# ANDROID STATIC ANALYSIS REPORT

MyFitnessPal (24.49.0)

| File Name: | com.myfitnesspal.android_38281.apk |
|---|---|
| Package Name: | com.myfitnesspal.android |
| Scan Date: | Aug. 31, 2025, 7:59 a.m. |
| App Security Score: | 48/100 (MEDIUM RISK) |
| Grade: | B |
| Trackers Detection: | 16/432 |

# ◕ FINDINGS SEVERITY

| 🐞 HIGH | ⚠ MEDIUM | ℹ INFO | ✔ SECURE | ⚲ HOTSPOT |
|---------|----------|--------|----------|-----------|
| 2 | 22 | 2 | 1 | 2 |

# ▤ FILE INFORMATION

**File Name:** com.myfitnesspal.android_38281.apk
**Size:** 111.43MB
**MD5:** eb0ecedb9533140ec985e06be1253512
**SHA1:** f079f4c8603dd58be947adf919e3dd15f35a80f1
**SHA256:** 98edc5437cac93bc08b07727fd0ca1e01ac5ca7754031647cc9b193b9848dd74

# ℹ APP INFORMATION

**App Name:** MyFitnessPal
**Package Name:** com.myfitnesspal.android
**Main Activity:** com.myfitnesspal.android.splash.SplashActivity
**Target SDK:** 34
**Min SDK:** 28
**Max SDK:**
**Android Version Name:** 24.49.0

**Android Version Code:** 38281

## ▦ APP COMPONENTS

**Activities:** 226
**Services:** 25
**Receivers:** 22
**Providers:** 15
**Exported Activities:** 7
**Exported Services:** 4
**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: C=US, ST=California, L=San Diego, CN=MyFitnessPal LLC
Signature Algorithm: rsassa_pkcs1v15
Valid From: 2010-04-26 18:38:53+00:00
Valid To: 2035-04-20 18:38:53+00:00
Issuer: C=US, ST=California, L=San Diego, CN=MyFitnessPal LLC
Serial Number: 0x4bd5ddbd
Hash Algorithm: sha1
md5: ccd9267c3c4df8ba1c22c7ad76b4469e
sha1: ea6a67cf91bc547ad216206d2bb2d5531f4a3573
sha256: e2f39185315095611b23f9602cef6332a89db8960ee76a45fb41eeef4975d95d
sha512: 0c11eb9dbf369102e2ee790740685f8c5f24c8d02401cf885a8cf0326b1888e10aadd737bc1e29dab79fd85060f872b916fd509f802cdfb9a274889f96cf08d4
PublicKey Algorithm: rsa
Bit Size: 1024
Fingerprint: 71a44919aa6aa2baf46cab75a6da9a2a2b79c442961464a189c9f34181a90e50
Found 1 unique certificates

# ☰ APPLICATION PERMISSIONS

| PERMISSION | STATUS | INFO | DESCRIPTION |
|---|---|---|---|
| com.myfitnesspal.android.permission.C2D_MESSAGE | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.ACCESS_NETWORK_STATE | normal | view network status | Allows an application to view the status of all networks. |
| android.permission.INTERNET | normal | full Internet access | Allows an application to create network sockets. |
| android.permission.VIBRATE | normal | control vibrator | Allows the application to control the vibrator. |
| android.permission.FLASHLIGHT | normal | control flashlight | Allows the application to control the flashlight. |
| android.permission.GET_ACCOUNTS | dangerous | list accounts | Allows access to the list of accounts in the Accounts Service. |
| android.permission.USE_CREDENTIALS | dangerous | use the authentication credentials of an account | Allows an application to request authentication tokens. |
| android.permission.WAKE_LOCK | normal | prevent phone from sleeping | Allows an application to prevent the phone from going to sleep. |
| android.permission.FOREGROUND_SERVICE | normal | enables regular apps to use Service.startForeground. | Allows a regular application to use Service.startForeground. |

| PERMISSION | STATUS | INFO | DESCRIPTION |
|---|---|---|---|
| android.permission.MODIFY_AUDIO_SETTINGS | normal | change your audio settings | Allows application to modify global audio settings, such as volume and routing. |
| android.permission.RECORD_AUDIO | dangerous | record audio | Allows application to access the audio record path. |
| android.permission.READ_CONTACTS | dangerous | read contact data | Allows an application to read all of the contact (address) data stored on your phone. Malicious applications can use this to send your data to other people. |
| 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.ACTIVITY_RECOGNITION | dangerous | allow application to recognize physical activity | Allows an application to recognize physical activity. |
| android.permission.POST_NOTIFICATIONS | dangerous | allows an app to post notifications. | Allows an app to post notifications |
| 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.WRITE_EXTERNAL_STORAGE | dangerous | read/modify/delete external storage contents | Allows an application to write to external storage. |

| PERMISSION | STATUS | INFO | DESCRIPTION |
| --- | --- | --- | --- |
| com.samsung.WATCH_APP_TYPE.Companion | unknown | Unknown permission | Unknown permission from android reference |
| com.google.android.c2dm.permission.RECEIVE | normal | recieve push notifications | Allows an application to receive push notifications from cloud. |
| 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_TOTAL_CALORIES_BURNED | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.READ_STEPS | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.READ_EXERCISE | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.READ_BLOOD_GLUCOSE | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.READ_SLEEP | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.WRITE_TOTAL_CALORIES_BURNED | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.WRITE_EXERCISE | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.health.WRITE_HYDRATION | unknown | Unknown permission | Unknown permission from android reference |

| PERMISSION | STATUS | INFO | DESCRIPTION |
|---|---|---|---|
| android.permission.health.WRITE_NUTRITION | unknown | Unknown permission | Unknown permission from android reference |
| com.android.vending.BILLING | normal | application has in-app purchases | Allows an application to make in-app purchases from Google Play. |
| android.permission.READ_EXTERNAL_STORAGE | dangerous | read external storage contents | Allows an application to read from external storage. |
| 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. |
| com.myfitnesspal.android.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION | unknown | Unknown permission | Unknown permission from android reference |
| android.permission.ACCESS_WIFI_STATE | normal | view Wi-Fi status | Allows an application to view the information about the status of Wi-Fi. |
| 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.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE | normal | permission defined by google | A custom permission defined by Google. |

| PERMISSION | STATUS | INFO | DESCRIPTION |
|---|---|---|---|
| android.permission.ACCESS_ADSERVICES_ATTRIBUTION | normal | allow applications to access advertising service attribution | This enables the app to retrieve information related to advertising attribution, which can be used for targeted advertising purposes. App can gather data about how users interact with ads, such as clicks or impressions, to measure the effectiveness of advertising campaigns. |
| android.permission.ACCESS_ADSERVICES_AD_ID | normal | allow app to access the device's advertising ID. | This ID is a unique, user-resettable identifier provided by Google's advertising services, allowing apps to track user behavior for advertising purposes while maintaining user privacy. |

# 🔏 APKID ANALYSIS

| FILE | DETAILS |
|---|---|
| eb0ecedb9533140ec985e06be1253512.apk | |

| FINDINGS | DETAILS |
|---|---|
| Anti-VM Code | possible VM check |

| FILE | DETAILS | | |
|---|---|---|---|
| classes.dex | **FINDINGS** | **DETAILS** | |
| | yara_issue | yara issue - dex file recognized by apkid but not yara module | |
| | Anti-VM Code | Build.FINGERPRINT check<br>Build.MANUFACTURER check | |
| | Compiler | unknown (please file detection issue!) | |
| classes10.dex | **FINDINGS** | **DETAILS** | |
| | yara_issue | yara issue - dex file recognized by apkid but not yara module | |
| | Compiler | unknown (please file detection issue!) | |
| classes11.dex | **FINDINGS** | **DETAILS** | |
| | yara_issue | yara issue - dex file recognized by apkid but not yara module | |
| | Anti-VM Code | Build.MANUFACTURER check | |
| | Compiler | unknown (please file detection issue!) | |

| FILE | DETAILS | | |
|---|---|---|---|
| classes12.dex | **FINDINGS** | | **DETAILS** |
| | yara_issue | | yara issue - dex file recognized by apkid but not yara module |
| | Anti-VM Code | | Build.MODEL check<br>Build.MANUFACTURER check<br>Build.PRODUCT check<br>Build.BOARD check<br>network operator name check |
| | Compiler | | unknown (please file detection issue!) |
| classes13.dex | **FINDINGS** | | **DETAILS** |
| | yara_issue | | yara issue - dex file recognized by apkid but not yara module |
| | Compiler | | unknown (please file detection issue!) |
| classes14.dex | **FINDINGS** | | **DETAILS** |
| | yara_issue | | yara issue - dex file recognized by apkid but not yara module |
| | Compiler | | unknown (please file detection issue!) |

| FILE | DETAILS |
|------|---------|
| classes15.dex | <table><tr><td>**FINDINGS**</td><td>**DETAILS**</td></tr><tr><td>yara_issue</td><td>yara issue - dex file recognized by apkid but not yara module</td></tr><tr><td>Compiler</td><td>unknown (please file detection issue!)</td></tr></table> |
| classes2.dex | <table><tr><td>**FINDINGS**</td><td>**DETAILS**</td></tr><tr><td>yara_issue</td><td>yara issue - dex file recognized by apkid but not yara module</td></tr><tr><td>Anti-VM Code</td><td>Build.FINGERPRINT check<br>Build.MODEL check<br>Build.MANUFACTURER check<br>Build.PRODUCT check<br>Build.HARDWARE check<br>Build.TAGS check</td></tr><tr><td>Compiler</td><td>unknown (please file detection issue!)</td></tr></table> |

| FILE | DETAILS |
|------|---------|
| classes3.dex | <table><tr><td>**FINDINGS**</td><td>**DETAILS**</td></tr><tr><td>yara_issue</td><td>yara issue - dex file recognized by apkid but not yara module</td></tr><tr><td>Anti-VM Code</td><td>Build.FINGERPRINT check<br>Build.MODEL check<br>Build.MANUFACTURER check<br>Build.PRODUCT check<br>Build.TAGS check<br>SIM operator check</td></tr><tr><td>Compiler</td><td>unknown (please file detection issue!)</td></tr></table> |
| classes4.dex | <table><tr><td>**FINDINGS**</td><td>**DETAILS**</td></tr><tr><td>yara_issue</td><td>yara issue - dex file recognized by apkid but not yara module</td></tr><tr><td>Anti-VM Code</td><td>Build.MANUFACTURER check</td></tr><tr><td>Compiler</td><td>unknown (please file detection issue!)</td></tr></table> |

| FILE | DETAILS |
|------|---------|
| classes5.dex | <table><tr><td>FINDINGS</td><td>DETAILS</td></tr><tr><td>yara_issue</td><td>yara issue - dex file recognized by apkid but not yara module</td></tr><tr><td>Anti-VM Code</td><td>Build.MANUFACTURER check</td></tr><tr><td>Compiler</td><td>unknown (please file detection issue!)</td></tr></table> |
| classes6.dex | <table><tr><td>FINDINGS</td><td>DETAILS</td></tr><tr><td>yara_issue</td><td>yara issue - dex file recognized by apkid but not yara module</td></tr><tr><td>Anti-VM Code</td><td>Build.FINGERPRINT check<br>Build.MODEL check<br>Build.MANUFACTURER check<br>Build.PRODUCT check<br>network operator name check<br>device ID check<br>possible VM check</td></tr><tr><td>Compiler</td><td>unknown (please file detection issue!)</td></tr></table> |

| FILE | DETAILS | |
|---|---|---|
| classes7.dex | **FINDINGS** | **DETAILS** |
| | yara_issue | yara issue - dex file recognized by apkid but not yara module |
| | Compiler | unknown (please file detection issue!) |
| classes8.dex | **FINDINGS** | **DETAILS** |
| | yara_issue | yara issue - dex file recognized by apkid but not yara module |
| | Anti-VM Code | Build.FINGERPRINT check<br>Build.MODEL check<br>Build.MANUFACTURER check<br>Build.PRODUCT check<br>Build.BOARD check<br>SIM operator check<br>network operator name check |
| | Anti Debug Code | Debug.isDebuggerConnected() check |
| | Compiler | unknown (please file detection issue!) |

| FILE | DETAILS |
|------|---------|
| classes9.dex | **FINDINGS** / **DETAILS** table below |

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

## 🗗 BROWSABLE ACTIVITIES

| ACTIVITY | INTENT |
|----------|--------|
| com.myfitnesspal.shared.ui.activity.impl.deeplink.DeepLinkRouterActivity | Schemes: mfp://, https://,<br>Hosts: @string/branch_io_host, @string/branch_io_alternative_host, |

| ACTIVITY | INTENT |
|---|---|
| com.facebook.CustomTabActivity | Schemes: @string/fb_login_protocol_scheme://, fbconnect://, <br> Hosts: cct.com.myfitnesspal.android, |

## 🔒 NETWORK SECURITY

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

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

## 📇 CERTIFICATE ANALYSIS

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

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

## 🔍 MANIFEST ANALYSIS

HIGH: **0** | WARNING: **15** | INFO: **0** | SUPPRESSED: **0**

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

| NO | ISSUE | SEVERITY | DESCRIPTION |
|---|---|---|---|
| 1 | App can be installed on a vulnerable Android version<br>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 | App has a Network Security Configuration<br>[android:networkSecurityConfig=@xml/network_security_config] | info | The Network Security Configuration feature lets apps customize their network security settings in a safe, declarative configuration file without modifying app code. These settings can be configured for specific domains and for a specific app. |
| 3 | Activity (com.myfitnesspal.feature.googlehealth.ui.RationaleActivity) is not Protected.<br>[android:exported=true] | warning | An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. |
| 4 | Activity-Alias (com.myfitnesspal.android.AndroidURationaleActivity) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.START_VIEW_PERMISSION_USAGE<br>[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. |
| 5 | Activity (com.myfitnesspal.feature.registration.ui.activity.OAuthActivity) is not Protected.<br>[android:exported=true] | warning | An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. |
| 6 | Activity (com.myfitnesspal.shared.ui.activity.impl.deeplink.DeepLinkRouterActivity) is not Protected.<br>[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 |
|---|---|---|---|
| 7 | Activity (com.facebook.CustomTabActivity) is not Protected.<br>[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.myfitnesspal.goals.ui.ProgressCelebrationRedesignActivity) is not Protected.<br>[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.horologist.datalayer.phone.PhoneDataLayerListenerService) is not Protected.<br>[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. |
| 10 | Service (androidx.work.impl.background.systemjob.SystemJobService) is Protected by a permission, but the protection level of the permission should be checked.<br>Permission: android.permission.BIND_JOB_SERVICE<br>[android:exported=true] | warning | A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission. |
| 11 | Broadcast Receiver (androidx.work.impl.diagnostics.DiagnosticsReceiver) is Protected by a permission, but the protection level of the permission should be checked.<br>Permission: android.permission.DUMP<br>[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 |
|---|---|---|---|
| 12 | Service (com.google.android.gms.auth.api.signin.RevocationBoundService) is Protected by a permission, but the protection level of the permission should be checked.<br>Permission:<br>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. |
| 13 | Activity (androidx.core.google.shortcuts.TrampolineActivity) is not Protected.<br>[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. |
| 14 | Broadcast Receiver (com.google.firebase.iid.FirebaseInstanceIdReceiver) is Protected by a permission, but the protection level of the permission should be checked.<br>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. |
| 15 | Service (androidx.health.platform.client.impl.sdkservice.HealthDataSdkService) is not Protected.<br>[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 |
|---|---|---|---|
| 16 | 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: 1 | SECURE: 0 | SUPPRESSED: 0

| NO | ISSUE | SEVERITY | STANDARDS | FILES |
|---|---|---|---|---|
| | | | | butterknife/ButterKnife.java com/amazon/aps/shared/util/ApsAsyncUtil.java com/amazon/device/ads/DtbLog.java com/amazon/device/ads/DtbPackageNativeData.java com/amazon/device/ads/DtbThreadService.java com/apollographql/apollo3/exception/ApolloExceptionHandlerKt.java com/brightcove/player/Sdk.java com/brightcove/player/analytics/insights/AdInsight.java com/brightcove/player/captioning/BrightcoveCaptionFormat.java com/brightcove/player/captioning/BrightcoveCaptionStyle.java |

| NO | ISSUE | SEVERITY | STANDARDS | FILES |
|---|---|---|---|---|
| | | | | veCaptionStyle.java com/brightcove/player/drm/BrightcoveMediaDrmCallback.java com/brightcove/player/edge/ErrorListener.java com/brightcove/player/event/AbstractEvent.java com/brightcove/player/event/BackgroundEventListener.java com/brightcove/player/logging/Log.java com/brightcove/player/management/BrightcoveClosedCaptioningManager.java com/brightcove/player/model/Length.java com/brightcove/player/model/MetadataObject.java com/brightcove/player/playback/MediaPlaybackService.java com/brightcove/player/util/CodecUtil.java com/brightcove/player/util/ErrorUtil.java com/brightcove/player/util/EventEmitterUtil.java com/brightcove/player/util/NumberUtil.java com/brightcove/player/video360/GlUtil.java com/brightcove/player/video360/ShaderProgram.java com/brightcove/player/view/TimedTextView.java com/bumptech/glide/disklrucache/DiskLruCache.java com/bumptech/glide/gifdecoder/GifHeaderParser.java com/bumptech/glide/gifdecoder/StandardGifDecoder.java com/bumptech/glide/load/data/AssetPathFetcher.java com/bumptech/glide/load/data/LocalUriFetcher.java com/bumptech/glide/load/engine/GlideException.java com/bumptech/glide/load/engine/cache/M |

| NO | ISSUE | SEVERITY | STANDARDS | FILES |
|---|---|---|---|---|
| | | | | emorySizeCalculator.java com/bumptech/glide/load/engine/executor /GlideExecutor.java |
| 1 | The App logs information. Sensitive information should never be logged. | info | CWE: CWE-532: Insertion of Sensitive Information into Log File OWASP MASVS: MSTG-STORAGE-3 | com/bumptech/glide/load/resource/bitma p/DefaultImageHeaderParser.java com/bumptech/glide/load/resource/bitma p/HardwareConfigState.java com/bumptech/glide/load/resource/bitma p/TransformationUtils.java com/bumptech/glide/manager/RequestTra cker.java com/bumptech/glide/module/ManifestPars er.java com/bumptech/glide/signature/Application VersionSignature.java com/bumptech/glide/util/pool/FactoryPool s.java com/iab/omid/library/adsbynimbus/utils/d. java com/iab/omid/library/amazon/d/c.java com/jakewharton/disklrucache/DiskLruCac he.java com/liulishuo/filedownloader/services/For egroundServiceConfig.java com/liulishuo/filedownloader/util/Downloa dServiceNotConnectedHelper.java com/samsung/android/sdk/internal/health data/HealthResultHolderImpl.java com/samsung/android/sdk/internal/health data/a.java com/shinobicontrols/charts/GLSurfaceView .java com/shinobicontrols/charts/GLTextureView .java com/shinobicontrols/charts/hv.java com/uacf/core/caching/LruCache.java com/uacf/core/caching/disk/DiskLruCache.j ava com/uacf/core/logging/BaseLogConfig.java com/uacf/core/logging/StdOutPrinter.java com/uacf/taskrunner/Runner.java com/unity3d/ads/UnityAdsBaseOptions.jav |

| NO | ISSUE | SEVERITY | STANDARDS | FILES |
|----|-------|----------|-----------|-------|
| | | | | com/unity3d/services/core/cache/CacheDirectory.java com/unity3d/services/core/configuration/Experiments.java com/unity3d/services/core/device/AdvertisingId.java com/unity3d/services/core/device/OpenAdvertisingId.java com/unity3d/services/core/device/reader/DeviceInfoReaderUrlEncoder.java com/unity3d/services/core/log/DeviceLog.java com/unity3d/services/core/misc/JsonFlattener.java com/unity3d/services/core/misc/JsonStorage.java com/unity3d/services/core/misc/Utilities.java com/unity3d/services/core/misc/ViewUtilities.java com/unity3d/services/core/properties/ClientProperties.java com/unity3d/services/core/request/WebRequestRunnable.java com/unity3d/services/store/gpbl/bridges/CommonJsonResponseBridge.java dagger/android/AndroidInjection.java io/branch/referral/BranchJsonConfig.java io/branch/referral/BranchLogger.java io/ktor/client/plugins/logging/SimpleLogger.java io/split/android/client/utils/Zlib.java io/split/android/client/utils/logger/LogPrinterImpl.java org/codehaus/plexus/util/SweeperPool.java org/codehaus/plexus/util/cli/DefaultConsumer.java org/mockito/internal/util/ConsoleMockitoLogger.java |

| NO | ISSUE | SEVERITY | STANDARDS | FILES |
|---|---|---|---|---|
| | | | | org/slf4j/helpers/Util.java zendesk/belvedere/BelvedereFileProvider.java zendesk/belvedere/L.java |
| 2 | [Files may contain hardcoded sensitive information like usernames, passwords, keys etc.](#) | warning | CWE: CWE-312: Cleartext Storage of Sensitive Information<br>OWASP Top 10: M9: Reverse Engineering<br>OWASP MASVS: MSTG-STORAGE-14 | com/amazon/device/ads/DtbConstants.java com/bumptech/glide/load/Option.java com/bumptech/glide/load/engine/DataCacheKey.java com/bumptech/glide/load/engine/EngineResource.java com/myfitnesspal/android/BuildConfig.java com/myfitnesspal/domain/ads/AdKeywords.java com/myfitnesspal/feature/exercise/service/ExerciseRepositoryManagerKt.java com/myfitnesspal/feature/queryenvoy/QueryEnvoyLocalCacheImplKt.java com/myfitnesspal/service/premium/subscription/data/repository/ProductCache.java com/myfitnesspal/shared/api/UriConstants.java com/myfitnesspal/uicommon/compose/ui/Constants.java com/sourcepoint/cmplibrary/model/exposed/TargetingParam.java com/unity3d/services/core/device/reader/DeviceInfoReaderFilterProvider.java com/unity3d/services/core/device/reader/JsonStorageKeyNames.java io/ktor/client/request/forms/FormPart.java io/split/android/client/dtos/KeyImpression.java io/uacf/identity/internal/constants/ErrorCodes.java io/uacf/identity/internal/constants/ErrorMessages.java io/uacf/identity/internal/constants/HttpParams.java |

| NO | ISSUE | SEVERITY | STANDARDS | FILES |
|---|---|---|---|---|
| | | | | io/uacf/identity/internal/constants/HttpUris.java io/uacf/identity/internal/constants/JWTClaimTypes.java registration/model/GoogleData.java zendesk/core/Constants.java zendesk/core/ZendeskMachineIdStorage.java zendesk/support/CreateRequest.java |
| 3 | 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/brightcove/player/offline/ExternalFileCreator.java com/unity3d/services/core/cache/CacheDirectory.java |
| 4 | 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/uacf/core/util/Strings.java |
| 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/liulishuo/filedownloader/database/SqliteDatabaseOpenHelper.java com/uacf/core/database/LoggingSQLiteDatabaseWrapper.java com/uacf/core/database/SQLiteDatabaseWrapper.java io/requery/android/sqlite/BaseConnection.java |
| 6 | 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 | net/bytebuddy/agent/ByteBuddyAgent.java |
| 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 | net/bytebuddy/utility/RandomString.java |

# NIAP ANALYSIS v1.3

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

## BEHAVIOUR ANALYSIS

| RULE ID | BEHAVIOUR | LABEL | FILES |
|---------|-----------|-------|-------|
| 00022 | Open a file from given absolute path of the file | file | com/brightcove/player/store/FileConverter.java<br>com/unity3d/services/core/cache/CacheDirectory.java<br>com/unity3d/services/core/misc/Utilities.java<br>net/bytebuddy/agent/ByteBuddyAgent.java<br>org/codehaus/plexus/util/cli/shell/Shell.java<br>zendesk/belvedere/BitmapUtils.java |
| 00063 | Implicit intent(view a web page, make a phone call, etc.) | control | com/myfitnesspal/legacy/navigation/SharedIntents.java<br>com/samsung/android/sdk/healthdata/HealthConnectionErrorResult.java |
| 00013 | Read file and put it into a stream | file | com/bumptech/glide/disklrucache/DiskLruCache.java<br>com/jakewharton/disklrucache/DiskLruCache.java<br>com/uacf/core/caching/disk/DiskLruCache.java<br>com/unity3d/services/core/cache/CacheDirectory.java<br>junit/runner/BaseTestRunner.java<br>net/bytebuddy/agent/ByteBuddyAgent.java<br>org/codehaus/plexus/util/io/FileInputStreamFacade.java |
| 00051 | Implicit intent(view a web page, make a phone call, etc.) via setData | control | com/myfitnesspal/legacy/navigation/SharedIntents.java |
| 00192 | Get messages in the SMS inbox | sms | com/myfitnesspal/shared/util/ImageContentUriUtils.java |

| RULE ID | BEHAVIOUR | LABEL | FILES |
|---------|-----------|-------|-------|
| 00005 | Get absolute path of file and put it to JSON object | file | com/unity3d/services/core/misc/Utilities.java |

## ⊜ FIREBASE DATABASES ANALYSIS

| TITLE | SEVERITY | DESCRIPTION |
|-------|----------|-------------|
| App talks to a Firebase database | info | The app talks to Firebase database at https://mfpandroid.firebaseio.com |
| Firebase Remote Config disabled | secure | Firebase Remote Config is disabled for https://firebaseremoteconfig.googleapis.com/v1/projects/513007887437/namespaces/firebase:fetch?key=AlzaSyBA3Z6F59PkflEIlpcMsIEJscVqXBYbds8. This is indicated by the response: {'state': 'NO_TEMPLATE'} |

## ⠿ ABUSED PERMISSIONS

| TYPE | MATCHES | PERMISSIONS |
|------|---------|-------------|
| Malware Permissions | 13/25 | android.permission.ACCESS_NETWORK_STATE, android.permission.INTERNET, android.permission.VIBRATE, android.permission.GET_ACCOUNTS, android.permission.WAKE_LOCK, android.permission.RECORD_AUDIO, android.permission.READ_CONTACTS, android.permission.CAMERA, android.permission.RECEIVE_BOOT_COMPLETED, android.permission.WRITE_EXTERNAL_STORAGE, android.permission.READ_EXTERNAL_STORAGE, android.permission.ACCESS_WIFI_STATE, android.permission.READ_PHONE_STATE |

| TYPE | MATCHES | PERMISSIONS |
|------|---------|-------------|
| Other Common Permissions | 7/44 | android.permission.FLASHLIGHT, android.permission.FOREGROUND_SERVICE, android.permission.MODIFY_AUDIO_SETTINGS, android.permission.ACTIVITY_RECOGNITION, com.google.android.c2dm.permission.RECEIVE, 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 |
|--------|----------------|
|        |                |

# 🔍 DOMAIN MALWARE CHECK

| DOMAIN | STATUS | GEOLOCATION |
|--------|--------|-------------|
| myfitnesspal.staging.wpengine.com | ok | **IP:** 130.211.29.77<br>**Country:** United States of America<br>**Region:** Missouri<br>**City:** Kansas City<br>**Latitude:** 39.099731<br>**Longitude:** -94.578568<br>**View:** Google Map |

| DOMAIN | STATUS | GEOLOCATION |
|---|---|---|
| prod-progress-engine.internal.us.mfp.dev | ok | **IP:** 172.25.149.197<br>**Country:** -<br>**Region:** -<br>**City:** -<br>**Latitude:** 0.000000<br>**Longitude:** 0.000000<br>**View:** [Google Map](#) |
| play.google.com | ok | **IP:** 142.250.179.110<br>**Country:** United States of America<br>**Region:** California<br>**City:** Mountain View<br>**Latitude:** 37.405991<br>**Longitude:** -122.078514<br>**View:** [Google Map](#) |
| www.w3.org | ok | **IP:** 104.18.22.19<br>**Country:** United States of America<br>**Region:** California<br>**City:** San Francisco<br>**Latitude:** 37.775700<br>**Longitude:** -122.395203<br>**View:** [Google Map](#) |
| github.com | ok | **IP:** 140.82.112.3<br>**Country:** United States of America<br>**Region:** California<br>**City:** San Francisco<br>**Latitude:** 37.775700<br>**Longitude:** -122.395203<br>**View:** [Google Map](#) |

| DOMAIN | STATUS | GEOLOCATION |
|---|---|---|
| www.bipm.org | ok | **IP:** 62.161.69.23<br>**Country:** France<br>**Region:** Ile-de-France<br>**City:** Sevres<br>**Latitude:** 48.822922<br>**Longitude:** 2.217570<br>**View:** Google Map |
| www.apollographql.com | ok | **IP:** 15.197.167.90<br>**Country:** United States of America<br>**Region:** Washington<br>**City:** Seattle<br>**Latitude:** 47.627499<br>**Longitude:** -122.346199<br>**View:** Google Map |
| support.myfitnesspal.com | ok | **IP:** 216.198.54.6<br>**Country:** United States of America<br>**Region:** California<br>**City:** San Francisco<br>**Latitude:** 37.773968<br>**Longitude:** -122.410446<br>**View:** Google Map |
| streaming.split.io | ok | **IP:** 18.155.173.11<br>**Country:** United States of America<br>**Region:** Washington<br>**City:** Seattle<br>**Latitude:** 47.627499<br>**Longitude:** -122.346199<br>**View:** Google Map |

| DOMAIN | STATUS | GEOLOCATION |
|---|---|---|
| myfitnesspal.com | ok | **IP:** 104.18.34.245<br>**Country:** United States of America<br>**Region:** Texas<br>**City:** Dallas<br>**Latitude:** 32.783058<br>**Longitude:** -96.806671<br>**View:** Google Map |
| query-envoy-api.preprod.us.mfp.dev | ok | **IP:** 172.25.133.235<br>**Country:** -<br>**Region:** -<br>**City:** -<br>**Latitude:** 0.000000<br>**Longitude:** 0.000000<br>**View:** Google Map |
| integ-identity-api.myfitnesspal.com | ok | No Geolocation information available. |
| youtrack.jetbrains.com | ok | **IP:** 63.33.88.220<br>**Country:** Ireland<br>**Region:** Dublin<br>**City:** Dublin<br>**Latitude:** 53.343990<br>**Longitude:** -6.267190<br>**View:** Google Map |
| integ-device-activator-api.myfitnesspal.com | ok | No Geolocation information available. |

| DOMAIN | STATUS | GEOLOCATION |
|---|---|---|
| search.maven.org | ok | **IP:** 3.211.174.179<br>**Country:** United States of America<br>**Region:** Virginia<br>**City:** Ashburn<br>**Latitude:** 39.043720<br>**Longitude:** -77.487488<br>**View:** Google Map |
| myfitnesspal.zendesk.com | ok | **IP:** 216.198.53.6<br>**Country:** United States of America<br>**Region:** California<br>**City:** San Francisco<br>**Latitude:** 37.773968<br>**Longitude:** -122.410446<br>**View:** Google Map |
| telemetry.split.io | ok | **IP:** 54.157.194.5<br>**Country:** United States of America<br>**Region:** Virginia<br>**City:** Ashburn<br>**Latitude:** 39.043720<br>**Longitude:** -77.487488<br>**View:** Google Map |
| wvlic.brightcove.com | ok | No Geolocation information available. |
| blog.myfitnesspal.com | ok | **IP:** 172.64.153.11<br>**Country:** United States of America<br>**Region:** Texas<br>**City:** Dallas<br>**Latitude:** 32.783058<br>**Longitude:** -96.806671<br>**View:** Google Map |

| DOMAIN | STATUS | GEOLOCATION |
|---|---|---|
| sdk.split.io | ok | **IP:** 151.101.195.9<br>**Country:** United States of America<br>**Region:** California<br>**City:** San Francisco<br>**Latitude:** 37.775700<br>**Longitude:** -122.395203<br>**View:** Google Map |
| auth.split.io | ok | **IP:** 3.223.63.250<br>**Country:** United States of America<br>**Region:** Virginia<br>**City:** Ashburn<br>**Latitude:** 39.043720<br>**Longitude:** -77.487488<br>**View:** Google Map |
| events.split.io | ok | **IP:** 44.196.150.158<br>**Country:** United States of America<br>**Region:** Virginia<br>**City:** Ashburn<br>**Latitude:** 39.043720<br>**Longitude:** -77.487488<br>**View:** Google Map |
| oeis.org | ok | **IP:** 104.21.7.183<br>**Country:** United States of America<br>**Region:** California<br>**City:** San Francisco<br>**Latitude:** 37.775700<br>**Longitude:** -122.395203<br>**View:** Google Map |

| DOMAIN | STATUS | GEOLOCATION |
|---|---|---|
| fb.me | ok | **IP:** 31.13.70.36<br>**Country:** United States of America<br>**Region:** California<br>**City:** Los Angeles<br>**Latitude:** 34.052231<br>**Longitude:** -118.243683<br>**View:** Google Map |
| mfpandroid.firebaseio.com | ok | **IP:** 35.201.97.85<br>**Country:** United States of America<br>**Region:** Missouri<br>**City:** Kansas City<br>**Latitude:** 39.099731<br>**Longitude:** -94.578568<br>**View:** Google Map |
| www.myfitnesspal.com | ok | **IP:** 172.64.153.11<br>**Country:** United States of America<br>**Region:** Texas<br>**City:** Dallas<br>**Latitude:** 32.783058<br>**Longitude:** -96.806671<br>**View:** Google Map |
| identity-api.myfitnesspal.com | ok | **IP:** 104.18.34.245<br>**Country:** United States of America<br>**Region:** Texas<br>**City:** Dallas<br>**Latitude:** 32.783058<br>**Longitude:** -96.806671<br>**View:** Google Map |

| DOMAIN | STATUS | GEOLOCATION |
|---|---|---|
| xmlpull.org | ok | **IP:** 185.199.111.153<br>**Country:** United States of America<br>**Region:** Pennsylvania<br>**City:** California<br>**Latitude:** 40.065632<br>**Longitude:** -79.891708<br>**View:** [Google Map](Google Map) |
| device-activator-api.myfitnesspal.com | ok | No Geolocation information available. |

## ✉ EMAILS

| EMAIL | FILE |
|---|---|
| you@email.com | Android String Resource |

## 🕵 TRACKERS

| TRACKER | CATEGORIES | URL |
|---|---|---|
| Amazon Advertisement | | https://reports.exodus-privacy.eu.org/trackers/92 |
| Amplitude | Profiling, Analytics | https://reports.exodus-privacy.eu.org/trackers/125 |
| Branch | Analytics | https://reports.exodus-privacy.eu.org/trackers/167 |

| TRACKER | CATEGORIES | URL |
|---------|-----------|-----|
| Braze (formerly Appboy) | Location, Advertisement, Analytics | https://reports.exodus-privacy.eu.org/trackers/17 |
| Brightcove | | https://reports.exodus-privacy.eu.org/trackers/178 |
| 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 AdMob | Advertisement | https://reports.exodus-privacy.eu.org/trackers/312 |
| Google Analytics | Analytics | https://reports.exodus-privacy.eu.org/trackers/48 |
| Google CrashLytics | Crash reporting | https://reports.exodus-privacy.eu.org/trackers/27 |
| Google Firebase Analytics | Analytics | https://reports.exodus-privacy.eu.org/trackers/49 |
| Google Tag Manager | Analytics | https://reports.exodus-privacy.eu.org/trackers/105 |
| IAB Open Measurement | Advertisement, Identification | https://reports.exodus-privacy.eu.org/trackers/328 |
| Split | Analytics | https://reports.exodus-privacy.eu.org/trackers/349 |
| Unity3d Ads | Advertisement | https://reports.exodus-privacy.eu.org/trackers/121 |

# 🔑 HARDCODED SECRETS

## POSSIBLE SECRETS

"appboy_api_key" : "34a2ae5f-d073-429d-bfd4-70aa580ee91f"

"billing_information_payment_platform_gympass" : "Gympass"

"branch_io_key" : "key_live_kjeUvfVtyKVDa8NstTC9VfndDqmaPWeo"

"branch_io_test_key" : "key_test_bipHtbOtqUKua6TztHEXhmacBAmnNT46"

"com.google.firebase.crashlytics.mapping_file_id" : "0c58ae75fa634a31a248ac3787ea4755"

"com_appboy_firebase_sender_id" : "513007887437"

"com_braze_image_is_read_tag_key" : "com_appboy_image_is_read_tag_key"

"com_braze_image_lru_cache_image_url_key" : "com_braze_image_lru_cache_image_url_key"

"com_braze_image_resize_tag_key" : "com_appboy_image_resize_tag_key"

"configuration_key_label" : "Key:"

"diary_sharing_private" : "Private"

"fb_provider_authority" : "com.facebook.app.FacebookContentProvider186796388009496"

"firebase_database_url" : "https://mfpandroid.firebaseio.com"

"fitness_session_utc_date_format" : "yyyy-MM-dd'T'HH:mm:ss.000'Z'"

"google_api_key" : "AIzaSyBA3Z6F59PkflEIlpcMsIEJscVqXBYbds8"

"google_crash_reporting_api_key" : "AIzaSyBA3Z6F59PkflEIlpcMsIEJscVqXBYbds8"

## POSSIBLE SECRETS

"google_maps_key" : "YOUR_KEY_HERE"

"key_device_country" : "app.device.country"

"key_uacf_configuration_dev_tool" : "app.uacf.configurationDevTool"

"key_uacf_notification_inbox_dev_tool" : "app.uacf.notificationInboxDevTool"

"nimbus_api_key" : "c03990ab-af89-44df-997d-39b6104db9e0"

"nimbus_pub_key" : "ua-myfitnesspal"

"oAuth2footer2" : "myfitnesspal.com"

"user_name" : "Username"

"weekly_graph_average_token" : "Avg"

"zendeskOauthClientId" : "mobile_sdk_client_88de997e40fadc532f7e"

11839296a789a3bc0045c8a5fb42c7d1bd998f54449579b446817afbd17273e662c97ee72995ef42640c550b9013fad0761353c7086a272c24088be94769fd16650

68647976601306097149819007990813932172694353001433054093944634591855431833976560521225596406614545549772963113914808580371219879997166438125740028291115057151

4fe342e2fe1a7f9b8ee7eb4a7c0f9e162bce33576b315ececbb6406837bf51f5

7foy3f23OzMnH1DlGxoFMMRvVtJ47hxRvzR3zdWsSkuJ

39402006196394479212279040100143613805079739270465446667946905279627659399113263569398956308152294913554433653942643

## POSSIBLE SECRETS

5f6c532e236647c3af5902b7752747f846d040df

f9a2e95f6b0886b29531588716517567

5ac635d8aa3a93e7b3ebbd55769886bc651d06b0cc53b0f63bce3c3e27d2604b

c6858e06b70404e9cd9e3ecb662395b4429c648139053fb521f828af606b4d3dbaa14b5e77efe75928fe1dc127a2ffa8de3348b3c1856a429bf97e7e31c2e5bd66

3617de4a96262c6f5d9e98bf9292dc29f8f41dbd289a147ce9da3113b5f0b8c00a60b1ce1d7e819d7a431d7c90ea0e5f

97752fbfc82c2c380326a32781212c52

AIzaSyDRKQ9d6kfsoZT2lUnZcZnBYvH69HExNPE

B3EEABB8EE11C2BE770B684D95219ECB

b3312fa7e23ee7e4988e056be3f82d19181d9c6efe8141120314088f5013875ac656398d8a2ed19d2a85c8edd3ec2aef

YTptZnAtbW9iaWxlLWFuZHJvaWQtZ29vZ2xlOjo6ZXZlbnRzJTIwcmVmVmnaW9uczoxNDQ2MTU5NzEyNDgxOjE2MDM4Mzk3MTI0ODFENR9Nolto26byqnSfsSnDQxSsMa6fJdNk5KynATWsnVG1te58Uth7FYFQpVWwlwcsCsd21JPAeNoEc27gwzXRzuIm59JsBCkik4v7AC78OcfhMW6AttqeR+FZ0I2FQD48pEhaI1+SlFv5/t1mliTMjjvU4emacQmJ2EDuD9yVVA==

39402006196394479212279040100143613805079739270465446667948293404245721771496870329047266088258938001861606973112319

aa87ca22be8b05378eb1c71ef320ad746e1d3b628ba79b9859f741e082542a385502f25dbf55296c3a545e3872760ab7

051953eb9618e1c9a1f929a21a0b68540eea2da725b99b315f3b8b489918ef109e156193951ec7e937b1652c0bd3bb1bf073573df883d2c34f1ef451fd46b503f00

115792089210356248762697446949407573530086143415290314195533631308867097853951

1415926535897932384626433832795028841971693993751058209749459

| POSSIBLE SECRETS |
| --- |
| 6864797660130609714981900799081393217269435300143305409394463459185543183397655394245057746333217197532963996371363321113864768612440380 34037280889270700544 9 |
| 6b17d1f2e12c4247f8bce6e563a440f277037d812deb33a0f4a13945d898c296 |
| 0000016742C00BDA259000000168CE0F13200000016588840DCE7118A0002FBF1C31C3275D78 |
| 1157920892103562487626974469494075735299969552241357603424222590610685 12044369 |

#  PLAYSTORE INFORMATION

**Title:** MyFitnessPal: Calorie Counter

**Score:** 4.385227 **Installs:** 100,000,000+ **Price:** 0 **Android Version Support: Category:** Health & Fitness **Play Store URL:** com.myfitnesspal.android

**Developer Details:** MyFitnessPal, Inc., MyFitnessPal,+Inc., None, http://www.myfitnesspal.com, androidfeedback@myfitnesspal.com,

**Release Date:** Apr 26, 2010 **Privacy Policy:** Privacy link

**Description:**

Track progress toward your health, nutrition, fitness, and weight loss goals with MyFitnessPal. This all-in-one food tracker, calorie counter, macro tracker, and fitness tracker is like having a nutrition coach, meal planner, fitness tracker & food diary with you every day. MyFitnessPal is a health and nutrition app that helps you learn about your food habits, monitor your diet and conquer your health goals. Download our health and nutrition app and start your free 30-day Premium trial to gain access to exclusive food & intermittent fasting tracker and fitness logging tools, expert guidance, and the calorie counter. You'll soon discover why MyFitnessPal is the #1 nutrition, weight loss and food tracker in the U.S and has been featured in the New York Times, Wall Street Journal, the Today Show, and U.S. News & World Report. MORE THAN A CALORIE COUNTER & DIET JOURNAL MyFitnessPal, the leading health and nutrition app, is like having a fitness tracker, macros counter, diet planner, and nutrition coach at your fingertips. ■ Log Food – Easy-to-use planner tools that makes food tracking quick and simple ■ Track Activity – Add workouts and steps with the fitness tracker and planner ■ Customize Your Health & Fitness Goals – Weight loss, weight gain, weight maintenance, nutrition & fitness ■ See Your Fitness Progress – Track at a glance, or analyze your diet & macros in detail ■ Learn From a Registered Dietitian – Meal Plans customized for your target calories and macros, whether you're into weight loss or weight gain —with access to our Meal Planner, macro tracker, and Calorie Counter tools ■ Stay Inspired – 500+ healthy recipes for a healthy diet and 50 workouts keep fitness routines fresh and fun ■ Connect with the MyFitnessPal Community – Find friends and motivation in our active MyFitnessPal forums A CLOSER LOOK AT FEATURES & BENEFITS Gain Valuable Health Insights Through Food Logging It's not just a calorie counter for weight loss, diet trends, or a fast route to fat loss—it's a health & nutrition app and planner that helps you hold yourself accountable. ■ One of the Largest Food Databases – Calorie Counter for over 14 million foods (including restaurant dishes) ■ Fast & Easy Food Tracker & Planner Tools – Type to search, add foods from your history, or scan a barcode or entire meal with your phone's camera ■ Calorie Counter – Follow your food

intake with the calorie counter and see your daily progress ■ Macro Tracker – See carbs, fat & protein breakdown by gram or percentage—no need for a separate carb tracker! ■ Nutrition Tracker and Insights – Analyze nutrition intake and set specific goals for macros, cholesterol, sodium, fiber & more ■ Water Tracker – Make sure you're staying hydrated Customize Your App Experience Choose your settings and achieve your goals with MyFitnessPal ■ Custom Goals – Follow your energy intake by meal or day with the calorie counter, set goals with the macro tracker & more ■ Personalized Dashboards – Pick health, fitness, and diet stats you want to see at a glance ■ Net Carbs Mode/Carb Tracker – To simplify a low-carb or keto diet, view net (not total) carbs ■ Protein and Calorie Counter – Set your protein goals and track how much you eat during the day ■ Add Your Own Meals/Food Tracker – Save recipes and meals for quick logging and keep tabs on your diet ■ Count Calories From Exercise – Decide how your activities, workouts, fitness and diet affect daily calorie goals ■ Connect 50+ Apps & Devices – From smartwatch, fitness trackers and other health and fitness apps ■ Track With Wear OS – A calorie counter, water tracker, and macro tracker on your watch. Add complications to the home screen for faster logging, and the tile for tracking different nutrients at-a-glance. View our terms & conditions and privacy policy: https://www.myfitnesspal.com/privacy-and-terms

## :≡ SCAN LOGS

| Timestamp | Event | Error |
|---|---|---|
| 2025-08-31 07:59:46 | Generating Hashes | OK |
| 2025-08-31 07:59:46 | Extracting APK | OK |
| 2025-08-31 07:59:46 | Unzipping | OK |
| 2025-08-31 07:59:47 | Parsing APK with androguard | OK |
| 2025-08-31 07:59:47 | Extracting APK features using aapt/aapt2 | OK |
| 2025-08-31 07:59:48 | Getting Hardcoded Certificates/Keystores | OK |

| 2025-08-31 07:59:51 | Parsing AndroidManifest.xml | OK |
|---|---|---|
| 2025-08-31 07:59:51 | Extracting Manifest Data | OK |
| 2025-08-31 07:59:51 | Manifest Analysis Started | OK |
| 2025-08-31 07:59:51 | Reading Network Security config from network_security_config.xml | OK |
| 2025-08-31 07:59:51 | Parsing Network Security config | OK |
| 2025-08-31 07:59:51 | Performing Static Analysis on: MyFitnessPal (com.myfitnesspal.android) | OK |
| 2025-08-31 07:59:52 | Fetching Details from Play Store: com.myfitnesspal.android | OK |
| 2025-08-31 07:59:52 | Checking for Malware Permissions | OK |
| 2025-08-31 07:59:52 | Fetching icon path | OK |
| 2025-08-31 07:59:53 | Library Binary Analysis Started | OK |

| 2025-08-31 07:59:53 | Reading Code Signing Certificate | OK |
|---|---|---|
| 2025-08-31 07:59:53 | Running APKiD 2.1.5 | OK |
| 2025-08-31 07:59:58 | Detecting Trackers | OK |
| 2025-08-31 08:00:13 | Decompiling APK to Java with JADX | OK |
| 2025-08-31 08:20:54 | Decompiling with JADX timed out | TimeoutExpired(['/home/mobsf/.MobSF/tools/jadx/jadx-1.5.0/bin/jadx', '-ds', '/home/mobsf/.MobSF/uploads/eb0ecedb9533140ec985e06be1253512/java_source', '-q', '-r', '--show-bad-code', '/home/mobsf/.MobSF/uploads/eb0ecedb9533140ec985e06be1253512/eb0ecedb9533140ec985e06be1253512.apk'], 999.9999815449119) |
| 2025-08-31 08:20:54 | Converting DEX to Smali | OK |
| 2025-08-31 08:20:54 | Code Analysis Started on - java_source | OK |
| 2025-08-31 08:21:15 | Android SBOM Analysis Completed | OK |
| 2025-08-31 08:22:16 | Android SAST Completed | OK |
| 2025-08-31 08:22:16 | Android API Analysis Started | OK |

| 2025-08-31 08:24:06 | Android API Analysis Completed | OK |
|---|---|---|
| 2025-08-31 08:24:06 | Android Permission Mapping Started | OK |
| 2025-08-31 08:25:11 | Android Permission Mapping Completed | OK |
| 2025-08-31 08:25:15 | Android Behaviour Analysis Started | OK |
| 2025-08-31 08:26:24 | Android Behaviour Analysis Completed | OK |
| 2025-08-31 08:26:24 | Extracting Emails and URLs from Source Code | OK |
| 2025-08-31 09:36:01 | Email and URL Extraction Completed | OK |
| 2025-08-31 09:36:01 | Extracting String data from APK | OK |
| 2025-08-31 09:36:01 | Extracting String data from Code | OK |
| 2025-08-31 09:36:01 | Extracting String values and entropies from Code | OK |
| 2025-08-31 09:36:09 | Performing Malware check on extracted domains | OK |

| 2025-08-31 09:36:11 | 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.