

ANDROID STATIC ANALYSIS REPORT



Alpha Progression (5.1.2)

| File Name: | com.alphaprogression.alphaprogression_390.apk | | |
|---------------------|---|--|--|
| Package Name: | com.alphaprogression.alphaprogression | | |
| Scan Date: | Aug. 29, 2025, 7:34 p.m. | | |
| App Security Score: | 53/100 (MEDIUM RISK) | | |
| Grade: | | | |
| Trackers Detection: | 2/432 | | |

FINDINGS SEVERITY

| ≟ HIGH | ▲ MEDIUM | i INFO | ✓ SECURE | ® HOTSPOT |
|---------------|----------|--------|----------|------------------|
| 0 | 18 | 2 | 1 | 5 |

FILE INFORMATION

File Name: com.alphaprogression.alphaprogression_390.apk

Size: 115.78MB

MD5: 47a8c80e200d3b3de80794172d5c9524

SHA1: 8ba3ff5f8aa39f4c6453dc3b3c1eea13d974a55a

SHA256: e6e93ff57dbcbe6f27c72dba3934946e1970b31d8b5b6913991f72ad0a4d9123

i APP INFORMATION

App Name: Alpha Progression

Package Name: com.alphaprogression.alphaprogression

Main Activity: com.alphaprogression.alphaprogression.MainActivity

Target SDK: 34 Min SDK: 26 Max SDK:

Android Version Name: 5.1.2

EE APP COMPONENTS

Activities: 7
Services: 6
Receivers: 9
Providers: 4

Exported Activities: 2 Exported Services: 1 Exported Receivers: 4 Exported Providers: 0

CERTIFICATE INFORMATION

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

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

Signature Algorithm: rsassa_pkcs1v15 Valid From: 2019-10-18 15:19:38+00:00 Valid To: 2049-10-18 15:19:38+00:00

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

Serial Number: 0xc1a94f94c4aa4ed9743bbc1feef2365d25882cfd

Hash Algorithm: sha256

md5: 790e6a2d3b523cc98bd0fcde689b4dc3

sha1: be21498a76f0204d52bee0bd98a16122aec2895f

sha256: 2fe575892ba5f5211db8c791ddd03de8f9bdabca59d443d6ca08ce050ca658d4

sha512: ed17c42c0093aff83e94bda6c90e476e432a58e663432bf139eee6fd52c9979d8adb024be3540236d1fb3136403f44418f0da2210ef72c078cdf8fd967c79609

PublicKey Algorithm: rsa

Bit Size: 4096

Fingerprint: 55cd43ca3e0c2996aa03e0bce6caeafa8a93d217156a127934da28e4ed2826ab

Found 1 unique certificates

E APPLICATION PERMISSIONS

| PERMISSION | STATUS | INFO | DESCRIPTION |
|---|--------|--|---|
| android.permission.SCHEDULE_EXACT_ALARM | normal | permits exact alarm scheduling for background work. | Allows an app to use exact alarm scheduling APIs to perform timing sensitive background work. |
| android.permission.USE_EXACT_ALARM | normal | allows using exact alarms without user permission. | Allows apps to use exact alarms just like with SCHEDULE_EXACT_ALARM but without needing to request this permission from the user. This is only intended for use by apps that rely on exact alarms for their core functionality. You should continue using SCHEDULE_EXACT_ALARM if your app needs exact alarms for a secondary feature that users may or may not use within your app. Keep in mind that this is a powerful permission and app stores may enforce policies to audit and review the use of this permission. Such audits may involve removal from the app store if the app is found to be misusing this permission. |
| 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.INTERNET | normal | full Internet access | Allows an application to create network sockets. |
| android.permission.WAKE_LOCK | normal | prevent phone from sleeping | Allows an application to prevent the phone from going to sleep. |
| android.permission.VIBRATE | normal | control vibrator | Allows the application to control the vibrator. |
| 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. |
| android.permission.POST_NOTIFICATIONS | dangerous | allows an app to post notifications. | Allows an app to post notifications |
| 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.health.READ_WEIGHT | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.WRITE_WEIGHT | unknown | Unknown permission | Unknown permission from android reference |

| PERMISSION | | INFO | DESCRIPTION |
|--|-----------|--|--|
| android.permission.health.READ_BODY_FAT | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.WRITE_BODY_FAT | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.READ_EXERCISE | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.WRITE_EXERCISE | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.READ_ACTIVE_CALORIES_BURNED | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.WRITE_ACTIVE_CALORIES_BURNED | unknown | Unknown permission | Unknown permission from android reference |
| 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. |
| com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE | normal | permission defined by google | A custom permission defined by Google. |
| com.android.vending.BILLING | normal | application has in- app purchases | Allows an application to make in-app purchases from Google Play. |

| PERMISSION | STATUS | INFO | DESCRIPTION |
|--|---------|-----------------------|---|
| com.alphaprogression.alphaprogression.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION | unknown | Unknown permission | Unknown permission from android reference |

M APKID ANALYSIS

| FILE | DETAILS | | |
|--------------------------------------|---|--|---|
| 47a8c80e200d3b3de80794172d5c9524.apk | FINDINGS DETAILS Obfuscator Kiwi encrypter | | |
| | FINDINGS | DETAILS | |
| classes.dex | Anti-VM Code | Build.MOD Build.MAN Build.BRAN Build.DEVI | UFACTURER check ID check CE check DUCT check RD check |
| | Obfuscator | Kiwi encryp | pter |
| | Compiler | r8 without | marker (suspicious) |

| FILE | DETAILS | | |
|--------------|-----------------|-----------------------------------|--|
| | FINDINGS | DETAILS | |
| classes2.dex | Anti Debug Code | Debug.isDebuggerConnected() check | |
| Clussessing | Anti-VM Code | Build.MANUFACTURER check | |
| | Compiler | r8 without marker (suspicious) | |

BROWSABLE ACTIVITIES

| ACTIVITY | INTENT |
|--|--|
| com.alphaprogression.alphaprogression.MainActivity | Schemes: @string/custom_url_scheme://, |

△ NETWORK SECURITY

| NO SCOPE SEVERITY DESCRIPTION | |
|-------------------------------|--|
|-------------------------------|--|

CERTIFICATE ANALYSIS

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

Q MANIFEST ANALYSIS

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

| NO | ISSUE | SEVERITY | DESCRIPTION |
|----|--|----------|--|
| 1 | App can be installed on a vulnerable Android version Android 8.0, minSdk=26] | warning | This application can be installed on an older version of android that has multiple vulnerabilities. Support an Android version => 10, API 29 to receive reasonable security updates. |
| 2 | Application Data can be Backed up [android:allowBackup=true] | warning | This flag allows anyone to backup your application data via adb. It allows users who have enabled USB debugging to copy application data off of the device. |
| 3 | 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. |
| 4 | Activity (org.apache.cordova.health.PermissionsRationaleActivity) is not Protected. [android:exported=true] | warning | An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. |

| NO | ISSUE | SEVERITY | DESCRIPTION |
|----|---|----------|--|
| 5 | Activity-Alias (capacitor.cordova.android.plugins.ViewPermissionUsageActivity) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.START_VIEW_PERMISSION_USAGE [android:exported=true] | warning | An Activity-Alias is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. 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. |
| 6 | Broadcast Receiver (nl.xservices.plugins.ShareChooserPendingIntent) 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.amazon.device.iap.ResponseReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.amazon.inapp.purchasing.Permission.NOTIFY [android:exported=true] | warning | A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission. |
| 8 | Service (androidx.health.platform.client.impl.sdkservice.HealthDataSdkService) is not Protected. [android:exported=true] | warning | A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. |

| NO | ISSUE | SEVERITY | DESCRIPTION |
|----|--|----------|--|
| 9 | Broadcast Receiver (androidx.profileinstaller.ProfileInstallReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.DUMP [android:exported=true] | warning | A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission. |

</> CODE ANALYSIS

HIGH: 0 | WARNING: 6 | INFO: 2 | SECURE: 1 | SUPPRESSED: 0

| NO | ISSUE | SEVERITY | STANDARDS | FILES |
|----|-------|----------|-----------|---|
| | | | | com/adjust/sdk/Constants.java com/capacitorjs/plugins/localnotifications/LocalNotific ationManager.java com/capacitorjs/plugins/localnotifications/Notification Storage.java com/capacitorjs/plugins/localnotifications/TimedNotifi cationPublisher.java com/getcapacitor/AppUUID.java com/getcapacitor/Bridge.java com/getcapacitor/Plugin.java com/revenuecat/purchases/amazon/AmazonBillingKt.j ava com/revenuecat/purchases/amazon/AmazonCacheKt.j ava com/revenuecat/purchases/capacitor/PurchasesPlugin .java com/revenuecat/purchases/common/BackendKt.java com/revenuecat/purchases/common/BackendKt.java |

| NO 1 | ISSUEay contain hardcoded sensitive information like usernames, | SEVERITY | CWE: CWE-312: Cleartext Storage of STAINDARD Sation OWASP Top 10: M9: Reverse | reCallbackCacheKey.java Folia Pevenuecat/purchases/common/caching/DeviceC ache.java |
|---------|--|----------|---|--|
| | passwords, keys etc. | Wattimg | Engineering OWASP MASVS: MSTG-STORAGE-14 | com/revenuecat/purchases/common/diagnostics/Diag nosticsEntry.java com/revenuecat/purchases/common/diagnostics/Diag nosticsHelper.java com/revenuecat/purchases/common/diagnostics/Diag nosticsTracker.java com/revenuecat/purchases/common/offlineentitleme nts/ProductEntitlementMapping.java com/revenuecat/purchases/common/verification/Defa ultSignatureVerifier.java com/revenuecat/purchases/common/verification/Sign ature.java com/revenuecat/purchases/common/verification/Signi ngManager.java com/revenuecat/purchases/strings/ConfigureStrings.ja va com/revenuecat/purchases/strings/ConfigureStrings.ja va com/revenuecat/purchases/subscriberattributes/Subsc riberAttribute.java com/revenuecat/purchases/subscriberattributes/Subsc riberAttributeKt.java |
| 2 | 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/getcapacitor/BridgeWebChromeClient.java com/getcapacitor/FileUtils.java nl/xservices/plugins/SocialSharing.java |
| 3 | App creates temp file. Sensitive information should never be written into a temp file. | warning | CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2 | com/getcapacitor/BridgeWebChromeClient.java |

| NO | ISSUE | SEVERITY | STANDARDS | FILES |
|----|---|----------|--|---|
| 4 | The App uses an insecure Random Number Generator. | warning | CWE: CWE-330: Use of Insufficiently Random Values OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-6 | com/adjust/sdk/Util.java com/amazon/a/a/b/b.java com/amazon/a/a/i/b.java com/amazon/a/a/l/c.java |
| 5 | 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/adjust/sdk/Logger.java com/amazon/a/a/g/d.java com/amazon/c/a/d.java com/amazon/device/drm/LicensingService.java com/amazon/device/drm/a/d/c.java com/amazon/device/drm/a/d/c.java com/amazon/device/iap/PurchasingService.java com/amazon/device/iap/Internal/c/e.java com/amazon/device/simplesignin/BroadcastHandler.j ava com/amazon/device/simplesignin/SimpleSignInService .java com/amazon/device/simplesignin/a/a/c/b.java com/amazon/device/simplesignin/a/c/b.java com/amazon/device/simplesignin/a/c/b.java com/amazon/device/simplesignin/a/c/b.java com/amazon/device/simplesignin/a/c/b.java com/revenuecat/purchases/capacitor/PurchasesPlugin .java com/revenuecat/purchases/capacitor/PurchasesPlugin .java com/revenuecat/purchases/common/DefaultLogHandl er.java com/revenuecat/purchases/hybridcommon/Common Kt.java com/revenuecat/purchases/hybridcommon/Common Kt.java com/revenuecat/purchases/hybridcommon/mappers/ PurchasesPeriod.java defpackage/Crypto.java defpackage/NativeStorage.java io/capawesome/capacitorjs/plugins/firebase/analytics/ FirebaseAnalytics.java io/capawesome/capacitorjs/plugins/firebase/remoteco nfig/FirebaseRemoteConfig.java |

| NO | ISSUE | SEVERITY | STANDARDS | FILES |
|----|---|----------|---|---|
| 6 | 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/amazon/a/a/o/b/a.java com/revenuecat/purchases/common/UtilsKt.java |
| 7 | IP Address disclosure | warning | CWE: CWE-200: Information Exposure OWASP MASVS: MSTG-CODE-2 | com/amazon/device/drm/LicensingService.java com/amazon/device/iap/PurchasingService.java |
| 8 | This App uses SSL certificate pinning to detect or prevent MITM attacks in secure communication channel. | secure | OWASP MASVS: MSTG-NETWORK-4 | com/amazon/a/a/o/b/a.java |
| 9 | 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 | nl/xservices/plugins/SocialSharing.java |

■ NIAP ANALYSIS v1.3

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



| RULE ID | BEHAVIOUR | LABEL | FILES |
|------------|---|-----------------|---|
| 00063 | Implicit intent(view a web page, make a phone call, etc.) | control | com/adjust/sdk/ActivityHandler.java com/adjust/sdk/PreinstallUtil.java com/amazon/a/a/i/a.java com/amazon/a/a/i/g.java com/amazon/device/iap/internal/a/a.java com/capacitorjs/plugins/localnotifications/LocalNotificationManager.java com/getcapacitor/Bridge.java nl/xservices/plugins/SocialSharing.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/amazon/a/a/i/g.java com/capacitorjs/plugins/localnotifications/LocalNotificationManager.java com/capacitorjs/plugins/localnotifications/NotificationChannelManager.jav a com/getcapacitor/AndroidProtocolHandler.java com/getcapacitor/Bridge.java com/getcapacitor/plugin/util/AssetUtil.java |
| 00096 | Connect to a URL and set request method | command network | com/getcapacitor/WebViewLocalServer.java com/getcapacitor/plugin/util/HttpRequestHandler.java com/revenuecat/purchases/common/HTTPClient.java |
| 00089 | Connect to a URL and receive input stream from the server | command network | com/getcapacitor/WebViewLocalServer.java com/getcapacitor/plugin/util/AssetUtil.java com/getcapacitor/plugin/util/HttpRequestHandler.java com/revenuecat/purchases/common/HTTPClient.java |
| 00030 | Connect to the remote server through the given URL | network | com/adjust/sdk/AdjustLinkResolution.java com/getcapacitor/WebViewLocalServer.java com/getcapacitor/plugin/util/AssetUtil.java com/getcapacitor/plugin/util/HttpRequestHandler.java |

| RULE ID | BEHAVIOUR | LABEL | FILES |
|------------|---|----------------------|--|
| 00109 | Connect to a URL and get the response code | network command | com/getcapacitor/WebViewLocalServer.java com/getcapacitor/plugin/util/HttpRequestHandler.java com/revenuecat/purchases/common/HTTPClient.java |
| 00094 | Connect to a URL and read data from it | command network | com/getcapacitor/WebViewLocalServer.java com/getcapacitor/plugin/util/AssetUtil.java com/getcapacitor/plugin/util/HttpRequestHandler.java |
| 00108 | Read the input stream from given URL | network command | com/getcapacitor/WebViewLocalServer.java com/getcapacitor/plugin/util/AssetUtil.java com/getcapacitor/plugin/util/HttpRequestHandler.java |
| 00013 | Read file and put it into a stream | file | com/adjust/sdk/PreinstallUtil.java com/amazon/c/a/a/c.java com/getcapacitor/AndroidProtocolHandler.java com/revenuecat/purchases/common/FileHelper.java |
| 00091 | Retrieve data from broadcast | collection | com/amazon/device/drm/a/d/c.java com/amazon/device/iap/internal/c/e.java com/amazon/device/simplesignin/a/c/b.java com/getcapacitor/Bridge.java |
| 00125 | Check if the given file path exist | file | com/getcapacitor/Bridge.java |
| 00022 | Open a file from given absolute path of the file | file | com/amazon/a/a/b/b.java com/getcapacitor/FileUtils.java com/getcapacitor/plugin/util/AssetUtil.java |
| 00072 | Write HTTP input stream into a file | command network file | com/getcapacitor/plugin/util/AssetUtil.java |
| 00123 | Save the response to JSON after connecting to the remote server | network command | com/getcapacitor/plugin/util/CapacitorHttpUrlConnection.java com/getcapacitor/plugin/util/HttpRequestHandler.java |

| RULE ID | BEHAVIOUR | LABEL | FILES |
|------------|---|------------------------------------|--|
| 00192 | Get messages in the SMS inbox | sms | com/getcapacitor/FileUtils.java |
| 00028 | Read file from assets directory | file | com/getcapacitor/FileUtils.java |
| 00191 | Get messages in the SMS inbox | sms | com/adjust/sdk/DeviceInfo.java com/adjust/sdk/InstallReferrerMeta.java com/getcapacitor/FileUtils.java |
| 00163 | Create new Socket and connecting to it | socket | com/adjust/sdk/network/ActivityPackageSender.java |
| 00189 | Get the content of a SMS message | sms | com/adjust/sdk/DeviceInfo.java |
| 00188 | Get the address of a SMS message | sms | com/adjust/sdk/DeviceInfo.java |
| 00011 | Query data from URI (SMS, CALLLOGS) | sms calllog collection | com/adjust/sdk/DeviceInfo.java |
| 00200 | Query data from the contact list | collection contact | com/adjust/sdk/DeviceInfo.java |
| 00201 | Query data from the call log | collection calllog | com/adjust/sdk/DeviceInfo.java |
| 00077 | Read sensitive data(SMS, CALLLOG, etc) | collection sms calllog calendar | com/adjust/sdk/DeviceInfo.java |
| 00153 | Send binary data over HTTP | http | com/getcapacitor/plugin/util/CapacitorHttpUrlConnection.java |
| 00012 | Read data and put it into a buffer stream | file | com/amazon/c/a/a/c.java |

| RULE ID | BEHAVIOUR | LABEL | FILES |
|------------|---|---------|---|
| 00051 | Implicit intent(view a web page, make a phone call, etc.) via setData | control | nl/xservices/plugins/SocialSharing.java |

FIREBASE DATABASES ANALYSIS

| TITLE | SEVERITY | DESCRIPTION |
|---|----------|---|
| Firebase Remote Config enabled | warning | The Firebase Remote Config at https://firebaseremoteconfig.googleapis.com/v1/projects/460574359104/namespaces/firebase:fetch? key=AlzaSyAyOqvMPnctuyJl9IqhTd5T4xHZgAMIn98 is enabled. Ensure that the configurations are not sensitive. This is indicated by the response: {'entries': {'default_theme': 'auto', 'droptime_ad': 'false', 'hard_paywall': 'false', 'offering': 'default', 'pvs': 'true', 'pvs_dismiss_delay': '0', 'pvs_show_at_launch': 'false', 'pvs_tab': 'true', 'referral_text': 'false', 'sessions_before_rating_cta': '4', 'sessions_before_social_cta': '8', 'show_pvs_after_ob': 'true', 'tpg_preview': 'false', 'training_reminder_copy_de': 'Auf ins Training! ¶ Heute ist der perfekte Tag für deine nächste Trainingseinheit 'B', 'training_reminder_copy_en': "Let's go! ¶ Today is the perfect day for a workout 'B'', 'training_reminder_schedule': '[3, 10, 17, 24, 31]'}, 'state': 'UPDATE', 'templateVersion': '186'} |

***: ::** ABUSED PERMISSIONS

| TYPE | MATCHES | PERMISSIONS |
|--------------------------------|---------|--|
| Malware Permissions | 7/25 | android.permission.ACCESS_NETWORK_STATE, android.permission.INTERNET, android.permission.WAKE_LOCK, android.permission.VIBRATE, android.permission.RECEIVE_BOOT_COMPLETED, android.permission.WRITE_EXTERNAL_STORAGE, android.permission.READ_EXTERNAL_STORAGE |
| Other Common Permissions | 2/44 | com.google.android.gms.permission.AD_ID, 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 | |
| ssrv.adjust.cn | IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou | |

Q 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: 195.244.54.7 Country: Turkey Region: Izmir City: Izmir Latitude: 38.412731 Longitude: 27.138380 View: Google Map |

| DOMAIN | STATUS | GEOLOCATION |
|----------------------------|--------|---|
| api.whatsapp.com | ok | IP: 157.240.11.53 Country: United States of America Region: California City: Los Angeles Latitude: 34.052231 Longitude: -118.243683 View: Google Map |
| app.adjust.com | ok | IP: 185.151.204.10 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map |
| subscription.tr.adjust.com | ok | IP: 195.244.54.7 Country: Turkey Region: Izmir City: Izmir Latitude: 38.412731 Longitude: 27.138380 View: Google Map |
| gdpr.adjust.com | ok | IP: 185.151.204.50 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map |

| DOMAIN | STATUS | GEOLOCATION |
|---------------------------|--------|--|
| 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 |
| 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 |
| play.google.com | ok | IP: 172.253.124.101 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 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 |
|--------------------|--------|--|
| 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 |
| capacitorjs.com | ok | IP: 172.67.203.214 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 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 |

| DOMAIN | STATUS | GEOLOCATION |
|----------------------------|--------|--|
| 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 |
| rev.cat | ok | IP: 52.72.49.79 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 |

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

| DOMAIN | STATUS | GEOLOCATION |
|--------------------------------|--------|--|
| 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: 195.244.54.7 Country: Turkey Region: Izmir City: Izmir Latitude: 38.412731 Longitude: 27.138380 View: Google Map |
| api-diagnostics.revenuecat.com | ok | IP: 54.158.163.245 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 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 |

| DOMAIN | STATUS | GEOLOCATION |
|-----------------------------|--------|--|
| api-paywalls.revenuecat.com | ok | IP: 54.88.247.37 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map |
| app.tr.adjust.com | ok | IP: 195.244.54.6 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 |
| ssrv.adjust.cn | ok | IP: 47.104.30.117 Country: China Region: Zhejiang City: Hangzhou Latitude: 30.293650 Longitude: 120.161423 View: Google Map |

| DOMAIN | STATUS | GEOLOCATION |
|-------------------------|--------|---|
| 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 |
| errors.rev.cat | 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 |
| docs.revenuecat.com | ok | IP: 18.238.109.64 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 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 |

| DOMAIN | STATUS | GEOLOCATION |
|--------------------|--------|---|
| www.amazon.com | ok | IP: 23.204.249.185 Country: United States of America Region: California City: Los Angeles Latitude: 34.052231 Longitude: -118.243683 View: Google Map |
| api.revenuecat.com | ok | IP: 54.160.110.226 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 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 |



| EMAIL | FILE |
|--------------------|---|
| someone@domain.com | nl/xservices/plugins/SocialSharing.java |



| TRACKER | CATEGORIES | URL |
|---------------------------|------------|---|
| Adjust | Analytics | https://reports.exodus-privacy.eu.org/trackers/52 |
| Google Firebase Analytics | Analytics | https://reports.exodus-privacy.eu.org/trackers/49 |

HARDCODED SECRETS

POSSIBLE SECRETS

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"google_crash_reporting_api_key": "AlzaSyAy0qvMPnctuyJl9IqhTd5T4xHZgAMIn98"

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POSSIBLE SECRETS

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115792089210356248762697446949407573529996955224135760342422259061068512044369

> PLAYSTORE INFORMATION

Title: Alpha Progression Gym Tracker

Score: 4.815562 Installs: 1,000,000+ Price: 0 Android Version Support: Category: Health & Fitness Play Store URL: com.alphaprogression.alphaprogression

Developer Details: Alpha Progression, 5110718455818573498, None, https://alphaprogression.com, info@alphaprogression.com,

Release Date: Dec 16, 2019 Privacy Policy: Privacy link

Description:

Gym Workout Planner & Tracker - Alpha Progression. Maximize your gains and track your gym workout routines & programs with Alpha Progression - the ultimate fitness app. Our app goes beyond creating a personalized workout plan; it empowers you to track your progress and achieve your fitness goals. With an extensive exercises database and expert recommendations, we provide the guidance you need to embark on an effective workout routine & muscle building journey. PERSONALIZED MUSCLE BUILDING & WEIGHT LIFTING WORKOUT PROGRAMS Experience gym workout plans backed by science, tailored to your objectives and needs. With Alpha Progression, you can choose your training frequency and target muscles during your gym workouts. GYM WORKOUT TRACKER - TRACK YOUR WORKOUT ROUTINES Our gym tracker feature includes a rep counter, weight lifting and RIR tracker, allowing you to monitor your progress. Our note-taking and gym log features help enhance your strength training. Plus, our convenient rest timer keeps you in sync with your next set. GYM WORKOUT PLANNER - REACH YOUR WEIGHT LIFTING GOALS We celebrate your achievements by providing a list of personal records and milestones. That way, we ensure you're constantly inspired and rewarded for your hard work. For both men or women, our app creates personalized strength training plans to elevate your gym workout routine & muscle building journey. You can create your own plans for added customization. PROGRESSION RECOMMENDATIONS Get the most out of your gym workout routine with our advanced algorithm. By analyzing your past workout programs & performances, we provide you with recommendations on weight lifting and reps, ensuring you achieve maximum muscle gain through progressive overload. VAST EXERCISE DATABASE - 690 VIDEOS With our extensive library of 690 exercise videos, you'll learn and perform each exercise with precision and safety. With our exercise evaluations you'll gain insights into the muscle building & strength training potential of each exercise. Categorized by targeted muscles and equipment, you'll always find ideal gym workout programs. GET INSIGHTS Optimize your strength training with our graphs and insights. Visualize your workout programs history, and analyze how your muscle building and strength training have evolved over time thanks to the gym tracker. COMPREHENSIVE PERIODIZATION You can structure your weight training & strength workouts in cycles and deloads. Also create a progressive plan where the number of sets and the level of effort (RIR) increase gradually week by week. This approach ensures progressive overload and promotes continuous gains, helping you maximize your results and achieve your fitness objectives. SHARE YOUR PLANS Share your gym workout planner, routines & programs with friends or coaching clients. Easily distribute your plans, allowing recipients to customize them according to their needs. DATA EXPORT Export your training data as a .csv file, compatible with apps like Excel. This feature enables you to analyze your statistics, easily tracking your progress SUBSCRIPTIONS Enjoy the free version of Alpha Progression, or unlock the full potential with our Pro version. Subscribing to Pro grants you access to exclusive features such as the plan generator, progression recommendations, graphical analytics, and more. Do you have questions about the app? Please send us an email at info@alphaprogression.com Terms of service: https://alphaprogression.com/terms Privacy policy: https://alphaprogression.com/privacy



| Timestamp | Event | Error |
|---------------------|--|-------|
| 2025-08-29 19:34:14 | Generating Hashes | ОК |
| 2025-08-29 19:34:14 | Extracting APK | ОК |
| 2025-08-29 19:34:14 | Unzipping | ОК |
| 2025-08-29 19:34:15 | Parsing APK with androguard | ОК |
| 2025-08-29 19:34:15 | Extracting APK features using aapt/aapt2 | ОК |
| 2025-08-29 19:34:15 | Getting Hardcoded Certificates/Keystores | ОК |
| 2025-08-29 19:34:17 | Parsing AndroidManifest.xml | ОК |
| 2025-08-29 19:34:17 | Extracting Manifest Data | OK |
| 2025-08-29 19:34:17 | Manifest Analysis Started | ОК |
| 2025-08-29 19:34:17 | Performing Static Analysis on: Alpha Progression (com.alphaprogression.alphaprogression) | OK |

| 2025-08-29 19:34:18 | Fetching Details from Play Store: com.alphaprogression.alphaprogression | ОК |
|---------------------|---|----|
| 2025-08-29 19:34:18 | Checking for Malware Permissions | ОК |
| 2025-08-29 19:34:19 | Fetching icon path | ОК |
| 2025-08-29 19:34:19 | Library Binary Analysis Started | ОК |
| 2025-08-29 19:34:19 | Reading Code Signing Certificate | ОК |
| 2025-08-29 19:34:20 | Running APKiD 2.1.5 | ОК |
| 2025-08-29 19:34:25 | Detecting Trackers | ОК |
| 2025-08-29 19:34:27 | Decompiling APK to Java with JADX | ОК |
| 2025-08-29 19:34:41 | Converting DEX to Smali | ОК |
| 2025-08-29 19:34:41 | Code Analysis Started on - java_source | ОК |

| 2025-08-29 19:34:42 | Android SBOM Analysis Completed | ОК |
|---------------------|---|----|
| 2025-08-29 19:34:47 | Android SAST Completed | ОК |
| 2025-08-29 19:34:47 | Android API Analysis Started | OK |
| 2025-08-29 19:34:50 | Android API Analysis Completed | OK |
| 2025-08-29 19:34:51 | Android Permission Mapping Started | ОК |
| 2025-08-29 19:34:54 | Android Permission Mapping Completed | ОК |
| 2025-08-29 19:34:54 | Android Behaviour Analysis Started | ОК |
| 2025-08-29 19:34:58 | Android Behaviour Analysis Completed | OK |
| 2025-08-29 19:34:58 | Extracting Emails and URLs from Source Code | OK |
| 2025-08-29 19:34:59 | Email and URL Extraction Completed | ОК |
| 2025-08-29 19:34:59 | Extracting String data from APK | ОК |

| 2025-08-29 19:34:59 | Extracting String data from Code | OK |
|---------------------|--|----|
| 2025-08-29 19:34:59 | Extracting String values and entropies from Code | ОК |
| 2025-08-29 19:35:01 | Performing Malware check on extracted domains | OK |
| 2025-08-29 19:35:05 | Saving to Database | OK |

Report Generated by - MobSF v4.4.0

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

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