component/rMN.java
			com/bytedance/sdk/component/utils/ymc.java
			com/bytedance/sdk/openadsdk/CacheDirFactory.java
			com/bytedance/sdk/openadsdk/component/Hv/cfe.java
			com/bytedance/sdk/openadsdk/component/reward/jiP.java
			com/bytedance/sdk/openadsdk/component/reward/uw.java
			com/bytedance/sdk/openadsdk/component/ymc.java
			com/bytedance/sdk/openadsdk/core/settings/oLK.java
			com/bytedance/sdk/openadsdk/core/video/rMN/cfe.java
			com/bytedance/sdk/openadsdk/multipro/eQG.java
			com/bytedance/sdk/openadsdk/rMN/jiP/cfe/cfe.java
			com/inmobi/media/X0.java
			com/mbridge/msdk/advanced/a/d.java
			com/mbridge/msdk/foundation/download/resource/MBResourceManager.java
			com/mbridge/msdk/foundation/download/utils/Objects.java
			com/mbridge/msdk/foundation/same/b/e.java
			com/mbridge/msdk/foundation/tools/ai.java
			com/mbridge/msdk/foundation/tools/aj.java
			com/mbridge/msdk/mbbanner/common/c/b.java
			com/mbridge/msdk/newreward/function/c/c/w.java
			com/mbridge/msdk/newreward/function/command/receiver/showreceiver/h.j
			ava
			com/mbridge/msdk/newreward/function/command/receiver/showreceiver/i.ja
			va com/mbridge/msdk/newreward/player/presenter/PlayTemplePresenter.java
			com/mbridge/msdk/newreward/player/presenter/PlayWebPresenter.java
			com/mbridge/msdk/reward/adapter/c.java
			com/mbridge/msdk/splash/c/d.java
			com/mbridge/msdk/video/module/a/a/o.java
			com/mbridge/msuk/video/module/a/a/o.java

RULE	BEHAVIOUR	LABEL	com/pgl/ssdk/B.java com/pgl/ssdk/K.java sg/bigo/ads/ad/b/d.java
00005	Get absolute path of file and put it to JSON object	file	com/apm/insight/k/b.java com/apm/insight/l/h.java com/apm/insight/nativecrash/b.java com/apm/insight/nativecrash/b.java com/apm/insight/nativecrash/c.java com/apm/insight/runtime/s.java com/bytedance/sdk/openadsdk/component/Hv/cfe.java com/bytedance/sdk/openadsdk/component/reward/jiP.java com/bytedance/sdk/openadsdk/component/reward/uw.java com/bytedance/sdk/openadsdk/component/ymc.java com/bytedance/sdk/openadsdk/core/video/rMN/cfe.java com/bytedance/sdk/openadsdk/rMN/jiP/cfe/cfe.java com/bytedance/sdk/openadsdk/rMN/jiP/cfe/cfe.java com/bytedance/sdk/openadsdk/rMN/jiP/cfe/cfe.java com/mbridge/msdk/newreward/player/presenter/PlayWebPresenter.java com/mbridge/msdk/reward/adapter/c.java com/pgl/ssdk/K.java
00125	Check if the given file path exist	file	com/anythink/expressad/advanced/c/b.java com/anythink/expressad/mbbanner/a/a/c.java com/anythink/expressad/splash/c/e.java com/mbridge/msdk/advanced/a/b.java com/mbridge/msdk/mbbanner/common/communication/a.java com/mbridge/msdk/reward/adapter/c.java com/mbridge/msdk/splash/c/e.java
00016	Get location info of the device and put it to JSON object	location collection	com/anythink/core/common/l/d.java com/inmobi/sdk/lnMobiSdk.java
00009	Put data in cursor to JSON object	file	com/mbridge/msdk/foundation/db/c.java com/mbridge/msdk/foundation/db/k.java com/mbridge/msdk/foundation/tools/MIMManager.java com/mbridge/msdk/newreward/function/d/a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00078	Get the network operator name	collection telephony	com/apm/insight/entity/Header.java com/applovin/impl/sdk/k.java com/inmobi/media/C0109b3.java com/inmobi/media/O8.java
00191	Get messages in the SMS inbox	sms	com/adjust/sdk/DeviceInfo.java com/anythink/core/common/n.java com/bytedance/sdk/openadsdk/multipro/cfe/cfe.java com/mbridge/msdk/foundation/tools/MIMManager.java
			com/adjust/sdk/ActivityHandler.java com/adjust/sdk/PreinstallUtil.java com/anythink/basead/mraid/MraidBaseWebView.java com/anythink/basead/ui/animplayerview/WebLandpagePlayerView.java com/anythink/core/activity/component/PrivacyPolicyView.java com/anythink/core/basead/a/c.java com/anythink/core/basead/ui/web/WebLandPageActivity.java com/anythink/core/common/s/r.java com/anythink/core/common/s/r.java com/anythink/expressad/advanced/js/NativeAdvancedExpandDialog.java com/anythink/expressad/atsignalcommon/commonwebview/CommonWebVie w.java com/anythink/expressad/atsignalcommon/windvane/WindVaneWebView.java com/anythink/expressad/foundation/h/u.java com/anythink/expressad/mbbanner/a/a/b.java com/anythink/expressad/mbbanner/a/a/c.java com/anythink/expressad/mbbanner/view/a.java com/anythink/expressad/mbbanner/view/a.java com/anythink/expressad/splash/js/SplashExpandDialog.java com/applovin/impl/adview/c.java com/applovin/impl/tp.java com/applovin/impl/tp.java com/applovin/impl/y4.java com/applovin/impl/y4.java com/bytedance/sdk/openadsdk/core/Dxf.java com/bytedance/sdk/openadsdk/core/Dxf.java

RULE ID	BEHAVIOUR	LABEL	com/bytedance/sdk/openadsdk/core/act/cfe.java com/bytedance/sdk/openadsdk/core/widget/cfe/JHs.java FILES com/bytedance/sdk/openadsdk/oLK/cfe/cfe/cfe.java com/bytedance/sdk/openadsdk/oLK/cfe/cfe/eQG.java
00063	Implicit intent(view a web page, make a phone call, etc.)	control	com/bytedance/sdk/openadsdk/oLK/cfe/cfe/rMN.java com/bytedance/sdk/openadsdk/utils/DL.java com/bytedance/sdk/openadsdk/utils/DeviceUtils.java com/bytedance/sdk/openadsdk/utils/syZ.java com/bytedance/sdk/openadsdk/utils/syZ.java com/inmobi/media/AbstractC0094a2.java com/inmobi/media/AbstractC065a2.java com/inmobi/media/DS.java com/inmobi/media/PO.java com/inmobi/media/PO.java com/inmobi/media/PO.java com/mbridge/msdk/activity/DomainMBCommonActivity.java com/mbridge/msdk/advanced/signal/NativeAdvancedExpandDialog.java com/mbridge/msdk/foundation/tools/MIMManager.java com/mbridge/msdk/foundation/tools/MIMManager.java com/mbridge/msdk/foundation/tools/aj.java com/mbridge/msdk/foundation/webview/a.java com/mbridge/msdk/mbbanner/common/communication/BannerExpandDialog .java com/mbridge/msdk/mbbanner/common/communication/a.java com/mbridge/msdk/mbbanner/view/a.java com/mbridge/msdk/mbbanner/view/a.java com/mbridge/msdk/mbsignalcommon/commonwebview/CommonWebView.ja va com/mbridge/msdk/newreward/player/model/BaseWebContentModel.java com/mbridge/msdk/splash/signal/SplashExpandDialog.java com/mbridge/msdk/video/module/a/a/a.java sg/bigo/ads/a/b.java sg/bigo/ads/a/b.java sg/bigo/ads/a/b.java sg/bigo/ads/core/landing/d.java sg/bigo/ads/core/landing/d.java sg/bigo/ads/core/landing/a.java sg/bigo/ads/core/mraid/e.java sg/bigo/ads/core/mraid/e.java sg/bigo/ads/core/mraid/h.java

RULE ID	BEHAVIOUR	LABEL	FILES
00051	Implicit intent(view a web page, make a phone call, etc.) via setData	control	com/anythink/core/activity/component/PrivacyPolicyView.java com/anythink/core/basead/a/c.java com/bytedance/sdk/openadsdk/VfJ/eQG.java com/bytedance/sdk/openadsdk/activity/TTWebsiteActivity.java com/bytedance/sdk/openadsdk/common/Hv.java com/bytedance/sdk/openadsdk/core/Dxf.java com/bytedance/sdk/openadsdk/core/widget/cfe/JHs.java com/bytedance/sdk/openadsdk/oLK/cfe/cfe/cfe.java com/bytedance/sdk/openadsdk/oLK/cfe/cfe/eQG.java com/bytedance/sdk/openadsdk/oLK/cfe/cfe/rMN.java com/bytedance/sdk/openadsdk/utils/DL.java com/bytedance/sdk/openadsdk/utils/DL.java com/inmobi/media/AbstractC0094a2.java com/inmobi/media/AbstractC0653a2.java com/mbridge/msdk/click/c.java com/mbridge/msdk/foundation/tools/aj.java com/mbridge/msdk/video/module/a/a/a.java sg/bigo/ads/core/mraid/h.java
00028	Read file from assets directory	file	com/anythink/basead/exoplayer/j/c.java com/applovin/impl/C0208c1.java com/applovin/impl/C0546c1.java com/mbridge/msdk/playercommon/exoplayer2/upstream/AssetDataSource.jav a
00091	Retrieve data from broadcast	collection	com/anythink/core/common/n.java com/mbridge/msdk/foundation/tools/MIMManager.java
00001	Initialize bitmap object and compress data (e.g. JPEG) into bitmap object	camera	com/bytedance/sdk/component/utils/jiP.java com/inmobi/media/Sa.java

RULE ID	BEHAVIOUR	LABEL	FILES
00036	Get resource file from res/raw directory	reflection	com/adjust/sdk/ActivityHandler.java com/adjust/sdk/DeviceInfo.java com/anythink/expressad/foundation/h/v.java com/applovin/impl/h4.java com/applovin/impl/sdk/AppLovinAdServiceImpl.java com/applovin/impl/y4.java com/applovin/impl/y4.java com/bytedance/sdk/openadsdk/utils/syZ.java com/mbridge/msdk/foundation/tools/MIMManager.java com/mbridge/msdk/foundation/tools/ak.java com/mbridge/msdk/mbbanner/common/c/b.java com/mbridge/msdk/splash/c/e.java
00014	Read file into a stream and put it into a JSON object	file	com/apm/insight/l/a.java com/apm/insight/l/h.java com/bytedance/sdk/openadsdk/core/video/rMN/cfe.java com/mbridge/msdk/foundation/tools/ad.java com/mbridge/msdk/foundation/tools/ak.java com/mbridge/msdk/newreward/function/h/c.java com/pgl/ssdk/r.java
00025	Monitor the general action to be performed	reflection	com/inmobi/media/S9.java
00162	Create InetSocketAddress object and connecting to it	socket	com/anythink/core/common/l/b/d.java com/mbridge/msdk/thrid/okhttp/internal/platform/AndroidPlatform.java com/mbridge/msdk/thrid/okhttp/internal/platform/Platform.java
00202	Make a phone call	control	sg/bigo/ads/core/mraid/h.java
00203	Put a phone number into an intent	control	sg/bigo/ads/core/mraid/h.java

RULE ID	BEHAVIOUR	LABEL	FILES
00153	Send binary data over HTTP	http	com/anythink/expressad/foundation/g/f/e/b.java com/apm/insight/k/e.java com/mbridge/msdk/tracker/network/toolbox/h.java
00034	Query the current data network type	collection network	com/anythink/core/common/s/f.java com/anythink/expressad/advanced/a/d.java com/anythink/expressad/foundation/h/n.java com/apm/insight/l/o.java com/bykv/vk/openvk/preload/geckox/utils/h.java com/inmobi/media/L1.java com/mbridge/msdk/advanced/common/NetWorkStateReceiver.java com/mbridge/msdk/foundation/tools/ab.java
00072	Write HTTP input stream into a file	command network file	com/applovin/impl/sdk/l.java com/inmobi/media/X0.java
00132	Query The ISO country code	telephony collection	com/applovin/impl/xp.java com/inmobi/media/L1.java sg/bigo/ads/common/aa/b.java
00003	Put the compressed bitmap data into JSON object	camera	com/inmobi/media/C0342s5.java
00024	Write file after Base64 decoding	reflection file	com/bytedance/adsdk/lottie/Hv.java
00189	Get the content of a SMS message	sms	com/adjust/sdk/DeviceInfo.java
00188	Get the address of a SMS message	sms	com/adjust/sdk/DeviceInfo.java
00011	Query data from URI (SMS, CALLLOGS)	sms calllog collection	com/adjust/sdk/DeviceInfo.java

RULE ID	BEHAVIOUR	LABEL	FILES
00200	Query data from the contact list	collection contact	com/adjust/sdk/DeviceInfo.java
00201	Query data from the call log	collection calllog	com/adjust/sdk/DeviceInfo.java
00077	Read sensitive data(SMS, CALLLOG, etc)	collection sms calllog calendar	com/adjust/sdk/DeviceInfo.java
00147	Get the time of current location	collection location	com/inmobi/media/P5.java
00075	Get location of the device	collection location	com/inmobi/media/P5.java
00137	Get last known location of the device	location collection	com/inmobi/media/P5.java
00115	Get last known location of the device	collection location	com/inmobi/media/P5.java
00065	Get the country code of the SIM card provider	collection	com/applovin/impl/sdk/k.java sg/bigo/ads/common/aa/b.java
00130	Get the current WIFI information	wifi collection	com/inmobi/media/D.java
00134	Get the current WiFi IP address	wifi collection	com/inmobi/media/D.java
00076	Get the current WiFi information and put it into JSON	collection wifi	com/inmobi/media/D.java



TITLE	SEVERITY	DESCRIPTION
Firebase Remote Config enabled	warning	The Firebase Remote Config at https://firebaseremoteconfig.googleapis.com/v1/projects/1010048118574/namespaces/firebase:fetch? key=AlzaSyBF0TSyAiuHcaHQ6q88ggBoDbQj6o3j34M is enabled. Ensure that the configurations are not sensitive. This is indicated by the response: {'entries': {'he_config_url': 'https://prod.tednoy.com/sehbo/tune/kp/', 'wja_dax05_poialy': 'false', 'wja_dax06_poialy': 'false', 'wja_dax07_poialy': 'false'}, 'state': 'UPDATE', 'templateVersion': '1'}

***: ::** ABUSED PERMISSIONS

ТҮРЕ	MATCHES	PERMISSIONS
Malware Permissions	5/25	android.permission.INTERNET, android.permission.ACCESS_NETWORK_STATE, android.permission.ACCESS_WIFI_STATE, android.permission.WAKE_LOCK, android.permission.RECEIVE_BOOT_COMPLETED
Other Common Permissions	4/44	android.permission.FOREGROUND_SERVICE, com.google.android.gms.permission.AD_ID, com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE, com.google.android.c2dm.permission.RECEIVE

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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DOMAIN	COUNTRY/REGION		
www.adsbigo.com	IP: 169.136.79.34 Country: Hong Kong Region: Hong Kong City: Hong Kong		
pitk.unioneeu.com	IP: 47.236.143.98 Country: Hong Kong Region: Hong Kong City: Hong Kong		
ssapi.mosspf.com	IP: 47.236.49.234 Country: Hong Kong Region: Hong Kong City: Hong Kong		

Q DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
www.adsbigo.com	ok	IP: 169.136.79.34 Country: Hong Kong Region: Hong Kong City: Hong Kong Latitude: 22.285521 Longitude: 114.157692 View: Google Map

DOMAIN	STATUS	GEOLOCATION
a.applvn.com	ok	IP: 34.117.147.68 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
app.adjust.com	ok	IP: 185.151.204.15 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
mores.toponad.com	ok	IP: 18.238.109.101 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
monetization-support.applovin.com	ok	IP: 34.110.151.135 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
pitk.unioneeu.com	ok	IP: 47.236.143.98 Country: Hong Kong Region: Hong Kong City: Hong Kong Latitude: 22.285521 Longitude: 114.157692 View: Google Map
gdpr.adjust.com	ok	IP: 185.151.204.50 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
sts.applovin.com	ok	IP: 34.111.80.193 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
assets.applovin.com	ok	IP: 34.120.175.182 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map

DOMAIN	STATUS	GEOLOCATION
ms.applvn.com	ok	IP: 34.102.162.219 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
sf16-static.i18n-pglstatp.com	ok	IP: 23.220.73.53 Country: Colombia Region: Antioquia City: Medellin Latitude: 6.251840 Longitude: -75.563591 View: Google Map
mraid.bigo.sg	ok	No Geolocation information available.
youtrack.jetbrains.com	ok	IP: 63.35.30.167 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
sf16-scmcdn-sg.ibytedtos.com	ok	IP: 23.206.229.176 Country: United States of America Region: California City: San Jose Latitude: 37.339390 Longitude: -121.894958 View: Google Map

DOMAIN	STATUS	GEOLOCATION
d.applovin.com	ok	IP: 34.110.179.88 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
ad-host-backup-asia.s3.ap-southeast-1.amazonaws.com	ok	IP: 3.5.151.175 Country: Singapore Region: Singapore City: Singapore Latitude: 1.289670 Longitude: 103.850067 View: Google Map
schemas.android.com	ok	No Geolocation information available.
prod.tednoy.com	ok	No Geolocation information available.
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

DOMAIN	STATUS	GEOLOCATION
p16-sign-sg.tiktokcdn.com	ok	IP: 23.32.152.235 Country: United States of America Region: Florida City: West Palm Beach Latitude: 26.715340 Longitude: -80.053368 View: Google Map
a.applovin.com	ok	IP: 34.117.147.68 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
telemetry.sdk.inmobi.com	ok	IP: 35.212.76.96 Country: United States of America Region: District of Columbia City: Washington Latitude: 38.895111 Longitude: -77.036369 View: Google Map
subscription.adjust.io	ok	IP: 185.151.204.44 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map

DOMAIN	STATUS	GEOLOCATION
img-tpn.toponad.com	ok	IP: 18.238.109.104 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
ms.applovin.com	ok	IP: 34.102.162.219 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
config.inmobi.com	ok	IP: 35.212.103.4 Country: United States of America Region: District of Columbia City: Washington Latitude: 38.895111 Longitude: -77.036369 View: Google Map
ssdk-va.pangle.io	ok	IP: 104.79.0.10 Country: United States of America Region: Michigan City: Saint Clair Shores Latitude: 42.496979 Longitude: -82.888809 View: Google Map

DOMAIN	STATUS	GEOLOCATION
api16-access-sg.pangle.io	ok	IP: 23.62.226.175 Country: Japan Region: Tokyo City: Tokyo Latitude: 35.689507 Longitude: 139.691696 View: Google Map
ad-host-backup-europe.s3.eu-central-1.amazonaws.com	ok	IP: 3.5.136.177 Country: Germany Region: Hessen City: Frankfurt am Main Latitude: 50.115520 Longitude: 8.684170 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
unif-id.ssp.inmobi.com	ok	IP: 35.212.40.129 Country: United States of America Region: District of Columbia City: Washington Latitude: 38.895111 Longitude: -77.036369 View: Google Map

DOMAIN	STATUS	GEOLOCATION
crash-metrics.sdk.inmobi.com	ok	IP: 35.212.101.248 Country: United States of America Region: District of Columbia City: Washington Latitude: 38.895111 Longitude: -77.036369 View: Google Map
sf19-static.i18n-pglstatp.com	ok	IP: 151.101.198.73 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
127.0.0.1	ok	IP: 127.0.0.1 Country: - Region: - City: - Latitude: 0.000000 Longitude: 0.000000 View: Google Map
gdpr.s	ok	No Geolocation information available.
developer.apple.com	ok	IP: 17.253.83.137 Country: Singapore Region: Singapore City: Singapore Latitude: 1.289670 Longitude: 103.850067 View: Google Map

DOMAIN	STATUS	GEOLOCATION
d.applvn.com	ok	IP: 34.110.179.88 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
prod-a.applovin.comhttps	ok	No Geolocation information available.
ktor.io	ok	IP: 13.224.53.49 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
log.byteoversea.com	ok	IP: 23.62.226.167 Country: Japan Region: Tokyo City: Tokyo Latitude: 35.689507 Longitude: 139.691696 View: Google Map
gdpr.adjust.io	ok	IP: 185.151.204.1 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map

DOMAIN	STATUS	GEOLOCATION
img.toponad.com	ok	IP: 18.238.109.87 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
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: 140.82.112.3 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
log.sgsnssdk.com	ok	IP: 23.45.173.136 Country: United States of America Region: California City: El Segundo Latitude: 33.919182 Longitude: -118.416473 View: Google Map

DOMAIN	STATUS	GEOLOCATION
compliance.iabtechnologylab.com	ok	IP: 185.199.111.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map
developer.android.com	ok	IP: 142.250.74.174 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
rt.applvn.com	ok	IP: 34.117.147.68 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
www.google.com	ok	IP: 142.250.74.68 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
sf16-fe-tos-sg.i18n-pglstatp.com	ok	IP: 23.32.152.235 Country: United States of America Region: Florida City: West Palm Beach Latitude: 26.715340 Longitude: -80.053368 View: Google Map
aa.unioneeu.com	ok	IP: 13.228.82.168 Country: Singapore Region: Singapore City: Singapore Latitude: 1.289670 Longitude: 103.850067 View: Google Map
drive.google.com	ok	IP: 216.58.207.206 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
www.example.com	ok	IP: 23.220.73.58 Country: Colombia Region: Antioquia City: Medellin Latitude: 6.251840 Longitude: -75.563591 View: Google Map

DOMAIN	STATUS	GEOLOCATION
pangolin16.isnssdk.com	ok	IP: 23.62.226.176 Country: Japan Region: Tokyo City: Tokyo Latitude: 35.689507 Longitude: 139.691696 View: Google Map
supply.inmobicdn.net	ok	IP: 34.8.14.192 Country: United States of America Region: Texas City: Houston Latitude: 29.941401 Longitude: -95.344498 View: Google Map
schemas.applovin.com	ok	No Geolocation information available.
ads.inmobi.com	ok	IP: 35.212.61.181 Country: United States of America Region: District of Columbia City: Washington Latitude: 38.895111 Longitude: -77.036369 View: Google Map
log-mva.isnssdk.com	ok	IP: 23.62.226.163 Country: Japan Region: Tokyo City: Tokyo Latitude: 35.689507 Longitude: 139.691696 View: Google Map

DOMAIN	STATUS	GEOLOCATION
dash.applovin.com	ok	IP: 34.8.47.67 Country: United States of America Region: Texas City: Houston Latitude: 29.941401 Longitude: -95.344498 View: Google Map
spadsync.com	ok	IP: 34.8.2.179 Country: United States of America Region: Texas City: Houston Latitude: 29.941401 Longitude: -95.344498 View: Google Map
ns.adobe.com	ok	No Geolocation information available.
schemas.microsoft.com	ok	IP: 13.107.246.71 Country: Netherlands Region: Noord-Holland City: Amsterdam Latitude: 52.374031 Longitude: 4.889690 View: Google Map
testhehe.com	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
ssrv.adjust.io	ok	IP: 185.151.204.1 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
developers.applovin.com	ok	IP: 34.160.22.255 Country: United States of America Region: Texas City: Houston Latitude: 29.941401 Longitude: -95.344498 View: Google Map
ssapi.mosspf.com	ok	IP: 47.236.49.234 Country: Hong Kong Region: Hong Kong City: Hong Kong Latitude: 22.285521 Longitude: 114.157692 View: Google Map
aomedia.org	ok	IP: 185.199.108.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map

DOMAIN	STATUS	GEOLOCATION
whatwg.org	ok	IP: 165.227.248.76 Country: United States of America Region: New Jersey City: Clifton Latitude: 40.858429 Longitude: -74.163757 View: Google Map
app.s	ok	No Geolocation information available.
support.google.com	ok	IP: 142.250.74.174 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
play.google.com	ok	IP: 142.250.74.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
log-activity.templates.inmobi.com	ok	IP: 35.212.10.62 Country: United States of America Region: District of Columbia City: Washington Latitude: 38.895111 Longitude: -77.036369 View: Google Map

DOMAIN	STATUS	GEOLOCATION
invalid.url	ok	No Geolocation information available.
gdl.news-cdn.site	ok	IP: 164.90.85.29 Country: Netherlands Region: Noord-Holland City: Amsterdam Latitude: 52.374031 Longitude: 4.889690 View: Google Map
www.slf4j.org	ok	IP: 159.100.250.151 Country: Switzerland Region: Vaud City: Lausanne Latitude: 46.515999 Longitude: 6.632820 View: Google Map
exoplayer.dev	ok	IP: 185.199.108.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map
api16-endcard-pack-sg.pangle.io	ok	IP: 23.62.226.170 Country: Japan Region: Tokyo City: Tokyo Latitude: 35.689507 Longitude: 139.691696 View: Google Map

DOMAIN	STATUS	GEOLOCATION
ssdk-sg.pangle.io	ok	IP: 96.16.55.157 Country: United States of America Region: Louisiana City: New Orleans Latitude: 29.954651 Longitude: -90.075073 View: Google Map
subscription.s	ok	No Geolocation information available.
pangolin16.sgsnssdk.com	ok	IP: 23.45.173.135 Country: United States of America Region: California City: El Segundo Latitude: 33.919182 Longitude: -118.416473 View: Google Map
dtcy0bqpv6jys.cloudfront.net	ok	IP: 18.238.102.60 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
app.adjust.io	ok	IP: 185.151.204.1 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map

DOMAIN	STATUS	GEOLOCATION
vid.applovin.com	ok	IP: 34.160.64.118 Country: United States of America Region: Texas City: Houston Latitude: 29.941401 Longitude: -95.344498 View: Google Map
www.applovin.com	ok	IP: 141.193.213.10 Country: United States of America Region: Texas City: Austin Latitude: 30.271158 Longitude: -97.741699 View: Google Map
gist.github.com	ok	IP: 140.82.112.3 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
rt.applovin.com	ok	IP: 34.117.147.68 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map

DOMAIN	STATUS	GEOLOCATION
ad-host-backup-america.s3.us-west-1.amazonaws.com	ok	IP: 52.219.216.130 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
applovin.com	ok	IP: 141.193.213.10 Country: United States of America Region: Texas City: Austin Latitude: 30.271158 Longitude: -97.741699 View: Google Map
www.pangleglobal.com	ok	IP: 23.62.226.163 Country: Japan Region: Tokyo City: Tokyo Latitude: 35.689507 Longitude: 139.691696 View: Google Map
www.googletagmanager.com	ok	IP: 142.250.74.136 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
xmlpull.org	ok	IP: 185.199.108.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map
tofu.tednoy.com	ok	No Geolocation information available.
ssrv.s	ok	No Geolocation information available.

EMAILS

EMAIL	FILE
this@copy.slice	io/ktor/util/NIOKt.java

A TRACKERS

TRACKER	CATEGORIES	URL
Adjust	Analytics	https://reports.exodus-privacy.eu.org/trackers/52
AppLovin (MAX and SparkLabs)	Advertisement, Identification, Profiling, Analytics	https://reports.exodus-privacy.eu.org/trackers/72

TRACKER	CATEGORIES	URL
Facebook Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/66
Facebook Login	Identification	https://reports.exodus-privacy.eu.org/trackers/67
Facebook Share		https://reports.exodus-privacy.eu.org/trackers/70
Google CrashLytics	Crash reporting	https://reports.exodus-privacy.eu.org/trackers/27
Google Firebase Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/49
IAB Open Measurement	Advertisement, Identification	https://reports.exodus-privacy.eu.org/trackers/328
Inmobi		https://reports.exodus-privacy.eu.org/trackers/106
Mintegral	Advertisement, Analytics	https://reports.exodus-privacy.eu.org/trackers/200
Pangle	Advertisement	https://reports.exodus-privacy.eu.org/trackers/363

▶ HARDCODED SECRETS

POSSIBLE SECRETS

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"dyStrategy.privateAddress" : "privateAddress"

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POSSIBLE SECRETS
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POSSIBLE SECRETS
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POSSIBLE SECRETS
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⋮≡ SCAN LOGS

	Timestamp	Event	Error
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2025-09-01 13:28:17	Generating Hashes	ОК
2025-09-01 13:28:17	Extracting APK	ОК
2025-09-01 13:28:17	Unzipping	ОК
2025-09-01 13:28:18	Parsing APK with androguard	OK
2025-09-01 13:28:18	Extracting APK features using aapt/aapt2	OK
2025-09-01 13:28:18	Getting Hardcoded Certificates/Keystores	OK
2025-09-01 13:28:21	Parsing AndroidManifest.xml	OK
2025-09-01 13:28:21	Extracting Manifest Data	ОК
2025-09-01 13:28:21	Manifest Analysis Started	ОК
2025-09-01 13:28:21	Performing Static Analysis on: HeartEntry (health.care.heart.entry)	ОК
2025-09-01 13:28:22	Fetching Details from Play Store: health.care.heart.entry	ОК

2025-09-01 13:28:23	Checking for Malware Permissions	ОК
2025-09-01 13:28:23	Fetching icon path	ОК
2025-09-01 13:28:23	Library Binary Analysis Started	ОК
2025-09-01 13:28:23	Reading Code Signing Certificate	ОК
2025-09-01 13:28:24	Running APKiD 2.1.5	ОК
2025-09-01 13:28:31	Detecting Trackers	ОК
2025-09-01 13:28:36	Decompiling APK to Java with JADX	ОК
2025-09-01 13:29:15	Decompiling with JADX failed, attempting on all DEX files	ОК
2025-09-01 13:29:15	Decompiling classes2.dex with JADX	ОК
2025-09-01 13:29:24	Decompiling classes4.dex with JADX	ОК
2025-09-01 13:29:35	Decompiling classes.dex with JADX	ОК

2025-09-01 13:29:44	Decompiling classes3.dex with JADX	OK
2025-09-01 13:29:52	Decompiling classes2.dex with JADX	OK
2025-09-01 13:30:02	Decompiling classes4.dex with JADX	ОК
2025-09-01 13:30:12	Decompiling classes.dex with JADX	ОК
2025-09-01 13:30:20	Decompiling classes3.dex with JADX	ОК
2025-09-01 13:30:29	Converting DEX to Smali	ОК
2025-09-01 13:30:29	Code Analysis Started on - java_source	ОК
2025-09-01 13:30:36	Android SBOM Analysis Completed	OK
2025-09-01 13:30:46	Android SAST Completed	ОК
2025-09-01 13:30:46	Android API Analysis Started	ОК

2025-09-01 13:30:57	Android API Analysis Completed	ОК
2025-09-01 13:30:57	Android Permission Mapping Started	OK
2025-09-01 13:31:04	Android Permission Mapping Completed	ОК
2025-09-01 13:31:05	Android Behaviour Analysis Started	ОК
2025-09-01 13:31:17	Android Behaviour Analysis Completed	OK
2025-09-01 13:31:17	Extracting Emails and URLs from Source Code	OK
2025-09-01 13:31:25	Email and URL Extraction Completed	OK
2025-09-01 13:31:25	Extracting String data from APK	OK
2025-09-01 13:31:25	Extracting String data from Code	ОК
2025-09-01 13:31:25	Extracting String values and entropies from Code	ОК
2025-09-01 13:31:31	Performing Malware check on extracted domains	ОК

2025-09-01 13:31:42	Saving to Database	OK
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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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