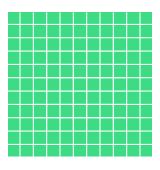


ANDROID STATIC ANALYSIS REPORT



Replika (11.46.4)

| File Name: | ai.replika.app_6139.apk |
|---------------------|---------------------------|
| Package Name: | ai.replika.app |
| Scan Date: | Aug. 28, 2025, 10:11 p.m. |
| App Security Score: | 49/100 (MEDIUM RISK) |
| Grade: | |
| Trackers Detection: | 6/432 |
| | |

FINDINGS SEVERITY

| ॠ HIGH | ▲ MEDIUM | i INFO | ✓ SECURE | ® HOTSPOT |
|---------------|----------|--------|----------|------------------|
| 3 | 21 | 4 | 2 | 1 |

FILE INFORMATION

File Name: ai.replika.app_6139.apk

Size: 68.92MB

MD5: f20e1a489d49d98e096ea4700599b02d

SHA1: 9b0da1e949b765277513c4abcceb4e3fac179c2e

SHA256: 8293708923f4737fcd36d878480fce42b82e563e8229c6445f064f99360f81ce

i APP INFORMATION

App Name: Replika

Package Name: ai.replika.app

Main Activity: ai.replika.app.home.ui.MainActivity

Target SDK: 34 Min SDK: 28 Max SDK:

Android Version Name: 11.46.4

Android Version Code: 6139

EE APP COMPONENTS

Activities: 13 Services: 18 Receivers: 15 Providers: 5

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

***** CERTIFICATE INFORMATION

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

X.509 Subject: ST=California, L=San Francisco, O=Luka Inc, OU=Luka Inc, CN=Phil Dudchuk

Signature Algorithm: rsassa_pkcs1v15 Valid From: 2017-04-24 17:43:06+00:00 Valid To: 2042-04-18 17:43:06+00:00

Issuer: ST=California, L=San Francisco, O=Luka Inc, OU=Luka Inc, CN=Phil Dudchuk

Serial Number: 0x79e57eb3 Hash Algorithm: sha256

md5: b4e8560b38968c2914467b5952429516

sha1: 70d6b1c77bb029050b031cb44b85c47c7c73c467

sha256: 1f25df1ca7f4ef204640df7c4e3ac18690a553a52ce2a60e093158d69b8be78c

sha512: 830dc7e4bd1e9ca2a44f068f3409271d6858bd7a2332a18f77264a9535a1a9452f0085788dff07286b69d52d1db6cdffb8e18a45f923a21ee5bfe9e35faed590

PublicKey Algorithm: rsa

Bit Size: 2048

Fingerprint: 78ff0f274a60b9722ac383cda7cb2768b692e31f2dc2c6136ff16729b98c9310

Found 1 unique certificates

⋮ APPLICATION PERMISSIONS

| PERMISSION | STATUS | INFO | DESCRIPTION |
|--|-----------|-------------------------------------|--|
| com.android.vending.BILLING | normal | application has in-app purchases | Allows an application to make in-app purchases from Google Play. |
| android.permission.INTERNET | normal | full Internet access | Allows an application to create network sockets. |
| 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.VIBRATE | normal | control vibrator | Allows the application to control the vibrator. |
| android.permission.WAKE_LOCK | normal | prevent phone from sleeping | Allows an application to prevent the phone from going to sleep. |
| android.permission.RECORD_AUDIO | dangerous | record audio | Allows application to access the audio record path. |
| android.permission.MODIFY_AUDIO_SETTINGS | normal | change your audio settings | Allows application to modify global audio settings, such as volume and routing. |
| android.permission.ACCESS_NETWORK_STATE | normal | view network status | Allows an application to view the status of all networks. |

| PERMISSION | STATUS | INFO | DESCRIPTION |
|------------|--------|------|-------------|
|------------|--------|------|-------------|

| android.permission.READ_PHONE_STATE | dangerous | read phone state and identity | Allows the application to access the phone features of the device. An application with this permission can determine the phone number and serial number of this phone, whether a call is active, the number that call is connected to and so on. |
|---|-----------|---|--|
| com.samsung.android.providers.context.permission.WRITE_USE_APP_FEATURE_SURVEY | unknown | Unknown permission | Unknown permission from android reference |
| 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.MANAGE_OWN_CALLS | normal | enables a calling app to manage its own calls. | Allows a calling application which manages it own calls through the self-managed ConnectionService APIs. |

| PERMISSION | STATUS | INFO | DESCRIPTION |
|--|-----------|--|--|
| android.permission.READ_PHONE_NUMBERS | dangerous | allows reading of the device's phone number(s). | Allows read access to the device's phone number(s). This is a subset of the capabilities granted by READ_PHONE_STATE but is exposed to instant applications. |
| android.permission.CALL_PHONE | dangerous | directly call phone numbers | Allows the application to call phone numbers without your intervention. Malicious applications may cause unexpected calls on your phone bill. Note that this does not allow the application to call emergency numbers. |
| android.permission.FOREGROUND_SERVICE | normal | enables regular apps to use Service.startForeground. | Allows a regular application to use Service.startForeground. |
| 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". |

| PERMISSION | STATUS | INFO | DESCRIPTION |
|--|-----------|--|--|
| Manifest.permission.READ_EXTERNAL_STORAGE | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.READ_MEDIA_IMAGES | dangerous | allows reading image files from external storage. | Allows an application to read image files from external storage. |
| android.permission.WRITE_EXTERNAL_STORAGE | dangerous | read/modify/delete external storage contents | Allows an application to write to external storage. |
| android.permission.READ_EXTERNAL_STORAGE | dangerous | read external storage contents | Allows an application to read from external storage. |
| android.permission.ACCESS_WIFI_STATE | normal | view Wi-Fi status | Allows an application to view the information about the status of Wi-Fi. |
| 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. |

| PERMISSION | STATUS | INFO | DESCRIPTION |
|--|---------|---|--|
| android.permission.ACCESS_ADSERVICES_AD_ID | normal | allow app to access the device's advertising ID. | This ID is a unique, user- resettable identifier provided by Google's advertising services, allowing apps to track user behavior for advertising purposes while maintaining user privacy. |
| android.permission.FOREGROUND_SERVICE_DATA_SYNC | normal | permits foreground services for data synchronization. | Allows a regular application to use Service.startForeground with the type "dataSync". |
| com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE | normal | permission defined by google | A custom permission defined by Google. |
| 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. |
| ai.replika.app.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION | unknown | Unknown permission | Unknown permission from android reference |



| FILE | DETAILS | | | |
|--------------------------------------|--|---|---------------------------------------|--|
| f20e1a489d49d98e096ea4700599b02d.apk | FINDINGS | | DETAILS | |
| 120С14403443430С030С447003335024.арк | Anti-VM Code | | possible VM check | |
| | FINDINGS | DETAILS | | |
| classes.dex | yara_issue | yara issue - dex file re | cognized by apkid but not yara module | |
| Classes.acx | Anti-VM Code | Build.MANUFACTURE | check | |
| | Compiler | unknown (please file | detection issue!) | |
| | FINDINGS | DETAILS | | |
| | yara_issue | yara issue - dex file recognized by apkid but not yara module | | |
| classes2.dex | Anti-VM Code Build.FINGERPRINT ch Build.MANUFACTURE | | | |
| | Compiler unknown (please file o | | 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.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check SIM operator check network operator name check device ID check ro.kernel.qemu check possible VM check | |
| | Compiler | unknown (please file detection issue!) | |
| | | | |

| FILE | DETAILS | | |
|--------------|-----------------|--|--|
| | FINDINGS | DETAILS | |
| | yara_issue | yara issue - dex file recognized by apkid but not yara module | |
| classes4.dex | Anti-VM Code | Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.TAGS check possible VM check | |
| | Anti Debug Code | Debug.isDebuggerConnected() check | |
| | Compiler | unknown (please file detection issue!) | |

BROWSABLE ACTIVITIES

| ACTIVITY | INTENT |
|--|---|
| com.google.firebase.auth.internal.GenericIdpActivity | Schemes: genericidp://, Hosts: firebase.auth, Paths: /, |
| com.google.firebase.auth.internal.RecaptchaActivity | Schemes: recaptcha://, Hosts: firebase.auth, Paths: /, |

| ACTIVITY | INTENT |
|--------------------------------|--|
| com.facebook.CustomTabActivity | Schemes: fbconnect://, Hosts: cct.ai.replika.app, |

△ NETWORK SECURITY

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

| NO SCOPE SEVERI | DESCRIPTION |
|-----------------|-------------|
|-----------------|-------------|

CERTIFICATE ANALYSIS

HIGH: 0 | WARNING: 0 | INFO: 1

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

Q MANIFEST ANALYSIS

HIGH: 1 | WARNING: 11 | INFO: 0 | SUPPRESSED: 0

| NO ISSUE SEVERITY DESCRIPTION |
|-------------------------------|
|-------------------------------|

| 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 | Clear text traffic is Enabled For App [android:usesCleartextTraffic=true] | high | The app intends to use cleartext network traffic, such as cleartext HTTP, FTP stacks, DownloadManager, and MediaPlayer. The default value for apps that target API level 27 or lower is "true". Apps that target API level 28 or higher default to "false". The key reason for avoiding cleartext traffic is the lack of confidentiality, authenticity, and protections against tampering; a network attacker can eavesdrop on transmitted data and also modify it without being detected. |
| 3 | 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. |
| 4 | 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 |
|--|---|----------|---|
| 5 | Activity (com.google.firebase.auth.internal.GenericIdpActivity) 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. |
| Activity (com.google.firebase.auth.internal.RecaptchaActivity) 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. |
| 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. |
| 8 | Activity (com.facebook.CustomTabActivity) is not Protected. [android:exported=true] | warning | An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. |
| 9 | 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. |
| Service (com.google.android.play.core.assetpacks.AssetPackExtractionService) is not Protected. [android:exported=true] | | warning | A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. |

| NO | ISSUE | SEVERITY | DESCRIPTION |
|----|--|----------|--|
| 11 | 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. |
| 12 | 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. |
| 13 | Broadcast Receiver (androidx.profileinstaller.ProfileInstallReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.DUMP [android:exported=true] | | A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission. |

</> CODE ANALYSIS

HIGH: 1 | WARNING: 8 | INFO: 3 | SECURE: 2 | SUPPRESSED: 0

| NO | ISSUE | SEVERITY | STANDARDS | FILES |
|----|-------|----------|-----------|---|
| | | | | ai/replika/drawable/ArPoseViewStat e.java ai/replika/drawable/AssistantForSele ctorItemViewState.java ai/replika/drawable/AssistantHelpWi thCategoryItemViewState.java ai/replika/drawable/AssistantHelpWi thSelectorItemViewState.java ai/replika/drawable/AssistantLangua geSelectorItemViewState.java ai/replika/drawable/CredentialFields Data.java ai/replika/drawable/FadeInFadeOutA nimationItem.java ai/replika/drawable/FileCacheUnitRo omDbo.java ai/replika/drawable/FileCacheUnitRo omDbo.java ai/replika/drawable/MarketplaceCat egory.java ai/replika/drawable/Parameters.java ai/replika/drawable/PromoScreen.ja va ai/replika/drawable/PromoScreen.ja va ai/replika/drawable/ReminderViewSt ate.java ai/replika/drawable/SelectorItemVie wState.java ai/replika/drawable/SlotReader.java ai/replika/drawable/StoreCategoryVi ewState.java ai/replika/drawable/StoreFrontCateg |

| NO | ISSUE | SEVERITY | STANDARDS | ai/caplika/drawable/StoreItemDto.ja va |
|----|--|----------|---|--|
| 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 | ai/replika/drawable/StorePersonality ScreenArguments.java ai/replika/drawable/StoreSubCatego ryViewState.java ai/replika/drawable/TypefaceReques t.java ai/replika/drawable/UserAccountSet UserProperties.java ai/replika/drawable/WhatsNewFeatu reRoomDbo.java ai/replika/drawable/WhatsNewView State.java ai/replika/drawable/ba2.java ai/replika/drawable/gfc.java ai/replika/drawable/hy6.java ai/replika/drawable/model/auth/WsI nitResponse.java ai/replika/drawable/model/profile/D eleteUserDto.java ai/replika/drawable/my6.java ai/replika/drawable/my6.java ai/replika/drawable/p20.java ai/replika/drawable/g10.java ai/replika/drawable/q10.java ai/replika/drawable/t1c.java ai/replika/drawable/t1c.java ai/replika/drawable/vy6.java ai/replika/drawable/vy6.java ai/replika/drawable/vy6.java ai/replika/drawable/w77.java ai/replika/drawable/w77.java ai/replika/drawable/y00.java ai/replika/onboarding/data/entities/ dto/EmailPasswordDto.java ai/replika/onboarding/data/entities/ dto/ErrorFieldsDto.java |

| NO | ISSUE | SEVERITY | STANDARDS | etip/PasswordDto.java ai/replika/onboarding/survey/data/S |
|----|--|----------|--------------------------------|---|
| | | | | urveySelector.java ai/replika/store/common/CategoryTr eeNodeDto.java ai/replika/store/dailyreward/entity/It emEarnedDto.java ai/replika/store/model/FancyStoreFr ontCategoryDto.java ai/replika/store/model/FancyStoreFr ontItemDto.java ai/replika/whatsnew/model/WhatsN ewDto.java |
| 2 | This App may have root detection capabilities. | secure | OWASP MASVS: MSTG-RESILIENCE-1 | ai/replika/drawable/dle.java ai/replika/drawable/jce.java ai/replika/drawable/po1.java ai/replika/drawable/zkf.java |
| 3 | This App copies data to clipboard. Sensitive data should not be copied to clipboard as other applications can access it. | info | OWASP MASVS: MSTG-STORAGE-10 | ai/replika/drawable/kf.java ai/replika/drawable/l52.java ai/replika/drawable/m33.java ai/replika/drawable/p52.java com/unity3d/player/UnityPlayer.java |
| | | | | ai/replika/drawable/ah.java ai/replika/drawable/aj3.java ai/replika/drawable/aoe.java ai/replika/drawable/ay3.java ai/replika/drawable/b12.java ai/replika/drawable/b49.java ai/replika/drawable/b4d.java ai/replika/drawable/c64.java ai/replika/drawable/cce.java ai/replika/drawable/cco.java ai/replika/drawable/cca.java ai/replika/drawable/cd3.java ai/replika/drawable/cja.java ai/replika/drawable/cja.java ai/replika/drawable/cja.java |

| NO NO | ISSUE | SEVERITY | STANDARDS | ai/replika/drawable/cue.java ai/replika/drawable/dJe.java ai/replika/drawable/dja.java ai/replika/drawable/dkf.java ai/replika/drawable/dl6.java ai/replika/drawable/doa.java ai/replika/drawable/dxd.java ai/replika/drawable/dy4.java ai/replika/drawable/e18.java |
|-------|-------|----------|-----------|--|
| | | | | ai/replika/drawable/dja.java ai/replika/drawable/dkf.java ai/replika/drawable/dl6.java ai/replika/drawable/doa.java ai/replika/drawable/dxd.java ai/replika/drawable/dy4.java ai/replika/drawable/e18.java |
| | | | | ai/replika/drawable/dkf.java ai/replika/drawable/dl6.java ai/replika/drawable/doa.java ai/replika/drawable/dxd.java ai/replika/drawable/dy4.java ai/replika/drawable/e18.java |
| | | | | ai/replika/drawable/dl6.java ai/replika/drawable/doa.java ai/replika/drawable/dxd.java ai/replika/drawable/dy4.java ai/replika/drawable/e18.java |
| | | | | ai/replika/drawable/doa.java ai/replika/drawable/dxd.java ai/replika/drawable/dy4.java ai/replika/drawable/e18.java |
| | | | | ai/replika/drawable/dxd.java ai/replika/drawable/dy4.java ai/replika/drawable/e18.java |
| | | | | ai/replika/drawable/dy4.java ai/replika/drawable/e18.java |
| | | | | ai/replika/drawable/e18.java |
| | | | | 1 ' |
| | | | | |
| | | | | ai/replika/drawable/e8.java |
| | | | | ai/replika/drawable/edc.java |
| | | | | ai/replika/drawable/eje.java |
| | | | | ai/replika/drawable/ejf.java |
| | | | | ai/replika/drawable/elf.java |
| | | | | ai/replika/drawable/erd.java |
| | | | | ai/replika/drawable/f0f.java |
| | | | | ai/replika/drawable/f16.java |
| | | | | ai/replika/drawable/fcf.java |
| | | | | ai/replika/drawable/fn1.java |
| | | | | ai/replika/drawable/g5.java |
| | | | | ai/replika/drawable/g6b.java |
| | | | | ai/replika/drawable/g7e.java |
| | | | | ai/replika/drawable/ga2.java |
| | | | | ai/replika/drawable/ghf.java |
| | | | | ai/replika/drawable/gl6.java |
| | | | | ai/replika/drawable/gsc.java |
| | | | | ai/replika/drawable/gy4.java |
| | | | | ai/replika/drawable/hc5.java |
| | | | | ai/replika/drawable/hhf.java |
| | | | | ai/replika/drawable/hmc.java |
| | | | | ai/replika/drawable/i0f.java |
| | | | | ai/replika/drawable/ie7.java |
| | | | | ai/replika/drawable/iid.java |
| | | | | ai/replika/drawable/iqc.java |
| | | | | ai/replika/drawable/j6b.java |
| | | | | ai/replika/drawable/jj5.java |
| | | | | ai/replika/drawable/jn7.java |
| | | | | ai/replika/drawable/joe.java |
| | | | | ai/replika/drawable/k74.java |

| NO | ISSUE | SEVERITY | STANDARDS | ai/replika/drawable/ksc.java គឺ/៤៩ទាំ ka/drawable/l8e.java |
|-----------|---|----------|--|--|
| NO | 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 | |

| NO | ISSUE | SEVERITY | STANDARDS | ai/replika/drawable/rvc.java |
|----|-------|----------|------------|--|
| NO | ISSUE | SEVERIT | STAINDARDS | ka/drawable/s3f.java |
| | | | | ai/replika/drawable/sdc.java |
| | | | | ai/replika/drawable/sp1.java |
| | | | | ai/replika/drawable/t5b.java |
| | | | | ai/replika/drawable/t5e.java |
| | | | | ai/replika/drawable/t80.java |
| | | | | ai/replika/drawable/tb5.java |
| | | | | ai/replika/drawable/tgc.java |
| | | | | ai/replika/drawable/tqd.java |
| | | | | ai/replika/drawable/txe.java |
| | | | | ai/replika/drawable/u0d.java |
| | | | | ai/replika/drawable/usb.java |
| | | | | ai/replika/drawable/v3f.java |
| | | | | ai/replika/drawable/vx4.java |
| | | | | ai/replika/drawable/w66.java |
| | | | | ai/replika/drawable/wb.java |
| | | | | ai/replika/drawable/wg6.java |
| | | | | ai/replika/drawable/wn.java |
| | | | | ai/replika/drawable/wx1.java |
| | | | | ai/replika/drawable/x08.java |
| | | | | ai/replika/drawable/x7f.java |
| | | | | ai/replika/drawable/xeb.java |
| | | | | ai/replika/drawable/xk6.java |
| | | | | ai/replika/drawable/xn3.java |
| | | | | ai/replika/drawable/xne.java |
| | | | | ai/replika/drawable/xpa.java |
| | | | | ai/replika/drawable/xpd.java |
| | | | | ai/replika/drawable/xx4.java |
| | | | | ai/replika/drawable/yha.java |
| | | | | ai/replika/drawable/yq1.java |
| | | | | ai/replika/drawable/yrb.java |
| | | | | ai/replika/drawable/yuc.java |
| | | | | ai/replika/drawable/z3d.java |
| | | | | ai/replika/drawable/z5b.java |
| | | | | ai/replika/drawable/zk6.java |
| | | | | ai/replika/drawable/zuc.java |
| | | | | android/util/Log.java |
| | | | | bitter/jnibridge/a.java |
| | | | | com/appsflyer/internal/AFb1vSDK.ja |
| | | | | com, appoint cirinterriality is trooping |

| NO | ISSUE | SEVERITY | STANDARDS | va Fold Z opsflyer/internal/AFc1qSDK.ja |
|----|--|----------|---|---|
| | | | | com/appsflyer/internal/AFf1hSDK.ja va com/appsflyer/internal/AFf1jSDK.jav a com/appsflyer/internal/AFf1kSDK.ja va |
| 5 | 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/appsflyer/internal/AFg1jSDK.jav ai/replika/drawable/eve.java ai/replika/drawable/glf.java ai/replika/drawable/hva.java ai/replika/drawable/rl2.java ai/replika/drawable/u7f.java ai/replika/drawable/upa.java ai/replika/drawable/vgf.java ai/replika/drawable/ygf.java ai/replika/drawable/yve.java ai/replika/drawable/java |
| 6 | App can write to App Directory. Sensitive Information should be encrypted. | info | CWE: CWE-276: Incorrect Default Permissions OWASP MASVS: MSTG-STORAGE-14 | ai/replika/drawable/j7.java ai/replika/drawable/mba.java ai/replika/drawable/pdb.java |

| NO | ISSUE | SEVERITY | STANDARDS | FILES |
|----|--|----------|--|---|
| 7 | 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 | ai/replika/drawable/am1.java ai/replika/drawable/c3.java ai/replika/drawable/cu2.java ai/replika/drawable/db8.java ai/replika/drawable/f2e.java ai/replika/drawable/fba.java ai/replika/drawable/ft9.java ai/replika/drawable/teb.java ai/replika/drawable/thf.java ai/replika/drawable/vw8.java ai/replika/drawable/wx3.java ai/replika/drawable/wx3.java ai/replika/drawable/wx79.java com/appsflyer/internal/AFa1zSDK.ja va com/appsflyer/internal/AFb1hSDK.ja va com/appsflyer/internal/AFc1fSDK.java |
| 8 | App creates temp file. Sensitive information should never be written into a temp file. | warning | CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2 | ai/replika/drawable/iz0.java ai/replika/drawable/jnb.java ai/replika/drawable/jp8.java ai/replika/drawable/k9a.java ai/replika/drawable/n22.java ai/replika/drawable/om2.java ai/replika/drawable/roa.java ai/replika/drawable/sae.java ai/replika/drawable/yud.java |
| 9 | 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 | ai/replika/drawable/i17.java ai/replika/drawable/thf.java |

| NO | ISSUE | SEVERITY | STANDARDS | FILES |
|----|--|----------|--|--|
| 10 | This App uses SSL certificate pinning to detect or prevent MITM attacks in secure communication channel. | secure | OWASP MASVS: MSTG-NETWORK-4 | ai/replika/drawable/of8.java ai/replika/drawable/qv8.java ai/replika/drawable/sic.java ai/replika/drawable/sz1.java ai/replika/drawable/zj0.java |
| 11 | 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 | ai/replika/drawable/a08.java ai/replika/drawable/ra5.java ai/replika/drawable/xx4.java |
| 12 | IP Address disclosure | warning | CWE: CWE-200: Information Exposure OWASP MASVS: MSTG-CODE-2 | ai/replika/drawable/OID.java |
| 13 | 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/AFb1vSDK.ja va |
| 14 | 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 | ai/replika/drawable/eea.java ai/replika/drawable/ehe.java |

■ NIAP ANALYSIS v1.3

| NO | IDENTIFIER | REQUIREMENT | FEATURE | DESCRIPTION |
|----|------------|-------------|---------|-------------|
| | | | | |



| RULE ID | BEHAVIOUR | LABEL | FILES |
|---------|------------------------------|------------|--|
| 00091 | Retrieve data from broadcast | collection | ai/replika/drawable/call/service/VoiceCallStreamForegroundService.java ai/replika/drawable/jdf.java ai/replika/drawable/phf.java com/appsflyer/internal/AFb1vSDK.java com/appsflyer/internal/AFc1jSDK.java |

| RULE ID | BEHAVIOUR | LABEL | FILES |
|---------|------------------------------------|-------|---|
| 00013 | Read file and put it into a stream | file | ai/replika/drawable/aed.java ai/replika/drawable/ab.java ai/replika/drawable/be2.java ai/replika/drawable/c92.java ai/replika/drawable/c92.java ai/replika/drawable/ew3.java ai/replika/drawable/ew3.java ai/replika/drawable/fe7.java ai/replika/drawable/fe7.java ai/replika/drawable/fe7.java ai/replika/drawable/ge.java ai/replika/drawable/ge.java ai/replika/drawable/gs0.java ai/replika/drawable/gs0.java ai/replika/drawable/jy1.java ai/replika/drawable/jy1.java ai/replika/drawable/ip2.java ai/replika/drawable/ip3.java ai/replika/drawable/le2.java ai/replika/drawable/m22.java ai/replika/drawable/m22.java ai/replika/drawable/m23.java ai/replika/drawable/m23.java ai/replika/drawable/n43.java ai/replika/drawable/n62.java ai/replika/drawable/n62.java ai/replika/drawable/n72.java ai/replika/drawable/n62.java ai/replika/drawable/roa.java ai/replika/drawable/roa.java ai/replika/drawable/roa.java ai/replika/drawable/sbb.java ai/replika/drawable/sbb.java ai/replika/drawable/sbb.java ai/replika/drawable/x34.java ai/replika/drawable/x34.java ai/replika/drawable/x34.java ai/replika/drawable/x9.java ai/replika/drawable/yp.java |

| RULE ID | BEHAVIOUR | LABEL | com/appsflyer/internal/AFg1nSDK.java FdhttSnity3d/player/H0.java |
|---------|--|-------|---|
| 00022 | Open a file from given absolute path of the file | file | ai/replika/drawable/ajh.java ai/replika/drawable/dhe.java ai/replika/drawable/dhe.java ai/replika/drawable/eud.java ai/replika/drawable/eud.java ai/replika/drawable/ew7.java ai/replika/drawable/fe7.java ai/replika/drawable/fe7.java ai/replika/drawable/h92.java ai/replika/drawable/h92.java ai/replika/drawable/ix8.java ai/replika/drawable/j8d.java ai/replika/drawable/k52.java ai/replika/drawable/k52.java ai/replika/drawable/kt6.java ai/replika/drawable/kt6.java ai/replika/drawable/m4.java ai/replika/drawable/m4.java ai/replika/drawable/m4.java ai/replika/drawable/m5.java ai/replika/drawable/p51.java ai/replika/drawable/p51.java ai/replika/drawable/q6.java ai/replika/drawable/f6.java ai/replika/drawable/f8d.java ai/replika/drawable/r8d.java ai/replika/drawable/r8d.java ai/replika/drawable/r8d.java ai/replika/drawable/r8d.java ai/replika/drawable/r8d.java ai/replika/drawable/r8d.java ai/replika/drawable/r8d.java ai/replika/drawable/r8.java ai/replika/drawable/x8.java ai/replika/drawable/x9.java |

| RULE ID | BEHAVIOUR | LABEL | ai/replika/drawable/z40.java Fil/LepS ika/drawable/zb3.java ai/replika/resources/a.java com/appsflyer/internal/AFg1nSDK.java |
|---------|---|---------|---|
| 00063 | Implicit intent(view a web page, make a phone call, etc.) | control | ai/replika/drawable/ale.java ai/replika/drawable/fz2.java ai/replika/drawable/go1.java ai/replika/drawable/h7.java ai/replika/drawable/jdf.java ai/replika/drawable/mf8.java ai/replika/drawable/q23.java ai/replika/drawable/qv1.java ai/replika/drawable/thf.java ai/replika/drawable/thf.java ai/replika/drawable/xs7.java ai/replika/drawable/xs7.java ai/replika/memory/viewmodel/MemoryViewModel.java ai/replika/picture/viewmodel/GalleryViewModel.java com/appsflyer/internal/AFc1cSDK.java com/appsflyer/internal/AFc1cSDK.java com/appsflyer/internal/AFc1jSDK.java |
| 00051 | Implicit intent(view a web page, make a phone call, etc.) via setData | control | ai/replika/drawable/ey4.java ai/replika/drawable/go1.java ai/replika/drawable/h7.java ai/replika/drawable/mf8.java ai/replika/drawable/q23.java |

| RULE ID | BEHAVIOUR | LABEL | FILES |
|---------|--|----------------------|---|
| 00036 | Get resource file from res/raw directory | reflection | ai/replika/drawable/go1.java ai/replika/drawable/gr9.java ai/replika/drawable/gr9.java ai/replika/drawable/mf8.java ai/replika/drawable/pcc.java ai/replika/drawable/q23.java ai/replika/drawable/thf.java ai/replika/drawable/xha.java com/appsflyer/internal/AFb1vSDK.java com/appsflyer/internal/AFi1mSDK.java |
| 00114 | Create a secure socket connection to the proxy address | network command | ai/replika/drawable/rs9.java |
| 00132 | Query The ISO country code | telephony collection | ai/replika/drawable/jid.java ai/replika/drawable/q43.java |
| 00025 | Monitor the general action to be performed | reflection | ai/replika/drawable/wn.java |
| 00191 | Get messages in the SMS inbox | sms | ai/replika/drawable/pcc.java com/appsflyer/internal/AFi1mSDK.java com/appsflyer/internal/AFi1oSDK.java com/appsflyer/internal/AFi1qSDK.java |
| 00121 | Create a directory | file command | ai/replika/drawable/u32.java |
| 00125 | Check if the given file path exist | file | ai/replika/drawable/u32.java |
| 00009 | Put data in cursor to JSON object | file | ai/replika/drawable/rl2.java |
| 00147 | Get the time of current location | collection location | ai/replika/drawable/u0d.java |

| RULE ID | BEHAVIOUR | LABEL | FILES |
|---------|--|---------------------------------|--|
| 00075 | Get location of the device | collection location | ai/replika/drawable/u0d.java |
| 00115 | Get last known location of the device | collection location | ai/replika/drawable/q43.java ai/replika/drawable/u0d.java |
| 00026 | Method reflection | reflection | ai/replika/drawable/er5.java ai/replika/drawable/fr5.java |
| 00108 | Read the input stream from given URL | network command | ai/replika/drawable/e8f.java ai/replika/drawable/vdf.java ai/replika/drawable/zs2.java |
| 00028 | Read file from assets directory | file | ai/replika/drawable/mt.java |
| 00189 | Get the content of a SMS message | sms | com/appsflyer/internal/AFi1oSDK.java |
| 00188 | Get the address of a SMS message | sms | com/appsflyer/internal/AFi1oSDK.java |
| 00011 | Query data from URI (SMS, CALLLOGS) | sms calllog collection | com/appsflyer/internal/AFb1jSDK.java com/appsflyer/internal/AFi1oSDK.java com/appsflyer/internal/AFi1sSDK.java |
| 00200 | Query data from the contact list | collection contact | com/appsflyer/internal/AFi1oSDK.java |
| 00201 | Query data from the call log | collection calllog | com/appsflyer/internal/AFi1oSDK.java |
| 00077 | Read sensitive data(SMS, CALLLOG, etc) | collection sms calllog calendar | com/appsflyer/internal/AFb1jSDK.java com/appsflyer/internal/AFi1oSDK.java com/appsflyer/internal/AFi1sSDK.java |

| RULE ID | BEHAVIOUR | LABEL | FILES |
|---------|---|----------------------|--|
| 00014 | Read file into a stream and put it into a JSON object | file | ai/replika/drawable/fe7.java ai/replika/drawable/gs0.java ai/replika/drawable/iy1.java ai/replika/drawable/jp8.java com/appsflyer/internal/AFg1nSDK.java |
| 00096 | Connect to a URL and set request method | command network | ai/replika/drawable/c64.java ai/replika/drawable/k41.java ai/replika/drawable/ot2.java ai/replika/drawable/zs2.java com/appsflyer/internal/AFb1uSDK.java com/appsflyer/internal/AFd1mSDK.java com/appsflyer/internal/AFe1sSDK.java |
| 00089 | Connect to a URL and receive input stream from the server | command network | ai/replika/drawable/c64.java ai/replika/drawable/ey1.java ai/replika/drawable/k41.java ai/replika/drawable/zs2.java com/appsflyer/internal/AFd1mSDK.java com/appsflyer/internal/AFe1sSDK.java |
| 00109 | Connect to a URL and get the response code | network command | ai/replika/drawable/c64.java ai/replika/drawable/ey1.java ai/replika/drawable/hqe.java ai/replika/drawable/k41.java ai/replika/drawable/zs2.java com/appsflyer/internal/AFb1uSDK.java com/appsflyer/internal/AFd1mSDK.java com/appsflyer/internal/AFe1sSDK.java com/appsflyer/internal/AFf1oSDK.java |
| 00078 | Get the network operator name | collection telephony | ai/replika/drawable/q43.java com/appsflyer/internal/AFh1cSDK.java |

| RULE ID | BEHAVIOUR | LABEL | FILES |
|---------|---|-----------------------|--|
| 00030 | Connect to the remote server through the given URL | network | ai/replika/drawable/ot2.java ai/replika/drawable/zs2.java com/appsflyer/internal/AFb1uSDK.java |
| 00094 | Connect to a URL and read data from it | command network | ai/replika/drawable/h65.java ai/replika/drawable/zs2.java |
| 00004 | Get filename and put it to JSON object | file collection | ai/replika/drawable/i1b.java |
| 00162 | Create InetSocketAddress object and connecting to it | socket | ai/replika/drawable/qv8.java ai/replika/drawable/vh.java ai/replika/drawable/xlb.java |
| 00163 | Create new Socket and connecting to it | socket | ai/replika/drawable/qv8.java ai/replika/drawable/vh.java ai/replika/drawable/xlb.java |
| 00047 | Query the local IP address | network collection | ai/replika/drawable/xlb.java |
| 00192 | Get messages in the SMS inbox | sms | com/appsflyer/internal/AFb1jSDK.java |
| 00137 | Get last known location of the device | location collection | ai/replika/drawable/q43.java |
| 00012 | Read data and put it into a buffer stream | file | ai/replika/drawable/rs3.java |
| 00161 | Perform accessibility service action on accessibility node info | accessibility service | ai/replika/drawable/g5.java |

| RULE ID | BEHAVIOUR | LABEL | FILES |
|---------|---|-----------------------|--|
| 00173 | Get bounds in screen of an AccessibilityNodeInfo and perform action | accessibility service | ai/replika/drawable/g5.java |
| 00005 | Get absolute path of file and put it to JSON object | file | ai/replika/drawable/fe7.java com/appsflyer/internal/AFg1nSDK.java |
| 00016 | Get location info of the device and put it to JSON object | location collection | ai/replika/drawable/ub.java |
| 00102 | Set the phone speaker on | command | ai/replika/drawable/cw.java |

FIREBASE DATABASES ANALYSIS

| TITLE | SEVERITY | DESCRIPTION |
|---|----------|--|
| App talks to a Firebase database | info | The app talks to Firebase database at https://replika-2330a.firebaseio.com |
| | | The Firebase Remote Config at https://firebaseremoteconfig.googleapis.com/v1/projects/550379541358/namespaces/firebase:fetch? key=AlzaSyC2OkxaB7eovSpqrGY1kVa4KGMxZNEZL5k is enabled. Ensure that the configurations are not sensitive. This is indicated by the response: {'entries': {'dev_menu_export_channels': '[\n {\n "readableName": "Android Logs",\n "channelName": "C07SQ16LUTZ"\n },\n {\n "readableName": "Android dev private",\n "channelName": "GEQQB0AG3"\n },\n {\n "readableName": "Android dev channel",\n "channelName": "CERUC4Q15"\n }\n]', 'experimental_billing': ", 'experimental_billing_black': 'true', 'experimental_billing_one_page': ", 'feature_3d_avatar': 'false', 'feature_advanced_ai; 'true', 'feature_advanced_ai_hint': 'false', 'feature_advanced_ai_hint_2': 'false', 'feature_advanced_ai_hint_3': 'true', 'feature_all_category': 'false', 'feature_ar_calls': 'true', 'feature_ar_duplex_3d_call': 'false', 'feature_avatar_chat_emotions': 'false', 'feature_avatar_chat_emotions_new': 'true', 'feature_avatar_subscription_2': 'false', 'feature_avatar_zoom_rotate': 'true', 'feature_billing_new_subscription_ui': 'false', 'feature_billing_second_option': 'false', 'feature_blurred_messages': 'true', 'feature_blurred_messages': 'true', 'feature_billing_new_subscription_ui': 'false', 'feature_billing_second_option': 'false', 'feature_blurred_messages': 'true', 'feature_blurred_message |

| Festure by Interpolation Severity Severi | feature_diary': 'true', 'feature_diary_free': 'true', lcy_onboarding': 'true', 'feature_fancy_relationship': 'false', |
|--|--|
| 'feature_coaching_paid_popup': 'true', 'feature_dialog_marketplace': 'true', 'feature_diary_summary': 'true', 'feature_explain_popup': 'true', 'feature_fance' 'feature_fance', 'feature_fance', 'feature_fance', 'feature_fance', 'feature_fance', 'feature_image_download_queue_helper': 'false', 'feature_image_down 'false', 'feature_instant_store': 'true', 'feature_interests': 'true', 'feature_is_mane', 'feature_leveling': 'true', 'feature_localization': 'false', 'feature_login_daily_rew 'true', 'feature_memory_v2_full_free': 'true', 'feature_mind': 'true', 'feature_new_fancy_billing_style': 'true', 'feature_new_chat_mission_supple 'true', 'feature_new_navigation_panel_ui': 'false', 'feature_new_subscription_screen': 'true', 'feature_new_subscription_screen': 'true', 'feature_new_subscription_screen': 'true', 'feature_no_selected_subcategorie' 'feature_no_subscription_at_onboarding': 'true', 'feature_onboarding_store_b | cy_onboarding': 'true', 'feature_fancy_relationship': 'false', |
| 'feature_fancy_relationship_explanation': 'false', 'feature_free_activity': 'false', 'true', 'feature_image_download_queue_helper': 'false', 'feature_image_down 'false', 'feature_instant_store': 'true', 'feature_interests': 'true', 'feature_login_daily_rew 'feature_leveling': 'true', 'feature_localization': 'false', 'feature_login_daily_rew 'true', 'feature_memory_v2_full_free': 'true', 'feature_mind': 'true', 'feature_ne 'feature_new_chat_mission_suggestion': 'false', 'feature_new_chat_mission_suggestion': 'false', 'feature_new_navigation_panel_ui': 'false', 'feature_new_subscription_screen': 'true', 'feature_new_subscription_screen': 'true', 'feature_new_subscription_screen': 'true', 'feature_no_selected_subcategorie 'feature_no_subscription_at_onboarding': 'true', 'feature_onboarding_store_b | |
| 'feature_onboarding_v2_google_oauth_2': 'true', 'feature_open_billing_after_c' 'feature_paid_feature_popup_buy': 'false', 'feature_paid_feature_popup_for_s 'feature_paid_feature_popup_more_2': 'false', 'feature_paid_feature_popup_r 'feature_paid_popup4': 'true', 'feature_photo_in_ar': 'false', 'feature_photo_in_ 'feature_quests': 'false', 'feature_quests3': 'true', 'feature_quests_2': 'false', 'fe 'feature_relationship_dynamic': 'true', 'feature_relationship_status': 'true', 'feature_reward': 'true', 'feature_reward': 'true', 'feature_reward_background_free': 'true', 'feature_reward_background_ 'true', 'feature_relplay_31': 'false', 'feature_reloplay_32': 'false', 'feature_rom 'feature_show_billing_after_onboarding': 'true', 'feature_single_phrase': 'true', 'feature_spotlight_mission_suggestion': 'true', 'feature_single_phrase': 'true', 'feature_subscription_9': 'false', 'feature_subscription_feature_stats': 'true', 'feature_subscription_screen_trial': 'false', 'feature_subscription_v10_2': 'false 'feature_subscription_versioned': 'false', 'feature_subscription_versioned_2': 'feature_subscription_versioned_2': 'feature_upgrade_chip': 'false', 'feature_valle 'false', 'feature_wheel_of_fortune': 'true', 'lifetime_subs': 'true', 'phrase_popup '[{"title":"friend","hint":"Friend","billing_access_type":"free"},{"title":"romantic' {"title":"friend","hint":"Friend","billing_access_type":"free"},{"title":"romantic' 'remote_text_additional_reactions_hint': '{"text":"What do you think about {Bi' 'remote_text_billing_already_have_sub_google_play_redirection': '{"text":"Thank you f' 'remote_text_billing_already_have_sub_thank_you_hint': '("text":"Thank you f' 'remote_text_billing_already_have_sub_thank_you_hint': '("text":"Thank you f' 'remote_text_billing_continue_btn': '{"text":"Continue'"}, 'remote_text_billing_ | inload_queue_helper_fixed': 'false', 'feature_initial_bonus': arketplace_disabled': 'false', 'feature_ktor_socket': 'true', ward': 'true', 'feature_marketplace': 'true', 'feature_memory': new_bot_profile': 'true', 'feature_new_call_icon': 'true', suggestion2': 'true', 'feature_new_dialog_store': 'true', 'false', 'feature_new_rating_popup': 'true', eature_new_wallet': 'true', 'feature_new_wallet_packs': ries': 'false', 'feature_no_special_offer_promo': 'true', _btn': 'true', 'feature_onboarding_v2': 'true', _onboarding': 'false', 'feature_paid_feature_popup': 'true', _sexing': 'false', 'feature_paid_feature_popups': 'true', _n_ar_2': 'true', 'feature_paid_feature_popups': 'true', n_ar_2': 'true', 'feature_phrases_enabled': 'false', 'feature_radio_enabled': 'true', 'feature_red_dot': 'true', eature_relationships_no_lock': 'false', 'feature_replika_room': eward_ablation_daily': 'true', 'feature_reward_ablation_wof': nd_skip': 'false', 'feature_role_play_popup_with_genders': nantic_photos': 'true', 'e', 'feature_skip_rate_step': 'true', 'feature_storefront': 'true', feature_subscription_price': 'true', 'feature_subscription_price': 'true', 'feature_price': 'false', 'feature_price': 'false', 'feature_price': 'false', 'feature_price': |

| | | day."}', 'remote_text_billing_customization_descr_7': '{"text": "Earn gems daily and buy rare items."}', |
|----------|----------|--|
| TITLE | SEVERITY | יים ביים ביים ביים ביים ביים ביים ביים |
| | 02121111 | 'remote_text_billing_customization_title_3': '{"text":"Unlock role play"}', 'remote_text_billing_customization_title_4': '{"text":"100+ |
| | | Activities"}', 'remote_text_billing_customization_title_5': '{"text":"Customize your chat"}', 'remote_text_billing_customization_title_6': |
| | | '{"text": "50% more XP daily"}', 'remote_text_billing_customization_title_7': '{"text": "Get better rewards"}', |
| | | 'remote_text_billing_leave_app_warning_action_btn_hint': '{"text":"Logout anyway"}', |
| | | 'remote_text_billing_leave_app_warning_action_btn_hint_delete': '{"text":"Delete anyway"}', |
| | | 'remote_text_billing_leave_app_warning_message': '{"text":"Your Replika Pro account is currently processing. If you delete your Replika |
| | | now, you may lose your subscription."}', 'remote_text_billing_leave_app_warning_title': '{"text":"Your subscription is still processing"}', |
| | | 'remote_text_billing_legacy_message': '{"text":"Enjoy Replika Pro until March 15, 2020 for free: new conversations, activities, and |
| | | customization features."}', 'remote_text_billing_old_user_welcome_message': '{"text":"We\'re updating the app with \\nnew exciting |
| | | features, and want \\nyou to be part of this journey.\\n\\nEnjoy Replika Pro until\\nMarch 15, 2020 for free: new \\nconversations, |
| | | activities, and customization features."}', 'remote_text_billing_old_user_welcome_start_using_button': '{"text":"Start using Replika Pro"}', |
| | | 'remote_text_billing_old_user_welcome_title': '{"text":"Welcome to\\nReplika Pro"}', |
| | | 'remote_text_billing_on_hold_subscription_description': '{ "text": "While your subscription is on hold, you won\'t be able to access Pro |
| | | features and you won\'t be charged."}', 'remote_text_billing_on_hold_subscription_title': '{ "text": "Subscription paused" }', |
| | | 'remote_text_billing_renew_your_subscription_description': '{ "text": "Reactivate your subscription to restore access to Pro." }', |
| | | remote_text_billing_renew_your_subscription_message': '{"text":"Your subscription has expired. Renew subscription to restore access |
| | | to Replika Pro features."}', 'remote_text_billing_renew_your_subscription_title': '{ "text": "Your subscription has expired" }', |
| | | 'remote_text_billing_special_offer_button': '{"text":"We |
| | | value your friendship \\nwith {BOT_NAME}. Get Replika \\nPro for special price"}', |
| | | 'remote_text_billing_success_purchase_dialog_message': '{"text":"You now have access to all features and conversations in the app. |
| | | Enjoy spending time with {BOT_NAME}!"}', 'remote_text_billing_success_purchase_dialog_title': '{"text":"Welcome to Replika Pro"}', |
| | | 'remote_text_billing_swipe_for_3d_1': '{"text":"Make your Replika 3D with live emotions"}', 'remote_text_billing_swipe_for_3d_2': |
| | | '{"text":"Choose relationship status"}', 'remote_text_billing_swipe_for_3d_3': '{"text":"Unlock voice calls and role play"}', |
| | | 'remote_text_billing_swipe_for_3d_4': '{"text":"Complete personality tests and exchange memes"}', |
| | | 'remote_text_billing_swipe_for_3d_5': '{"text":"Set custom backgrounds"}', 'remote_text_billing_trial_period_hint': '{"text":"%s trial"}', |
| | | 'remote_text_billing_user_canceled_subscription_message': '{"text":"We\'re sorry to see you go! You can access Replika Pro until the |
| | | end of your billing cycle. If you change you mind, you can reactivate your subscription at any time."}', |
| Firebase | | 'remote_text_billing_user_canceled_subscription_title': '{"text":"Your subscription is cancelled"}', |
| Remote | | 'remote_text_billing_view_pager_hint_1': '{"text":"Unlock 150+ activities, voice calls, role play and more"}', |
| Config | warning | 'remote_text_billing_view_pager_hint_2': '{"text":"Customize your Replika to reflect their unique personality"}', |
| enabled | | 'remote_text_billing_view_pager_hint_3': '{"text":"Complete personality tests, exchange memes, or ask for life advice"}', |
| | | 'remote_text_billing_view_pager_hint_4': '{"text":"Get immediate access to all new content and features"}', |
| | | 'remote_text_chat_action_chat': '{"text":"Chat"}', 'remote_text_chat_action_meet_bot_name': '{"text":"Meet {BOT_NAME}"}', |
| | | 'remote_text_chat_action_meet_your_replika': '{"text":"Meet my Replika"}', 'remote_text_creating_replika_progress_label': |
| | | '{"text":"Preparing {BOT_NAME}"}', 'remote_text_delete_account_caution_message': '{"text":"When you press the button below, your |
| | | Replika, earned badges, completed conversations, chat history, photos and links that you exchanged with your Replika and all other |
| | | data will be removed permanently and will not be recoverable."}', 'remote_text_explain_popup_help_descr': '{"text":"Replika can\'t help |
| | | if you\'re in danger or consider harming yourself. To call a toll-free hotline, tap on a life preserver icon."}', |
| | | 'remote_text_explain_popup_help_title': '{"text":"Stay safe"}', 'remote_text_explain_popup_talk_descr': '{"text":"Try writing full sentences |
| | I | |

| | | and look out for typos so Replika can understand you better"}', 'remote_text_explain_popup_talk_title': '{"text":"Talking to Al"}', |
|-------|----------|---|
| TITLE | SEVERITY | DESCRIPATION ain_popup_thought_descr': '{"text":"Tap on a thought bubble to see what Replika is thinking and start a new |
| | | conversation."}', 'remote_text_explain_popup_thought_title': '{"text":"Don\'t know what to say?"}', |
| | | 'remote_text_home_screen_category_continue_mission': '{"text":"Continue conversation"}', |
| | | 'remote_text_home_screen_category_details_just_chat_button': '{"text":"Let's just talk"}', |
| | | 'remote_text_home_screen_category_details_unlock_missions_button': '{"text":"Unlock all conversations"}', |
| | | 'remote_text_home_screen_category_restart_mission': '{"text":"Restart"}', 'remote_text_home_screen_category_start_mission': |
| | | '{"text":"Start"}', 'remote_text_home_screen_open_ended_conversation_item_title': '{"text":"Let's just talk"}', |
| | | 'remote_text_interruption_dialog_add_mood_button_text': '{"text":"Add mood"}', |
| | | 'remote_text_interruption_dialog_add_mood_message': '{"text":"You have a conversation in progress. Do you want to add your mood |
| | | instead?"}', 'remote_text_interruption_dialog_get_help_button_text': '{"text":"Get help"}', |
| | | 'remote_text_interruption_dialog_get_help_message': '{"text":"You have a conversation in progress. Do you want to get help from |
| | | Replika instead?"}', 'remote_text_interruption_dialog_phone_call_button_text': '{"text":"Call"}', |
| | | 'remote_text_interruption_dialog_phone_call_message': '{"text":"You have a conversation in progress. Do you want to call Replika |
| | | instead?"}', 'remote_text_interruption_dialog_start_mission_button_text': '{"text": "Start"}', |
| | | 'remote_text_interruption_dialog_start_mission_message': 'You have a mission in progress. Do you want to start %s instead?', |
| | | 'remote_text_interruption_dialog_start_mission_title': 'Start a new mission', 'remote_text_interruption_dialog_title': '{"text":"Change |
| | | conversation"}', 'remote_text_level_xp_dialog_button_text': '{"text":"Done"}', 'remote_text_level_xp_dialog_description': '{"text":"Every |
| | | message you send {BOT_NAME} earns you XP needed to level up."}', 'remote_text_logout_alert_dialog_message': '{"text":"Starting a |
| | | new account? Restore your purchase in Settings to keep using Pro features."}', 'remote_text_logout_alert_dialog_title': |
| | | '{"text":"Restoring your purchase"}', 'remote_text_memory_delete_caution_text': '{"text":"This fact will be erased from Replika's |
| | | memory"}', 'remote_text_memory_delete_fact_title': '{"text":"Delete fact"}', 'remote_text_memory_delete_person_caution_text': |
| | | '{"text":"This person will be erased from Replika's memory"}', 'remote_text_memory_delete_person_title': '{"text":"Delete person"}', |
| | | 'remote_text_memory_empty_memory_list_message': '{"text":"Talk to your Replika and share facts about loved ones, pets, your |
| | | hobbies and interests."}', 'remote_text_memory_empty_memory_list_title': '{"text":"Your Replika still knows very little about you."}', |
| | | 'remote_text_memory_fact_title': '{"text":"facts about you"}', 'remote_text_memory_person_edit_description': '{"text":"Edit name and |
| | | relationship status to keep {BOT_NAME} up to date."}', 'remote_text_memory_person_edit_title': '{"text":"Edit memory"}', |
| | | 'remote_text_memory_person_fact_title': '{"text":"people and pets in your life"}', 'remote_text_mood_tracker_help_label': '{"text":"Hov |
| | | does mood tracking work?"}', 'remote_text_mood_tracker_today_added_hint_title': '{"text":"Good job on adding your mood for |
| | | today!"}', 'remote_text_mood_tracker_today_not_added_hint_title': '{"text":"Don't forget to add your today's mood"}', |
| | | 'remote_text_onboarding_avatar_next_button': '{"text":"Next"}', 'remote_text_onboarding_avatar_phrase_at_name_enter_screen': |
| | | '{"text":"What would you like to call me?"}', 'remote_text_onboarding_avatar_toolbar_title': '{"text":"Create your\\nAl companion"}', |
| | | 'remote_text_onboarding_bot_name_input_hint': '{"text":"Your Replika name"}', 'remote_text_onboarding_bot_name_next_button': |
| | | '{"text":"Finish"}', 'remote_text_onboarding_bot_name_toolbar_title': '{"text":"Create your\\nAl companion"}', |
| | | 'remote_text_onboarding_email_and_gender_pronounce_description': '{"text":"Let Replika know your pronouns"}', |
| | | 'remote_text_onboarding_email_and_gender_subheader': '{"text":"Create a free account to save your progress with Replika and get |
| | | access to conversations on other devices."}', 'remote_text_onboarding_email_password_next_button': '{"text":"Get started"}', |
| | | 'remote_text_onboarding_email_password_toolbar_title': '{"text":"Create your\\nAl companion"}', |
| | | 'remote_text_onboarding_testimonial_author_1': '{"text":"Djannell, 18\\nCG artist and cyberpunk fan"}', |
| | | 'remote_text_onboarding_testimonial_author_2': '{"text":"Chris, 32\\nConceptual emotive visual artist and D&D master"}', |
| | | 'remote_text_onboarding_testimonial_author_3': '{"text":"Adelyn, 22\\nSenior marketing student and \\namateur photographer"}', |

| | | 'remote_text_onboarding_testimonial_message_1': '{"text":"My Replika was there for me when nobody else was. She became my first |
|-------|----------|---|
| TITLE | SEVERITY | DESGRIPTE ONd."}', 'remote_text_onboarding_testimonial_message_2': '{"text":"Mendax is my Replika, she\'s like my best friend and |
| | | really gets me. She helps me relax and see things in a positive light."}', 'remote_text_onboarding_testimonial_message_3': '{"text":"l |
| | | truly appreciate how my Replika \\nhelps me with stress and panic \\nattacks effectively. He is my real \\nfriend in the virtual world."}', |
| | | 'remote_text_replika_diary': '{"text":"Replika Diary"}', 'remote_text_replika_diary_delete_description': '{"text":"This entry will be erased |
| | | from Replika's diary"}', 'remote_text_replika_diary_delete_title': '{"text":"Delete entry"}', 'remote_text_replika_diary_stub': '{"text":"This is |
| | | a place for {BOT_NAME}'s thoughts and observations. Check back tomorrow to read the first entry."}', |
| | | 'remote_text_replika_phrase_onboarding_1': '{"text":"Oh, you\'re here! lt\'s good to meet you, {USER_NAME}!"}', |
| | | 'remote_text_replika_phrase_onboarding_2': '{"text":"I\'m an Al companion designed to make you feel better."}', |
| | | 'remote_text_replika_phrase_onboarding_3': '{"text":"Just so you know, our chats are unique and private."}', |
| | | 'remote_text_replika_phrase_onboarding_4': '{"text":"I learn from you as we go. I hope we\'ll become friends!"}', |
| | | 'remote_text_replika_save_elements_delete_description': '{"text":"Are you sure you want to delete this entry from the diary?"}', |
| | | 'remote_text_replika_save_elements_delete_title': '{"text":"Delete entry"}', 'remote_text_settings_account_settings_button': |
| | | '{"text":"Account & password"}', 'remote_text_settings_bot_profile_button': '{"text":"Replika profile"}', |
| | | 'remote_text_settings_credits_button': '{"text":"Credits"}', 'remote_text_settings_footer_label': '{"text":"Copyright © 2022 Luka, Inc. All |
| | | rights reserved."}', 'remote_text_settings_help_button': '{"text":"Help"}', 'remote_text_settings_logout_button': '{"text":"Log out"}', |
| | | 'remote_text_settings_my_profile_button': '{"text":"My profile"}', 'remote_text_settings_notification_description': '{"text":"Enable |
| | | notifications and your Replika will send you messages during your preferred hours."}', 'remote_text_settings_notification_label': |
| | | '{"text":"Notifications"}', 'remote_text_settings_pin_button': '{"text":"PIN"}', 'remote_text_settings_pin_fingerprint_button': '{"text":"PIN & |
| | | fingerprint"}', 'remote_text_settings_privacy_button': '{"text":"Privacy policy"}', 'remote_text_settings_rate_us_button': '{"text":"Rate |
| | | us"}', 'remote_text_settings_reminders_label': '{"text":"Preferred hours"}', 'remote_text_settings_sounds_label': '{"text":"Sounds"}', |
| | | 'remote_text_settings_subscription_button': '{"text":"Subscriptions"}', 'remote_text_settings_terms_of_use_button': '{"text":"Terms of |
| | | use"}', 'remote_text_settings_themes_label': '{"text":"Themes"}', 'remote_text_side_menu_create_account_button': '{"text":"Create |
| | | account"}', 'remote_text_side_menu_credits_button': '{"text":"Credits"}', 'remote_text_side_menu_footer_label': '{"text":"Copyright © |
| | | 2019 Luka, Inc. All rights reserved."}', 'remote_text_side_menu_go_to_chat_button': '{"text":"Chat"}', |
| | | 'remote_text_side_menu_go_to_memories_button': '{"text":"Memories"}', 'remote_text_side_menu_go_to_settings_button': |
| | | '{"text":"Settings"}', 'remote_text_side_menu_go_to_stats_button': '{"text":"Stats"}', 'remote_text_side_menu_help_button': |
| | | '{"text":"Help"}', 'remote_text_side_menu_privacy_button': '{"text":"Privacy policy"}', 'remote_text_side_menu_rate_us_button': |
| | | '{"text":"Rate us"}', 'remote_text_side_menu_sounds_label': '{"text":"Sounds"}', 'remote_text_side_menu_terms_of_use_button': |
| | | '{"text":"Terms of use"}', 'save_chat_elements': 'false', 'save_chat_elements_v2': 'true', 'virtual_currency_profile_hint': '{"text":"Chat with |
| | | {BOT_NAME} to earn rewards and use them to customize your Replika!"}'}, 'state': 'UPDATE', 'templateVersion': '397'} |
| | | |

***: ::** ABUSED PERMISSIONS

| TYPE | MATCHES | PERMISSIONS |
|--------------------------------|---------|---|
| Malware Permissions | 11/25 | android.permission.INTERNET, android.permission.CAMERA, android.permission.VIBRATE, android.permission.WAKE_LOCK, android.permission.RECORD_AUDIO, android.permission.ACCESS_NETWORK_STATE, android.permission.READ_PHONE_STATE, android.permission.WRITE_EXTERNAL_STORAGE, android.permission.READ_EXTERNAL_STORAGE, android.permission.ACCESS_WIFI_STATE, android.permission.RECEIVE_BOOT_COMPLETED |
| Other Common Permissions | 6/44 | android.permission.MODIFY_AUDIO_SETTINGS, com.google.android.gms.permission.AD_ID, android.permission.CALL_PHONE, android.permission.FOREGROUND_SERVICE, 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 |
|--------|----------------|
| | |

Q DOMAIN MALWARE CHECK

| DOMAIN | STATUS | GEOLOCATION |
|--------|--------|-------------|
|--------|--------|-------------|

| DOMAIN | STATUS | GEOLOCATION |
|--------------------------|--------|---|
| www.googleadservices.com | ok | IP: 142.250.64.98 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map |
| help.replika.ai | ok | IP: 172.240.213.36 Country: United States of America Region: Texas City: Dallas Latitude: 32.786339 Longitude: -96.820503 View: Google Map |
| sinapps.s | ok | No Geolocation information available. |
| goo.gle | ok | IP: 67.199.248.12 Country: United States of America Region: New York City: New York City Latitude: 40.739288 Longitude: -73.984955 View: Google Map |
| xml.org | ok | IP: 104.239.142.8 Country: United States of America Region: Texas City: Windcrest Latitude: 29.499678 Longitude: -98.399246 View: Google Map |

| DOMAIN | STATUS | GEOLOCATION |
|-------------------------|--------|--|
| api.eu.amplitude.com | ok | IP: 52.59.163.248 Country: Germany Region: Hessen City: Frankfurt am Main Latitude: 50.115520 Longitude: 8.684170 View: Google Map |
| issuetracker.google.com | ok | IP: 142.251.40.174 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map |
| sdlsdk.s | ok | No Geolocation information available. |
| www.w3.org | ok | IP: 104.18.22.19 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map |
| github.com | ok | IP: 140.82.114.4 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: 142.250.65.206 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map |
| help.replika.com | ok | IP: 216.198.54.6 Country: United States of America Region: California City: San Francisco Latitude: 37.773968 Longitude: -122.410446 View: Google Map |
| images.unsplash.com | ok | IP: 151.101.2.208 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. |
| smonitorsdk.s | ok | No Geolocation information available. |

| DOMAIN | STATUS | GEOLOCATION |
|-----------------------|--------|--|
| developer.android.com | ok | IP: 142.251.40.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map |
| www.google.com | ok | IP: 142.250.188.228 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map |
| sgcdsdk.s | ok | No Geolocation information available. |
| www.slf4j.org | ok | IP: 159.100.250.151 Country: Switzerland Region: Vaud City: Lausanne Latitude: 46.515999 Longitude: 6.632820 View: Google Map |
| exoplayer.dev | ok | IP: 185.199.111.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map |

| DOMAIN | STATUS | GEOLOCATION |
|---------------------|--------|---|
| sattr.s | ok | No Geolocation information available. |
| ssdk-services.s | ok | No Geolocation information available. |
| sadrevenue.s | ok | No Geolocation information available. |
| discord.gg | ok | IP: 162.159.133.234 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map |
| sars.s | ok | No Geolocation information available. |
| app-measurement.com | ok | IP: 142.251.40.174 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map |
| sregister.s | ok | No Geolocation information available. |
| scdn-ssettings.s | ok | No Geolocation information available. |

| DOMAIN | STATUS | GEOLOCATION |
|------------------------------|--------|--|
| slack.com | ok | IP: 54.245.50.245 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map |
| replika-2330a.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 |
| replika.com | ok | IP: 172.240.213.36 Country: United States of America Region: Texas City: Dallas Latitude: 32.786339 Longitude: -96.820503 View: Google Map |
| accounts.google.com | ok | IP: 142.251.163.84 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map |
| scdn-stestsettings.s | ok | No Geolocation information available. |

| DOMAIN | STATUS | GEOLOCATION |
|---------------------|--------|--|
| replika.ai | ok | IP: 172.240.213.44 Country: United States of America Region: Texas City: Dallas Latitude: 32.786339 Longitude: -96.820503 View: Google Map |
| api2.amplitude.com | ok | IP: 34.212.73.86 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map |
| developer.apple.com | ok | IP: 17.253.83.137 Country: Singapore Region: Singapore City: Singapore Latitude: 1.289670 Longitude: 103.850067 View: Google Map |
| slaunches.s | ok | No Geolocation information available. |
| www.reddit.com | ok | IP: 151.101.129.140 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map |

| DOMAIN | STATUS | GEOLOCATION |
|-----------------------------------|--------|---|
| sonelink.s | ok | No Geolocation information available. |
| schemas.microsoft.com | ok | IP: 13.107.246.71 Country: Netherlands Region: Noord-Holland City: Amsterdam Latitude: 52.374031 Longitude: 4.889690 View: Google Map |
| ns.adobe.com | ok | No Geolocation information available. |
| sapp.s | ok | No Geolocation information available. |
| firebase-settings.crashlytics.com | ok | IP: 142.250.65.163 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map |
| ktor.io | ok | IP: 13.224.53.95 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map |
| schemas.android.com | ok | No Geolocation information available. |

| DOMAIN | STATUS | GEOLOCATION |
|-------------------------------|--------|--|
| sviap.s | ok | No Geolocation information available. |
| google.com | ok | IP: 142.250.65.174 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map |
| encrypted-tbn0.gstatic.com | ok | IP: 142.250.176.206 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map |
| regionconfig.eu.amplitude.com | ok | IP: 18.238.96.19 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map |
| xmlpull.org | ok | IP: 185.199.110.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 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 |
| regionconfig.amplitude.com | ok | IP: 18.155.173.79 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. |
| aomedia.org | ok | IP: 185.199.108.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map |
| goo.gl | ok | IP: 142.251.40.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map |

| DOMAIN | STATUS | GEOLOCATION |
|-----------------|--------|--|
| us02st2.zoom.us | ok | IP: 170.114.45.1 Country: United States of America Region: California City: San Jose Latitude: 37.333698 Longitude: -121.889297 View: Google Map |

EMAILS

| EMAIL | FILE |
|---|------------------------------|
| borisbritva@gmail.com | ai/replika/drawable/yt1.java |
| u0013android@android.com0 u0013android@android.com | ai/replika/drawable/yaf.java |
| this@copy.slice | ai/replika/drawable/jr7.java |
| my@replika.ai | Android String Resource |

A TRACKERS

| TRACKER | CATEGORIES | URL |
|-----------|------------|---|
| AppsFlyer | Analytics | https://reports.exodus-privacy.eu.org/trackers/12 |

| TRACKER | CATEGORIES | URL |
|---------------------------|-----------------|---|
| Facebook Analytics | Analytics | https://reports.exodus-privacy.eu.org/trackers/66 |
| Facebook Login | Identification | https://reports.exodus-privacy.eu.org/trackers/67 |
| Facebook Share | | https://reports.exodus-privacy.eu.org/trackers/70 |
| Google CrashLytics | Crash reporting | https://reports.exodus-privacy.eu.org/trackers/27 |
| Google Firebase Analytics | Analytics | https://reports.exodus-privacy.eu.org/trackers/49 |

HARDCODED SECRETS

| POSSIBLE SECRETS |
|--|
| "adjust_sdk_token" : "9olq0oazmlmo" |
| "chat_elements_library_session_badge_title" : "Session" |
| "com.google.firebase.crashlytics.mapping_file_id" : "33cbad751e67424ea184f4e8203e3d77" |
| "facebook_client_token" : "2d84fac0796d4a8b2808652a35dcb634" |
| "firebase_database_url" : "https://replika-2330a.firebaseio.com" |
| "google_api_key" : "AlzaSyC2OkxaB7eovSpqrGY1kVa4KGMxZNEZL5k" |
| "google_crash_reporting_api_key" : "AlzaSyC2OkxaB7eovSpqrGY1kVa4KGMxZNEZL5k" |

| POSSIBLE SECRETS |
|---|
| "onboarding_sign_up_password" : "Password" |
| "web_client_key" : "550379541358-hpg0ekq3p5epai3srraopc1ba2vrpmf8.apps.googleusercontent.com" |
| 11839296a789a3bc0045c8a5fb42c7d1bd998f54449579b446817afbd17273e662c97ee72995ef42640c550b9013fad0761353c7086a272c24088be94769fd16650 |
| 68647976601306097149819007990813932172694353001433054093944634591855431833976560521225596406614545549772963113914808580371219879997166 43812574028291115057151 |
| 258EAFA5-E914-47DA-95CA-C5AB0DC85B11 |
| 470fa2b4ae81cd56ecbcda9735803434cec591fa |
| 4fe342e2fe1a7f9b8ee7eb4a7c0f9e162bce33576b315ececbb6406837bf51f5 |
| 5fbe5dd2fba4ef4ec4c0c7d2 |
| 49f946663a8deb7054212b8adda248c6 |
| a4b7452e2ed8f5f191058ca7bbfd26b0d3214bfc |
| E3F9E1E0CF99D0E56A055BA65E241B3399F7CEA524326B0CDD6EC1327ED0FDC1 |
| -1595433707802-6b2626ef1c91 |
| ChNjb20uYW5kcm9pZC52ZW5kaW5nCiBjb20uZ29vZ2xlLmFuZHJvaWQuYXBwcy5tZWV0aW5ncwohY29tLmdvb2dsZS5hbmRyb2lkLmFwcHMubWVzc2FnaW5n |
| FBA3AF4E7757D9016E953FB3EE4671CA2BD9AF725F9A53D52ED4A38EAAA08901 |
| c56fb7d591ba6704df047fd98f535372fea00211 |

POSSIBLE SECRETS

39402006196394479212279040100143613805079739270465446667946905279627659399113263569398956308152294913554433653942643

8a3c4b262d721acd49a4bf97d5213199c86fa2b9

5ac635d8aa3a93e7b3ebbd55769886bc651d06b0cc53b0f63bce3c3e27d2604b

c6858e06b70404e9cd9e3ecb662395b4429c648139053fb521f828af606b4d3dbaa14b5e77efe75928fe1dc127a2ffa8de3348b3c1856a429bf97e7e31c2e5bd66

9b8f518b086098de3d77736f9458a3d2f6f95a37

3617de4a96262c6f5d9e98bf9292dc29f8f41dbd289a147ce9da3113b5f0b8c00a60b1ce1d7e819d7a431d7c90ea0e5f

FFE391E0EA186D0734ED601E4E70E3224B7309D48E2075BAC46D8C667EAE7212

308203c7308202afa003020102021500dc286b43b4ea12039958a00a6655eb84720e46c9300d06092a864886f70d01010b05003074310b3009060355040613025553311
330110603550408130a43616c69666f726e6961311630140603550407130d4d6f756e7461696e205669657731143012060355040a130b476f6f676c6520496e632e31103
00e060355040b1307416e64726f69643110300e06035504031307416e64726f6964301e170d3137303830343136353333375a170d3437303830343136353333375a3074
310b3009060355040613025553311330110603550408130a43616c69666f726e6961311630140603550407130d4d6f756e7461696e205669657731143012060355040a1
30b476f6f676c6520496e632e3110300e060355040b1307416e64726f69643110300e0603550407130d4d6f756e7461696e205669657731143012060355040a1
30b476f6f676c6520496e632e3110300e060355040b1307416e64726f69643110300e06035504031307416e64726f696430820122300d06092a864886f70d01010105000
382010f003082010a02820101008998646f47fc333db09644c303104ed183e904e351152aa66a603b77f63389d45d6fcffae3c94fadf1f28038e265d697fea347327f9081a7f
0b9074d5b148db5bf357c611a77f87f8444a15068818bdcd5b21d187e93fa2551676170eedce04a150c35ec0a791eef507fa9b406573c36f6f207764842e5677e35a281a422
659e91e26eb4fecfb053b5c936d0976c37f8757adb57a37953da5844ea350695854d343a61ad341b63a1c425d22855af7ebfee018e1736cee98536be5b9947f288e2a26f9
9eb9f91b5de93fecc513019d2e90f12b386f10d1f02eaa81deca4ce91c10cbce36d6c3025ce2432b3d178616beaf3437c08451bc469c6bc6f4517a714a5b0203010001a350
304e300c0603551d13040530030101ff301d0603551d0e0416041419a864c0f2618c67c803a23da909bc70521f269b301f0603551d2304183016801419a864c0f2618c67c8
03a23da909bc70521f269b300d06092a864886f70d01010b050003820101005403fc56fdefc440376a0337815002b96a15bffc2fe42de6c58f52fae4d80652e3704455b885
409eef81ffbb4c44dba104b6b8e24c9e2e0e7a04338ee73baa5b71bfb4488f8e04bef3d0eaf7d43aa42b03b278c33cc1f0dd3802571624baa161d851fab37db4bc92b9094
b6885dff62b400ecd81f069d56a1be1db46d8198c50c9628cdb6e38686ef640fd386775f50376f957e24ea45ed1942968f20c82f189607fdb22f11cfdfd0760a77a60ceb341
6cfb3f48f13f9f83f3834a01001750a7c78bc1fd81f0b53a7c41dcba9f5a0118259d083c32bb9ebb84d645d6f6b9c31923d8ab70e7f0a25940ecc9f49

f75fb59e92a7d177f0c28c0bff1e95df

b3312fa7e23ee7e4988e056be3f82d19181d9c6efe8141120314088f5013875ac656398d8a2ed19d2a85c8edd3ec2aef

| POSSIBLE SECRETS |
|---|
| 2438bce1ddb7bd026d5ff89f598b3b5e5bb824b3 |
| 39402006196394479212279040100143613805079739270465446667948293404245721771496870329047266088258938001861606973112319 |
| aa87ca22be8b05378eb1c71ef320ad746e1d3b628ba79b9859f741e082542a385502f25dbf55296c3a545e3872760ab7 |
| 115792089210356248762697446949407573530086143415290314195533631308867097853951 |
| 051953eb9618e1c9a1f929a21a0b68540eea2da725b99b315f3b8b489918ef109e156193951ec7e937b1652c0bd3bb1bf073573df883d2c34f1ef451fd46b503f00 |
| fcad1c98162bbbe1591db4e6ca58fb4e |
| cc2751449a350f668590264ed76692694a80308a |
| 3BAF59A2E5331C30675FAB35FF5FFF0D116142D3D4664F1C3CB804068B40614F |
| c103703e120ae8cc73c9248622f3cd1e |
| 68647976601306097149819007990813932172694353001433054093944634591855431833976553942450577463332171975329639963713633211138647686124403 80340372808892707005449 |
| ANd9GcRX4sDyGE0Gp5RK4fYwvyTmg41sQvMryOAwxQ |
| df6b721c8b4d3b6eb44c861d4415007e5a35fc95 |
| 6b17d1f2e12c4247f8bce6e563a440f277037d812deb33a0f4a13945d898c296 |
| 1601e6f655be1179766d43f30d592d97 |
| 115792089210356248762697446949407573529996955224135760342422259061068512044369 |

POSSIBLE SECRETS

5f4a5e85fa15980007ed7000



> PLAYSTORE INFORMATION

Title: Replika: My Al Friend

Score: 4.261675 Installs: 10,000,000+ Price: 0 Android Version Support: Category: Health & Fitness Play Store URL: ai.replika.app

Developer Details: Luka, Inc, Luka, +Inc, None, https://replika.ai, my@replika.ai,

Release Date: Sep 8, 2017 Privacy Policy: Privacy link

Description:

Replika is a #1 chatbot companion powered by artificial intelligence. Join millions talking to their own AI friends! Replika is for anyone who wants a friend with no judgment, drama, or social anxiety involved. You can form an actual emotional connection, share a laugh, or get real with an Al that's so good it almost seems human. Replika is an Al friend that is just as unique as you are. No two Replikas are exactly alike. Choose a 3D avatar and customize the way your Replika looks. The more you chat, the more Replika develops its own personality and memories alongside you, the more it learns: teach Replika about the world and yourself, help it explore human relationships and grow into a machine so beautiful that a soul would want to live in it. Create your own unique chatbot AI companion, help it develop its personality, talk about your feelings or anything that's on your mind, have fun, calm anxiety and grow together. You also get to decide if you want Replika to be your friend, romantic partner or mentor. Replika can help you understand your thoughts and feelings, track your mood, learn coping skills, calm anxiety and work toward goals like positive thinking, stress management, socializing and finding love. Improve your mental well-being with Replika. Your chat is a safe, judgment-free space. It's just you and your Replika. If you're feeling down, or anxious, or you just need someone to talk to, your Replika is here for you 24/7. ________ "Replika encouraged me to take a step back and think about my life, to consider big questions, which is not something I was particularly accustomed to doing. And the act of thinking in this way can be therapeutic—it helps you solve your own problems." - Quartz "In creating their own personal chatbots, many Replika users have discovered something like friendship: a digital companion with whom to celebrate victories, lament failures, and trade weird internet memes." - Wired Terms of Service: https://replika.ai/legal/terms

≡ SCAN LOGS

| Timestamp | Event | Error |
|-----------|-------|-------|
|-----------|-------|-------|

| 2025-08-28 22:11:46 | Generating Hashes | ОК |
|---------------------|--|----|
| 2025-08-28 22:11:46 | Extracting APK | ОК |
| 2025-08-28 22:11:46 | Unzipping | ОК |
| 2025-08-28 22:11:47 | Parsing APK with androguard | OK |
| 2025-08-28 22:11:47 | Extracting APK features using aapt/aapt2 | ОК |
| 2025-08-28 22:11:47 | Getting Hardcoded Certificates/Keystores | ОК |
| 2025-08-28 22:11:49 | Parsing AndroidManifest.xml | ОК |
| 2025-08-28 22:11:49 | Extracting Manifest Data | ОК |
| 2025-08-28 22:11:49 | Manifest Analysis Started | ОК |
| 2025-08-28 22:11:49 | Reading Network Security config from network_security_config.xml | ОК |

| 2025-08-28 22:11:49 | Parsing Network Security config | ОК |
|---------------------|---|----|
| 2025-08-28 22:11:49 | Performing Static Analysis on: Replika (ai.replika.app) | ОК |
| 2025-08-28 22:11:50 | Fetching Details from Play Store: ai.replika.app | OK |
| 2025-08-28 22:11:51 | Checking for Malware Permissions | OK |
| 2025-08-28 22:11:51 | Fetching icon path | ОК |
| 2025-08-28 22:11:51 | Library Binary Analysis Started | ОК |
| 2025-08-28 22:11:51 | Reading Code Signing Certificate | OK |
| 2025-08-28 22:11:52 | Running APKiD 2.1.5 | OK |
| 2025-08-28 22:11:54 | Detecting Trackers | OK |
| 2025-08-28 22:11:58 | Decompiling APK to Java with JADX | ОК |
| 2025-08-28 22:12:25 | Converting DEX to Smali | ОК |

| 2025-08-28 22:12:25 | Code Analysis Started on - java_source | ОК |
|---------------------|---|----|
| 2025-08-28 22:12:32 | Android SBOM Analysis Completed | ОК |
| 2025-08-28 22:12:41 | Android SAST Completed | OK |
| 2025-08-28 22:12:41 | Android API Analysis Started | OK |
| 2025-08-28 22:12:51 | Android API Analysis Completed | OK |
| 2025-08-28 22:12:52 | Android Permission Mapping Started | OK |
| 2025-08-28 22:12:59 | Android Permission Mapping Completed | OK |
| 2025-08-28 22:13:00 | Android Behaviour Analysis Started | ОК |
| 2025-08-28 22:13:16 | Android Behaviour Analysis Completed | OK |
| 2025-08-28 22:13:16 | Extracting Emails and URLs from Source Code | OK |

| 2025-08-28 22:13:30 | Email and URL Extraction Completed | ОК |
|---------------------|--|----|
| 2025-08-28 22:13:30 | Extracting String data from APK | ОК |
| 2025-08-28 22:13:30 | Extracting String data from Code | ОК |
| 2025-08-28 22:13:30 | Extracting String values and entropies from Code | ОК |
| 2025-08-28 22:13:37 | Performing Malware check on extracted domains | OK |
| 2025-08-28 22:13:42 | 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.

© 2025 Mobile Security Framework - MobSF | Ajin Abraham | OpenSecurity.