

## ANDROID STATIC ANALYSIS REPORT



GlassesOn (5.40.1400)

File Name:	com.sixoversix.copyglass_1400.apk
Package Name:	com.sixoversix.copyglass
Scan Date:	Sept. 1, 2025, 9:02 a.m.
App Security Score:	51/100 (MEDIUM RISK)
Grade:	
Trackers Detection:	6/432

### FINDINGS SEVERITY

<b>飛</b> HIGH	▲ MEDIUM	<b>i</b> INFO	✓ SECURE	<b>®</b> HOTSPOT
2	18	3	2	2

#### FILE INFORMATION

**File Name:** com.sixoversix.copyglass\_1400.apk

**Size:** 19.58MB

MD5: 7ac0c18e2ca5919af7e3eb15202eb754

**SHA1**: 7bea7086ca31711f5f8102a8fc63bf7ed4e73136

**SHA256**: 520c92f0e55b5b2e69aa2917564ea789bdd5f5c1c41d9d1ed14605c108b79d8c

## **i** APP INFORMATION

App Name: GlassesOn

Package Name: com.sixoversix.copyglass

Main Activity: Target SDK: 34 Min SDK: 28 Max SDK:

**Android Version Name:** 5.40.1400

**Android Version Code: 1400** 

#### **EE** APP COMPONENTS

Activities: 36 Services: 9 Receivers: 7 Providers: 5

Exported Activities: 3 Exported Services: 0 Exported Receivers: 4 Exported Providers: 0

### **\*** CERTIFICATE INFORMATION

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

X.509 Subject: CN=6over6

Signature Algorithm: rsassa\_pkcs1v15 Valid From: 2016-07-05 08:19:35+00:00 Valid To: 2041-06-29 08:19:35+00:00

Issuer: CN=6over6

Serial Number: 0x1b32d3ff Hash Algorithm: sha256

md5: 88eecf5440e1b6cc45f814e5e5c41959

sha1: d7b0f5764743f6072c5b3777d5b9030207c65747

sha256: 2006ec923848f882685515db8d182eb65ce4fc2b5fa5408dc55d4ad383445588

sha512; 7eb031d7048cbcfde4fdee7e09f7a663aa7f78f17f27f9ed61635b27f6d52b2f9a9e5156d201f17fae1829abcaa0f251e3942b0c492fd5e1e74ae5c34e0aa79b

PublicKey Algorithm: rsa

Bit Size: 2048

Fingerprint: b62866a52c1fad6052b4de7f39622f216045b22bbf850a5d9ae7bb3f93d13509

Found 1 unique certificates

## **E** APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.ACCESS_NETWORK_STATE	normal	view network status	Allows an application to view the status of all networks.
android.permission.INTERNET	normal	full Internet access	Allows an application to create network sockets.
android.permission.SCHEDULE_EXACT_ALARM	normal	permits exact alarm scheduling for background work.	Allows an app to use exact alarm scheduling APIs to perform timing sensitive background work.
android.permission.POST_NOTIFICATIONS	dangerous	allows an app to post notifications.	Allows an app to post notifications
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.
com.google.android.gms.permission.AD_ID	normal	application shows advertisements	This app uses a Google advertising ID and can possibly serve advertisements.
android.permission.FLASHLIGHT	normal	control flashlight	Allows the application to control the flashlight.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.CAMERA	dangerous	take pictures and videos	Allows application to take pictures and videos with the camera. This allows the application to collect images that the camera is seeing at any time.
android.permission.ACCESS_WIFI_STATE	normal	view Wi-Fi status	Allows an application to view the information about the status of Wi-Fi.
android.permission.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
android.permission.VIBRATE	normal	control vibrator	Allows the application to control the vibrator.
com.google.android.c2dm.permission.RECEIVE	normal	recieve push notifications	Allows an application to receive push notifications from cloud.
com.sixoversix.copyglass.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION	unknown	Unknown permission	Unknown permission from android reference
com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE	normal	permission defined by google	A custom permission defined by Google.

## **MAPKID ANALYSIS**

FILE DETAILS
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FILE	DETAILS		
	FINDINGS	DETAILS	
	yara_issue	yara issue - dex file recognized by apkid but not yara module	
classes.dex	Anti-VM Code	Build.FINGERPRINT check Build.MANUFACTURER check	
	Compiler	unknown (please file detection issue!)	

FILE	DETAILS		
	FINDINGS	DETAILS	
	yara_issue	yara issue - dex file recognized by apkid but not yara module	
classes2.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 ro.hardware check possible VM check	
	Anti Debug Code	Debug.isDebuggerConnected() check	
	Compiler	unknown (please file detection issue!)	

FILE	DETAILS		
	FINDINGS	DETAILS	
	yara_issue	yara issue - dex file recognized by apkid but not yara module	
classes3.dex	Anti-VM Code	Build.MODEL check Build.PRODUCT check Build.HARDWARE check Build.TAGS check network operator name check possible ro.secure check	
	Compiler	unknown (please file detection issue!)	
	FINDINGS	DETAILS	
	yara_issue	yara issue - dex file recognized by apkid but not yara module	
classes4.dex	Anti-VM Code	Build.MODEL check Build.MANUFACTURER check network operator name check	
	Compiler	unknown (please file detection issue!)	

DETAILS	
FINDINGS	DETAILS
yara_issue	yara issue - dex file recognized by apkid but not yara module
Compiler	unknown (please file detection issue!)
	FINDINGS  yara_issue

## BROWSABLE ACTIVITIES

ACTIVITY	INTENT
com.sixoversix.ui.activities.SplashActivity	Schemes: http://, glasseson://, Hosts: glasseson,

## **△** NETWORK SECURITY

NO SCOPE	SEVERITY	DESCRIPTION	
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### **CERTIFICATE ANALYSIS**

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

## **Q** MANIFEST ANALYSIS

HIGH: 0 | WARNING: 9 | INFO: 0 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	DESCRIPTION
1	App can be installed on a vulnerable Android version Android 9, minSdk=28]	warning	This application can be installed on an older version of android that has multiple vulnerabilities. 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.sixoversix.ui.activities.SplashActivity) 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-Alias (com.sixoversix.glassesontemplateapp.Launcher) is not Protected. [android:exported=true]	warning	An Activity-Alias is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
5	Broadcast Receiver (com.appsflyer.SingleInstallBroadcastReceiver) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

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



NO	ISSUE	SEVERITY	STANDARDS	FILES
1	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	coil/decode/GifDecoder.java coil/decode/VideoFrameDecoder.java coil/memory/MemoryCache.java coil/memory/MemoryCacheService.java coil/request/Parameters.java com/bumptech/glide/load/Option.java com/bumptech/glide/load/engine/DataCache Key.java com/bumptech/glide/load/engine/EngineRes ource.java com/bumptech/glide/load/engine/ResourceC acheKey.java com/bumptech/glide/manager/RequestMana gerRetriever.java com/luna/corelib/sdk/PageActionsHolder.jav a com/luna/corelib/sdk/preferences/Preferenc eKeys.java com/luna/corelib/sdk/preferences/Preferenc eKeys.java com/luna/corelib/server/NetworkService.java com/luna/corelib/server/SdkHttpSslPinning.j ava com/luna/corelib/server/models/S3ObjectFie lds.java io/branch/referral/Branch.java io/branch/referral/BranchPreinstall.java io/branch/referral/ServerRequest.java io/branch/referral/ServerRequest.java io/branch/referral/ServerRequest.java io/branch/referral/Validators/DeepLinkRoutin gValidator.java io/reactivex/internal/schedulers/SchedulerPo olFactory.java org/mozilla/javascript/ClassCache.java

NO ISSU	UE	SEVERITY	STANDARDS	org/mozilla/javascript/ImporterTopLevel.java <b>Flg/G5</b> ozilla/javascript/NativeError.java  org/mozilla/javascript/NativeJavaObject.java
				org/mozilla/javascript/ScriptRuntime.java org/mozilla/javascript/xmlimpl/XmlNode.java
				com/airbnb/lottie/LottieAnimationView.java com/airbnb/lottie/PerformanceTracker.java com/airbnb/lottie/utils/LogcatLogger.java com/appsflyer/internal/AFb1tSDK.java com/appsflyer/internal/AFf1iSDK.java com/appsflyer/internal/AFf1iSDK.java com/appsflyer/internal/AFf1tSDK.java com/appsflyer/internal/AFg1dSDK.java com/appsflyer/internal/AFg1dSDK.java com/appsflyer/internal/AFg1lSDK.java com/appsflyer/share/LinkGenerator.java com/bumptech/glide/Glide.java com/bumptech/glide/disklrucache/DiskLruCa che.java com/bumptech/glide/gifdecoder/GifHeaderP arser.java com/bumptech/glide/gifdecoder/StandardGif Decoder.java com/bumptech/glide/load/data/AssetPathFet cher.java com/bumptech/glide/load/data/HttpUrlFetch er.java com/bumptech/glide/load/data/LocalUriFetch her.java com/bumptech/glide/load/data/mediastore/T humbFetcher.java com/bumptech/glide/load/data/mediastore/T humbFetcher.java com/bumptech/glide/load/engine/DecodeJob .java com/bumptech/glide/load/engine/DecodePat h.java com/bumptech/glide/load/engine/Engine.jav a com/bumptech/glide/load/engine/Engine.jav a com/bumptech/glide/load/engine/Engine.jav a com/bumptech/glide/load/engine/GlideExcep

NO	ISSUE	SEVERITY	STANDARDS	tion.java Fold ES umptech/glide/load/engine/SourceGen
				erator.java
				com/bumptech/glide/load/engine/bitmap_re
				cycle/LruArrayPool.java
				com/bumptech/glide/load/engine/bitmap_re
				cycle/LruBitmapPool.java
				com/bumptech/glide/load/engine/cache/Disk
				LruCacheWrapper.java
				com/bumptech/glide/load/engine/cache/Me
				morySizeCalculator.java
				com/bumptech/glide/load/engine/executor/
				GlideExecutor.java
				com/bumptech/glide/load/engine/executor/R
				untimeCompat.java
				com/bumptech/glide/load/engine/prefill/Bit
				mapPreFillRunner.java
				com/bumptech/glide/load/model/ByteBuffer
				Encoder.java
				com/bumptech/glide/load/model/ByteBuffer
				FileLoader.java
				com/bumptech/glide/load/model/FileLoader.
				java
				com/bumptech/glide/load/model/ResourceL
				oader.java
				com/bumptech/glide/load/model/StreamEnc
				oder.java
				com/bumptech/glide/load/resource/DefaultO
				nHeaderDecodedListener.java
				com/bumptech/glide/load/resource/bitmap/
				BitmapEncoder.java
				com/bumptech/glide/load/resource/bitmap/
				BitmaplmageDecoderResourceDecoder.java
				com/bumptech/glide/load/resource/bitmap/
				DefaultImageHeaderParser.java
				com/bumptech/glide/load/resource/bitmap/
				Downsampler.java
				com/bumptech/glide/load/resource/bitmap/
				DrawableToBitmapConverter.java
				com/bumptech/glide/load/resource/bitmap/

NO	ISSUE	SEVERITY	STANDARDS	HardwareConfigState.java  Fold 55 umptech/glide/load/resource/bitmap/  TransformationUtils.java
2	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/bumptech/glide/load/resource/bitmap/ VideoDecoder.java com/bumptech/glide/load/resource/gif/Byte BufferGifDecoder.java com/bumptech/glide/load/resource/gif/GifDr awableEncoder.java com/bumptech/glide/load/resource/gif/Strea mGifDecoder.java com/bumptech/glide/manager/DefaultConne ctivityMonitorFactory.java com/bumptech/glide/manager/RequestMana gerFragment.java com/bumptech/glide/manager/RequestMana gerRetriever.java com/bumptech/glide/manager/RequestTrack er.java com/bumptech/glide/manager/SingletonCon nectivityReceiver.java com/bumptech/glide/manager/SupportRequ estManagerFragment.java com/bumptech/glide/module/ManifestParser .java com/bumptech/glide/request/SingleRequest.j ava com/bumptech/glide/request/target/Custom ViewTarget.java com/bumptech/glide/request/target/ViewTar get.java com/bumptech/glide/signature/ApplicationVe rsionSignature.java com/bumptech/glide/util/ContentLengthInpu tStream.java com/bumptech/glide/util/ContentLengthInpu tStream.java com/bumptech/glide/util/Pool/FactoryPools.j ava com/luna/commons/analytics/MixpanelApiW rapper.java

NO	ISSUE	SEVERITY	STANDARDS	com/luna/commons/logs/coralogix/Coralogix
				com/luna/commons/logs/handlers/AndroidL
				ogHandler.java
				com/luna/commons/managers/TextToSpeec
				hManager.java
				com/luna/commons/ui/colorCustomization/V
				ectorFinder/AnimatedVectorDrawableCompat
				.java
				com/luna/commons/ui/colorCustomization/V
				ectorFinder/PathParser.java
				com/luna/commons/ui/colorCustomization/V
				ectorFinder/VectorDrawableCompat.java
				com/luna/commons/ui/fonts/FontsManager.j
				ava
				com/luna/commons/utils/RequestBodyUtils.j
				ava
				com/luna/corelib/actions/handlers/ChangeFo
				cusToContinuesActionHandler.java
				com/luna/corelib/actions/handlers/ChangeFo
				cusToFocusAreaActionHandler.java
				com/luna/corelib/actions/handlers/SetFocus
				DistanceActionHandler.java
				com/luna/corelib/camera/frames/ShowError
				Timer.java
				com/luna/corelib/camera/frames/process/Se
				ndFrameImageTask.java
				com/luna/corelib/pages/handlers/DeviceCali
				brationV2MatrixPageHandler.java
				com/luna/corelib/pages/handlers/QRScanPag
				eHandler.java
				com/luna/corelib/tilt/compress/impl/TimeLa
				pseEncoder.java
				com/luna/sound_manager/managers/Soundl
				temHandler.java
				com/luna/sound_manager/managers/Sound
				Manager.java
				com/luna/sound_manager/usecases/SoundPl
				ayerUseCase.java
				com/mixpanel/android/mpmetrics/Analytics
				committee and oral monetical mary trea

NO	ISSUE	SEVERITY	STANDARDS	Messages.java  Glassispanel/android/mpmetrics/Configura tionChecker.java
				tionChecker.java com/mixpanel/android/mpmetrics/MPConfig .java com/mixpanel/android/mpmetrics/MPDbAda pter.java com/mixpanel/android/mpmetrics/Mixpanel API.java com/mixpanel/android/mpmetrics/Persistent Identity.java com/mixpanel/android/mpmetrics/Resource Reader.java com/mixpanel/android/mpmetrics/SessionM etadata.java
				com/mixpanel/android/mpmetrics/SystemInf ormation.java com/mixpanel/android/util/HttpService.java com/mixpanel/android/util/MPLog.java com/rits/cloning/Cloner.java com/sixoversix/managers/RateUsHelper.java com/sixoversix/managers/analytics/BIEvents Manager.java com/sixoversix/managers/analytics/provider s/AppsflyerManager.java com/sixoversix/ui/activities/BaseActivity.java com/sixoversix/ui/dialogs/BasePopupDialog.j ava
				com/sixoversix/ui/dialogs/RateUsThumbsPo pupDialog.java de/tavendo/autobahn/AutobahnConnection.j ava de/tavendo/autobahn/AutobahnReader.java de/tavendo/autobahn/AutobahnWriter.java de/tavendo/autobahn/WebSocketConnection. java de/tavendo/autobahn/WebSocketReader.java de/tavendo/autobahn/WebSocketWriter.java io/branch/referral/BranchJsonConfig.java io/branch/referral/BranchLogger.java

NO	ISSUE	SEVERITY	STANDARDS	io/branch/referral/validators/IntegrationValid
				io/github/aakira/napier/DebugAntilog.java org/mozilla/classfile/TypeInfo.java org/mozilla/javascript/Interpreter.java org/mozilla/javascript/ScriptRuntime.java org/mozilla/javascript/tools/debugger/Dim.ja va org/mozilla/javascript/tools/jsc/Main.java org/mozilla/javascript/tools/shell/Main.java org/tensorflow/lite/NativeInterpreterWrapper .java org/tensorflow/lite/support/image/TensorBuf ferContainer.java org/tensorflow/lite/support/label/LabelUtil.ja va org/tensorflow/lite/support/metadata/Metad
3	This App uses SSL certificate pinning to detect or prevent MITM attacks in secure communication channel.	secure	OWASP MASVS: MSTG-NETWORK-4	ataExtractor.java ६०द्वारीक्षाड्यांक्रप्रसामास्थाङ्गीकृष्ट्यात्वीयस्थार्यक्रियार्थिक्य स्वकार्यक्षांक्रप्रांक्षांच्यांच्यां स्वकार्यक्षाव्यक्षिणान्त्रीस्थाः
4	The App uses an insecure Random Number Generator.	warning	CWE: CWE-330: Use of Insufficiently Random Values OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-6	com/appsflyer/internal/AFa1ySDK.java com/appsflyer/internal/AFb1aSDK.java com/appsflyer/internal/AFc1iSDK.java de/tavendo/autobahn/AutobahnConnection.j ava de/tavendo/autobahn/WebSocketWriter.java
5	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/luna/commons/utils/ViewUtils.java io/branch/referral/ShareLinkManager.java
6	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	org/mozilla/javascript/tools/shell/Main.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
7	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	coil/decode/SourceImageSource.java com/luna/commons/utils/FileUtils.java com/luna/commons/utils/IntentUtils.java
8	The file or SharedPreference is World Readable. Any App can read from the file	high	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	com/appsflyer/internal/AFb1tSDK.java
9	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/mixpanel/android/mpmetrics/MPDbAda pter.java
10	IP Address disclosure	warning	CWE: CWE-200: Information Exposure OWASP MASVS: MSTG-CODE-2	org/mozilla/javascript/tools/debugger/Dim.ja va
11	This App may request root (Super User) privileges.	warning	CWE: CWE-250: Execution with Unnecessary Privileges OWASP MASVS: MSTG-RESILIENCE-1	com/luna/corelib/utils/RootUtil.java
12	This App may have root detection capabilities.	secure	OWASP MASVS: MSTG-RESILIENCE-1	com/luna/corelib/utils/RootUtil.java

# ■ NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION	
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## **BEHAVIOUR ANALYSIS**

RULE ID	BEHAVIOUR	LABEL	FILES
00096	Connect to a URL and set request method	command network	com/airbnb/lottie/network/DefaultLottieNetworkFetcher.java com/appsflyer/internal/AFd1oSDK.java com/appsflyer/internal/AFe1sSDK.java com/mixpanel/android/util/HttpService.java
00089	Connect to a URL and receive input stream from the server	command network	com/appsflyer/internal/AFd1oSDK.java com/appsflyer/internal/AFe1sSDK.java com/bumptech/glide/load/data/HttpUrlFetcher.java com/mixpanel/android/util/HttpService.java org/mozilla/javascript/commonjs/module/provider/UrlModuleSourceProvider.ja va
00109	Connect to a URL and get the response code	network command	com/appsflyer/internal/AFd1oSDK.java com/appsflyer/internal/AFe1sSDK.java com/appsflyer/internal/AFf1mSDK.java com/bumptech/glide/load/data/HttpUrlFetcher.java com/mixpanel/android/util/HttpService.java org/mozilla/javascript/commonjs/module/provider/UrlModuleSourceProvider.ja va

RULE ID	BEHAVIOUR	LABEL	FILES
00013	Read file and put it into a stream	file	coil/fetch/ContentUriFetcher.java com/airbnb/lottie/network/NetworkCache.java com/airbnb/lottie/network/NetworkFetcher.java com/appsflyer/internal/AFb1iSDK.java com/appsflyer/internal/AFg1ISDK.java com/bumptech/glide/disklrucache/DiskLruCache.java com/bumptech/glide/load/ImageHeaderParserUtils.java com/bumptech/glide/load/model/FileLoader.java com/bumptech/glide/load/resource/bitmap/ImageReader.java com/luna/commons/utils/FileUtils.java com/luna/corelib/pd/mtcnn/MtcnnUtils.java okio/OkioJvmOkioKt.java org/codehaus/jackson/JsonFactory.java org/mozilla/javascript/tools/SourceReader.java org/mozilla/javascript/tools/debugger/Dim.java org/mozilla/javascript/tools/shell/Global.java org/tensorflow/lite/support/common/FileUtil.java pl/droidsonroids/relinker/elf/ElfParser.java
00056	Modify voice volume	control	com/luna/sound_manager/managers/SoundManagerInitializer.java
00004	Get filename and put it to JSON object	file collection	com/luna/corelib/camera/frames/data/RequestData.java com/mixpanel/android/mpmetrics/MPDbAdapter.java
00030	Connect to the remote server through the given URL	network	com/airbnb/lottie/network/DefaultLottieNetworkFetcher.java com/bumptech/glide/load/data/HttpUrlFetcher.java org/mozilla/javascript/commonjs/module/provider/UrlModuleSourceProvider.ja va

RULE ID	BEHAVIOUR	LABEL	FILES
00063	Implicit intent(view a web page, make a phone call, etc.)	control	com/appsflyer/internal/AFb1tSDK.java com/appsflyer/internal/AFc1aSDK.java com/appsflyer/internal/AFc1uSDK.java com/appsflyer/internal/AFf1tSDK.java com/luna/commons/utils/IntentUtils.java com/sixoversix/managers/SupportManager.java com/sixoversix/ui/dialogs/RateUsPopupThanksDialog.java io/branch/referral/Branch.java io/branch/referral/validators/DeepLinkRoutingValidator.java
00022	Open a file from given absolute path of the file	file	coil/disk/DiskCache.java com/airbnb/lottie/network/NetworkCache.java com/airbnb/lottie/network/NetworkFetcher.java com/appsflyer/internal/AFg1ISDK.java com/luna/corelib/assets/AssetsDownloadManager.java com/luna/corelib/devicecalibration/DcFramesHolder.java com/luna/corelib/tilt/compress/impl/CodecImageUseCase\$createVideosFromIm ages\$1.java org/codehaus/jackson/map/ser/std/StdJdkSerializers.java org/mozilla/javascript/tools/jsc/Main.java org/tensorflow/lite/Interpreter.java org/tensorflow/lite/InterpreterImpl.java pl/droidsonroids/relinker/ReLinkerInstance.java
00191	Get messages in the SMS inbox	sms	com/appsflyer/internal/AFi1gSDK.java com/appsflyer/internal/AFi1lSDK.java com/appsflyer/internal/AFi1mSDK.java io/branch/coroutines/InstallReferrersKt.java

RULE ID	BEHAVIOUR LABEL		FILES
00036	Get resource file from res/raw directory	reflection	coil/map/ResourceIntMapper.java com/appsflyer/internal/AFb1tSDK.java com/appsflyer/internal/AFf1pSDK.java com/appsflyer/internal/AFi1lSDK.java com/appsflyer/internal/AFi1oSDK.java com/luna/commons/utils/IntentUtils.java io/branch/referral/Branch.java
00014	Read file into a stream and put it into a JSON object	file	com/appsflyer/internal/AFg1lSDK.java
00005	Get absolute path of file and put it to JSON object	file	com/appsflyer/internal/AFg1lSDK.java
00051	Implicit intent(view a web page, make a phone call, etc.) via setData	control	com/luna/commons/utils/IntentUtils.java com/sixoversix/managers/SupportManager.java io/branch/referral/Branch.java
00077	Read sensitive data(SMS, CALLLOG, etc)	collection sms calllog calendar	com/bumptech/glide/load/data/mediastore/ThumbFetcher.java com/luna/corelib/admin/AdminContentResolverWrapper.java
00091	Retrieve data from broadcast	collection	com/appsflyer/internal/AFb1tSDK.java com/appsflyer/internal/AFc1uSDK.java com/luna/corelib/sdk/config/ExternalConfigIntentHandler.java io/branch/referral/Branch.java
00003	Put the compressed bitmap data into JSON object	camera	io/branch/referral/network/BranchRemoteInterfaceUrlConnection.java
00189	Get the content of a SMS message	sms	com/luna/corelib/admin/AdminContentResolverWrapper.java

RULE ID	BEHAVIOUR	LABEL	FILES
00126	Read sensitive data(SMS, CALLLOG, etc)	collection sms calllog calendar	com/luna/corelib/admin/AdminContentResolverWrapper.java
00188	Get the address of a SMS message	sms	com/luna/corelib/admin/AdminContentResolverWrapper.java
00200	Query data from the contact list	collection contact	com/luna/corelib/admin/AdminContentResolverWrapper.java
00187	Query a URI and check the result	collection sms calllog calendar	com/luna/corelib/admin/AdminContentResolverWrapper.java
00201	Query data from the call log	collection calllog	com/luna/corelib/admin/AdminContentResolverWrapper.java
00023	Start another application from current application	reflection control	com/luna/commons/utils/IntentUtils.java
00012	Read data and put it into a buffer stream	file	com/luna/commons/utils/FileUtils.java
00009	Put data in cursor to JSON object	file	com/mixpanel/android/mpmetrics/MPDbAdapter.java
00078	Get the network operator name	collection telephony	com/appsflyer/internal/AFh1dSDK.java com/mixpanel/android/mpmetrics/SystemInformation.java io/branch/referral/SystemObserver.java
00094	Connect to a URL and read data from it	command network	com/mixpanel/android/util/HttpService.java org/mozilla/javascript/tools/shell/Global.java
00108	Read the input stream from given URL	network command	com/mixpanel/android/util/HttpService.java

RULE ID	BEHAVIOUR	LABEL	FILES
00192	Get messages in the SMS inbox	sms	com/appsflyer/internal/AFb1jSDK.java

## FIREBASE DATABASES ANALYSIS

TITLE	SEVERITY	DESCRIPTION
App talks to a Firebase database	info	The app talks to Firebase database at https://glasseson-fcf4c.firebaseio.com
Firebase Remote Config enabled	warning	The Firebase Remote Config at https://firebaseremoteconfig.googleapis.com/v1/projects/760509138760/namespaces/firebase:fetch? key=AlzaSyCYrQfitSF0Kqa40lQzfZs4JlveP5lC_Hc is enabled. Ensure that the configurations are not sensitive. This is indicated by the response: {'entries': {'force_update_version': '', 'show_banner': 'true'}, 'state': 'UPDATE', 'templateVersion': '23'}

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

TYPE	MATCHES	PERMISSIONS
Malware Permissions	6/25	android.permission.ACCESS_NETWORK_STATE, android.permission.INTERNET, android.permission.CAMERA, android.permission.ACCESS_WIFI_STATE, android.permission.WAKE_LOCK, android.permission.VIBRATE
Other Common Permissions	4/44	com.google.android.gms.permission.AD_ID, android.permission.FLASHLIGHT, com.google.android.c2dm.permission.RECEIVE, com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE

#### **Malware Permissions:**

Top permissions that are widely abused by known malware.

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

Permissions that are commonly abused by known malware.

### • OFAC SANCTIONED COUNTRIES

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

DOMAIN CO

COUNTRY/REGION

#### **Q** DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
help.branch.io	ok	IP: 104.18.20.218 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
api.coralogix.com	ok	IP: 52.214.88.252 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map

DOMAIN	STATUS	GEOLOCATION
api.glasseson.com	ok	IP: 52.200.178.67 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
sinapps.s	ok	No Geolocation information available.
apache.org	ok	IP: 151.101.2.132 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
play.google.com	ok	IP: 142.250.74.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
6over6.com	ok	IP: 35.83.224.212 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map

DOMAIN	STATUS	GEOLOCATION
sdlsdk.s	ok	No Geolocation information available.
github.com	ok	IP: 140.82.112.4  Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203  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
sconversions.s	ok	No Geolocation information available.
simpression.s	ok	No Geolocation information available.
fdasub-api.myrx.luna.io	ok	IP: 23.23.223.82  Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
smonitorsdk.s	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
sgcdsdk.s	ok	No Geolocation information available.
sattr.s	ok	No Geolocation information available.
ssdk-services.s	ok	No Geolocation information available.
sadrevenue.s	ok	No Geolocation information available.
api.mixpanel.com	ok	IP: 35.190.25.25 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
sars.s	ok	No Geolocation information available.
branch.app.link	ok	IP: 18.238.109.69 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
sregister.s	ok	No Geolocation information available.
scdn-ssettings.s	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
web.glasseson.com	ok	IP: 44.195.178.94 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
api3-eu.branch.io	ok	IP: 18.155.173.33  Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
api.coralogix.us	ok	IP: 3.132.4.30 Country: United States of America Region: Ohio City: Columbus Latitude: 39.961182 Longitude: -82.998787 View: Google Map
luna.io	ok	IP: 192.124.249.10 Country: United States of America Region: California City: Menifee Latitude: 33.679798 Longitude: -117.189484 View: Google Map

DOMAIN	STATUS	GEOLOCATION
127.0.0.1	ok	IP: 127.0.0.1   Country: -   Region: -   City: -   Latitude: 0.000000   Longitude: 0.000000   View: Google Map
api.branch.io	ok	IP: 18.238.109.24 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
javax.xml.xmlconstants	ok	No Geolocation information available.
bnc.lt	ok	IP: 18.238.109.60 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
scdn-stestsettings.s	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
cdn.branch.io	ok	IP: 13.224.53.120 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
aps-webhandler.appsflyer.com	ok	IP: 18.238.109.53 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
dev.api.glasseson.com	ok	No Geolocation information available.
glasseson-fcf4c.firebaseio.com	ok	IP: 34.120.206.254 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
slaunches.s	ok	No Geolocation information available.
sonelink.s	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
api.eu.myrx.luna.io	ok	IP: 3.124.222.23  Country: Germany Region: Hessen City: Frankfurt am Main Latitude: 50.115520 Longitude: 8.684170 View: Google Map
sapp.s	ok	No Geolocation information available.
schemas.android.com	ok	No Geolocation information available.
sviap.s	ok	No Geolocation information available.
api2.branch.io	ok	IP: 18.238.96.12 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
svalidate.s	ok	No Geolocation information available.
www.6over6.com	ok	IP: 35.83.224.212 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map



EMAIL	FILE
support@6over6.com	Android String Resource

## **A** TRACKERS

TRACKER	CATEGORIES	URL
AppsFlyer	Analytics	https://reports.exodus-privacy.eu.org/trackers/12
Branch	Analytics	https://reports.exodus-privacy.eu.org/trackers/167
Google Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/48
Google CrashLytics	Crash reporting	https://reports.exodus-privacy.eu.org/trackers/27
Google Tag Manager	Analytics	https://reports.exodus-privacy.eu.org/trackers/105
MixPanel	Analytics	https://reports.exodus-privacy.eu.org/trackers/118



POSSIBLE SECRETS
"branch_io_key_live" : "key_live_leWwflvjEnWcm7Tlaao0AnpeEvlpNk7B"
"com.google.firebase.crashlytics.mapping_file_id" : "0000000000000000000000000000000000
"firebase_database_url" : "https://glasseson-fcf4c.firebaseio.com"
"google_api_key" : "AlzaSyCYrQfitSF0Kqa40lQzfZs4JlveP5lC_Hc"
"google_crash_reporting_api_key" : "AlzaSyCYrQfitSF0Kqa40lQzfZs4JIveP5lC_Hc"
"intercom_api_key" : "android_sdk-b1a56de3b4d9b886cbf8e30adc8a25d247bd32aa"
f9a6bac84287ef8a0940168bcb13f20e
f1a119c4-3d48-81cf-99b4-bc7617d03f71
258EAFA5-E914-47DA-95CA-C5AB0DC85B11
470fa2b4ae81cd56ecbcda9735803434cec591fa
E3F9E1E0CF99D0E56A055BA65E241B3399F7CEA524326B0CDD6EC1327ED0FDC1
a004e9287589e9e96437a3ee994661b1
FBA3AF4E7757D9016E953FB3EE4671CA2BD9AF725F9A53D52ED4A38EAAA08901
iWNR8lg8XrkQ8k4qTlljWDRZsOFmTvBydS7R8dmO
sha256/++MBgDH5WGvL9Bcn5Be30cRcL0f5O+NyoXuWtQdX1al=

POSSIBLE SECRETS
sha256/JSMzqOOrtyOT1kmau6zKhgT676hGgczD5VMdRMyJZFA=
KQW4twqlX86RJBeBlpdFO5130psNVyvu8xhi9gTE
JlH2juyQdHaP4ArDrLc3d3G75tWxUHvS6zrydMkV
59d63370-6afd-da0a-7cac-04572a80ee08
FFE391E0EA186D0734ED601E4E70E3224B7309D48E2075BAC46D8C667EAE7212
85053bf24bba75239b16a601d9387e17
8e4cac44-5736-4525-ab8b-abc3db119fda
IVwEizBRU63ne1nBKpuFA90UjtfmxAZHaSHnnbdH
01360240043788015936020505
mO9c7Fcxn25Agc8FRXE3PfWFWLf3Go99vFzJJVJ0
3BAF59A2E5331C30675FAB35FF5FFF0D116142D3D4664F1C3CB804068B40614F
948614bf-4f12-43a9-a9ed-8263a1fdcf23
NcAVrjDz76ast5BTjiNQkq1o4d3i6rwaFjdfoaB1
sha256/4a6cPehI7OG6cuDZka5NDZ7FR8a60d3auda+sKfg4Ng=
a32ea3c6c03a8550e7c28180ddfabd1f

#### > PLAYSTORE INFORMATION

**Title:** GlassesOn | Pupils & Lenses

Score: 4.8792906 Installs: 500,000+ Price: 0 Android Version Support: Category: Medical Play Store URL: com.sixoversix.copyglass

Developer Details: 6over6 Vision LTD, 6over6+Vision+LTD, None, http://www.6over6.com, support@6over6.com,

Release Date: Dec 22, 2019 Privacy Policy: Privacy link

#### Description:

#1 Ranked App for obtaining Pupillary Distance. The only medical grade app for PD (Pupillary Distance) and extracting your glasses parameters! Getting your glasses parameters has never been easier! Get everything you need to buy new glasses or AR / VR headset from the comfort of your home. Get your PD (Pupillary Distance) in less than a minute and get your glasses parameters in less than 10 minutes!!! GlassesOn uses cutting-edge computer vision to scan glasses for their optical parameters to provide you with the glasses parameters including sphere (power), cylinder (astigmatism), axis, and PD (Pupillary Distance). Key features: \* Free PD (Pupillary Distance) information \* Unlimited glasses scans \* Fast and easy to use \* Meets the industry guidelines for accuracy (ANSI Z80.17) within 0.25D, PD within 2mm. \* FDA, CE, Health Canada and TGA listed How it works: To use GlassesOn to get your PD you will need any standard magnetic card (e.g. a library card), light colored cards work best To use GlassesOn for extract your glasses parameters you will need: \* A 12"-27" computer screen \* Your current glasses \* Any standard magnetic card (e.g. a library card) How to obtain your PD (pupillary distance)? Tap "Start PD" on the home page and follow the voice instructions. GlassesOn will do the rest, it's that easy:) No ruler, no mirrors and no manual adjustments needed. Who can use GlassesOn? Anyone can use GlassesOn for PD information for FREE! Use our premium GlassesOn to extract your glasses details if you: \* Are a healthy individual, 18 or older \* Have stable vision, and are happy with your current prescription \* Use GlassesOn for Single Vision prescription glasses between -6.00 and +3.00 \* Use GlassesOn for glasses with cylinder measurement up to -2.50 You should not use GlassesOn for: \* Multifocal/bifocal/progressives eyeglasses \* Glasses that include a prism measurement You should not use GlassesOn if you: \* Take any medication that affects your vision \* Have any illness or condition that affects eye health (ask your doctor) This app is not a substitute for an in-person visit to your eye doctor or any kind of eye exam. The parameters extracted from the scanned glasses are not a prescription. \* We respect your privacy, Our privacy policy clearly states what information we collect when you visit our website and/or use our app. See our full privacy policy here: https://luna.io/trust/privacy/ \*\* Note - GlassesOn is a Medical Device listed in the FDA Medical Device Listings, CE (EU) selfdeclared Class 1, Health Canada and a TGA Medical Device Listings. However, GlassesOn does not provide medical advice and does not replace a full eye health exam. We encourage you to visit your eye doctor periodically. Manufactured by 6over6 Vision Ltd. For more details go to https://6over6.com/

#### **∷** SCAN LOGS

Timestamp	Event		Error
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2025-09-01 09:02:41	Generating Hashes	ОК
2025-09-01 09:02:41	Extracting APK	ОК
2025-09-01 09:02:41	Unzipping	ОК
2025-09-01 09:02:41	Parsing APK with androguard	ОК
2025-09-01 09:02:42	Extracting APK features using aapt/aapt2	ОК
2025-09-01 09:02:42	Getting Hardcoded Certificates/Keystores	ОК
2025-09-01 09:02:44	Parsing AndroidManifest.xml	OK
2025-09-01 09:02:44	Extracting Manifest Data	OK
2025-09-01 09:02:44	Manifest Analysis Started	OK
2025-09-01 09:02:44	Performing Static Analysis on: GlassesOn (com.sixoversix.copyglass)	OK
2025-09-01 09:02:46	Fetching Details from Play Store: com.sixoversix.copyglass	OK

2025-09-01 09:02:47	Checking for Malware Permissions	ОК
2025-09-01 09:02:47	Fetching icon path	ОК
2025-09-01 09:02:47	Library Binary Analysis Started	ОК
2025-09-01 09:02:48	Reading Code Signing Certificate	ОК
2025-09-01 09:02:48	Running APKiD 2.1.5	ОК
2025-09-01 09:02:51	Detecting Trackers	ОК
2025-09-01 09:02:56	Decompiling APK to Java with JADX	ОК
2025-09-01 09:03:23	Decompiling with JADX failed, attempting on all DEX files	ОК
2025-09-01 09:03:23	Decompiling classes2.dex with JADX	ОК
2025-09-01 09:03:32	Decompiling classes4.dex with JADX	ОК
2025-09-01 09:03:42	Decompiling classes.dex with JADX	ОК

2025-09-01 09:03:51	Decompiling classes3.dex with JADX	ОК
2025-09-01 09:03:55	Decompiling classes5.dex with JADX	ОК
2025-09-01 09:03:59	Decompiling classes2.dex with JADX	ОК
2025-09-01 09:04:08	Decompiling classes4.dex with JADX	ОК
2025-09-01 09:04:19	Decompiling classes.dex with JADX	ОК
2025-09-01 09:04:29	Decompiling classes3.dex with JADX	ОК
2025-09-01 09:04:33	Decompiling classes5.dex with JADX	ОК
2025-09-01 09:04:37	Converting DEX to Smali	ОК
2025-09-01 09:04:37	Code Analysis Started on - java_source	ОК
2025-09-01 09:04:43	Android SBOM Analysis Completed	ОК

2025-09-01 09:04:47	Android SAST Completed	ОК
2025-09-01 09:04:47	Android API Analysis Started	ОК
2025-09-01 09:04:51	Android API Analysis Completed	ОК
2025-09-01 09:04:52	Android Permission Mapping Started	ОК
2025-09-01 09:04:55	Android Permission Mapping Completed	ОК
2025-09-01 09:04:55	Android Behaviour Analysis Started	ОК
2025-09-01 09:05:01	Android Behaviour Analysis Completed	ОК
2025-09-01 09:05:01	Extracting Emails and URLs from Source Code	ОК
2025-09-01 09:05:05	Email and URL Extraction Completed	ОК
2025-09-01 09:05:05	Extracting String data from APK	ОК
2025-09-01 09:05:06	Extracting String data from Code	ОК

2025-09-01 09:05:06	Extracting String values and entropies from Code	OK
2025-09-01 09:05:12	Performing Malware check on extracted domains	ОК
2025-09-01 09:05:15	Saving to Database	ОК

#### Report Generated by - MobSF v4.4.0

Mobile Security Framework (MobSF) is an automated, all-in-one mobile application (Android/iOS/Windows) pen-testing, malware analysis and security assessment framework capable of performing static and dynamic analysis.

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