MOBSF

ANDROID STATIC ANALYSIS REPORT

app_icon

🤖 Sleep Monitor (v2.8.1.2)

File Name:	com.sleepmonitor.aio_484.apk
Package Name:	com.sleepmonitor.aio
Scan Date:	Sept. 1, 2025, 9:05 a.m.
App Security Score:	**43/100 (MEDIUM RISK)**

Grade:

B

Trackers Detection: 6/432

🥧 FINDINGS SEVERITY

🐞 HIGH	⚠ MEDIUM	ℹ INFO	✔ SECURE	🔍 HOTSPOT
5	23	4	1	6

📦 FILE INFORMATION

File Name: com.sleepmonitor.aio_484.apk
Size: 74.67MB
MD5: 15246f46280024353a93053e6bc506ff
SHA1: aa97213ac749ce82e404744b5c1e142833374c35
SHA256: 34a3c80901d11e842c90531f16186647ad9a74755a396e00c474823a11eaeb6f

ℹ APP INFORMATION

App Name: Sleep Monitor
Package Name: com.sleepmonitor.aio

Main Activity: com.sleepmonitor.aio.activity.SplashActivity
Target SDK: 34
Min SDK: 25
Max SDK:
Android Version Name: v2.8.1.2
Android Version Code: 484

▦ APP COMPONENTS

Activities: 120
Services: 16
Receivers: 18
Providers: 6
Exported Activities: 3
Exported Services: 2
Exported Receivers: 6
Exported Providers: 0

✺ CERTIFICATE INFORMATION

Binary is signed
v1 signature: False
v2 signature: True
v3 signature: True
v4 signature: False
X.509 Subject: CN=iMobLife
Signature Algorithm: rsassa_pkcs1v15
Valid From: 2010-02-01 08:07:28+00:00
Valid To: 2110-01-08 08:07:28+00:00
Issuer: CN=iMobLife
Serial Number: 0x4b668bc0
Hash Algorithm: sha1
md5: 199cbb1a1ae5a1d04a978475a4ab6eaf
sha1: 971da0d8842f7539c666f87b74676c4548c26341
sha256: b8b9a8b347e102532cf3596f9f29a8465210e4c1aa7c407bd78ffd3f3706f8dc
sha512: 69376b2865aac48ed432dce3287baff24eebd8605c4539e9f7b4470e0376a5fc9ad8c687ac13301cbfd7f59ef1c5aebdadf6dce9f5099d9de429fa00dfb052b5
PublicKey Algorithm: rsa
Bit Size: 1024
Fingerprint: 7e6758fd9475f68497fdb53fa473a6bb9c77edcc406b934056c3bc8c7efc0f67
Found 1 unique certificates

≔ APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.ACCESS_NOTIFICATION_POLICY	normal	marker permission for accessing notification policy.	Marker permission for applications that wish to access notification policy.
android.permission.FOREGROUND_SERVICE	normal	enables regular apps to use Service.startForeground.	Allows a regular application to use Service.startForeground.
android.permission.INTERNET	normal	full Internet access	Allows an application to create network sockets.
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.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.READ_EXTERNAL_STORAGE	dangerous	read external storage contents	Allows an application to read from external storage.
android.permission.RECORD_AUDIO	dangerous	record audio	Allows application to access the audio record path.
android.permission.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
android.permission.WRITE_EXTERNAL_STORAGE	dangerous	read/modify/delete external storage contents	Allows an application to write to external storage.
android.permission.VIBRATE	normal	control vibrator	Allows the application to control the vibrator.
com.android.vending.BILLING	normal	application has in-app purchases	Allows an application to make in-app purchases from Google Play.
android.permission.ACCESS_NETWORK_STATE	normal	view network status	Allows an application to view the status of all networks.
android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS	normal	permission for using Settings.ACTION_REQUEST_IGNORE_BATTERY_OPTIMIZATIONS.	Permission an application must hold in order to use Settings.ACTION_REQUEST_IGNORE_BATTERY_OPTIMIZATIONS.
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.POST_NOTIFICATIONS	dangerous	allows an app to post notifications.	Allows an app to post notifications
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.FOREGROUND_SERVICE_MICROPHONE	normal	permits foreground services with microphone use.	Allows a regular application to use Service.startForeground with the type "microphone".
android.permission.FOREGROUND_SERVICE_MEDIA_PLAYBACK	normal	enables foreground services for media playback.	Allows a regular application to use Service.startForeground with the type "mediaPlayback".
com.google.android.c2dm.permission.RECEIVE	normal	recieve push notifications	Allows an application to receive push notifications from cloud.
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.
com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE	normal	permission defined by google	A custom permission defined by Google.
com.sleepmonitor.aio.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION	unknown	Unknown permission	Unknown permission from android reference
android.permission.ACCESS_WIFI_STATE	normal	view Wi-Fi status	Allows an application to view the information about the status of Wi-Fi.

🔍 APKID ANALYSIS

FILE	DETAILS

FILE	DETAILS
15246f46280024353a93053e6bc506ff.apk	**FINDINGS** / **DETAILS** Anti-VM Code — possible VM check
classes.dex	**FINDINGS** / **DETAILS** Anti-VM Code — Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.BRAND check Build.DEVICE check Build.PRODUCT check SIM operator check network operator name check Compiler — r8 without marker (suspicious)
classes2.dex	**FINDINGS** / **DETAILS** Anti-VM Code — Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.TAGS check Compiler — r8 without marker (suspicious)
classes3.dex	**FINDINGS** / **DETAILS** Anti Debug Code — Debug.isDebuggerConnected() check Anti-VM Code — Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.TAGS check SIM operator check possible VM check Compiler — r8 without marker (suspicious)

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

BROWSABLE ACTIVITIES

ACTIVITY	INTENT
com.sleepmonitor.aio.activity.SplashActivity	Schemes: sm://, sleepmonitor://, Hosts: sleep.emobistudio.com, emobistudio, Path Prefixes: /sleepmonitor,
com.sleepmonitor.aio.activity.InAppMessageActivity	Schemes: sm://, Hosts: sleep.sleepmonitor.com, Path Prefixes: /message,
com.sensorsdata.analytics.android.sdk.dialog.SchemeActivity	Schemes: saf80e1418://,

NETWORK SECURITY

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

NO	SCOPE	SEVERITY	DESCRIPTION
1	127.0.0.1 192.168.1.97 192.168.1.90 34.202.110.64 d3r8mhnsi638l9.cloudfront.net	high	Domain config is insecurely configured to permit clear text traffic to these domains in scope.

CERTIFICATE ANALYSIS

HIGH: **1** | WARNING: **0** | INFO: **1**

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

MANIFEST ANALYSIS

NO	ISSUE	SEVERITY	DESCRIPTION
1	App can be installed on a vulnerable unpatched Android version Android 7.1-7.1.2, [minSdk=25]	high	This application can be installed on an older version of android that has multiple unfixed vulnerabilities. These devices won't receive reasonable security updates from Google. Support an Android version => 10, API 29 to receive reasonable security updates.
2	App has a Network Security Configuration [android:networkSecurityConfig=@xml/network_security_config]	info	The Network Security Configuration feature lets apps customize their network security settings in a safe, declarative configuration file without modifying app code. These settings can be configured for specific domains and for a specific app.
3	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.
4	Activity (com.sleepmonitor.aio.alarm.RemindDialogActivity) 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.sleepmonitor.aio.activity.InAppMessageActivity) 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	Broadcast Receiver (com.sleepmonitor.control.boot.BootEventReceiver) 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.sleepmonitor.aio.alarm.RemindReceiver) 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.
8	Broadcast Receiver (com.adjust.sdk.AdjustReferrerReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.INSTALL_PACKAGES [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.
9	Activity (com.sensorsdata.analytics.android.sdk.dialog.SchemeActivity) 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.
10	Service (androidx.work.impl.background.systemjob.SystemJobService) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.BIND_JOB_SERVICE [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
11	Broadcast Receiver (androidx.work.impl.diagnostics.DiagnosticsReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.DUMP [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
12	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.

NO	ISSUE	SEVERITY	DESCRIPTION
13	Service (com.google.android.gms.auth.api.signin.RevocationBoundService) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.gms.auth.api.signin.permission.REVOCATION_NOTIFICATION [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
14	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.
15	High Intent Priority (9999) - {3} Hit(s) [android:priority]	warning	By setting an intent priority higher than another intent, the app effectively overrides other requests.

</> CODE ANALYSIS

HIGH: **1** | WARNING: **8** | INFO: **3** | SECURE: **1** | SUPPRESSED: **0**

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/bumptech/glide/b.java com/bumptech/glide/disklrucache/b.java com/bumptech/glide/gifdecoder/d.java com/bumptech/glide/gifdecoder/f.java com/bumptech/glide/load/data/j.java com/bumptech/glide/load/data/mediastore/e.java com/bumptech/glide/load/engine/bitmap_recycle/j.java com/bumptech/glide/load/engine/bitmap_recycle/l.java com/bumptech/glide/load/engine/cache/MemorySizeCalculator.java com/bumptech/glide/load/engine/cache/e.java com/bumptech/glide/load/engine/h.java com/bumptech/glide/load/engine/i.java com/bumptech/glide/load/engine/k.java com/bumptech/glide/load/engine/prefill/a.java com/bumptech/glide/load/engine/y.java com/bumptech/glide/load/model/s.java com/bumptech/glide/load/model/t.java com/bumptech/glide/load/resource/bitmap/DefaultImageHeaderParser.java com/bumptech/glide/load/resource/bitmap/c0.java com/bumptech/glide/load/resource/bitmap/e.java com/bumptech/glide/load/resource/bitmap/g.java com/bumptech/glide/load/resource/bitmap/m0.java com/bumptech/glide/load/resource/bitmap/w.java com/bumptech/glide/load/resource/bitmap/x.java com/bumptech/glide/load/resource/gif/ByteBufferGifDecoder.java com/bumptech/glide/load/resource/j.java com/bumptech/glide/manager/q.java com/bumptech/glide/module/ManifestParser.java com/bumptech/glide/request/k.java com/bumptech/glide/request/target/f.java com/bumptech/glide/request/target/r.java com/bumptech/glide/util/b.java com/bumptech/glide/util/pool/a.java com/sensorsdata/analytics/android/autotrack/core/AutoTrackContextHelper.java com/sensorsdata/analytics/android/autotrack/core/autotrack/ActivityLifecycleCallbacks.java com/sensorsdata/analytics/android/autotrack/core/autotrack/FragmentViewScreen

NO	ISSUE	SEVERITY	STANDARDS	FILES
1	The App logs information. Sensitive information should never be logged.	info	CWE: CWE-532: Insertion of Sensitive Information into Log File OWASP MASVS: MSTG-STORAGE-3	com/sensorsdata/analytics/android/autotrack/core/autotrack/FragmentViewScreenCallbacks.java com/sensorsdata/analytics/android/autotrack/core/impl/AutoTrackProtocolIml.java com/sensorsdata/analytics/android/autotrack/core/pageleave/FragmentPageLeaveCallbacks.java com/sensorsdata/analytics/android/sdk/AbstractSensorsDataAPI.java com/sensorsdata/analytics/android/sdk/AnalyticsMessages.java com/sensorsdata/analytics/android/sdk/SensorsDataAPI.java com/sensorsdata/analytics/android/sdk/advert/deeplink/ChannelDeepLink.java com/sensorsdata/analytics/android/sdk/advert/deeplink/DeepLinkManager.java com/sensorsdata/analytics/android/sdk/advert/impl/SAAdvertProtocolImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/OAIDRom.java com/sensorsdata/analytics/android/sdk/advert/oaid/SAOaidHelper.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/AsusImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/CoolpadImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/HuaweiImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/LenovoImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/MeizuImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/NubiaImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/OAIDFactory.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/OppoImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/SamsungImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/VivoImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/XiaomiImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/ZTEImpl.java com/sensorsdata/analytics/android/sdk/advert/scan/ChannelDebugScanHelper.java com/sensorsdata/analytics/android/sdk/advert/utils/SAAdvertUtils.java com/sensorsdata/analytics/android/sdk/aop/push/PushAutoTrackHelper.java com/sensorsdata/analytics/android/sdk/core/business/SAPluginVersion.java com/sensorsdata/analytics/android/sdk/core/event/imp/BaseEventAssemble.java com/sensorsdata/analytics/android/sdk/core/event/imp/H5TrackAssemble.java com/sensorsdata/analytics/android/sdk/core/event/imp/ItemEventAssemble.java com/sensorsdata/analytics/android/sdk/core/event/imp/StoreDataImpl.java com/sensorsdata/analytics/android/sdk/core/event/imp/TrackEventAssemble.java com/sensorsdata/analytics/android/sdk/core/mediator/SAModuleManager.java com/sensorsdata/analytics/android/sdk/data/SAProviderHelper.java com/sensorsdata/analytics/android/sdk/data/SensorsDataDBHelper.java com/sensorsdata/analytics/android/sdk/data/adapter/DataOperation.java com/sensorsdata/analytics/android/sdk/data/adapter/EncryptDataOperation.java com/sensorsdata/analytics/android/sdk/data/adapter/EventDataOperation.java com/sensorsdata/analytics/android/sdk/data/adapter/TransportEncryption.java com/sensorsdata/analytics/android/sdk/data/persistent/PersistentSuperProperties.java com/sensorsdata/analytics/android/sdk/dialog/SchemeActivity.java com/sensorsdata/analytics/android/sdk/dialog/SensorsDataDialogUtils.java com/sensorsdata/analytics/android/sdk/encrypt/AESSecretManager.java com/sensorsdata/analytics/android/sdk/encrypt/biz/SecretKeyManager.java com/sensorsdata/analytics/android/sdk/encrypt/encryptor/SAECEncrypt.java com/sensorsdata/analytics/android/sdk/encrypt/impl/SAEncryptAPIImpl.java com/sensorsdata/analytics/android/sdk/encrypt/utils/EncryptUtils.java com/sensorsdata/analytics/android/sdk/exposure/AppPageChange.java com/sensorsdata/analytics/android/sdk/exposure/ExposedPage.java com/sensorsdata/analytics/android/sdk/exposure/ExposedTransform.java com/sensorsdata/analytics/android/sdk/exposure/ExposureVisible.java com/sensorsdata/analytics/android/sdk/exposure/SAExposedProcess.java com/sensorsdata/analytics/android/sdk/exposure/StayDurationRunnable.java com/sensorsdata/analytics/android/sdk/jsbridge/AppWebViewInterface.java com/sensorsdata/analytics/android/sdk/jsbridge/H5Helper.java com/sensorsdata/analytics/android/sdk/jsbridge/JSHookAop.java com/sensorsdata/analytics/android/sdk/network/HttpConfig.java com/sensorsdata/analytics/android/sdk/network/RealRequest.java com/sensorsdata/analytics/android/sdk/plugin/encrypt/AbstractStoreManager.java com/sensorsdata/analytics/android/sdk/plugin/property/PropertyPluginManager.java com/sensorsdata/analytics/android/sdk/push/core/PushProcess.java com/sensorsdata/analytics/android/sdk/remote/BaseSensorsDataSDKRemoteMana

NO	ISSUE	SEVERITY	STANDARDS	FILES
				ger.java com/sensorsdata/analytics/android/sdk/remote/SensorsDataRemoteManager.java com/sensorsdata/analytics/android/sdk/remote/SensorsDataRemoteManagerDebug.java com/sensorsdata/analytics/android/sdk/useridentity/Identities.java com/sensorsdata/analytics/android/sdk/useridentity/LoginIDAndKey.java com/sensorsdata/analytics/android/sdk/useridentity/UserIdentityAPI.java com/sensorsdata/analytics/android/sdk/util/AppInfoUtils.java com/sensorsdata/analytics/android/sdk/util/AppStateTools.java com/sensorsdata/analytics/android/sdk/util/DeviceUtils.java com/sensorsdata/analytics/android/sdk/util/NetworkUtils.java com/sensorsdata/analytics/android/sdk/util/Pathfinder.java com/sensorsdata/analytics/android/sdk/util/PermissionUtils.java com/sensorsdata/analytics/android/sdk/util/SADataHelper.java com/sensorsdata/analytics/android/sdk/util/SASchemeHelper.java com/sensorsdata/analytics/android/sdk/util/SASpUtils.java com/sensorsdata/analytics/android/sdk/util/SAViewUtils.java com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java com/sensorsdata/analytics/android/sdk/util/ThreadUtils.java com/sensorsdata/analytics/android/sdk/util/ToastUtil.java com/sensorsdata/analytics/android/sdk/util/WebUtils.java com/sensorsdata/analytics/android/sdk/visual/AbstractNodesManager.java com/sensorsdata/analytics/android/sdk/visual/AbstractViewCrawler.java com/sensorsdata/analytics/android/sdk/visual/HeatMapService.java com/sensorsdata/analytics/android/sdk/visual/ViewSnapshot.java com/sensorsdata/analytics/android/sdk/visual/VisualDebugHelper.java com/sensorsdata/analytics/android/sdk/visual/VisualizedAutoTrackService.java com/sensorsdata/analytics/android/sdk/visual/WebViewVisualInterface.java com/sensorsdata/analytics/android/sdk/visual/impl/VisualProtocolImpl.java com/sensorsdata/analytics/android/sdk/visual/property/VisualConfigRequestHelper.java com/sensorsdata/analytics/android/sdk/visual/property/VisualPropertiesCache.java com/sensorsdata/analytics/android/sdk/visual/property/VisualPropertiesManager.java com/sensorsdata/analytics/android/sdk/visual/snap/Caller.java com/sensorsdata/analytics/android/sdk/visual/snap/ResourceReader.java com/sensorsdata/analytics/android/sdk/visual/utils/AlertMessageUtils.java com/sensorsdata/analytics/android/sdk/visual/view/PairingCodeEditDialog.java com/sensorsdata/analytics/android/sdk/visual/view/PairingCodeRequestHelper.java com/sleepmonitor/control/alarm/c.java e5/b.java io/grpc/okhttp/internal/h.java org/greenrobot/eventbus/f.java p0/a.java rx/internal/util/g.java rx/internal/util/n.java rx/internal/util/o.java
2	This App uses SSL certificate pinning to detect or prevent MITM attacks in secure communication channel.	secure	OWASP MASVS: MSTG-NETWORK-4	com/sleepmonitor/aio/network/c.java io/grpc/okhttp/i.java io/grpc/util/b.java
3	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/danikula/videocache/sourcestorage/a.java com/sensorsdata/analytics/android/sdk/data/OldBDatabaseHelper.java com/sensorsdata/analytics/android/sdk/data/SensorsDataDBHelper.java com/sleepmonitor/aio/activity/SplashActivity.java com/sleepmonitor/model/a.java com/sleepmonitor/model/d.java com/sleepmonitor/model/f.java com/sleepmonitor/model/i.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
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/adjust/sdk/Constants.java com/bumptech/glide/load/engine/d.java com/bumptech/glide/load/engine/p.java com/bumptech/glide/load/engine/w.java com/bumptech/glide/load/h.java com/sensorsdata/analytics/android/sdk/advert/utils/ChannelUtils.java com/sensorsdata/analytics/android/sdk/core/mediator/Modules.java com/sensorsdata/analytics/android/sdk/data/adapter/DbParams.java com/sensorsdata/analytics/android/sdk/encrypt/biz/SecretKeyManager.java com/sensorsdata/analytics/android/sdk/encrypt/impl/SAEncryptAPIImpl.java com/sensorsdata/analytics/android/sdk/plugin/encrypt/AbstractStoreManager.java com/sensorsdata/analytics/android/sdk/plugin/encrypt/SAStoreManager.java com/sensorsdata/analytics/android/sdk/useridentity/Identities.java com/sensorsdata/analytics/android/sdk/util/SADataHelper.java com/sleepmonitor/aio/bean/Discover.java io/grpc/internal/m3.java
5	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/sensorsdata/analytics/android/sdk/advert/oaid/impl/OppoImpl.java com/sleepmonitor/aio/vip/a.java e0/a.java
6	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/adjust/sdk/Util.java com/sleepmonitor/aio/firebase/MyFirebaseMessagingService.java com/sleepmonitor/aio/music/MusicPlayerUtils.java com/sleepmonitor/aio/record/x.java com/sleepmonitor/aio/viewmodel/MusicListViewModel.java com/sleepmonitor/control/a.java com/sleepmonitor/view/widget/PopularView.java com/sleepmonitor/view/widget/SnowFlakesLayout.java io/grpc/internal/c2.java io/grpc/internal/h0.java io/grpc/internal/j0.java io/grpc/internal/k2.java io/grpc/okhttp/l.java io/grpc/util/j.java io/grpc/util/l.java util/x0.java y4/a.java
7	IP Address disclosure	warning	CWE: CWE-200: Information Exposure OWASP MASVS: MSTG-CODE-2	com/danikula/videocache/HttpProxyCacheServer.java io/grpc/okhttp/b0.java io/grpc/okhttp/l.java w3/a.java
8	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/airbnb/lottie/network/g.java com/danikula/videocache/q.java com/sensorsdata/analytics/android/sdk/visual/ViewSnapshot.java util/x1.java
9	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/danikula/videocache/t.java com/github/mikephil/charting/charts/Chart.java com/github/mikephil/charting/utils/d.java com/orhanobut/logger/c.java com/sleepmonitor/aio/activity/SleepDiaryActivity.java g7/a.java util/c1.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
10	App can write to App Directory. Sensitive Information should be encrypted.	info	CWE: CWE-276: Incorrect Default Permissions OWASP MASVS: MSTG-STORAGE-14	com/sleepmonitor/aio/viewmodel/MainViewModel.java com/sleepmonitor/aio/viewmodel/SplashViewModel.java com/sleepmonitor/aio/vip/main/MainMenuVipBaseActivity.java com/sleepmonitor/aio/vip/noise/NoiseVipBaseActivity.java v/b.java
11	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/sleepmonitor/aio/activity/MyGiftCodeActivity.java
12	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/github/lzyzsd/jsbridge/BridgeWebView.java
13	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/sensorsdata/analytics/android/webview/impl/SAWebViewProtocolImpl.java

🪪 NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION

🕸 BEHAVIOUR ANALYSIS

RULE ID	BEHAVIOUR	LABEL	FILES
00013	Read file and put it into a stream	file	com/adjust/sdk/PreinstallUtil.java com/airbnb/lottie/network/g.java com/airbnb/lottie/network/h.java com/bumptech/glide/disklrucache/b.java com/bumptech/glide/load/e.java com/bumptech/glide/load/model/g.java com/bumptech/glide/load/resource/bitmap/d0.java com/naman14/androidlame/WaveReader.java com/sensorsdata/analytics/android/sdk/util/AppInfoUtils.java com/sensorsdata/analytics/android/sdk/util/FileUtils.java com/sleepmonitor/aio/viewmodel/AudioItemViewModel.java com/sleepmonitor/aio/vip/a.java g7/a.java io/grpc/util/a.java io/grpc/util/b.java io/grpc/x2.java io/grpc/y2.java okio/a1.java org/tensorflow/lite/support/common/a.java org/tensorflow/lite/task/core/TaskJniUtils.java t/j.java util/u.java v/a.java y/k.java

RULE ID	BEHAVIOUR	LABEL	FILES
00009	Put data in cursor to JSON object	file	com/sensorsdata/analytics/android/sdk/data/adapter/EncryptDataOperation.java com/sensorsdata/analytics/android/sdk/data/adapter/EventDataOperation.java com/sensorsdata/analytics/android/sdk/data/adapter/PersistentDataOperation.java
00125	Check if the given file path exist	file	com/sleepmonitor/aio/activity/SleepDiaryActivity.java com/sleepmonitor/aio/fragment/FavoriteNoiseFragment.java com/sleepmonitor/aio/fragment/MusicMixFragment.java t/f.java
00183	Get current camera parameters and change the setting.	camera	net/kibotu/heartrateometer/camera/c.java
00089	Connect to a URL and receive input stream from the server	command network	com/bumptech/glide/load/data/j.java com/danikula/videocache/j.java com/sensorsdata/analytics/android/sdk/AnalyticsMessages.java com/sensorsdata/analytics/android/sdk/advert/utils/SAAdvertUtils.java com/sensorsdata/analytics/android/sdk/network/RealRequest.java com/sensorsdata/analytics/android/sdk/visual/AbstractViewCrawler.java e0/c.java
00030	Connect to the remote server through the given URL	network	com/adjust/sdk/AdjustLinkResolution.java com/airbnb/lottie/network/b.java com/bumptech/glide/load/data/j.java com/sensorsdata/analytics/android/sdk/network/RealRequest.java
00109	Connect to a URL and get the response code	network command	com/bumptech/glide/load/data/j.java com/danikula/videocache/j.java com/sensorsdata/analytics/android/sdk/AnalyticsMessages.java com/sensorsdata/analytics/android/sdk/advert/utils/SAAdvertUtils.java com/sensorsdata/analytics/android/sdk/dialog/SensorsDataDialogUtils.java com/sensorsdata/analytics/android/sdk/network/RealRequest.java com/sensorsdata/analytics/android/sdk/visual/AbstractViewCrawler.java
00077	Read sensitive data(SMS, CALLLOG, etc)	collection sms calllog calendar	com/adjust/sdk/DeviceInfo.java com/bumptech/glide/load/data/mediastore/c.java com/sensorsdata/analytics/android/sdk/data/SAProviderHelper.java com/sensorsdata/analytics/android/sdk/data/adapter/DataOperation.java com/sleepmonitor/view/dialog/w.java g7/a.java
00012	Read data and put it into a buffer stream	file	com/naman14/androidlame/WaveReader.java com/sensorsdata/analytics/android/sdk/util/FileUtils.java
00022	Open a file from given absolute path of the file	file	com/airbnb/lottie/d0.java com/airbnb/lottie/network/g.java com/airbnb/lottie/network/h.java com/danikula/videocache/file/e.java com/github/mikephil/charting/charts/Chart.java com/orhanobut/logger/c.java com/sleepmonitor/aio/vip/a.java com/sleepmonitor/control/SleepSamplingService.java com/sleepmonitor/control/play/b.java g7/a.java util/c1.java util/u.java
00005	Get absolute path of file and put it to JSON object	file	com/airbnb/lottie/d0.java com/sleepmonitor/aio/vip/a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00024	Write file after Base64 decoding	reflection file	com/airbnb/lottie/d0.java
00004	Get filename and put it to JSON object	file collection	b0/a.java com/airbnb/lottie/d0.java com/sleepmonitor/aio/vip/a.java t/f.java y/c.java
00096	Connect to a URL and set request method	command network	com/airbnb/lottie/network/b.java com/sensorsdata/analytics/android/sdk/AnalyticsMessages.java com/sensorsdata/analytics/android/sdk/advert/utils/SAAdvertUtils.java com/sensorsdata/analytics/android/sdk/dialog/SensorsDataDialogUtils.java com/sensorsdata/analytics/android/sdk/network/RealRequest.java com/sensorsdata/analytics/android/sdk/visual/AbstractViewCrawler.java
00003	Put the compressed bitmap data into JSON object	camera	com/sensorsdata/analytics/android/sdk/visual/ViewSnapshot.java q/g.java
00091	Retrieve data from broadcast	collection	com/sensorsdata/analytics/android/sdk/aop/push/PushAutoTrackHelper.java
00162	Create InetSocketAddress object and connecting to it	socket	io/grpc/okhttp/internal/h.java
00163	Create new Socket and connecting to it	socket	com/adjust/sdk/network/ActivityPackageSender.java io/grpc/okhttp/internal/h.java
00063	Implicit intent(view a web page, make a phone call, etc.)	control	com/adjust/sdk/ActivityHandler.java com/adjust/sdk/PreinstallUtil.java com/sensorsdata/analytics/android/sdk/util/NetworkUtils.java com/sensorsdata/analytics/android/sdk/visual/view/PairingCodeRequestHelper.java com/sleepmonitor/aio/activity/HeartRateTipsActivity.java com/sleepmonitor/aio/activity/WebViewActivity.java com/sleepmonitor/aio/firebase/MessageRouterActivity.java com/sleepmonitor/aio/music/service/MusicPlayService.java com/sleepmonitor/aio/vip/PayWebViewActivity.java com/sleepmonitor/view/dialog/w.java f7/b.java util/n0.java util/s.java util/v0.java
00036	Get resource file from res/raw directory	reflection	com/adjust/sdk/ActivityHandler.java com/adjust/sdk/DeviceInfo.java com/adjust/sdk/InstallReferrerHuawei.java com/sleepmonitor/aio/activity/HeartRateTipsActivity.java f7/b.java util/n0.java util/v0.java
00189	Get the content of a SMS message	sms	com/adjust/sdk/DeviceInfo.java g7/a.java
00188	Get the address of a SMS message	sms	com/adjust/sdk/DeviceInfo.java g7/a.java
00200	Query data from the contact list	collection contact	com/adjust/sdk/DeviceInfo.java g7/a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00201	Query data from the call log	collection calllog	com/adjust/sdk/DeviceInfo.java g7/a.java
00112	Get the date of the calendar event	collection calendar	com/haibin/calendarview/e.java com/sleepmonitor/aio/activity/Challenge5Activity.java com/sleepmonitor/aio/activity/ChallengeActivity.java com/sleepmonitor/aio/viewmodel/CalendarDialogViewModel.java com/sleepmonitor/aio/viewmodel/RecordDayViewModel.java util/v0.java
00051	Implicit intent(view a web page, make a phone call, etc.) via setData	control	com/sensorsdata/analytics/android/sdk/visual/view/PairingCodeRequestHelper.java f7/b.java util/n0.java util/v0.java
00014	Read file into a stream and put it into a JSON object	file	com/sleepmonitor/aio/vip/a.java t/j.java v/a.java y/k.java
00034	Query the current data network type	collection network	com/sensorsdata/analytics/android/sdk/util/NetworkUtils.java
00094	Connect to a URL and read data from it	command network	com/danikula/videocache/j.java com/sensorsdata/analytics/android/sdk/visual/AbstractViewCrawler.java d2/a.java
00108	Read the input stream from given URL	network command	com/danikula/videocache/j.java com/sensorsdata/analytics/android/sdk/visual/AbstractViewCrawler.java
00191	Get messages in the SMS inbox	sms	com/adjust/sdk/DeviceInfo.java com/adjust/sdk/InstallReferrerMeta.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/MeizuImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/VivoImpl.java
00011	Query data from URI (SMS, CALLLOGS)	sms calllog collection	com/adjust/sdk/DeviceInfo.java com/sleepmonitor/view/dialog/w.java
00056	Modify voice volume	control	cn/jzvd/Jzvd.java
00062	Query WiFi information and WiFi Mac Address	wifi collection	com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00130	Get the current WIFI information	wifi collection	com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00033	Query the IMEI number	collection	com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00116	Get the current WiFi MAC address and put it into JSON	wifi collection	com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00076	Get the current WiFi information and put it into JSON	collection wifi	com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00083	Query the IMEI number	collection telephony	com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00082	Get the current WiFi MAC address	collection wifi	com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00023	Start another application from current application	reflection control	util/v0.java

🗄 FIREBASE DATABASES ANALYSIS

TITLE	SEVERITY	DESCRIPTION
App talks to a Firebase database	info	The app talks to Firebase database at https://sleep-monitor-35948.firebaseio.com
Firebase Remote Config enabled	warning	The Firebase Remote Config at https://firebaseremoteconfig.googleapis.com/v1/projects/1087612375963/namespaces/firebase:fetch?key=AIzaSyB18qt6fXyLz9DlpMU0ySablMaIaLloUdI is enabled. Ensure that the configurations are not sensitive '["01f5edeac5f466c7","0d02ae7c51761ecf","53417ce45b3d5db7","7616b92964105f6e","937e96bf75d9fcb5","ae779807a5264777","c99ad04c1e49936c","dadd7040d42b7320","dd170e94424303e2","df3411dc01d97e44","e5f86adec6ea3af2","0c1b... 'Guide_close_pay1': '2', 'Inapp_pay_cancel': '1', 'Inapp_pay_close': '1', 'OldUser_Guide_Pay1': '1', 'OldUser_Pay3': '2', 'OldUser_Popup': '1', 'OldUser_noise': '2', 'Pay1_CancelPopup': '3', 'Pay1_Reguide_Retaining': '2', 'PriceTest_Pay1': '0', 'PriceTest_Pay... {'experimentId': '_exp_151', 'variantId': '0', 'experimentStartTime': '2025-07-30T07:08:19.194Z', 'triggerTimeoutMillis': '15552000000', 'timeToLiveMillis': '15552000000'}], 'templateVersion': '1742'}

⦂⦂ ABUSED PERMISSIONS

TYPE	MATCHES	PERMISSIONS
Malware Permissions	10/25	android.permission.INTERNET, android.permission.RECEIVE_BOOT_COMPLETED, android.permission.READ_EXTERNAL_STORAGE, android.permission.RECORD_AUDIO, android.permission.WAKE_LOCK, android.permission.WRITE_EXTERNAL_STORAGE, android.permission.VIBRATE, android.permission.ACCESS_NETWORK_STATE, android.permission.CAMERA, android.permission.ACCESS_WIFI_STATE
Other Common Permissions	6/44	android.permission.ACCESS_NOTIFICATION_POLICY, android.permission.FOREGROUND_SERVICE, android.permission.REQUEST_IGNORE_BATTERY_OPTIMIZATIONS, com.google.android.gms.permission.AD_ID, com.google.android.c2dm.permission.RECEIVE, com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE

Malware Permissions:
Top permissions that are widely abused by known malware.

Other Common Permissions:
Permissions that are commonly abused by known malware.

❗ OFAC SANCTIONED COUNTRIES

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

DOMAIN	COUNTRY/REGION
app.adjust.cn	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou
subscription.adjust.cn	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou
gdpr.adjust.cn	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou

DOMAIN	COUNTRY/REGION
ssrv.adjust.cn	IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou

⌕ DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
app.adjust.cn	ok	**IP:** 47.104.30.117 **Country:** China **Region:** Zhejiang **City:** Hangzhou **Latitude:** 30.293650 **Longitude:** 120.161423 **View:** Google Map
app.eu.adjust.com	ok	**IP:** 185.151.204.60 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
gdpr.adjust.world	ok	**IP:** 185.151.204.40 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
gdpr.tr.adjust.com	ok	**IP:** 195.244.54.5 **Country:** Turkey **Region:** Izmir **City:** Izmir **Latitude:** 38.412731 **Longitude:** 27.138380 **View:** Google Map
app.adjust.net.in	ok	**IP:** 185.151.204.31 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
app.adjust.com	ok	**IP:** 185.151.204.14 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
gdpr.adjust.com	ok	**IP:** 185.151.204.51 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
subscription.tr.adjust.com	ok	**IP:** 195.244.54.5 **Country:** Turkey **Region:** Izmir **City:** Izmir **Latitude:** 38.412731 **Longitude:** 27.138380 **View:** Google Map
ssrv.us.adjust.com	ok	**IP:** 185.151.204.70 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
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
subscription.adjust.world	ok	**IP:** 185.151.204.44 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
github.com	ok	**IP:** 140.82.113.3 **Country:** United States of America **Region:** California **City:** San Francisco **Latitude:** 37.775700 **Longitude:** -122.395203 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
firebase.google.com	ok	**IP:** 142.250.74.110 **Country:** United States of America **Region:** California **City:** Mountain View **Latitude:** 37.405991 **Longitude:** -122.078514 **View:** Google Map
ssrv.adjust.world	ok	**IP:** 185.151.204.206 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
manual.sensorsdata.cn	ok	**IP:** 47.246.23.177 **Country:** United States of America **Region:** California **City:** San Jose **Latitude:** 37.339390 **Longitude:** -121.894958 **View:** Google Map
ssrv.adjust.net.in	ok	**IP:** 185.151.204.207 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
ssrv.adjust.com	ok	**IP:** 185.151.204.2 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
gdpr.eu.adjust.com	ok	**IP:** 185.151.204.60 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
subscription.eu.adjust.com	ok	**IP:** 185.151.204.60 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
34.202.110.64	ok	**IP:** 34.202.110.64 **Country:** United States of America **Region:** Virginia **City:** Ashburn **Latitude:** 39.043720 **Longitude:** -77.487488 **View:** Google Map
gdpr.us.adjust.com	ok	**IP:** 185.151.204.70 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
subscription.adjust.cn	ok	**IP:** 47.104.30.117 **Country:** China **Region:** Zhejiang **City:** Hangzhou **Latitude:** 30.293650 **Longitude:** 120.161423 **View:** Google Map
subscription.adjust.net.in	ok	**IP:** 185.151.204.34 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
sleep-monitor-35948.firebaseio.com	ok	**IP:** 35.201.97.85 **Country:** United States of America **Region:** Missouri **City:** Kansas City **Latitude:** 39.099731 **Longitude:** -94.578568 **View:** Google Map
gdpr.adjust.cn	ok	**IP:** 47.104.30.117 **Country:** China **Region:** Zhejiang **City:** Hangzhou **Latitude:** 30.293650 **Longitude:** 120.161423 **View:** Google Map
app.adjust.world	ok	**IP:** 185.151.204.41 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
ssrv.eu.adjust.com	ok	**IP:** 185.151.204.60 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
ssrv.tr.adjust.com	ok	**IP:** 195.244.54.6 **Country:** Turkey **Region:** Izmir **City:** Izmir **Latitude:** 38.412731 **Longitude:** 27.138380 **View:** Google Map
xml.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
subscription.us.adjust.com	ok	**IP:** 185.151.204.70 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
app.tr.adjust.com	ok	**IP:** 195.244.54.6 **Country:** Turkey **Region:** Izmir **City:** Izmir **Latitude:** 38.412731 **Longitude:** 27.138380 **View:** Google Map
gdpr.adjust.net.in	ok	**IP:** 185.151.204.33 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
app.us.adjust.com	ok	**IP:** 185.151.204.70 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
ssrv.adjust.cn	ok	**IP:** 47.104.30.117 **Country:** China **Region:** Zhejiang **City:** Hangzhou **Latitude:** 30.293650 **Longitude:** 120.161423 **View:** Google Map
smlullabies.s3.amazonaws.com	ok	**IP:** 16.15.200.236 **Country:** United States of America **Region:** California **City:** Palo Alto **Latitude:** 37.409912 **Longitude:** -122.160400 **View:** Google Map
subscription.adjust.com	ok	**IP:** 185.151.204.52 **Country:** United States of America **Region:** Arizona **City:** Phoenix **Latitude:** 33.448380 **Longitude:** -112.074043 **View:** Google Map
d2obtd3dy3fvir.cloudfront.net	ok	**IP:** 18.238.92.212 **Country:** United States of America **Region:** Washington **City:** Seattle **Latitude:** 47.627499 **Longitude:** -122.346199 **View:** Google Map
sleepmonitor.emobistudio.com	ok	**IP:** 34.202.110.64 **Country:** United States of America **Region:** Virginia **City:** Ashburn **Latitude:** 39.043720 **Longitude:** -77.487488 **View:** Google Map
d3r8mhnsi638l9.cloudfront.net	ok	**IP:** 18.155.174.47 **Country:** United States of America **Region:** Washington **City:** Seattle **Latitude:** 47.627499 **Longitude:** -122.346199 **View:** Google Map
smlullabiesimage.s3.amazonaws.com	ok	**IP:** 16.182.41.73 **Country:** United States of America **Region:** Washington **City:** Seattle **Latitude:** 47.606209 **Longitude:** -122.332069 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
www.facebook.com	ok	**IP:** 31.13.70.36 **Country:** United States of America **Region:** California **City:** Los Angeles **Latitude:** 34.052231 **Longitude:** -118.243683 **View:** Google Map
en.wikipedia.org	ok	**IP:** 198.35.26.96 **Country:** United States of America **Region:** California **City:** San Francisco **Latitude:** 37.791256 **Longitude:** -122.400810 **View:** Google Map
sleep.emobistudio.com	ok	**IP:** 34.202.110.64 **Country:** United States of America **Region:** Virginia **City:** Ashburn **Latitude:** 39.043720 **Longitude:** -77.487488 **View:** Google Map

✉ EMAILS

EMAIL	FILE
mixed_cover2@3x.png mixed_cover3@3x.png mixed_cover4@3x.png mixed_cover5@3x.png mixed_cover1@3x.png	com/sleepmonitor/aio/activity/MixActivity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/GuideVip51Activity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/GuideVipAuditActivity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/GuideVip23Activity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/GuideVip53Activity.java

EMAIL	FILE
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/GuideVip52Activity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/GuideVipFree41Activity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/GuideVipFree40Activity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/again_vip/GuideVipOldV1Activity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/again_vip/GuideVipAuditOldActivity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/main/MainMenuVip4Activity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/main/MainMenuVip3Activity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/main/MainMenuVip5Activity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/main/MainMenuVipAuditActivity.java
hanging_out@3x.png natural_sound2@3x.png 1_2@3x.png img_meditation4@3x.png	com/sleepmonitor/aio/vip/main/MainMenuVip1Activity.java
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/noise/NoiseVip2Activity.java

EMAIL	FILE
img_1@3x.png img_4@3x.png img_2@3x.png img_3@3x.png	com/sleepmonitor/aio/vip/noise/NoiseVipAuditActivity.java
danikula@gmail.com	com/danikula/videocache/j.java
sleepmonitor.dev@gmail.com	Android String Resource

🕵 TRACKERS

TRACKER	CATEGORIES	URL
Adjust	Analytics	https://reports.exodus-privacy.eu.org/trackers/52
Facebook Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/66
Google AdMob	Advertisement	https://reports.exodus-privacy.eu.org/trackers/312
Google CrashLytics	Crash reporting	https://reports.exodus-privacy.eu.org/trackers/27
Google Firebase Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/49
Sensors Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/248

🔑 HARDCODED SECRETS

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"com.google.firebase.crashlytics.mapping_file_id" : "917c9f2fd27c4e30957ac29823ab86d2"
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▶ PLAYSTORE INFORMATION

Title: Sleep Monitor: Sleep Tracker

Score: 4.3738737 **Installs:** 10,000,000+ **Price:** 0 **Android Version Support: Category:** Health & Fitness **Play Store URL:** com.sleepmonitor.aio

Developer Details: Fasting APP Group, 6102696118242940173, None, http://sleepmonitor.emobistudio.com/, SleepMonitor.dev@gmail.com,

Release Date: Sep 13, 2019 **Privacy Policy:** Privacy link

Description:

How did you sleep last night? ⬜ Sleep Monitor helps you track and record sleep cycle details. Sleep Monitor also has a smart alarm clock to remind you to sleep early at night and wake you up gently in the morning. In addition, Sleep Monitor provides relaxing sleep music to help you sleep better. Key Features: ⬜- New Feature: Sleep Trends Improve sleep quality and develop better sleep habits with weekly and monthly data statistics. ⬜- Record Snoring or Dream Talking Sleep Monitor will record snoring and grinding sounds made during your sleep, listen to them, and find more about your sleep the next morning! For fun! ⬜- Mark Your Sleep Habits If you drink, eat, exercise, have any pathological condition or depressed emotions before sleep, see how these slumber habits can impact your sleep. ⬜- Track Your Sleep Phases Sleepers will have 4 or 5 sleep cycles during the night. Usually, sleepers will pass four sleep stages in one sleep cycle: Non-REM 1(between waking and sleep), Non-REM 2(light sleep), Non-REM 3(deep sleep), and REM (Rapid Eye Movement, when most dreaming happens) sleep. These stages progress cyclically from 1 through REM then begin again with stage 1. A complete sleep cycle takes an average of 90 to 110 minutes, with each stage lasting between 5 to 25 minutes. Sleep Monitor uses both microphone and accelerator sensors to measure body movements and environmental noise changes and then recognize your sleep stages. ⬜- Get Your Sleep Score Sleep Monitor will generate useful information for you after tracking, like sleep score, sleep cycle graphic, sleep statistics, sleep noise audios. Get your daily, weekly, or monthly sleep insights and use those data to help you sleep better. Sleep Monitor is especially helpful for those who want a way to check how their sleep is, and do not want to invest in an accessory like a smart band or smartwatch. ⬜ - Set Smart Alarm Clock Set an alarm for your morning wake-up or nap or set a reminder for bedtime. ⬜- Listen to Soothing Lullabies Suffering from insomnia? Listen to high-quality relaxing music to calm a racing mind before sleep. Fall asleep quickly with different kinds of sleep sounds. ✍ - Write Sleep Notes Take brief notes for your sleep. Write down anything you want so you will never forget about them. ⬜❤⬜⬜Sleep Monitor Target Group - People who are suffering from insomnia, a sleep disorder that is characterized by difficulty falling and/or staying asleep. - People who want to do self-diagnosis whether there are signs of poor sleep quality. - People who care about sleep quality ⬜App Working Requirements √ Place your Android phone near your pillow or bed √ Sleep alone to eliminate interference √ Make sure the battery is enough ⬜⬜Language Support English, Spanish, German, French, Portuguese, Dutch, Polish, Turkish, Finnish, Italian, Hungarian, Slovak, Greek, Bulgarian, Czech, Catalan, Danish, Romanian, Japanese, Korean, Arabic, Persian, Russian, Ukrainian, Breton, Lithuanian, Chinese, Indonesian, Vietnamese ⬜ About Sleep Records Saving Sleep Monitor free version users can save the latest 7 sleep records on the phone; Sleep Monitor pro version users can save up to 30 latest sleep records in the app side and backup all history records on the server-side for later checking. ⬜ Enjoy Sleep Monitor Pro √ Customize sleep factors √ Download audio recordings √ Save 30 and backup all sleep records √ Unlock all sleep music, sleep notes, sleep trends √ No ads ❤FAQ http://sleep.emobistudio.com/faq/index.html Make sure your bedroom is quiet, dark, cool. Feel relaxed before sleep. Hope you sleep like a baby!

☰ SCAN LOGS

Timestamp	Event	Error
2025-09-01 09:05:19	Generating Hashes	OK
2025-09-01 09:05:19	Extracting APK	OK
2025-09-01 09:05:19	Unzipping	OK
2025-09-01 09:05:19	Parsing APK with androguard	OK
2025-09-01 09:05:20	Extracting APK features using aapt/aapt2	OK
2025-09-01 09:05:20	Getting Hardcoded Certificates/Keystores	OK
2025-09-01 09:05:23	Parsing AndroidManifest.xml	OK
2025-09-01 09:05:23	Extracting Manifest Data	OK
2025-09-01 09:05:23	Manifest Analysis Started	OK
2025-09-01 09:05:23	Reading Network Security config from network_security_config.xml	OK
2025-09-01 09:05:23	Parsing Network Security config	OK

2025-09-01 09:05:23	Performing Static Analysis on: Sleep Monitor (com.sleepmonitor.aio)	OK
2025-09-01 09:05:24	Fetching Details from Play Store: com.sleepmonitor.aio	OK
2025-09-01 09:05:26	Checking for Malware Permissions	OK
2025-09-01 09:05:26	Fetching icon path	OK
2025-09-01 09:05:26	Library Binary Analysis Started	OK
2025-09-01 09:05:26	Reading Code Signing Certificate	OK
2025-09-01 09:05:26	Running APKiD 2.1.5	OK
2025-09-01 09:05:33	Detecting Trackers	OK
2025-09-01 09:05:38	Decompiling APK to Java with JADX	OK
2025-09-01 09:06:17	Decompiling with JADX failed, attempting on all DEX files	OK
2025-09-01 09:06:17	Decompiling classes2.dex with JADX	OK
2025-09-01 09:06:26	Decompiling classes4.dex with JADX	OK
2025-09-01 09:06:34	Decompiling classes.dex with JADX	OK
2025-09-01 09:06:43	Decompiling classes3.dex with JADX	OK
2025-09-01 09:06:50	Decompiling classes2.dex with JADX	OK
2025-09-01 09:07:00	Decompiling classes4.dex with JADX	OK
2025-09-01 09:07:08	Decompiling classes.dex with JADX	OK

2025-09-01 09:07:16	Decompiling classes3.dex with JADX	OK
2025-09-01 09:07:24	Converting DEX to Smali	OK
2025-09-01 09:07:24	Code Analysis Started on - java_source	OK
2025-09-01 09:07:28	Android SBOM Analysis Completed	OK
2025-09-01 09:07:34	Android SAST Completed	OK
2025-09-01 09:07:34	Android API Analysis Started	OK
2025-09-01 09:07:40	Android API Analysis Completed	OK
2025-09-01 09:07:40	Android Permission Mapping Started	OK
2025-09-01 09:07:43	Android Permission Mapping Completed	OK
2025-09-01 09:07:44	Android Behaviour Analysis Started	OK
2025-09-01 09:07:50	Android Behaviour Analysis Completed	OK
2025-09-01 09:07:50	Extracting Emails and URLs from Source Code	OK
2025-09-01 09:07:53	Email and URL Extraction Completed	OK
2025-09-01 09:07:53	Extracting String data from APK	OK
2025-09-01 09:07:53	Extracting String data from Code	OK
2025-09-01 09:07:53	Extracting String values and entropies from Code	OK
2025-09-01 09:07:58	Performing Malware check on extracted domains	OK

| 2025-09-01 09:08:16 | Saving to Database | OK |