

ANDROID STATIC ANALYSIS REPORT

app_icon

♣ Life Time (6.5.4)

com.lifetimefitness.interests.fitness_1772.apk
com.lifetimefitness.interests.fitness
Aug. 31, 2025, 12:28 a.m.
57/100 (MEDIUM RISK)
2/432

FINDINGS SEVERITY

兼 HIGH	▲ MEDIUM	i INFO	✓ SECURE	Q HOTSPOT
1	17	3	3	1

FILE INFORMATION

File Name: com.lifetimefitness.interests.fitness_1772.apk

Size: 22.24MB

MD5: 9d347ead7644aef247546a694d3c1ce3

SHA1: 4016f29b5996706f07f5e86005f7358ba6a1f5df

SHA256: 93bcf7e1f014b4fc13dbb472ee8708a1f9b79ba97e07b30be075f6b8fb89d04e

i APP INFORMATION

App Name: Life Time

Main Activity: com.lifetimefitness.interests.fitness.OneActivity

Target SDK: 34 Min SDK: 26 Max SDK:

Android Version Name: 6.5.4 **Android Version Code:** 1772

APP COMPONENTS

Activities: 8 Services: 13 Receivers: 15 Providers: 2

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



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

X.509 Subject: C=01, ST=MN, L=Chanhassen, O=LTT, OU=Life Time Fitness, CN=LT Cert

Signature Algorithm: rsassa_pkcs1v15 Valid From: 2017-02-21 14:47:48+00:00 Valid To: 2059-02-21 14:47:48+00:00

Issuer: C=01, ST=MN, L=Chanhassen, O=LTT, OU=Life Time Fitness, CN=LT Cert

Serial Number: 0x58ac52bd Hash Algorithm: sha256

md5: 750dee3c198bd25bd52308dbe9317cad sha1: 397c2332ecf3208438c7f414ad87dcc3e707423d

sha256: dcbaf09b9a8e2dd89cf27ef7fb040cb39f33c7efe9192132ff4dbeba14823455

PublicKey Algorithm: rsa

Bit Size: 2048

Fingerprint: 62c2840863b5902c54651e2717dacaa05a9aed1fe8c5ddbd2fab82fb88172882

Found 1 unique certificates



PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.INTERNET	normal	full Internet access	Allows an application to create network sockets.
android.permission.ACCESS_NETWORK_STATE	normal	view network status	Allows an application to view the status of all networks.
android.permission.ACCESS_FINE_LOCATION	dangerous	fine (GPS) location	Access fine location sources, such as the Global Positioning System on the phone, where available. Malicious applications can use this to determine where you are and may consume additional battery power.
android.permission.ACCESS_COARSE_LOCATION	dangerous	coarse (network-based) location	Access coarse location sources, such as the mobile network database, to determine an approximate phone location, where available. Malicious applications can use this to determine approximately where you are.
android.permission.POST_NOTIFICATIONS	dangerous	allows an app to post notifications.	Allows an app to post notifications
android.permission.health.READ_WEIGHT	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.READ_BODY_FAT	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.WRITE_WEIGHT	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.WRITE_BODY_FAT	unknown	Unknown permission	Unknown permission from android reference

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
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.FOREGROUND_SERVICE	normal	enables regular apps to use Service.startForeground.	Allows a regular application to use Service.startForeground.
android.permission.VIBRATE	normal	control vibrator	Allows the application to control the vibrator.
com.google.android.c2dm.permission.RECEIVE	normal	recieve push notifications	Allows an application to receive push notifications from cloud.
com.lifetimefitness.interests.fitness.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION	unknown	Unknown permission	Unknown permission from android reference

ক্লি APKID ANALYSIS

FILE	DETAILS	
9d347ead7644aef247546a694d3c1ce3.apk	FINDINGS	DETAILS
347eau7644ae1247546a694u3CTCe3.apk	Anti-VM Code	possible VM check

FILE	DETAILS	
	FINDINGS	DETAILS
classes.dex	Anti-VM Code Anti Debug Code Compiler	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.TAGS check SIM operator check network operator name check possible VM check Debug.isDebuggerConnected() check
	FINDINGS	DETAILS
classes2.dex	Anti-VM Code	Build.MANUFACTURER check
	Compiler	r8 without marker (suspicious)

■ BROWSABLE ACTIVITIES

ACTIVITY	INTENT
	Schemes: lifetime-member://, lifetimeone-member://, https://, http://, Hosts: *, my.lifetime.life, qa-my.lifetime.life, www.lifetime.life, www.qa-lifetime.life, shop.lifetime.life, string, webpage, lifecafeorder, lifespahome, lifespaupcoming, lifespabooking, pickleball, trainingprograms, beachclub, shopweb, appstore,

	dynamicpersonaltraining, dynamicstretchrecovery, dynamicstretch, explore, classvideos, authoredcontent, test, arora,
ACTIVITY	াপ্রকাদ্ধ্যব্দe, account, communicationpreferences, reactivatejr, clubvisits, guestpasses, healthprivacy, appfeedback,
	Paths: /live.html, /app/virtual-training.html, /account.html, /account/guest-invite-details.html, /account/communication-
	preferences.html, /account/guest-pass-details.html, /account/members-on-account.html, /account/my-reservations.html,
	/account/event-details.html, /clubs.go, /clubs.go/fitness-classes.html, /clubs.go/fitness-classes/strength.html,
	/clubs.go/fitness-classes/cardio.html, /clubs.go/fitness-classes/yoga.html, /clubs.go/fitness-classes/barre.html,
	/clubs.go/fitness-classes/boxing-kickboxing.html, /clubs.go/fitness-classes/dance.html, /clubs.go/fitness-classes/indoor-
	cycle.html, /clubs.go/fitness-classes/signature-group-training.html, /clubs.go/arora/classes.html, /clubs.go/classes.html,
	/clubs.go/events.html, /clubs.go/features/beach-club.html, /clubs.go/resource-booking.html, /clubs.go/arora.html,
	/clubs.go/programs/kids.html, /clubs.go/programs/pilates.html, /clubs.go/programs/swim.html,
	/clubs.go/programs/tennis.html, /clubs.go/programs/tennis/junior-tennis.html, /clubs.go/services/lifespa.html,
	/clubs.go/services/weightloss.html, /clubs.go/services/miora.html, /lp/app-download.html, /lp/lifecafe-ordering.html,
	/lp/pickleball-classic.html, /lp/club-feedback.html, /deeplink_login, /deeplink_login_external, /deeplink_legal_consent,
	/deeplink_become_a_member, /deeplink_home, /, /deeplink_training_calendar, /applink_weightloss,
	/qa_applink_weightloss, /applink_virtual_training_app, /qa_applink_virtual_training_app, /applink_virtual_training,
	/qa_applink_virtual_training, /applink_virtual_training_about, /qa_applink_virtual_training_about, /applink_life_cafe,
	/qa_applink_beach_club, /applink_beach_club, /qa_applink_home_clubs_go, /applink_home_clubs_go, /qa_applink_life_spa,
	/applink_life_spa, /qa_applink_in_app_experience, /applink_in_app_experience, /applink_shop, /applink_shop_any_path,
	/applink_on_demand, /qa_applink_on_demand, /qa_applink_arora, /applink_arora, /deeplink_message_center,
	/applink_miora, /qa_applink_miora, /deeplink_ai_chat, /applink_fall_classic, /qa_applink_fall_classic,
com.lifetimefitness.interests.fitness.OneActivity	/deeplink_access_upgrade, /deeplink_club_details, /deeplink_club_details2, /deeplink_club_selection,
	/deeplink_club_selectionV2, /deeplink_hours, /deeplink_club_selection_filtered, /deeplink_class_schedules,
	/deeplink_class_schedules2, /applink_class_schedules, /qa_applink_class_schedules, /applink_classes, /qa_applink_classes,
	/deeplink_event_schedules, /deeplink_event_schedules2, /applink_events, /qa_applink_events, /deeplink_details_v2,
	/deeplink_schedule_detail_v2, /deeplink_profile, /deeplink_profile2, /qa_applink_profile, /applink_profile,
	/qa_applink_communication_preferences, /applink_communication_preferences, /qa_applink_re_activate_jr,
	/applink_re_activate_jr, /deeplink_guest_pass_native, /qa_applink_guest_pass, /applink_guest_pass,
	/deeplink_connected_apps, /deeplink_reservations, /applink_reservations, /qa_applink_reservations,
	/deeplink_make_reservations, /applink_club_feedback, /qa_applink_club_feedback, /deeplink_membership_card,
	/deeplink_membership_card2, /membership_card_applink, /qa_membership_card_applink, /deeplink_event_pass,
	/event_pass_applink, /qa_event_pass_applink, /deeplink_event_pass_details, /deeplink_video_player,
	/deeplink_on_demand_video_category, /applink_on_demand_video_category, /qa_applink_on_demand_video_category,
	/deeplink_on_demand_video_detail, /deeplink_meditation, /deeplink_meditation_category, /deeplink_meditation_detail,
	/deeplink_explore, /deeplink_podcasts, /deeplink_podcast_details, /deeplink_lifespa, /deeplink_lifespa_service_item,
	/deeplink_lifespa_appointment_details, /deeplink_virtual_training, /deeplink_coaching_programs,
	/deeplink_virtual_training_program_details, /deeplink_coaching_program_details, /deeplink_coach_ai,
	/deeplink_mycoaching, /deeplink_coaching_habit_details, /deeplink_coaching_lesson_details,
	/deeplink_coaching_workout_details, /deeplink_workout_details_preview, /deeplink_coaching_activity_library,
	/deeplink_coaching_conversation, /deeplink_court_schedules, /deeplink_reserve_court, /deeplink_sports_details,
	/deeplink_book_dpt_times, /deeplink_book_dsr_times, /deeplink_dpt_reservation_details,
	/deeplink_personal_training_view_all_trainers, /deeplink_view_all_trainers, /deeplink_trainer_bio,
	/deeplink_trainer_bio_back_on_error, /deeplink_authored_content, /deeplink_login_interests, /deeplink_storefront,
	Path Prefixes: /on-demand, /app/virtual-training/about-virtual-training.html, /app/virtual-training.app.html, /bio/dynamic-
ı	

	personal-training, /bio/dynamic-personal-training/,
ACTIVITY	INTENT
ACTIVITY	IIVILIVI

△ NETWORK SECURITY

NO	SCOPE	SEVERITY	DESCRIPTION	
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CERTIFICATE ANALYSIS

HIGH: 0 | WARNING: 0 | INFO: 1

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

Q MANIFEST ANALYSIS

HIGH: 0 | WARNING: 8 | 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	Broadcast Receiver (one.libraries.core.service.UpgradeReceiver) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
3	Service (androidx.work.impl.background.systemjob.SystemJobService) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.BIND_JOB_SERVICE [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
4	Broadcast Receiver (androidx.work.impl.diagnostics.DiagnosticsReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.DUMP [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
5	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.
6	Broadcast Receiver (com.google.firebase.iid.FirebaseInstanceIdReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.c2dm.permission.SEND [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
7	Activity (androidx.compose.ui.tooling.PreviewActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
8	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: 1 | WARNING: 7 | INFO: 2 | SECURE: 2 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	STANDARDS	FILES
1	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	A7/N.java Af/g.java Af/j.java B7/n.java J0/Z.java K8/a.java Tb/b.java cb/t.java com/medallia/digital/mobilesdk/k.java com/medallia/digital/mobilesdk/o6.java f8/C2740U.java one/libraries/ui/video/InLineVideoPlayerVi ew.java wd/AbstractC4953a.java wd/C4954b.java xd/C5119a.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
2	Files may contain hardcoded sensitive information like usernames, passwords, keys etc.	warning	CWE: CWE-312: Cleartext Storage of Sensitive Information OWASP Top 10: M9: Reverse Engineering OWASP MASVS: MSTG-STORAGE-14	F3/d.java S3/b.java Vf/C1628a.java Vf/h1.java W0/l.java X/Y.java Yf/l.java Z4/g.java b5/d.java b5/p.java b5/p.java b5/y.java b8/C2160a.java com/launchdarkly/sdk/LDContext.java dc/C2588a.java dc/z.java fg/W0.java one/libraries/core/net/MobileGatewayInterceptor.java one/libraries/core/net/RequestInterceptor.j ava one/libraries/core/net/createAccount/Creat eAccountExistingMemberRequest.java one/libraries/core/net/ondemand/OnDem andVideoResponse.java one/libraries/core/net/user/LoginRequest.j ava one/libraries/core/net/user/LoginResponse .java one/libraries/core/net/user/LoginUIDResp onse.java one/libraries/core/net/user/MembershipTy peAttribute.java one/libraries/core/repo/config/Config.java one/libraries/core/repo/profile/ProfileRepo Impl.java one/libraries/core/service/AppPreferenceS erviceImpl.java

		p000if/C3252L.java
NO ISSUE	SEVERITY STANDARDS	FILES A1/b.java
		A1/r.java
		A6/f0.java
		A7/C0052f0.java
		A7/C0071p.java
		A7/RunnableC0066m0.java
		A8/AbstractC0089a.java
		A8/C0097i.java
		A8/y.java
		B1/f.java
		B2/d.java
		B3/g.java
		B7/c.java
		B8/m.java
		C1/c.java
		C2/a.java
		C8/g.java
		C8/j.java
		Ca/B.java
		Ca/D.java
		Ca/b.java
		Ca/m.java
		Ca/r.java
		Ca/t.java
		Ca/x.java
		Ca/y.java
		D4/g.java
		Da/d.java
		Da/m.java
		E/m.java
		E3/f.java
		Eh/C.java
		F/e0.java
		F3/i.java
		F3/l.java
		F3/n.java
		F7/HandlerC0404c.java
		F8/D.java
		F8/q.java
		G1/k.java
		G3/f.java

NO	ISSUE	SEVERITY	STANDARDS	G3/l.java GH/E.S ava
'				G8/C0509b.java
ļ		'		G8/C0511d.java
ļ		'		G8/C0516i.java
,		'		H8/i.java
ı		'		H8/x.java
,		'		Hb/Q.java
,		'		18/k.java
,		'		la/c.java
,		'		J0/Z0.java
,		'		Ja/c.java
,		'		K/Q0.java
ı		'		K8/b.java
,		'		K8/l.java
ı		'		K8/o.java
ı		'		Kb/b.java
,		'		L1/AbstractC0959a0.java
ı		'		L1/C0.java
ı		'		
,		'		L1/C0960b.java L1/C0987s.java
ı		'		
ı		'		L1/N.java
,		'		L1/x0.java
,		'		L1/y0.java
ı		'		L8/a.java
,		'		L9/d.java
,		'		M/C.java
ı		'		M8/b.java
,		'		M8/e.java
ı		'		M8/f.java
,		'		M8/l.java
,		'		M8/n.java
ı		'		M8/o.java
,		'		N2/C1084z.java
,		'		N5/a.java
ı		'		N8/d.java
,		'		N8/g.java
ı		'		N8/h.java
,		'		N8/j.java
ı		'		N8/l.java
ı		'		O9/a.java
ı		'		P8/e.java
ı		'		P8/f.java
,		·		1 0/1.java

NO	ISSUE	SEVERITY	STANDARDS	Q9/g.java F1L/EjS va R8/A.java
Jan San San San San San San San San San S	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	R8/C1334f.java R8/D.java R8/F.java R8/P.java R8/p.java R8/y.java R8/y.java U8/a.java V4/b.java V8/e.java W9/f.java Wa/b.java X2/C1763f.java X2/C1769l.java X2/C1770m.java X2/D.java X2/C.java X4/c.java X4/c.java X9/j.java X4/c.java Y4/c.java Y4/c.java Y4/c.java Y4/d.java Y2/C1853d.java Z2/C1853d.java Z2/C1888h.java a5/C1898b.java b2/C2141b.java b2/C2142c.java b2/g.java b5/i.java b5/i.java c7/RunnableC2298a.java

NO	ISSUE	SEVERITY	STANDARDS	cb/A.java Fil/AES tractC2320e.java
				cb/t.java cb/u.java cb/v.java
				cb/y.java cb/z.java
				com/bumptech/glide/b.java com/bumptech/glide/load/data/b.java com/bumptech/glide/load/data/l.java
				com/bumptech/glide/m.java com/datadog/android/rum/DdRumContent Provider.java
				com/iterable/iterableapi/B.java com/iterable/iterableapi/F.java
				com/iterable/iterableapi/V.java com/iterable/iterableapi/h0.java com/launchdarkly/sdk/android/x.java
				com/medallia/digital/mobilesdk/b4.java com/medallia/digital/mobilesdk/k4.java com/medallia/digital/mobilesdk/l4.java
				d2/d.java da/r.java
				dc/x.java
				e1/y.java f5/C2714b.java
				f5/C2716d.java f5/z.java
				gb/K.java
				gb/S.java gb/W.java
				gb/x.java
				h3/AbstractC2972B.java h3/AbstractC2976F.java
				h3/C2999s.java
				h3/L.java h3/P.java
				h3/W.java
				h5/C3010b.java i/AbstractActivityC3169m.java
				i/AbstractActivityC3169m.java i/AbstractC3173q.java
				i/C3174s.java
				i/K.java

NO	ISSUE	SEVERITY	STANDARDS	i/LayoutInflaterFactory2C3156D.java FJ/CE£ 91b.java
				i5/C3192c.java
				i5/D.java
				i5/i.java
				i5/p.java
				i5/r.java
				i5/v.java
				i5/y.java
				i6/C3194a.java
				ib/c.java
				ib/d.java
				ib/g.java
				k0/e.java
				I1/C3670c.java
				la/b.java
				la/c.java
				m/C3736h.java
				m/C3737i.java
				n/ViewOnKeyListenerC3814f.java
				n/l.java
				n1/e.java
				o/AbstractC3932d0.java
				o/C3917S.java
				o/C3940h0.java
				o/C3971x.java
				o/DialogInterfaceOnClickListenerC3911
				va
				o/H0.java
				o/M0.java
				o/U0.java
				o3/C3992a.java
				o5/C3994a.java
				o5/r.java
				q1/f.java
				q9/C4260a.java
				r5/C4361f.java
				s1/e.java
				s1/j.java
				s1/o.java
				s1/p.java
				s5/C4450e.java
				t1/d.java

NO	ISSUE	SEVERITY	STANDARDS	t1/h.java Fllvfj5v a t9/C4624b.iava
				ta/C4629d.java ta/C4631f.java u1/AbstractC4690c.java u1/C4689b.java u1/h.java u1/i.java u1/k.java u1/o.java u1/w.java u1/w.java uc/C4716e.java ue/C4721d.java v7/C4804c.java vf/C4843n.java w4/e.java wf/C4961d.java y1/AbstractC5234f.java ya/C5258a.java
4	This App uses SSL certificate pinning to detect or prevent MITM attacks in secure communication channel.	secure	OWASP MASVS: MSTG-NETWORK-4	za/b.java vf/C4834e.java vf/C4837h.java vf/C4843n.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/iterable/iterableapi/C2517m.java com/iterable/iterableapi/c0.java com/medallia/digital/mobilesdk/i1.java gb/C2907o.java n3/C3826b.java s4/AbstractC4445f.java v7/C4804c.java v7/h.java
6	Insecure WebView Implementation. Execution of user controlled code in WebView is a critical Security Hole.	warning	CWE: CWE-749: Exposed Dangerous Method or Function OWASP Top 10: M1: Improper Platform Usage OWASP MASVS: MSTG-PLATFORM-7	com/medallia/digital/mobilesdk/MedalliaW ebView.java da/r.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
7	Ensure that user controlled URLs never reaches the Webview. Enabling file access from URLs in WebView can leak sensitive information from the file system.	warning	CWE: CWE-200: Information Exposure OWASP Top 10: M1: Improper Platform Usage OWASP MASVS: MSTG-PLATFORM-7	com/medallia/digital/mobilesdk/MedalliaW ebView.java com/medallia/digital/mobilesdk/b7.java
8	This App may have root detection capabilities.	secure	OWASP MASVS: MSTG-RESILIENCE-1	Ca/h.java W9/h.java
9	App can write to App Directory. Sensitive Information should be encrypted.	info	CWE: CWE-276: Incorrect Default Permissions OWASP MASVS: MSTG-STORAGE-14	A8/C0095g.java
10	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/medallia/digital/mobilesdk/q1.java
11	SHA-1 is a weak hash known to have hash collisions.	warning	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	Ca/h.java Xa/b.java
12	The App uses the encryption mode CBC with PKCS5/PKCS7 padding. This configuration is vulnerable to padding oracle attacks.	high	CWE: CWE-649: Reliance on Obfuscation or Encryption of Security-Relevant Inputs without Integrity Checking OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-3	k8/C3463a.java

■ NIAP ANALYSIS v1.3

NO IE	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION
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BEHAVIOUR ANALYSIS

RULE ID	BEHAVIOUR	LABEL	FILES
00036	Get resource file from res/raw directory	reflection	B8/i.java N8/e.java R3/a.java Z2/C1851b.java com/iterable/iterableapi/V.java f5/C2714b.java uc/C4716e.java z8/O.java
00063	Implicit intent(view a web page, make a phone call, etc.)	control	N8/e.java X2/A.java Yf/C1834j.java Z2/C1851b.java Z2/C1853d.java com/iterable/iterableapi/V.java com/medallia/digital/mobilesdk/h7.java com/medallia/digital/mobilesdk/q4.java one/libraries/core/CommonAppNotificationKt.java uc/C4716e.java
00014	Read file into a stream and put it into a JSON object	file	Hb/Q.java com/iterable/iterableapi/V.java com/medallia/digital/mobilesdk/j0.java i6/C3194a.java s4/AbstractC4445f.java
00022	Open a file from given absolute path of the file	file	Od/m.java V1/F.java com/launchdarkly/sdk/android/v.java com/medallia/digital/mobilesdk/h7.java com/medallia/digital/mobilesdk/p2.java i6/C3194a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00013	Read file and put it into a stream	file	B1/f.java C1/c.java Ca/h.java Ca/h.java Ca/t.java Cf/AbstractC0238b.java Hb/Q.java V1/A.java V1/F.java X1/e.java X4/c.java X4/c.java y1/i.java a5/C1898b.java b2/g.java com/iterable/iterableapi/V.java com/medallia/digital/mobilesdk/j0.java com/medallia/digital/mobilesdk/k2.java dc/x.java f3/AbstractC2696c.java f3/C2698e.java i5/p.java i6/C3194a.java s4/AbstractC4445f.java z8/C5402i.java
00005	Get absolute path of file and put it to JSON object	file	i6/C3194a.java
00004	Get filename and put it to JSON object	file collection	i6/C3194a.java
00023	Start another application from current application	reflection control	com/iterable/iterableapi/V.java
00091	Retrieve data from broadcast	collection	D4/g.java com/iterable/iterableapi/V.java z3/C5375c.java

RULE ID	BEHAVIOUR	LABEL	FILES
00051	Implicit intent(view a web page, make a phone call, etc.) via setData	control	N8/e.java Z2/C1851b.java Z2/C1853d.java com/iterable/iterableapi/V.java com/medallia/digital/mobilesdk/h7.java com/medallia/digital/mobilesdk/q4.java one/libraries/core/CommonAppNotificationKt.java
00009	Put data in cursor to JSON object	file	com/iterable/iterableapi/c0.java com/medallia/digital/mobilesdk/o2.java
00096	Connect to a URL and set request method	command network	F8/D.java com/iterable/iterableapi/Z.java com/medallia/digital/mobilesdk/j0.java
00123	Save the response to JSON after connecting to the remote server	network command	com/medallia/digital/mobilesdk/j0.java
00089	Connect to a URL and receive input stream from the server	command network	F8/D.java com/bumptech/glide/load/data/l.java com/iterable/iterableapi/Z.java com/medallia/digital/mobilesdk/j0.java
00163	Create new Socket and connecting to it	socket	E/w.java com/medallia/digital/mobilesdk/j0.java vf/C4843n.java
00030	Connect to the remote server through the given URL	network	com/bumptech/glide/load/data/l.java com/medallia/digital/mobilesdk/j0.java
00109	Connect to a URL and get the response code	network command	F8/D.java com/bumptech/glide/load/data/l.java com/iterable/iterableapi/Z.java com/medallia/digital/mobilesdk/j0.java

RULE ID	BEHAVIOUR	LABEL	FILES
00153	Send binary data over HTTP	http	F8/D.java com/medallia/digital/mobilesdk/j0.java
00094	Connect to a URL and read data from it	command network	com/medallia/digital/mobilesdk/j0.java
00108	Read the input stream from given URL	network command	com/medallia/digital/mobilesdk/j0.java
00121	Create a directory	file command	F7/HandlerC0404c.java
00125	Check if the given file path exist	file	F7/HandlerC0404c.java
00012	Read data and put it into a buffer stream	file	b2/g.java com/medallia/digital/mobilesdk/k2.java
00132	Query The ISO country code	telephony collection	U7/b.java
00114	Create a secure socket connection to the proxy address	network command	qf/C4308j.java
00162	Create InetSocketAddress object and connecting to it	socket	vf/C4843n.java
00026	Method reflection	reflection	Od/A.java Vd/j.java
00028	Read file from assets directory	file	z8/C5396c.java



TITLE	SEVERITY	DESCRIPTION
App talks to a Firebase database	info	The app talks to Firebase database at https://fir-member-app.firebaseio.com
Firebase Remote Config disabled	secure	Firebase Remote Config is disabled for https://firebaseremoteconfig.googleapis.com/v1/projects/649937486118/namespaces/firebase:fetch?key=AlzaSyBw71rj0GGHt-3daT5CUQI-uDA8Hmh8vjw. This is indicated by the response: {'state': 'NO_TEMPLATE'}

***: ::** ABUSED PERMISSIONS

TYPE	MATCHES	PERMISSIONS
Malware Permissions	7/25	android.permission.INTERNET, android.permission.ACCESS_NETWORK_STATE, android.permission.ACCESS_FINE_LOCATION, android.permission.ACCESS_COARSE_LOCATION, android.permission.WAKE_LOCK, android.permission.RECEIVE_BOOT_COMPLETED, android.permission.VIBRATE
Other Common Permissions	2/44	android.permission.FOREGROUND_SERVICE, com.google.android.c2dm.permission.RECEIVE

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.

Q DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
fir-member-app.firebaseio.com	ok	IP: 35.190.39.113 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
issuetracker.google.com	ok	IP: 142.251.40.46 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
my.lifetime.life	ok	IP: 151.101.128.172 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map

DOMAIN	STATUS	GEOLOCATION
play.google.com	ok	IP: 142.250.188.238 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
device.griffon.adobe.com	ok	IP: 13.224.53.4 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
www.w3.org	ok	IP: 104.18.23.19 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
github.com	ok	IP: 140.82.114.4 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map

DOMAIN	STATUS	GEOLOCATION
developer.android.com	ok	IP: 142.250.217.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
www.slf4j.org	ok	IP: 31.97.181.89 Country: United Kingdom of Great Britain and Northern Ireland Region: England City: Bowness-on-Windermere Latitude: 54.363312 Longitude: -2.918590 View: Google Map
clientsdk.launchdarkly.com	ok	IP: 151.101.193.55 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
api.lifetimefitness.com	ok	IP: 151.101.192.172 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map

DOMAIN	STATUS	GEOLOCATION
api.lifetime.life	ok	IP: 151.101.0.172 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
youtrack.jetbrains.com	ok	IP: 63.33.88.220 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
aka.ms	ok	IP: 72.246.157.244 Country: United States of America Region: California City: Los Angeles Latitude: 34.052231 Longitude: -118.243683 View: Google Map
mobile.launchdarkly.com	ok	IP: 54.147.178.212 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map

DOMAIN	STATUS	GEOLOCATION
payment.lifetime.life	ok	IP: 151.101.64.172 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
lifetime.life	ok	IP: 151.101.192.172 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
www.lifetime.life	ok	IP: 151.101.128.172 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
developer.apple.com	ok	IP: 17.253.83.135 Country: Singapore Region: Singapore City: Singapore Latitude: 1.289670 Longitude: 103.850067 View: Google Map
www.qa-lifetime.life	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
clientstream.launchdarkly.com	ok	IP: 3.33.235.18 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
ns.adobe.com	ok	No Geolocation information available.
schemas.microsoft.com	ok	IP: 13.107.246.71 Country: Netherlands Region: Noord-Holland City: Amsterdam Latitude: 52.374031 Longitude: 4.889690 View: Google Map
api.iterable.com	ok	IP: 34.199.29.139 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
survey.medallia.com	ok	IP: 199.102.178.92 Country: United States of America Region: California City: San Mateo Latitude: 37.547424 Longitude: -122.330589 View: Google Map
schemas.android.com	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
media.lifetime.life	ok	IP: 23.62.226.169 Country: Japan Region: Tokyo City: Tokyo Latitude: 35.689507 Longitude: 139.691696 View: Google Map
aomedia.org	ok	IP: 185.199.110.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map
goo.gle	ok	IP: 67.199.248.13 Country: United States of America Region: New York City: New York City Latitude: 40.739288 Longitude: -73.984955 View: Google Map

EMAILS

EMAIL	FILE
u0013android@android.com0 u0013android@android.com	N8/k.java

EMAIL	FILE
name@domain.com lttalks@lt.life	Android String Resource

A TRACKERS

TRACKER	CATEGORIES	URL
Adobe Experience Cloud		https://reports.exodus-privacy.eu.org/trackers/229
Google CrashLytics	Crash reporting	https://reports.exodus-privacy.eu.org/trackers/27

HARDCODED SECRETS

POSSIBLE SECRETS "anon_user": "Anonymous"

"applink_guest_pass" : "my.lifetime.life/account/guest-pass-details.html"

"brightcove_policy_key" : "BCpkADawqM0WYMH7NCl59-4vmY8CwyvHeaHyk76Ubw4QBthn7gHoHHnzAFBGefbB75MGXNTMK19b7YkQ6HAqqBeAJSPxLPZW5VgtWgi5DijDhdtgZU07oEwNQKob96jzf1ldT2GCZvxsKl5O"

"com.google.firebase.crashlytics.mapping_file_id": "59f9670ac30b40f3a95098632e5c4a9f"

 $"deep link_authored_content": "lifetime-member://authoredcontent?viewtype=\{viewtype\}\&clubid=\{clubid\}"$

 $"deep link_authored_videos": "lifetime-member://authoredcontent?viewtype=ondemand"$

POSSIBLE SECRETS
"deeplink_authored_workout_programs" : "lifetime-member://authoredcontent?viewtype=workouts_programs_collection"
"deeplink_event_pass" : "lifetime-member://event-pass?entryld={entryld}"
"firebase_database_url" : "https://fir-member-app.firebaseio.com"
"google_api_key" : "AlzaSyBw71rj0GGHt-3daT5CUQI-uDA8Hmh8vjw"
"google_crash_reporting_api_key" : "AlzaSyBw71rj0GGHt-3daT5CUQI-uDA8Hmh8vjw"
"menu_pass" : "Pass"
"password" : "Password"
"qa_applink_guest_pass" : "qa-my.lifetime.life/account/guest-pass-details.html"
1189416bb42e499a9c1d9e98d6abfbce
J1sMR71IiWFljGKXO48OeriYunHDOPDE
61bb5c2b-271d-45e5-8ae1-51419d7dea40
16a09e667f3bcc908b2fb1366ea957d3e3adec17512775099da2f590b0667322a
258EAFA5-E914-47DA-95CA-C5AB0DC85B11
470fa2b4ae81cd56ecbcda9735803434cec591fa
4UPLKMRmegCkOYGHjKjyaYzc3l9gWMqx1GXdbdPYjMVtzDm
91bb3ff3-a538-4c28-aa08-3da99ccb15bd

POSSIBLE SECRETS gyYrJhtwJu45LxWwPabjU5iptDYSRU1uEf1i b-2a5f97c3-3c52-4c13-b2da-91322f7d0c9f 4bvoGAoy9rID0vPSK5sul6VHk1BeMq2hiavoa b-3c9baee2-bbb2-43a5-84bd-27a4fe5c854c gO1rdO9kQRNOfRunQgSDATl4CoRopKx75 41677b77-dd09-411e-a9e3-83d07fa606ec 1cc812dc7a624b0e9adedaa16f57f28c eyJzdWliOiJhcGlUb2tlblYyliwiYXV0aFVybCl6lmh0dHBzOi8vZGlnaXRhbC1jbG91ZC5hcGlzLm1lZGFsbGlhLmNvbS9tb2JpbGVTREsvdjEvYWNjZXNzVG9rZW4iLCJjcmVhdGVUaW1lJjoxN Tc1OTU0MTEzNDM5LCJhcGlUb2tlblYyVmVyc2lvbil6MiwicHJvcGVydHlJZCl6NDkxNjF9 KiZL4m2vgojJxkBv6MG75mytsa97uzt 97046b78ba5f42638df713728aead0c4 cabc6d5134994d5c882cde800b5f6250

> PLAYSTORE INFORMATION

Title: Life Time Digital

Score: 4.7303467 Installs: 500,000+ Price: 0 Android Version Support: Category: Health & Fitness Play Store URL: com.lifetimefitness.interests.fitness

Developer Details: Life Time, Inc., Life+Time,+Inc., None, https://www.lifetime.life, mobileapps@lifetimefitness.com,

Release Date: Mar 2, 2017 Privacy Policy: Privacy link

Description:

UNLIMITED ACCESS TO FITNESS, HEALTH & WELLNESS — ANYTIME, ANYWHERE — NO CLUB MEMBERSHIP REQUIRED Download the Life Time Digital app and unlock the ultimate destination for your healthiest, happiest life. At home, at the gym, or on the go, enjoy world-class fitness classes, expert nutrition plans, guided meditations, podcasts, and lifestyle programs — all in one seamless experience. L*AI*C – THE FUTURE OF HEALTHY LIVING Meet L*AI*C ("lay-see"), your personal wellness companion — powered by AI, backed by Life Time expertise, and designed to help you live smarter and healthier. More than an assistant, L•Al•C is your coach, guide, concierge, and motivator — tailored to you. • Personalized Plans, Real Results. Dynamic workouts built for your goals, schedule, and lifestyle. Whether training for a race, building strength, or improving sleep, she keeps you moving forward. • Expert Answers, Instantly. Tap into Life Time's expertise. Ask anything — "How do I recover faster?" "What's a high-protein breakfast?" — and get actionable advice in seconds. • A Concierge That Gets You. Find classes, reserve courts, schedule appointments, and discover experiences — personalized to your habits, schedule, and club events. FOR EVERYONE PREMIUM FITNESS & WELLNESS, ANYWHERE • Stream unlimited on-demand and live fitness classes led by top instructors — including strength, cardio, yoga, barre, HIIT, cycling, and more. • Explore workout programs tailored to goals like weight loss, strength training, active aging, and healthy habit formation. • Enjoy workouts and fitness plans that adapt to your level and schedule. PERSONALIZED NUTRITION & HEALTH COACHING • Follow nutrition plans and healthy meal guides crafted by certified experts. • Get hyper-personalized workouts curated by L•AI•C—Life Time's intelligent wellness companion—based on your goals, preferences, and lifestyle. • Build sustainable routines that support your body, mind, and lifestyle. MIND & BODY WELLNESS TOOLS • Access guided meditations, breathwork, recovery sessions, and sleep support. • Listen to full episodes of the Life Time Talks podcast for inspiration on health, wellness, mindset, and motivation. • Read exclusive articles from Experience Life Magazine on longevity, stress, mental health, and holistic living. ATHLETIC EVENTS & RACE TOOLS • Find and Register for Events – Discover Life Time's premier athletic events nationwide—marathons, cycling races, triathlons, and more—all in one place. • Race Training & Recovery Plans – Get expert-designed training programs to boost endurance, improve performance, and speed up recovery for your next race. • Digital Race Pass & Easy Check-In – Skip the lines with your digital race pass and check in seamlessly at Life Time events. • Track & Share Race Results – Instantly find, claim, and share your official race results directly in the app. LIFESHOP – WELLNESS & FITNESS ESSENTIALS • Trusted Supplements – Fuel your goals with premium formulas like D.Tox, magnesium, electrolytes, protein, greens, and more. • Activewear & Recovery Gear – Find top-rated apparel and gear for training, performance, and recovery. • Earn Rewards – Get 5% back on every in-app purchase as a Life Time app user. FOR CLUB MEMBERS ENHANCED FEATURES FOR OUR CLUB MEMBERS • Check in to the club and sign up for events. • Reserve classes, camps, and more. • Order from the café, bistro, or book LifeSpa services. • Manage your membership anytime. Download now and start your journey to a stronger, healthier you. Some features may require a Life Time membership. Consult a physician before starting any fitness program.

∷ SCAN LOGS

Timestamp	Event	Error
2025-08-31 00:28:28	Generating Hashes	OK
2025-08-31 00:28:28	Extracting APK	ОК
2025-08-31 00:28:28	Unzipping	OK

2025-08-31 00:28:28	Parsing APK with androguard	ОК
2025-08-31 00:29:03	Extracting APK features using aapt/aapt2	ОК
2025-08-31 00:29:24	Getting Hardcoded Certificates/Keystores	ОК
2025-08-31 00:29:26	Parsing AndroidManifest.xml	ОК
2025-08-31 00:29:26	Extracting Manifest Data	ОК
2025-08-31 00:29:26	Manifest Analysis Started	ОК
2025-08-31 00:29:27	Performing Static Analysis on: Life Time (com.lifetimefitness.interests.fitness)	OK
2025-08-31 00:29:28	Fetching Details from Play Store: com.lifetimefitness.interests.fitness	ОК
2025-08-31 00:29:30	Checking for Malware Permissions	ОК
2025-08-31 00:29:30	Fetching icon path	OK
2025-08-31 00:29:30	Library Binary Analysis Started	OK

2025-08-31 00:29:30	Reading Code Signing Certificate	ОК
2025-08-31 00:29:31	Running APKiD 2.1.5	ОК
2025-08-31 00:29:37	Detecting Trackers	ОК
2025-08-31 00:29:39	Decompiling APK to Java with JADX	ОК
2025-08-31 00:59:16	Decompiling with JADX timed out	TimeoutExpired(['/home/mobsf/.MobSF/tools/jadx/jadx-1.5.0/bin/jadx', '-ds', '/home/mobsf/.MobSF/uploads/9d347ead7644aef247546a694d3c1ce3/java_source', '-q', '-r', 'show-bad-code', '/home/mobsf/.MobSF/uploads/9d347ead7644aef247546a694d3c1ce3/9d347ead7644aef247546a694d3c1ce3.apk'], 999.9999870210886)
2025-08-31 00:59:16	Converting DEX to Smali	ОК
2025-08-31 00:59:16	Code Analysis Started on - java_source	ОК
2025-08-31 00:59:21	Android SBOM Analysis Completed	OK
2025-08-31 00:59:34	Android SAST Completed	OK
2025-08-31 00:59:34	Android API Analysis Started	OK

2025-08-31 00:59:47	Android API Analysis Completed	ОК
2025-08-31 00:59:47	Android Permission Mapping Started	OK
2025-08-31 00:59:46	Android Permission Mapping Completed	ОК
2025-08-31 00:59:47	Android Behaviour Analysis Started	OK
2025-08-31 01:00:02	Android Behaviour Analysis Completed	ОК
2025-08-31 01:00:02	Extracting Emails and URLs from Source Code	OK
2025-08-31 01:00:07	Email and URL Extraction Completed	OK
2025-08-31 01:00:07	Extracting String data from APK	OK
2025-08-31 01:00:07	Extracting String data from Code	ОК
2025-08-31 01:00:07	Extracting String values and entropies from Code	OK
2025-08-31 01:00:10	Performing Malware check on extracted domains	ОК

2025-08-31 01:00:17	Saving to Database	OK
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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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