



## ANDROID STATIC ANALYSIS REPORT



❖ BIXI (2025.33.3.1757612536)

File Name:

base.apk

Package Name:

com.eightd.biximobile

Scan Date:

Nov. 12, 2025, 6:55 p.m.

App Security Score:

**53/100 (MEDIUM RISK)**

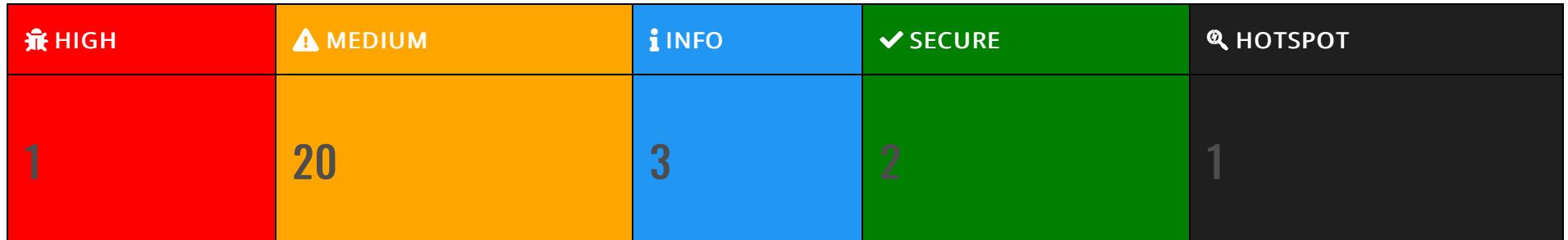
Grade:



Trackers Detection:

3/432

# FINDINGS SEVERITY



## FILE INFORMATION

**File Name:** base.apk

**Size:** 67.17MB

**MD5:** 6b6381f004b5ba12c9dbb9f05e388d07

**SHA1:** 12f4851aabbe4d916acf607367f742717cf10f22

**SHA256:** 0be5f99e3a3eee389a6d10f75b529bfd0e1f8ce3441386f1a40eceaa9151bf11

## APP INFORMATION

**App Name:** BIXI

**Package Name:** com.eightd.biximobile

**Main Activity:** me.lyft.android.ui.main.SplashActivity

**Target SDK:** 35

**Min SDK:** 24

**Max SDK:**

**Android Version Name:** 2025.33.3.1757612536

**Android Version Code:** 1757612536

## APP COMPONENTS

**Activities:** 40

**Services:** 13

**Receivers:** 6

**Providers:** 5  
**Exported Activities:** 4  
**Exported Services:** 2  
**Exported Receivers:** 3  
**Exported Providers:** 0

## CERTIFICATE INFORMATION

Binary is signed  
v1 signature: False  
v2 signature: True  
v3 signature: True  
v4 signature: False  
X.509 Subject: C=CA, ST=Quebec, L=Montreal, O=BIXI, OU=IT, CN=Developer  
Signature Algorithm: rsassa\_pkcs1v15  
Valid From: 2016-03-31 22:47:44+00:00  
Valid To: 2043-08-17 22:47:44+00:00  
Issuer: C=CA, ST=Quebec, L=Montreal, O=BIXI, OU=IT, CN=Developer  
Serial Number: 0x49cdafa6d  
Hash Algorithm: sha256  
md5: 58430cf0a5b49e41b5408a514722bf6  
sha1: 1503fa0546b4348811b4997dfb663edcf6da16cd  
sha256: 1cee24985944ca74871ebdc3d4c4c6256caf3564558f35e10fb0e4f48a43b99a  
sha512: 263b11d0be409636afc63a4790bf6116358d0b51cd71d6e4ea92d3376a158f59e26ef084a5321bd48da9868dcd4d60fc4b364cf90a4fd6c87b74dbe65f5e3b9a  
PublicKey Algorithm: rsa  
Bit Size: 2048  
Fingerprint: 937ee6d8c9eab07f366eb98d09734a921d5fb9e33e756d9596f53e4aee3ca7b1  
Found 1 unique certificates

## APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.health.WRITE_DISTANCE	unknown	Unknown permission	Unknown permission from android reference
android.permission.health.WRITE_TOTAL_CALORIES_BURNED	unknown	Unknown permission	Unknown permission from android reference

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.health.WRITE_EXERCISE	unknown	Unknown permission	Unknown permission from android reference
android.permission.VIBRATE	normal	control vibrator	Allows the application to control the vibrator.
android.permission.INTERNET	normal	full Internet access	Allows an application to create network sockets.
com.google.android.providers.gsf.permission.READ_GSERVICES	unknown	Unknown permission	Unknown permission from android reference
android.permission.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
com.google.android.c2dm.permission.RECEIVE	normal	receive push notifications	Allows an application to receive push notifications from cloud.
android.permission.ACCESS_NETWORK_STATE	normal	view network status	Allows an application to view the status of all networks.
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.POST_NOTIFICATIONS	dangerous	allows an app to post notifications.	Allows an app to post notifications
com.eightd.biximobile.permission.C2D_MESSAGE	unknown	Unknown permission	Unknown permission from android reference
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.

PERMISSION	STATUS	INFO	DESCRIPTION
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.WRITE_EXTERNAL_STORAGE	dangerous	read/modify/delete external storage contents	Allows an application to write to external storage.
com.eightd.biximobile.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION	unknown	Unknown permission	Unknown permission from android reference
com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE	normal	permission defined by google	A custom permission defined by Google.
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.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

FILE	DETAILS	
	FINDINGS	DETAILS
lib/armeabi-v7a/libTMXProfiling-7.5-59-jni.so	Obfuscator	Arxan
lib/arm64-v8a/libTMXProfiling-7.5-59-jni.so	Obfuscator	Arxan
classes.dex	Anti-VM Code  Compiler	Build.FINGERPRINT check Build.MANUFACTURER check Build.BOARD check Build.TAGS check  r8

FILE	DETAILS	
	FINDINGS	DETAILS
classes2.dex	Anti-VM Code	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.BOARD check possible Build.SERIAL check Build.TAGS check network operator name check ro.kernel.qemu check possible VM check
	Anti Debug Code	Debug.isDebuggerConnected() check
	Compiler	r8
classes3.dex	Anti-VM Code	Build.MANUFACTURER check possible ro.secure check
	Compiler	r8

## BROWSABLE ACTIVITIES

ACTIVITY	INTENT
me.lyft.android.ui.main.SplashActivity	Schemes: bikesharemontreal://, @string/branch_uri://, https://, http://, Hosts: open, @string/branch_link_domain,

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

## 🔒 NETWORK SECURITY

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

NO	SCOPE	SEVERITY	DESCRIPTION
1	usebutton.com	secure	Certificate pinning does not have an expiry. Ensure that pins are updated before certificate expire. [Pin: ++MBgDH5WGvL9Bcn5Be30cRcl0f5O+NyoXuWtQdX1al= Digest: SHA-256,Pin: f0KW/FtqTjs108NpYj42SrGvOB2PpxIVM8nWxjPqJGE= Digest: SHA-256,Pin: 47DEQpj8HBSa+/TImW+5JCeuQeRkm5NMpJWZG3hSuFU= Digest: SHA-256]

## CRT CERTIFICATE ANALYSIS

HIGH: 0 | WARNING: 0 | INFO: 1

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

## MANIFEST ANALYSIS

HIGH: 1 | WARNING: 9 | INFO: 0 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	DESCRIPTION
1	App can be installed on a vulnerable unpatched Android version Android 7.0, [minSdk=24]	high	This application can be installed on an older version of android that has multiple unfixed vulnerabilities. These devices won't receive reasonable security updates from Google. Support an Android version => 10, API 29 to receive reasonable security updates.
2	App has a Network Security Configuration [android:networkSecurityConfig=@xml/network_security_config]	info	The Network Security Configuration feature lets apps customize their network security settings in a safe, declarative configuration file without modifying app code. These settings can be configured for specific domains and for a specific app.
3	Activity (me.lyft.android.ui.map.settings.SelectTermsAndConditionsActivity) 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.
4	Broadcast Receiver (me.lyft.android.api.firebaseio.service.PushNotificationReceiver) 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.
5	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.
6	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.
7	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.

NO	ISSUE	SEVERITY	DESCRIPTION
8	Service (com.google.android.gms.auth.api.signin.RevocationBoundService) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.gms.auth.api.signin.permission.REVOCATION_NOTIFICATION [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
9	Activity (com.google.firebaseio.auth.internal.GenericIdpActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
10	Activity (com.google.firebaseio.auth.internal.RecaptchaActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
11	Broadcast Receiver (com.google.firebaseio.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.

## </> CODE ANALYSIS

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

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/bumptech/glide/load/engine/g.java com/lyft/android/cardscanner/plugins/unidirectional/CardScannerPlugin.java com/lyft/android/cardscanner/plugins/unidirectional/overlay/CardScannerOverlayPlugin.java com/lyft/android/cardscanner/services/training/a.java com/lyft/android/experiments/b.java com/lyft/android/payment/ui/plugins/cardscan/CardScannerFullScreenPlugin.java

NO	ISSUE	SEVERITY	STANDARDS	PFILES
				com/lyft/android/polaris/emailverification/plugins/mfa/ com/lyft/android/polaris/emailverification/plugins/mfa/ com/lyft/android/polaris/forgot/password/plugins/succe ss/a.java com/lyft/android/polaris/login/plugins/screen/LoginScre enPlugin.java com/lyft/android/polaris/login/plugins/screen/f.java com/lyft/android/polaris/login/plugins/screen/l.java com/mapbox/common/PlatformHttpService.java com/mapbox/common/geofencing/GeofencingPropertie sKeys.java com/mapbox/common/location/LocationUpdatesReceive r.java com/mapbox/maps/ThreadChecker.java io/bitdrift/capture/providers/Field.java j6/c.java j6/l.java jl/b.java kl/c.java me/lyft/android/DeepLinkController.java me/lyft/android/api/model/ValidatePasswordStrengthRe quest.java me/lyft/android/api/model/VerifyCredentialsRequest.jav a me/lyft/android/api/motivateLayer/ApiService.java me/lyft/android/config/PolarisConfig.java me/lyft/android/constants/EndpointsConsts.java me/lyft/android/constants/RemoteConfigConstants.java me/lyft/android/constants/ViolationConsts.java me/lyft/android/helpers/BffScreenFactory.java me/lyft/android/models/GroupRideProduct.java me/lyft/android/networking/PolarisHeadersInterceptor.j ava me/lyft/android/prefs/SignUpPreferences.java me/lyft/android/ui/login/LoginActivity.java me/lyft/android/ui/registration/PurchaseProductBundle.j ava me/lyft/android/ui/registration/payment/PaymentActivit y.java me/lyft/android/ui/registration/signup/SignUpActivity.j ava me/lyft/android/ui/reward/RewardsActivity.java pb/api/endpoints/oauth2/access_token/CreateAccessTok enErrorDTO.java pb/api/endpoints/oauth2/access_token/CreateAccessTok enRequestDTO.java nb/api/endpoints/oauth2/access_token/RevokeAccessTo

NO	ISSUE	SEVERITY	STANDARDS	<b>FILES</b> tokenRequestDTO.java pb/api/endpoints/oauth2/access_token/RevokeAccessTokenResponseDTO.java pb/api/endpoints/signed_url/SignURLRequestDTO.java pb/api/endpoints/signed_url/SignURLResponseDTO.java pb/api/endpoints/v1/banners/PostInAppBannerEventRequestDTO.java pb/api/endpoints/v1/banners/PostInAppBannerEventResponseDTO.java pb/api/endpoints/v1/banners/ReadInAppBannersRequestDTO.java pb/api/endpoints/v1/banners/ReadInAppBannersResponseDTO.java pb/api/endpoints/v1/client_urls/ShouldAllowOpenRequestDTO.java pb/api/endpoints/v1/client_urls/ShouldAllowOpenResponseDTO.java pb/api/endpoints/v1/inappmessaging/RenderInAppMessagesRequestDTO.java pb/api/endpoints/v1/inappmessaging/RenderInAppMessagesResponseDTO.java pb/api/endpoints/v1/lbs_bff/BffPolarisFinalizeHPPPaymentFailedDTO.java pb/api/endpoints/v1/lbs_bff/BffPolarisHPPErrorDTO.java pb/api/endpoints/v1/lbs_bff/BffPolarisHPPPaymentFailedDTO.java pb/api/endpoints/v1/lbs_bff/BffPolarisHPPPurchasePaymentFailedDTO.java pb/api/endpoints/v1/lbs_bff/BffPolarisLogin2FAErrorDTO.java pb/api/endpoints/v1/lbs_bff/GetAsyncFullscreenRequestDTO.java pb/api/endpoints/v1/lbs_bff/GetAsyncFullscreenResponseDTO.java pb/api/endpoints/v1/lbs_bff/GetFullscreenV3RequestDTO.java pb/api/endpoints/v1/lbs_bff/GetFullscreenV3ResponseDTO.java pb/api/endpoints/v1/lbs_bff/GetPolarisConfigRequestDTO.java pb/api/endpoints/v1/lbs_bff/GetPolarisConfigResponseDTO.java pb/api/endpoints/v1/lbs_bff/HRAMapItemPropertyDTO.java pb/api/endpoints/v1/lbs_bff/HppHeaderDTO.java pb/api/endpoints/v1/lbs_bff/ReadActionRequestDTO.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				pb/api/endpoints/v1/lbs_bff/ReadActionResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadInRideMapInventoryRequestDTO.java questDTO.java pb/api/endpoints/v1/lbs_bff/ReadInRideMapInventoryResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadMapInventoryRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadMapInventoryResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadMapStyleRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadMapStyleResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPanelRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisFinalizeSignupRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisFinalizeSignupResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisHomePanelRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisHomePanelResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisHppCompleteTransactionRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisHppCompleteTransactionResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisHppPurchaseRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisHppPurchaseResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisHppRegisterRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisHppRegisterResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisHppUpdateBillingInfoRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisHppUpdateBillingInfoResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisInRideMapButtonsRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisInRideMapButtonsResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisInRidePanelRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisInRidePanelResponseDTO.java

NO	ISSUE	SEVERITY	STANDARDS	<b>FILES</b> ORISEP.java pb/api/endpoints/v1/lbs_bff/ReadPolarisLogin2FAReques tDTO.java
				pb/api/endpoints/v1/lbs_bff/ReadPolarisLogin2FARespo nseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisLogin2FAValidat eRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisLogin2FAValidat eResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisPasswordResetR equestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisPasswordResetR esponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisPreRideMapButt onsRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisPreRideMapButt onsResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisPreRidePanelRe questDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisPreRidePanelRe sponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisSearchRequestD TO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisSearchResponse DTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisSignupEmailReq uestCodeRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisSignupEmailReq uestCodeResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisSignupEmailVeri fyRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadPolarisSignupEmailVeri fyResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadProfileAccessMethodsL istRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadProfileAccessMethodsL istResponseDTO.java pb/api/endpoints/v1/lbs_bff/ReadRideMutationRequestD TO.java pb/api/endpoints/v1/lbs_bff/ReadRideMutationResponse DTO.java pb/api/endpoints/v1/lbs_bff/ReadRideMutationTrackImp ressionRequestDTO.java pb/api/endpoints/v1/lbs_bff/ReadRideMutationTrackImp ressionResponseDTO.java pb/api/endpoints/v1/lbs_bff/SearchResultItemDTO.java pb/api/endpoints/v1/lbs_bff/ServerActionsDTO.java

NO	ISSUE	SEVERITY	STANDARDS	pb/api/endpoints/v1/lbs_bff/UpdateProfileAccessMethod <b>FILES</b> pb/api/endpoints/v1/lbs_bff/UpdateProfileAccessMethod
				ResponseDTO.java pb/api/endpoints/v1/locations/IngestLocationsRequestDTO.java pb/api/endpoints/v1/locations/IngestLocationsResponseDTO.java pb/api/endpoints/v1/paydisputes/GetCardScanAssetsRequestDTO.java pb/api/endpoints/v1/paydisputes/GetCardScanAssetsResponseDTO.java pb/api/endpoints/v1/paydisputes/GetCardScanBeginRequestDTO.java pb/api/endpoints/v1/paydisputes/GetCardScanBeginResponseDTO.java pb/api/endpoints/v1/scoped_urls/GenerateScopedUrlRequestDTO.java pb/api/endpoints/v1/scoped_urls/GenerateScopedUrlResponseDTO.java pb/api/endpoints/v1/user_inbox/UserInboxMessageCTA DTO.java pb/api/endpoints/v1/user_inbox/UserInboxMessageDTO.java pb/api/endpoints/v1/user_inbox/UserInboxNotificationCardCTADTO.java pb/api/models/last_mile_event_attributes/LastMileErrorAlertUXDTO.java pb/api/models/last_mile_event_attributes/LastMileManualEntrySubmitButtonUXDTO.java pb/api/models/last_mile_event_attributes/LastMileQrScanManualEntryTooltipUXDTO.java pb/api/models/last_mile_event_attributes/LastMileQrScanTorchButtonUXDTO.java pb/api/models/last_mile_event_attributes/LastMileScreenManualEntryUXDTO.java pb/api/models/last_mile_event_attributes/LastMileScreenQrScanUXDTO.java pb/api/models/last_mile_event_attributes/LastMileStationScanButtonUXDTO.java pb/api/models/oauth2/access_token/OAuth2TokenDTO.java pb/api/models/oauth2/access_token/PromptActionDTO.java pb/api/models/v1/banners/InAppBannerDTO.java pb/api/models/v1/banners/InAppMessageBaseDTO.java pb/api/models/v1/banners/InAppMessageGoldDTO.java

NO	ISSUE	SEVERITY	STANDARDS	<b>FILES</b> pb/api/models/v1/banners/MapMessageDTO.java pb/api/models/v1/banners/LastMileContextDTO.java pb/api/models/v1/banners/PlacementContextDTO.java
				pb/api/models/v1/banners/RiderPlaceSearchScreenContentDTO.java pb/api/models/v1/banners/UpcomingFlightContextDTO.java pb/api/models/v1/canvas/AccessibilityDTO.java pb/api/models/v1/canvas/AccidentsReportDateTimePickerDTO.java pb/api/models/v1/canvas/AccidentsReportElementDTO.java pb/api/models/v1/canvas/ActionDTO.java pb/api/models/v1/canvas/AlertDTO.java pb/api/models/v1/canvas/AlignmentDTO.java pb/api/models/v1/canvas/AnimationDTO.java pb/api/models/v1/canvas/AnimationsDTO.java pb/api/models/v1/canvas/AttributeLayoutDTO\$SizeDTO\$FillDTO.java pb/api/models/v1/canvas/AttributeLayoutDTO\$SizeDTO\$FixedDTO.java pb/api/models/v1/canvas/AttributeLayoutDTO\$SizeDTO\$WrapDTO.java pb/api/models/v1/canvas/AttributeLayoutDTO.java pb/api/models/v1/canvas/BoxLayoutDTO\$SizeDTO\$FillTO.java pb/api/models/v1/canvas/BoxLayoutDTO\$SizeDTO\$FixedDTO.java pb/api/models/v1/canvas/BoxLayoutDTO\$SizeDTO\$WrapDTO.java pb/api/models/v1/canvas/BoxLayoutDTO.java pb/api/models/v1/canvas/BulletedListDTO.java pb/api/models/v1/canvas/CallDTO.java pb/api/models/v1/canvas/CapabilitiesDTO.java pb/api/models/v1/canvas/CarDamageSelectorDTO.java pb/api/models/v1/canvas/CarouselDTO.java pb/api/models/v1/canvas/CheckboxDTO.java pb/api/models/v1/canvas/CircularButtonDTO.java pb/api/models/v1/canvas/CircularMeterDTO.java pb/api/models/v1/canvas/ClearErrorsDTO.java pb/api/models/v1/canvas/CombinedIconDTO.java pb/api/models/v1/canvas/CommandDTO\$CapabilitiesDTO.java pb/api/models/v1/canvas/CompleteDTO.java pb/api/models/v1/canvas/ConstraintDTO\$AndroidDTO\$AnchorDTO\$HorizontalDTO.java pb/api/models/v1/canvas/ConstraintDTO\$AndroidDTO\$VerticalDTO.java

NO	ISSUE	SEVERITY	STANDARDS	AnchorDTO\$VerticalDTO.java <b>FILES</b> pb/api/models/v1/canvas/ConstraintDTO\$AndroidDTO\$SizeDTO\$ConstantDTO.java
				pb/api/models/v1/canvas/ConstraintDTO\$AndroidDTO\$SizeDTO\$DimensionRatioDTO.java pb/api/models/v1/canvas/ConstraintDTO\$AndroidDTO\$SizeDTO\$MatchConstraintsDTO.java pb/api/models/v1/canvas/ConstraintDTO\$AndroidDTO\$SizeDTO\$MatchParentDTO.java pb/api/models/v1/canvas/ConstraintDTO\$AndroidDTO\$SizeDTO\$PercentParentDTO.java pb/api/models/v1/canvas/ConstraintDTO\$AndroidDTO\$SizeDTO\$WeightDTO.java pb/api/models/v1/canvas/ConstraintDTO\$AndroidDTO\$SizeDTO\$WrapContentDTO.java pb/api/models/v1/canvas/ConstraintDTO\$IOSDTO\$AnchorDTO\$HorizontalDTO.java pb/api/models/v1/canvas/ConstraintDTO\$IOSDTO\$AnchorDTO\$VerticalDTO.java pb/api/models/v1/canvas/ConstraintDTO\$IOSDTO\$SizeDTO\$ConstantDTO.java pb/api/models/v1/canvas/ConstraintDTO\$IOSDTO\$SizeDTO\$RelativeDTO.java pb/api/models/v1/canvas/ConstraintDTO\$WebDTO\$AnchorDTO\$HorizontalDTO.java pb/api/models/v1/canvas/ConstraintDTO\$WebDTO\$AnchorDTO\$VerticalDTO.java pb/api/models/v1/canvas/ConstraintDTO\$WebDTO\$SizeDTO\$ConstantDTO.java pb/api/models/v1/canvas/ConstraintDTO\$WebDTO\$SizeDTO\$MatchParentDTO.java pb/api/models/v1/canvas/ConstraintDTO\$WebDTO\$SizeDTO\$SizeToContentDTO.java pb/api/models/v1/canvas/LayoutConstraintConstraintDTO.java pb/api/models/v1/canvas/LayoutConstraintDTO.java pb/api/models/v1/canvas/CornersDTO.java pb/api/models/v1/canvas/CustomElementDTO.java pb/api/models/v1/canvas/CustomLayoutDTO.java pb/api/models/v1/canvas/DeepLinkDTO.java pb/api/models/v1/canvas/DismissDTO.java pb/api/models/v1/canvas/DisplayCardDTO.java pb/api/models/v1/canvas/DividerDTO.java pb/api/models/v1/canvas/DriverDeactivationElementDTO.java pb/api/models/v1/canvas/DropdownDTO.java

NO	ISSUE	SEVERITY	STANDARDS	<b>FILES</b> pb/api/models/v1/canvas/EmojiSurveyDTO.java pb/api/models/v1/canvas/FeatureTipDTO.java pb/api/models/v1/canvas/FilePickerDTO.java
				pb/api/models/v1/canvas/FileUploadDTO.java pb/api/models/v1/canvas/FlowBuilderCustomElementDTO.java pb/api/models/v1/canvas/GradientLayoutDTO.java pb/api/models/v1/canvas/GridLayoutDTO.java pb/api/models/v1/canvas/HStackLayoutDTO\$SizeDTO\$FilledDTO.java pb/api/models/v1/canvas/HStackLayoutDTO\$SizeDTO\$FixedDTO.java pb/api/models/v1/canvas/HStackLayoutDTO\$SizeDTO\$WeightedDTO.java pb/api/models/v1/canvas/HStackLayoutDTO\$SizeDTO\$WrapDTO.java pb/api/models/v1/canvas/HStackLayoutDTO.java pb/api/models/v1/canvas/HelpElementDTO.java pb/api/models/v1/canvas/HideDTO.java pb/api/models/v1/canvas/IOSLayoutOverridesDTO.java pb/api/models/v1/canvas/IconButtonDTO.java pb/api/models/v1/canvas/ImageDTO\$ImageModeDTO\$AndroidDTO.java pb/api/models/v1/canvas/ImageDTO.java pb/api/models/v1/canvas/ImageSourceDTO.java pb/api/models/v1/canvas/InAppMessagingPinkLogoDTO.java pb/api/models/v1/canvas/InfoPanelDTO.java pb/api/models/v1/canvas/InlineCardDTO.java pb/api/models/v1/canvas/InlineDTO.java pb/api/models/v1/canvas/InputDateDTO.java pb/api/models/v1/canvas/InputSSNDTO.java pb/api/models/v1/canvas/LabelCapabilitiesDTO.java pb/api/models/v1/canvas/LabelDTO.java pb/api/models/v1/canvas/LayoutChildDTO.java pb/api/models/v1/canvas/LayoutSectionDTO.java pb/api/models/v1/canvas/ListSectionDTO\$ItemDTO\$ContentDTO\$CheckboxDTO.java pb/api/models/v1/canvas/ListSectionDTO\$ItemDTO\$ContentDTO\$IconDTO.java pb/api/models/v1/canvas/ListSectionDTO\$ItemDTO\$ContentDTO\$ImageDTO.java pb/api/models/v1/canvas/ListSectionDTO\$ItemDTO\$ContentDTO\$RadioButtonDTO.java pb/api/models/v1/canvas/ListSectionDTO\$ItemDTO\$ContentDTO\$SwitchDTO.java pb/api/models/v1/canvas/ListSectionDTO\$ItemDTO\$ContentDTO\$TextDTO.java

NO	ISSUE	SEVERITY	STANDARDS	<b>FILE</b> tentDTO\$TagDTO.java pb/api/models/v1/canvas/ListSectionDTO.java pb/api/models/v1/canvas/LocationPickerDTO\$SearchDT O\$ByAddressOrNameDTO.java pb/api/models/v1/canvas/LocationPickerDTO\$SearchDT O\$OnMapWithCurrentDeviceLocationDTO.java pb/api/models/v1/canvas/LocationPickerDTO.java pb/api/models/v1/canvas/MapDTO.java pb/api/models/v1/canvas/PaddingDTO.java pb/api/models/v1/canvas/PhoneNumberFieldDTO.java pb/api/models/v1/canvas/PillButtonDTO.java pb/api/models/v1/canvas/PlaceholderElementDTO.java pb/api/models/v1/canvas/PromptPanelDTO.java pb/api/models/v1/canvas/PromptScreenDTO.java pb/api/models/v1/canvas/RadioButtonDTO.java pb/api/models/v1/canvas/RadioGroupDTO.java pb/api/models/v1/canvas/RotateDTO.java pb/api/models/v1/canvas/RoutePickerDTO.java pb/api/models/v1/canvas/ScreenDTO.java pb/api/models/v1/canvas/ScrollLayoutDTO\$SizeDTO\$Fill DTO.java pb/api/models/v1/canvas/ScrollLayoutDTO\$SizeDTO\$Fix edDTO.java pb/api/models/v1/canvas/ScrollLayoutDTO\$SizeDTO\$Wr apDTO.java pb/api/models/v1/canvas/ScrollLayoutDTO.java pb/api/models/v1/canvas/SegmentedControlDTO\$Segm entItemDTO\$DetailTextDTO.java pb/api/models/v1/canvas/SegmentedControlDTO\$Segm entItemDTO\$IconDTO.java pb/api/models/v1/canvas/SegmentedControlDTO\$Segm entItemDTO\$PrimaryTextDTO.java pb/api/models/v1/canvas/SegmentedControlDTO\$Segm entItemDTO\$TextDTO.java pb/api/models/v1/canvas/SegmentedControlDTO.java pb/api/models/v1/canvas>SelectDTO.java pb/api/models/v1/canvas/ShapeDTO.java pb/api/models/v1/canvas/SheetDTO.java pb/api/models/v1/canvas/ShimmerDTO.java pb/api/models/v1/canvas>ShowDTO.java pb/api/models/v1/canvas/SliderButtonDTO.java pb/api/models/v1/canvas/SpacerDTO.java pb/api/models/v1/canvas/StackLayoutConstraintDTO.ja va pb/api/models/v1/canvas/StackLayoutDTO.java pb/api/models/v1/canvas/SubmitFormDTO.java

NO	ISSUE	SEVERITY	STANDARDS	<b>FILES</b> pb/api/models/v1/canvas/SwitchDTO.java pb/api/models/v1/canvas/TabsDTO.java pb/api/models/v1/canvas/TagDTO.java
				pb/api/models/v1/canvas/TextAreaDTO.java pb/api/models/v1/canvas/TextButtonDTO.java pb/api/models/v1/canvas/TextFieldDTO.java pb/api/models/v1/canvas/TextStylingDTO.java pb/api/models/v1/canvas/TimelineDTO.java pb/api/models/v1/canvas/ToastDTO.java pb/api/models/v1/canvas/ToggleButtonDTO.java pb/api/models/v1/canvas/ToggleGroupDTO.java pb/api/models/v1/canvas/ToggleVisibilityDTO.java pb/api/models/v1/canvas/TooltipDTO.java pb/api/models/v1/canvas/UpdateAccessibilityDTO.java pb/api/models/v1/canvas/VStackLayoutDTO\$SizeDTO\$FilledDTO.java pb/api/models/v1/canvas/VStackLayoutDTO\$SizeDTO\$FixedDTO.java pb/api/models/v1/canvas/VStackLayoutDTO\$SizeDTO\$WeightedDTO.java pb/api/models/v1/canvas/VStackLayoutDTO\$SizeDTO\$WrapDTO.java pb/api/models/v1/canvas/VStackLayoutDTO.java pb/api/models/v1/canvas/ValidateDTO.java pb/api/models/v1/canvas/ValidationDTO\$BooleanDTO.java pb/api/models/v1/canvas/ValidationDTO\$CountDTO.java pb/api/models/v1/canvas/ValidationDTO\$RegexDTO.java pb/api/models/v1/canvas/ValidationRuleDTO.java pb/api/models/v1/canvas/VideoDTO.java pb/api/models/v1/canvas/WebviewDTO.java pb/api/models/v1/canvas/actions/common/CommonActionDTO.java pb/api/models/v1/canvas/actions/consumer_rentals/RentalBookingActionDTO.java pb/api/models/v1/canvas/actions/driver_deactivation/DriverDeactivationActionDTO.java pb/api/models/v1/canvas/actions/driver_deactivation/DriverDeactivationAnimationDTO.java pb/api/models/v1/canvas/actions/driver_deactivation/DriverDeactivationAnimationsDTO.java pb/api/models/v1/canvas/actions/earnings/EarningsActionDTO.java pb/api/models/v1/canvas/actions/edit_ride_toolkit/CancellationFrictionActionDTO.java pb/api/models/v1/canvas/actions/edit_ride_toolkit/CancellationReasonActionDTO.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				pb/api/models/v1/canvas/actions/edit_ride_toolkit/EditRideToolkitActionDTO.java pb/api/models/v1/canvas/actions/edit_ride_toolkit/SwitchRideActionDTO.java pb/api/models/v1/canvas/actions/flow_builder/FlowBuilderActionDTO.java pb/api/models/v1/canvas/actions/flow_builder/ValidationDTO\$CountDTO.java pb/api/models/v1/canvas/actions/flow_builder/ValidationDTO\$NonEmptySelectedOptionIdDTO.java pb/api/models/v1/canvas/actions/flow_builder/ValidationDTO\$RegexDTO.java pb/api/models/v1/canvas/actions/flow_builder/ValidationRuleDTO.java pb/api/models/v1/canvas/actions/help/HelpActionDTO.java pb/api/models/v1/canvas/actions/home/HomeActionDTO.java pb/api/models/v1/canvas/actions/in_app_messaging/InAppMessagingActionDTO.java pb/api/models/v1/canvas/actions/lbs_bff/LbsBffPanelActionDTO.java pb/api/models/v1/canvas/actions/lyft_history/LyftHistoryActionDTO.java pb/api/models/v1/canvas/actions/lyft_history/LyftHistoryAnimationDTO.java pb/api/models/v1/canvas/actions/lyft_history/LyftHistoryAnimationsDTO.java pb/api/models/v1/canvas/actions/lyft_pass/LyftPassEnrollmentChallengeActionDTO.java pb/api/models/v1/canvas/actions/map_feedback_tool/MapFeedbackToolSmartSurveyActionDTO.java pb/api/models/v1/canvas/actions/offer_overview/OfferOverviewActionDTO.java pb/api/models/v1/canvas/actions/pink/PinkMembershipActionDTO.java pb/api/models/v1/canvas/driver_onboarding_custom_elements/DriverOnboardingCustomElementDTO.java pb/api/models/v1/challenges/CanvasChallengeDTO.java pb/api/models/v1/challenges/FormBuilderChallengeDTO.java pb/api/models/v1/challenges/NativeChallengeDTO.java pb/api/models/v1/challenges/PersistedChallengeHeaderMetaDTO.java pb/api/models/v1/challenges/WebChallengeDTO.java pb/api/models/v1/coordinates/CoordinateDTO.java

NO	ISSUE	SEVERITY	STANDARDS	PAGES
				<p>pb/api/models/v1/core_ui/AccessibilityStringDTO.java</p> <p>pb/api/models/v1/core_ui/AnimationDTO.java</p> <p>pb/api/models/v1/core_ui/IconDTO.java</p> <p>pb/api/models/v1/core_ui/PictureDTO.java</p> <p>pb/api/models/v1/core_ui/TextStyleDTO.java</p> <p>pb/api/models/v1/core_ui/text_styles/v1/CoreTextStyleDTO.java</p> <p>pb/api/models/v1/core_ui/text_styles/v1/NewTextStyleDTO.java</p> <p>pb/api/models/v1/displaycomponents/AnytimeOrderingStartMatchingActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/CancelRideActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/CanvasActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/CanvasAnimationTypeDTO.java</p> <p>pb/api/models/v1/displaycomponents/CanvasAnimationSDTO.java</p> <p>pb/api/models/v1/displaycomponents/ConfirmPickupLocationActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/ContactDriverActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/DeepLinkActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/DismissActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/DisplayComponentsActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/EditLocationActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/EditPickupActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/ExpandPanelActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/RedispatchRideActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/RemoveGateCodeActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/RequestSupportCallbackActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/RiderPickupFeedbackActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/ServerActionDTO.java</p> <p>pb/api/models/v1/displaycomponents/ShareRideActionDTO.java</p>

NO	ISSUE	SEVERITY	STANDARDS	FILES
1	<a href="#">Files may contain hardcoded sensitive information like usernames, passwords, keys etc.</a>	warning	CWE: CWE-312: Cleartext Storage of Sensitive Information OWASP Top 10: M9: Reverse Engineering OWASP MASVS: MSTG-STORAGE-14	pb/api/models/v1/displaycomponents>ShowComponentActionDTO.java pb/api/models/v1/displaycomponents>ShowEditRideDialogActionDTO.java pb/api/models/v1/displaycomponents>ShowNavigationActionDTO.java pb/api/models/v1/displaycomponents>ShowSafetyToolsActionDTO.java pb/api/models/v1/displaycomponents/SwitchRideActionDTO.java pb/api/models/v1/displaycomponents/VerifyResponseActionDTO.java pb/api/models/v1/displaycomponents/ZoomInActionDTO.java pb/api/models/v1/distance/DistanceDTO.java pb/api/models/v1/driver_location/DriverLocationDTO.java pb/api/models/v1/errors/StandardErrorDTO.java pb/api/models/v1/errors/last_mile_errors/LastMileApplePayPreAuthErrorDTO.java pb/api/models/v1/errors/last_mile_errors/LastMileDateOfBirthMissingErrorDTO.java pb/api/models/v1/errors/last_mile_errors/LastMileSafetyQuizErrorDTO.java pb/api/models/v1/errors/last_mile_errors/LastMileTutorsErrorDTO.java pb/api/models/v1/errors/last_mile_errors/LinkDisplayTermsEntryDTO.java pb/api/models/v1/errors/last_mile_errors/RideableTypeTermsOfServiceDTO.java pb/api/models/v1/errors/last_mile_errors/UnlockUnprocessableEntityErrorDTO.java pb/api/models/v1/inappmessaging/CanvasSurfaceDTO.java pb/api/models/v1/inappmessaging/ContentFeedDTO.java pb/api/models/v1/inappmessaging/DeepLinkDTO.java pb/api/models/v1/inappmessaging/InAppMessageUnitDTO.java pb/api/models/v1/inappmessaging/InterventionContentDTO.java pb/api/models/v1/inappmessaging/PlacedUnitDTO.java pb/api/models/v1/inappmessaging/PlacementDTO.java pb/api/models/v1/inappmessaging/RealTimeCanvasSurfaceDTO.java pb/api/models/v1/inappmessaging/RiderInboxCardsDTO

NO	ISSUE	SEVERITY	STANDARDS	.java FILE: models/v1/inappmessaging/custom/AccessoryBu lletDTO.java
				pb/api/models/v1/inappmessaging/custom/CarouselCar dDTO.java pb/api/models/v1/inappmessaging/custom/CarouselCar dsDTO.java pb/api/models/v1/inappmessaging/custom/DetailPanelD isplayDTO.java pb/api/models/v1/inappmessaging/custom/DriverNotific ationsCenterDTO.java pb/api/models/v1/inappmessaging/custom/DriverOnboa rdingHeaderDTO.java pb/api/models/v1/inappmessaging/custom/EmailModule DTO.java pb/api/models/v1/inappmessaging/custom/HomeIncenti veDTO.java pb/api/models/v1/inappmessaging/custom/IncentiveIcon DTO.java pb/api/models/v1/inappmessaging/custom/MessageMet adataDTO.java pb/api/models/v1/inappmessaging/custom/Onboarding HeaderDTO.java pb/api/models/v1/inappmessaging/custom/PriceGuidan ceBannerMessageMetadataDTO.java pb/api/models/v1/inappmessaging/custom/RiderGreetin gMessageDTO.java pb/api/models/v1/inappmessaging/custom/RiderHomeB odyContentDTO.java pb/api/models/v1/inappmessaging/custom/RiderHomeB odyMessageDTO.java pb/api/models/v1/inappmessaging/custom/RiderHomeH eaderContentDTO.java pb/api/models/v1/inappmessaging/custom/RiderHomeH eaderMessageDTO.java pb/api/models/v1/inappmessaging/custom/RiderHomeP rioritizedContentDTO.java pb/api/models/v1/inappmessaging/custom/RiderHomeP rioritizedMessageDTO.java pb/api/models/v1/inappmessaging/custom/RiderHomeS creenCustomModuleDTO.java pb/api/models/v1/inappmessaging/custom/RiderHomeS creenCustomModuleItemDTO.java pb/api/models/v1/inappmessaging/custom/RiderHomeS creenIncentiveModuleDTO.java pb/api/models/v1/inappmessaging/custom/RiderOfferSe lectorPanelHeaderDTO.java

NO	ISSUE	SEVERITY	STANDARDS	<b>FILES</b> pb/api/models/v1/inappmessaging/custom/RiderRateAn dPayBelowStarRatingsContentDTO.java
				pb/api/models/v1/inappmessaging/custom/SectionCard DTO.java pb/api/models/v1/inappmessaging/custom/SectionDTO.j ava pb/api/models/v1/inappmessaging/custom/SkinsContext ualBannerMessageMetadataDTO.java pb/api/models/v1/inappmessaging/custom/SponsorDisp layDetailsDTO.java pb/api/models/v1/inappmessaging/custom/SponsoredPr eRequestDisplayCardMessageMetadataDTO.java pb/api/models/v1/inappmessaging/custom/SponsoredRi desBannerMessageMetadataDTO.java pb/api/models/v1/inappmessaging/custom/StandardCar dDTO.java pb/api/models/v1/inappmessaging/custom/TextDTO.jav a pb/api/models/v1/inappmessaging/placements/CrossPla tformPlacementDTO.java pb/api/models/v1/inappmessaging/placements/DeepLin kSurfaceDTO.java pb/api/models/v1/inappmessaging/placements/DriverAp pPlacementDTO.java pb/api/models/v1/inappmessaging/placements/DriverCr ossScreenDTO.java pb/api/models/v1/inappmessaging/placements/DriverOf flineldingDTO.java pb/api/models/v1/inappmessaging/placements/DriverO nlineldingDTO.java pb/api/models/v1/inappmessaging/placements/DriverPr eferencesDTO.java pb/api/models/v1/inappmessaging/placements/Earnings HomeDTO.java pb/api/models/v1/inappmessaging/placements/EmailMo dulePlacementDTO.java pb/api/models/v1/inappmessaging/placements/EvHubSc reenDTO.java pb/api/models/v1/inappmessaging/placements/ExpressP ayCashoutScreenDTO.java pb/api/models/v1/inappmessaging/placements/HomeSc reenDTO.java pb/api/models/v1/inappmessaging/placements/InRideCo ntentFeedBelowFoldDTO.java pb/api/models/v1/inappmessaging/placements/InRideSc reenAbovePanelDTO.java

NO	ISSUE	SEVERITY	STANDARDS	pb/api/models/v1/inappmessaging/placements/InRideScreenPanelDTO.java pb/api/models/v1/inappmessaging/placements/LastMilePlacementDTO.java AppPlacementDTO.java pb/api/models/v1/inappmessaging/placements/LastMileHomeScreenAbovePanelDTO.java pb/api/models/v1/inappmessaging/placements/LastMileInRideScreenAbovePanelDTO.java pb/api/models/v1/inappmessaging/placements/LastMileRideEndedScreenAbovePanelDTO.java pb/api/models/v1/inappmessaging/placements/LastMileSelectedVehicleScreenAbovePanelDTO.java pb/api/models/v1/inappmessaging/placements/MotivatorMapPanelDTO.java pb/api/models/v1/inappmessaging/placements/NotificationsCenterDTO.java pb/api/models/v1/inappmessaging/placements/OfferSelectorDTO.java pb/api/models/v1/inappmessaging/placements/OfflineHomeScreenDTO.java pb/api/models/v1/inappmessaging/placements/OnboardingChecklistViewHeaderDTO.java pb/api/models/v1/inappmessaging/placements/OnboardingPaymentScreenDTO.java pb/api/models/v1/inappmessaging/placements/OnboardingSubFlowScreenDTO.java pb/api/models/v1/inappmessaging/placements/PostOnboardingDTO.java pb/api/models/v1/inappmessaging/placements/PreMatchScreenAbovePanelDTO.java pb/api/models/v1/inappmessaging/placements/PrePickUpScreenAbovePanelDTO.java pb/api/models/v1/inappmessaging/placements/RateAndPayScreenAbovePaymentMethodDTO.java pb/api/models/v1/inappmessaging/placements/RateAndPayScreenBelowStarRatingsDTO.java pb/api/models/v1/inappmessaging/placements/RideReceiptEmailPromotionalSectionDTO.java pb/api/models/v1/inappmessaging/placements/RideableDTO.java pb/api/models/v1/inappmessaging/placements/RiderAppPlacementDTO.java pb/api/models/v1/inappmessaging/placements/RiderCrossScreenDTO.java pb/api/models/v1/inappmessaging/placements/RiderInboxNotificationCardDTO.java pb/api/models/v1/inappmessaging/placements/StationPanelDTO.java

NO	ISSUE	SEVERITY	STANDARDS	<b>FILES</b> pb/api/models/v1/mappings/placements/stations DTO.java pb/api/models/v1/last_mile/CameraScreenConfiguration
				DTO.java pb/api/models/v1/last_mile/LastMileInterstitialPanelDTO.java pb/api/models/v1/last_mile/LastMileRideRequestValidationDTO.java pb/api/models/v1/last_mile/LastMileRideableStationDTO\$ReservationOptionDTO.java pb/api/models/v1/last_mile/PreAuthDataDTO.java pb/api/models/v1/last_mile_rewards/CircularProgressIndicatorDTO.java pb/api/models/v1/last_mile_rewards/CountdownDTO.java pb/api/models/v1/last_mile_rewards/LastMileRewardsBoardDTO.java pb/api/models/v1/last_mile_rewards/LastMileRewardsPanelStatusMessageDTO.java pb/api/models/v1/last_mile_rewards/LeftContentDTO.java pb/api/models/v1/lat_lng/LatLngDTO.java pb/api/models/v1/lbs_bff/FilterMapButtonComponentDTO.java pb/api/models/v1/lbs_bff/GenericMapButtonComponentDTO.java pb/api/models/v1/lbs_bff/GroupRideMapButtonComponentDTO.java pb/api/models/v1/lbs_bff/MapButtonAppearanceDTO.java pb/api/models/v1/lbs_bff/MapButtonComponentDTO.java pb/api/models/v1/lbs_bff/PanelComponentDTO.java pb/api/models/v1/lbs_bff/PanelDTO.java pb/api/models/v1/lbs_bff/PanelSpecificationDTO.java pb/api/models/v1/lbs_bff/PreRideMapButtonsDTO.java pb/api/models/v1/lbs_bff/RecenterMapButtonComponentDTO.java pb/api/models/v1/lbs_bff/ToggleMapButtonComponentDTO.java pb/api/models/v1/lbs_bff/actions/ActionSpecificationDTO.java pb/api/models/v1/lbs_bff/actions/AddMapItemsFilterActionDTO.java pb/api/models/v1/lbs_bff/actions/AlertActionDTO.java pb/api/models/v1/lbs_bff/actions/ApplePayPreauthActionDTO.java

NO	ISSUE	SEVERITY	STANDARDS	File Names
				pb/api/models/v1/lbs_bff/actions/AsyncFullScreenAction pb/api/models/v1/lbs_bff/actions/CanvasDismissActionD TO.java pb/api/models/v1/lbs_bff/actions/CanvasSubmitActionD TO.java pb/api/models/v1/lbs_bff/actions/ChangeCanvasViewAp pearanceActionDTO.java pb/api/models/v1/lbs_bff/actions/ChangeGenericMaple mAppearanceActionDTO.java pb/api/models/v1/lbs_bff/actions/ChangeTabActionDTO.j ava pb/api/models/v1/lbs_bff/actions/DateOfBirthEntryAct ionDTO.java pb/api/models/v1/lbs_bff/actions/DeepLinkActionDTO.j ava pb/api/models/v1/lbs_bff/actions/DriversLicenseEntryAct ionDTO.java pb/api/models/v1/lbs_bff/actions/EbikeListTutorialAct ionDTO.java pb/api/models/v1/lbs_bff/actions/ExitPlannedTripAct ionDTO.java pb/api/models/v1/lbs_bff/actions/FeatureTipActionDTO.j ava pb/api/models/v1/lbs_bff/actions/FullScreenActionDTO.j ava pb/api/models/v1/lbs_bff/actions/FullScreenFlowActionD TO.java pb/api/models/v1/lbs_bff/actions/FullScreenFlowNavigat ionActionDTO.java pb/api/models/v1/lbs_bff/actions/FullScreenV3DTO.java pb/api/models/v1/lbs_bff/actions/GroupRiderScanToUnl ockActionDTO.java pb/api/models/v1/lbs_bff/actions/HapPageActionDTO.j ava pb/api/models/v1/lbs_bff/actions/ImageShareActionDTO .java pb/api/models/v1/lbs_bff/actions/LastMileRideRequestEr rorActionDTO.java pb/api/models/v1/lbs_bff/actions/LinkShareActionDTO.j ava pb/api/models/v1/lbs_bff/actions>ListActionDTO.java pb/api/models/v1/lbs_bff/actions/LottieFullScreenAnima tionActionDTO.java pb/api/models/v1/lbs_bff/actions/MapCameraUpdateAct ionDTO.java

NO	ISSUE	SEVERITY	STANDARDS	<b>TO.java</b> <b>FILES</b> pb/api/models/v1/lbs_bff/actions/MembershipSalesActionDTO.java pb/api/models/v1/lbs_bff/actions/MapItemsFilterActionDTO.java pb/api/models/v1/lbs_bff/actions/NavigationActionDTO.java pb/api/models/v1/lbs_bff/actions/ParkingToggleActionDTO.java pb/api/models/v1/lbs_bff/actions/PolarisTermsOfServiceActionDTO.java pb/api/models/v1/lbs_bff/actions/PromptPanelActionDTO.java pb/api/models/v1/lbs_bff/actions/PromptScreenActionDTO.java pb/api/models/v1/lbs_bff/actions/PronounsEntryActionDTO.java pb/api/models/v1/lbs_bff/actions/QRScannerConfigDTO.java pb/api/models/v1/lbs_bff/actions/RefreshInRideMapActionDTO.java pb/api/models/v1/lbs_bff/actions/RefreshLastMileRewardsActionDTO.java pb/api/models/v1/lbs_bff/actions/RemoveMapItemsFilterActionDTO.java pb/api/models/v1/lbs_bff/actions/RetryReasonDTO.java pb/api/models/v1/lbs_bff/actions/RideCancelActionDTO.java pb/api/models/v1/lbs_bff/actions/RideDidCompleteActionDTO.java pb/api/models/v1/lbs_bff/actions/RideDropoffActionDTO.java pb/api/models/v1/lbs_bff/actions/RideLockActionDTO.java pb/api/models/v1/lbs_bff/actions/RideMutationActionDTO.java pb/api/models/v1/lbs_bff/actions/RideMutationRetryActionDTO.java pb/api/models/v1/lbs_bff/actions/RideScanToUnlockActionDTO.java pb/api/models/v1/lbs_bff/actions/RideToStationActionDTO.java pb/api/models/v1/lbs_bff/actions/RideUnlockActionDTO.java pb/api/models/v1/lbs_bff/actions/RideableReportIssueActionDTO.java pb/api/models/v1/lbs_bff/actions/RideableReserveActionDTO.java

NO	ISSUE	SEVERITY	STANDARDS	<b>FILES</b> DTO.java pb/api/models/v1/lbs_bff/actions/RideableScanActionDTO.java
				pb/api/models/v1/lbs_bff/actions/RideableTutorialActionDTO.java pb/api/models/v1/lbs_bff/actions/RideableUnlockActionDTO.java pb/api/models/v1/lbs_bff/actions/ScanActionDTO.java pb/api/models/v1/lbs_bff/actions/ScanToUnlockActionDTO.java pb/api/models/v1/lbs_bff/actions>SelectDestinationActionDTO.java pb/api/models/v1/lbs_bff/actions>SelectFilterCategoryActionDTO.java pb/api/models/v1/lbs_bff/actions>SelectReservationOptionActionDTO.java pb/api/models/v1/lbs_bff/actions>SelectRideableActionDTO.java pb/api/models/v1/lbs_bff/actions>SelectStationActionDTO.java pb/api/models/v1/lbs_bff/actions/SetLastMileRewardsUserPreferenceActionDTO.java pb/api/models/v1/lbs_bff/actions/SetupGroupRideActionDTO.java pb/api/models/v1/lbs_bff/actions/SheetActionDTO.java pb/api/models/v1/lbs_bff/actions>ShowAccessMethodScreenActionDTO.java pb/api/models/v1/lbs_bff/actions>ShowPaymentMethodPickerActionDTO.java pb/api/models/v1/lbs_bff/actions>ShowPostRideFareBreakDownActionDTO.java pb/api/models/v1/lbs_bff/actions>ShowPricingDetailsComponentActionDTO.java pb/api/models/v1/lbs_bff/actions>ShowRateAndPayActionDTO.java pb/api/models/v1/lbs_bff/actions/SleepActionDTO.java pb/api/models/v1/lbs_bff/actions/StationReportIssueActionDTO.java pb/api/models/v1/lbs_bff/actions/StationReserveActionDTO.java pb/api/models/v1/lbs_bff/actions/StationScanActionDTO.java pb/api/models/v1/lbs_bff/actions/StationTutorialActionDTO.java pb/api/models/v1/lbs_bff/actions/StrobeRideableLightsActionDTO.java

NO	ISSUE	SEVERITY	STANDARDS	<b>FILES</b> pb/api/models/v1/lbs_bff/actions/TermsOfServiceAckno wledgeActionDTO.java pb/api/models/v1/lbs_bff/actions/ToastActionDTO.java
				pb/api/models/v1/lbs_bff/actions/TooltipActionDTO.java pb/api/models/v1/lbs_bff/actions/TrackEventActionDTO.java pb/api/models/v1/lbs_bff/actions/UpdateBikeAngelsStoreTotalActionDTO.java pb/api/models/v1/lbs_bff/actions/UpdateMembershipPaymentMethodActionDTO.java pb/api/models/v1/lbs_bff/actions/ValidateCheckboxActionDTO.java pb/api/models/v1/lbs_bff/actions/global_actions/ServerActionCapabilitiesDTO.java pb/api/models/v1/lbs_bff/actions/global_actions/ServerActionDTO.java pb/api/models/v1/lbs_bff/actions/polaris_actions/GetAPassActionDTO.java pb/api/models/v1/lbs_bff/actions/polaris_actions/OpenFavoritesScreenActionDTO.java pb/api/models/v1/lbs_bff/actions/polaris_actions/PinCodeUnlockActionDTO.java pb/api/models/v1/lbs_bff/actions/polaris_actions/PlanARideActionDTO.java pb/api/models/v1/lbs_bff/actions/polaris_actions/ScanToUnlockActionDTO.java pb/api/models/v1/lbs_bff/actions/polaris_actions>ShowGroupRidePurchaseFlowActionDTO.java pb/api/models/v1/lbs_bff/actions/polaris_actions/UpdateFavoriteStationsActionDTO.java pb/api/models/v1/lbs_bff/components/ActionButtonDTO.java pb/api/models/v1/lbs_bff/components/ActionButtonRowDTO.java pb/api/models/v1/lbs_bff/components/CategorySelectorDTO.java pb/api/models/v1/lbs_bff/components/EbikeListCapabilitiesDTO.java pb/api/models/v1/lbs_bff/components/EbikeListDTO.java pb/api/models/v1/lbs_bff/components/InAppBannersCapabilitiesDTO.java pb/api/models/v1/lbs_bff/components/InAppBannersDTO.java pb/api/models/v1/lbs_bff/components/InRideRideableDetailsDTO.java pb/api/models/v1/lbs_bff/components/InlineCanvasDTO.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				<pre> java pb/api/models/v1/lbs_bff/components/LastMileRewards BoostComponentCapabilitiesDTO.java pb/api/models/v1/lbs_bff/components/LastMileRewards BoostComponentDTO.java pb/api/models/v1/lbs_bff/components/LastMileRewards PanelStatusMessageComponentCapabilitiesDTO.java pb/api/models/v1/lbs_bff/components/LastMileRewards PanelStatusMessageComponentDTO.java pb/api/models/v1/lbs_bff/components/LightweightStatio nInformationCapabilitiesDTO.java pb/api/models/v1/lbs_bff/components/LightweightStatio nInformationDTO.java pb/api/models/v1/lbs_bff/components/LottieAnimationV iewDTO.java pb/api/models/v1/lbs_bff/components/PaymentMethod DTO.java pb/api/models/v1/lbs_bff/components/PostRideSavings DTO.java pb/api/models/v1/lbs_bff/components/PostRideStatsDT O.java pb/api/models/v1/lbs_bff/components/PostRideUpsellID DTO.java pb/api/models/v1/lbs_bff/components/PricingDetailsCap abilitiesDTO.java pb/api/models/v1/lbs_bff/components/PricingDetailsDT O.java pb/api/models/v1/lbs_bff/components/PricingSummary CapabilitiesDTO.java pb/api/models/v1/lbs_bff/components/PricingSummary DTO.java pb/api/models/v1/lbs_bff/components/QRScanFormCo mponentDTO.java pb/api/models/v1/lbs_bff/components/QRScanFormIcon ButtonDTO.java pb/api/models/v1/lbs_bff/components/QRScanFormPillB uttonDTO.java pb/api/models/v1/lbs_bff/components/RatingsFormCom ponentDTO.java pb/api/models/v1/lbs_bff/components/RegulatoryWarni ngCapabilitiesDTO.java pb/api/models/v1/lbs_bff/components/RegulatoryWarni ngDTO.java pb/api/models/v1/lbs_bff/components/RichTextSubstitut ionComponentDTO.java pb/api/models/v1/lbs_bff/components/RideMenuCapabil </pre>

NO	ISSUE	SEVERITY	STANDARDS	FILES
				<p>itiesDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/RideMenuDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/RideStatusHeade rCapabilitiesDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/RideStatusHeade rDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/RideableActionBu ttonDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/RideableActionBu ttonRowDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/RideableMessage CapabilitiesDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/RideableMessage DTO.java</p> <p>pb/api/models/v1/lbs_bff/components/RideableNameAn dDetailsDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/StationActionButt onCapabilitiesDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/StationActionButt onDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/StationActionButt onRowDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/StationAvailabilit yCapabilitiesDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/StationAvailabilit yDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/StationMessageC apabilitiesDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/StationMessageD TO.java</p> <p>pb/api/models/v1/lbs_bff/components/StationNameCap abilitiesDTO.java</p> <p>pb/api/models/v1/lbs_bff/components/StationNameDTO .java</p> <p>pb/api/models/v1/lbs_bff/components/StepperDTO.java</p> <p>pb/api/models/v1/locations/BluetoothNetworkDTO.java</p> <p>pb/api/models/v1/locations/EddystoneBeaconDTO.java</p> <p>pb/api/models/v1/locations/EddystoneUIDDTO.java</p> <p>pb/api/models/v1/locations/IBeaconNetworkDTO.java</p> <p>pb/api/models/v1/locations/IngestionLocationDTO.java</p> <p>pb/api/models/v1/locations/IngestionNavigationLocatio nDTO.java</p> <p>pb/api/models/v1/locations/IngestionNavigationRoutelin eDTO.java</p> <p>pb/api/models/v1/locations/WifiNetworkDTO.java</p> <p>nb/api/models/v1/locations/v2/BasicLocationDTO.java</p>

NO	ISSUE	SEVERITY	STANDARDS	<b>FILES</b> pb/api/models/v1/locations/v2/LocationFeaturesDTO.java pb/api/models/v1/locations/v2/LocationMetadataDTO.java pb/api/models/v1/locations/v2/LocationV2DTO.java pb/api/models/v1/locations/v2/MapMatchFeaturesDTO.java pb/api/models/v1/locations/v2/MapProfileDTO.java pb/api/models/v1/locations/v2/MediaLocationMetadataDTO.java pb/api/models/v1/locations/v2/NavigationLocationMetadataDTO.java pb/api/models/v1/locations/v2/NodeDTO.java pb/api/models/v1/locations/v2/PortableLocationDTO.java pb/api/models/v1/locations/v2/PortableLocationWithFeaturesDTO.java pb/api/models/v1/locations/v2/ProbableLocationDTO.java pb/api/models/v1/locations/v2/RideableLocationMetadataDTO.java pb/api/models/v1/locations/v2/RoadsideLocationMetadataDTO.java pb/api/models/v1/locations/v2/SegmentDTO.java pb/api/models/v1/locations/v2/SegmentPositionDTO.java pb/api/models/v1/locations/v2/SpotDTO.java pb/api/models/v1/locations/v2/StaticLocationMetadataDTO.java pb/api/models/v1/locations/v2/TransitLocationMetadataDTO.java pb/api/models/v1/locations/v2/TransportationApiLocationMetadataDTO.java pb/api/models/v1/locations/v2/UserLocationMetadataDTO.java pb/api/models/v1/memberships/RenewalCycleDTO.java pb/api/models/v1/memberships/SubscriptionBillingDetailsDTO.java pb/api/models/v1/money/MoneyDTO.java pb/api/models/v1/navigation/CongestionSectionV2DTO.java pb/api/models/v1/navigation/InternalWaypointDTO.java pb/api/models/v1/navigation/RangeV2DTO.java pb/api/models/v1/navigation/RouteSegmentV2DTO.java pb/api/models/v1/places/AddressDetailsDTO.java pb/api/models/v1/places/PlaceDTO.java

NO	ISSUE	SEVERITY	STANDARDS	pb/api/models/v1/polaris/ConsentChoiceDTO.java <b>FILE</b> pb/api/models/v1/polaris/PolarisConsentDTO.java pb/api/models/v1/view/panel/HeaderBodyItemsDTO.java
				a pb/api/models/v1/view/presentation/components/CanvasComponentDTO.java pb/api/models/v1/view/presentation/components/ComponentDTO.java pb/api/models/v1/view/presentation/components/CustomComponentDTO.java pb/api/models/v1/view/primitives/RichTextDTO.java pb/api/models/v1/view/primitives/StyledRichTextDTO.java a pb/api/models/v1/view/primitives/TintedIconDTO.java rx/internal/schedulers/NewThreadWorker.java sb/a.java ul/a.java um/b.java wm/n.java wm/r0.java
				a7/d.java a7/k.java ac/a.java c6/d.java cb/f.java cb/z.java com/bumptech/glide/b.java com/bumptech/glide/j.java com/bumptech/glide/k.java com/bumptech/glide/load/data/b.java com/bumptech/glide/load/data/j.java com/bumptech/glide/load/data/l.java com/bumptech/glide/load/engine/DecodeJob.java com/bumptech/glide/load/engine/GlideException.java com/bumptech/glide/load/engine/e.java com/bumptech/glide/load/engine/j.java com/bumptech/glide/load/resource.bitmap/DefaultImageHeaderParser.java com/bumptech/glide/load/resource.bitmap/VideoDecoder.java com/bumptech/glide/load/resource.bitmap/a.java com/bumptech/glide/request/SingleRequest.java com/lexisnexisrisk/threatmetrix/tmxprofiling/ebebbee.java com/lyft/android/camera/unidirectional/plugin/service/a

NO	ISSUE	SEVERITY	STANDARDS	.java Files
				com/lyft/auth/LogoutService.java com/lyft/auth/g.java com/lyft/common/composition/a.java com/mapbox/common/AccessTokenInitializer.java com/mapbox/common/BaseMapboxInitializer.java com/mapbox/common/CoreInitializer.java com/mapbox/common/LifecycleMonitorAndroid.java com/mapbox/common/LifecycleService.java com/mapbox/common/LifecycleUtils.java com/mapbox/common/MapboxCommonLogger.java com/mapbox/common/MapboxMapsAndroidLogger.java com/mapbox/common/Reachability.java com/mapbox/common/RunloopErrorHandler.java com/mapbox/common/SettingsServiceHelper.java com/mapbox/common/TelemetrySystemUtils.java com/mapbox/common/ValueUtilsKt.java com/mapbox/common/location/LocationUpdatesReceiver.java com/mapbox/common/logger/MapboxLogger.java com/mapbox/common/module/okhttp/NetworkUsageListener.java com/mapbox/common/module/provider/MapboxModuleProvider.java com/mapbox/maps/FontUtils.java com/mapbox/maps/extension/style/layers/Layer.java com/mapbox/maps/extension/style/sources/Source.java com/mapbox/maps/plugin/locationcomponent/t.java com/usebutton/merchant/ButtonApilImpl.java com/usebutton/merchant/ButtonInternalImpl.java com/usebutton/merchant/ButtonRepositoryImpl.java com/usebutton/merchant/ButtonUtil.java com/usebutton/merchant/ConnectionManagerImpl.java com/usebutton/merchant/Event.java d3/f.java e2/b.java e6/a.java e7/a.java es/a.java f/g.java f3/b.java f6/d.java f6/e.java g2/j.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
2	<a href="#"><u>The App logs information. Sensitive information should never be logged.</u></a>	info	CWE: CWE-532: Insertion of Sensitive Information into Log File OWASP MASVS: MSTG-STORAGE-3	g5/a.java g5/e.java g9/f.java  g9/g2.java g9/q1.java gb/e.java h5/c0.java h5/e.java i/h.java i1/j0.java i2/a.java i6/a.java i9/g2.java i9/q3.java i9/w0.java io/bitdrift/capture/providers/MetadataProvider.java io/branch/referral/Branch.java io/branch/referral/BranchJsonConfig.java io/branch/referral/k.java io/branch/referral/q.java io/sentry/android/core/r.java io/sentry/android/core/s.java io/sentry/android/replay/ReplayIntegration.java io/sentry/android/replay/WindowManagerSpy.java io/sentry/l4.java j4/c.java j4/g.java j6/d.java k3/b.java k5/b.java k6/h.java k6/i.java l4/j.java l6/d.java l6/e.java l6/h.java l7/b.java m2/d.java m2/e.java m2/j.java m2/o.java m2/y.java m6/a.java m8/b.java m8/c.java m8/e.java

NO	ISSUE	SEVERITY	STANDARDS	m8/h.java <del>F1/E5</del> sava m8/s.java
				m8/t.java m8/u.java m8/v.java m8/w.java m8/x.java m8/y.java me/lyft/android/PolarisApplication.java me/lyft/android/helpers/UnlockBikeMethodHelperImpl.java me/lyft/android/ui/favorites/FavoritesFragment.java me/lyft/android/ui/menu/RideDetailFragment.java me/lyft/android/ui/qrscanner/QrScannerActivity.java n/f.java n2/a.java n6/c.java n6/f.java n6/v.java n6/w.java n7/h.java n9/a.java o7/i.java p/c0.java p/f1.java p/j.java p/l0.java p/n0.java p/r0.java p/t0.java p/x.java p2/f.java p2/k.java p3/a.java p6/f.java p9/a.java pb/q.java q2/f.java q2/h.java q2/i.java q2/j.java q2/k.java q2/m.java q2/n.java q2/p.java

NO	ISSUE	SEVERITY	STANDARDS	<b>FILES</b> q6/b.java q6/a.java q6/m.java
				q6/o.java q6/s.java q6/x.java q9/a.java qb/a0.java qb/c0.java qb/d0.java qb/l0.java qb/w.java qb/y.java qb/z.java qc/a.java r8/a.java r9/c.java rx/plugins/RxJavaHooks.java s1/a.java sa/a.java siftscience/android/AppStateCollector.java siftscience/android/DevicePropertiesCollector.java siftscience/android/Sift.java siftscience/android/SiftImpl.java siftscience/android/TaskManager.java siftscience/android/Uploader.java t8/a.java tb/l.java u6/a.java u6/i.java u8/a.java u9/g.java ua/f.java v2/f.java v2/j.java v4/a.java v8/k.java v8/l.java w2/d.java w4/a.java w6/p.java wc/d.java xc/k.java xq/f.java yc/a.java z8/d.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
3	<a href="#">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.</a>	warning	CWE: CWE-89: Improper Neutralization of Special Elements used in an SQL Command ('SQL Injection') OWASP Top 10: M7: Client Code Quality	i9/f8.java i9/j.java i9/o.java i9/u0.java t7/h.java t7/j.java t7/k.java t7/l.java t7/m.java t7/n.java tb/o.java
4	<a href="#">App can read/write to External Storage. Any App can read data written to External Storage.</a>	warning	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	io/sentry/android/core/v0.java me/lyft/android/utils/PickImageUtils.java
5	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	me/lyft/android/utils/PickImageUtils.java
6	App can write to App Directory. Sensitive Information should be encrypted.	info	CWE: CWE-276: Incorrect Default Permissions OWASP MASVS: MSTG-STORAGE-14	com/lyft/android/panel/ui/g.java
7	<a href="#">The App uses an insecure Random Number Generator.</a>	warning	CWE: CWE-330: Use of Insufficiently Random Values OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-6	com/lexisnexisrisk/threatmetrix/tmxprofiling/fyyffyy.java com/mapbox/common/module/okhttp/WssBackend.java ec/f.java i9/y7.java lt/a.java lt/b.java me/lyft/android/dagger/SkabbardAppComponent.java mt/a.java wb/a.java wc/n.java wc/o.java
8	<a href="#">This App may have root detection capabilities.</a>	secure	OWASP MASVS: MSTG-RESILIENCE-1	cb/f.java io/sentry/android/core/internal/util/n.java io/sentry/android/core/v0.java siftscience/android/DevicePropertiesCollector.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
9	<a href="#">This App may request root (Super User) privileges.</a>	warning	CWE: CWE-250: Execution with Unnecessary Privileges OWASP MASVS: MSTG-RESILIENCE-1	io/sentry/android/core/internal/util/n.java siftscience/android/DevicePropertiesCollector.java
10	<a href="#">SHA-1 is a weak hash known to have hash collisions.</a>	warning	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	com/lexisnexisrisk/threatmetrix/tmxprofiling/eebebb.java com/lexisnexisrisk/threatmetrix/tmxprofiling/fyyyyyf.java io/sentry/SentryOptions.java qc/a.java v8/a.java zb/k.java
11	<a href="#">MD5 is a weak hash known to have hash collisions.</a>	warning	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	a6/c.java com/lexisnexisrisk/threatmetrix/tmxprofiling/eebebb.java i9/y7.java

# FLAG SHARED LIBRARY BINARY ANALYSIS

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
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NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
1	arm64-v8a/libandroidx.graphics.path.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	False <a href="#">warning</a> The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
2	arm64-v8a/libc++_shared.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	False <a href="#">high</a> This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have runtime search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	False <a href="#">warning</a> The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
3	arm64-v8a/libcapture.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	False <a href="#">high</a> This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have runtime search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	False <a href="#">warning</a> The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
4	arm64-v8a/libmapbox-common.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__memcpy_chk', '__strlen_chk', '__vsnprintf_chk', '__memset_chk', '__read_chk', '__strchr_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
5	arm64-v8a/libmapbox-maps.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__memcpy_chk', '__strlen_chk', '__vsnprintf_chk', '__strncpy_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
6	arm64-v8a/libssentry-android.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__vsnprintf_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
7	arm64-v8a/libssentry.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__vsnprintf_chk', '__read_chk', '__memmove_chk', '__strncpy_chk', '__strlen_chk', '__memcpy_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
8	arm64-v8a/libtensorflowlite_jni.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__vsnprintf_chk', '__read_chk', '__strlen_chk', '__memmove_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
9	arm64-v8a/libTMXProfiling-7.5-59-jni.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have runtime search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__strlen_chk', '__strcpy_chk', '__vsnprintf_chk', '__memcpy_chk', '__memmove_chk', '__memset_chk', '__strchr_chk', '__fgets_chk', '__read_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
10	armeabi-v7a/libandroidx.graphics.path.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	False <a href="#">warning</a> The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
11	armeabi-v7a/libc++_shared.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	False <a href="#">high</a> This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have runtime search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	False <a href="#">warning</a> The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
12	armeabi-v7a/libcapture.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	False <a href="#">high</a> This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have runtime search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	False <a href="#">warning</a> The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
13	armeabi-v7a/libmapbox-common.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__memcpy_chk', '__strlen_chk', '__vsnprintf_chk', '__memset_chk', '__read_chk', '__strchr_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
14	armeabi-v7a/libmapbox-maps.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__memcpy_chk', '__strlen_chk', '__vsnprintf_chk', '__strncpy_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
15	armeabi-v7a/libssentry-android.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__vsnprintf_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
16	armeabi-v7a/libssentry.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__vsnprintf_chk', '__read_chk', '__memmove_chk', '__strncpy_chk', '__strlen_chk', '__memcpy_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
17	armeabi-v7a/libtensorflowlite_jni.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__vsnprintf_chk', '__strlen_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
18	armeabi-v7a/libTMXProfiling-7.5-59-jni.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__strlen_chk', '__vsnprintf_chk', '__memcpy_chk', '__memmove_chk', '__memset_chk', '__strchr_chk', '__fgets_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
19	x86/libandroidx.graphics.path.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	False <a href="#">warning</a> The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
20	x86/libc++_shared.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	False <a href="#">high</a> This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have runtime search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	False <a href="#">warning</a> The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
21	x86/libcapture.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	False <a href="#">high</a> This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	False <a href="#">warning</a> The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
22	x86/libmapbox-common.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__memcpy_chk', '__strlen_chk', '__vsnprintf_chk', '__memset_chk', '__read_chk', '__strchr_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
23	x86/libmapbox-maps.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__memcpy_chk', '__strlen_chk', '__vsnprintf_chk', '__strncpy_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
24	x86/libssentry-android.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__vsnprintf_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
25	x86/libssentry.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__vsnprintf_chk', '__read_chk', '__memmove_chk', '__strncpy_chk', '__strlen_chk', '__memcpy_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
26	x86/libtensorflowlite_jni.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__vsnprintf_chk', '__strlen_chk', '__memmove_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
27	x86/libTMXProfiling-7.5-59-jni.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have runtime search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__strlen_chk', '__vsnprintf_chk', '__memcpy_chk', '__memmove_chk', '__memset_chk', '__strchr_chk', '__fgets_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
28	x86_64/libandroidx.graphics.path.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	False <a href="#">warning</a> The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
29	x86_64/libc++_shared.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	False <a href="#">high</a> This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have runtime search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	False <a href="#">warning</a> The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
30	x86_64/libcapture.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	False <a href="#">high</a> This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have runtime search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	False <a href="#">warning</a> The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
31	x86_64/libmapbox-common.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__memcpy_chk', '__strlen_chk', '__vsnprintf_chk', '__memset_chk', '__read_chk', '__strchr_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
32	x86_64/libmapbox-maps.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__memcpy_chk', '__strlen_chk', '__vsnprintf_chk', '__strncpy_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
33	x86_64/libssentry-android.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__vsnprintf_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
34	x86_64/libssentry.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__vsnprintf_chk', '__read_chk', '__memmove_chk', '__strncpy_chk', '__strlen_chk', '__memcpy_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
35	x86_64/libtensorflowlite_jni.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have run-time search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__vsnprintf_chk', '__read_chk', '__strlen_chk', '__memmove_chk']	True <a href="#">info</a> Symbols are stripped.

NO	SHARED OBJECT	NX	PIE	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
36	x86_64/libTMXProfiling-7.5-59-jni.so	True <a href="#">info</a> The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	Dynamic Shared Object (DSO) <a href="#">info</a> The shared object is build with -fPIC flag which enables Position independent code. This makes Return Oriented Programming (ROP) attacks much more difficult to execute reliably.	True <a href="#">info</a> This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO <a href="#">info</a> This shared object has full RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In Full RELRO, the entire GOT (.got and .got.plt both) is marked as read-only.	None <a href="#">info</a> The binary does not have runtime search path or RPATH set.	None <a href="#">info</a> The binary does not have RUNPATH set.	True <a href="#">info</a> The binary has the following fortified functions: ['__strlen_chk', '__strcpy_chk', '__vsnprintf_chk', '__memcpy_chk', '__memmove_chk', '__memset_chk', '__strchr_chk', '__fgets_chk', '__read_chk']	True <a href="#">info</a> Symbols are stripped.

## NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION
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## BEHAVIOUR ANALYSIS

RULE ID	BEHAVIOUR	LABEL	FILES
00022	Open a file from given absolute path of the file	file	a6/d.java com/lyft/android/camera/unidirectional/plugin/service/Camera2Service.java com/mapbox/common/CoreInitializer.java io/sentry/SentryOptions.java io/sentry/android/core/AnrV2Integration.java io/sentry/android/core/k1.java io/sentry/android/core/v.java io/sentry/android/core/v0.java io/sentry/android/replay/ReplayCache.java io/sentry/android/replay/capture/BufferCaptureStrategy.java io/sentry/android/replay/capture/l.java io/sentry/cache/c.java io/sentry/cache/e.java io/sentry/l3.java io/sentry/s2.java io/sentry/u2.java io/sentry/w.java lk/d.java me/lyft/android/controllers/FileControllerImpl.java me/lyft/android/utils/OomExceptionHandler.java me/lyft/android/utils/PickImageUtils.java q5/h.java q5/q.java

RULE ID	BEHAVIOUR	LABEL	FILES
00013	Read file and put it into a stream	file	a6/d.java com/airbnb/lottie/compose/h.java com/bumptech/glide/load/resource.bitmap/b.java com/lexisnexisrisk/threatmetrix/tmxprofiling/eebebeb.java com/lexisnexisrisk/threatmetrix/tmxprofiling/uuiuuu.java com/mapbox/common/PlatformStreamFactoryKt.java e6/a.java e6/b.java io/sentry/android/core/SentryPerformanceProvider.java io/sentry/android/replay/ReplayCache.java io/sentry/cache/b.java io/sentry/cache/c.java io/sentry/cache/e.java io/sentry/s2.java io/sentry/u2.java io/sentry/util/b.java io/sentry/w.java lk/c.java m2/e.java me/lyft/android/controllers/FileControllerImpl.java n6/h.java okio/Okio.java org/joda/time/tz/e.java p3/a.java q2/i.java q2/j.java q2/p.java q5/h.java xc/e.java z4/c.java
00012	Read data and put it into a buffer stream	file	io/sentry/cache/b.java io/sentry/cache/e.java io/sentry/s2.java io/sentry/util/b.java io/sentry/w.java p3/a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00096	Connect to a URL and set request method	command network	a6/b.java com/lyft/auth/g.java com/usebutton/merchant/ConnectionManagerImpl.java io/branch/referral/BranchViewHandler.java io/sentry/transport/d.java siftscience/android/Uploader.java
00089	Connect to a URL and receive input stream from the server	command network	com/bumptech/glide/load/data/j.java com/lyft/auth/g.java com/usebutton/merchant/ConnectionManagerImpl.java io/branch/referral/BranchViewHandler.java io/sentry/transport/d.java siftscience/android/Uploader.java
00109	Connect to a URL and get the response code	network command	com/bumptech/glide/load/data/j.java com/lyft/auth/g.java com/usebutton/merchant/ConnectionManagerImpl.java io/branch/referral/BranchViewHandler.java io/sentry/transport/d.java j8/e.java siftscience/android/Uploader.java
00184	Set camera preview texture	camera	je/a.java
00183	Get current camera parameters and change the setting.	camera	je/a.java n9/a.java
00182	Open camera.	camera	je/a.java
00078	Get the network operator name	collection telephony	com/lexisnexisrisk/threatmetrix/tmxprofiling/ebeeeee.java com/mapbox/maps/module/telemetry/PhoneState.java io/branch/referral/m.java siftscience/android/DevicePropertiesCollector.java

RULE ID	BEHAVIOUR	LABEL	FILES
00063	Implicit intent(view a web page, make a phone call, etc.)	control	com/lyft/android/browser/widget/ui/WebBrowserView.java com/lyft/android/polaris/hpp/customtabs/services/PolarisCustomTabs.java com/lyft/android/polaris/hpp/customtabs/services/f.java com/lyft/android/rider/lastmile/bff/plugins/actions/handler/sync/e.java com/lyft/android/rider/lastmile/bff/plugins/panelitems/b.java com/usebutton/merchant/ButtonInternalImpl.java es/f.java i9/v4.java i9/y7.java io/branch/referral/Branch.java me/lyft/android/constants/AppConsts.java me/lyft/android/extensions/ExtensionsKt.java me/lyft/android/ui/invites/SocialIntentProvider.java me/lyft/android/ui/main/MainPresenter.java me/lyft/android/ui/takeover/TakeOverPresenter.java me/lyft/android/utils/AndroidUtils.java me/lyft/android/utils/DialogUtils.java me/lyft/android/views/WebViewActivity.java or/h.java
00024	Write file after Base64 decoding	reflection file	q5/q.java
00195	Set the output path of the recorded file	record file	com/lyft/android/camera/unidirectional/plugin/service/Camera2Service.java
00194	Set the audio source (MIC) and recorded file format	record	com/lyft/android/camera/unidirectional/plugin/service/Camera2Service.java
00197	Set the audio encoder and initialize the recorder	record	com/lyft/android/camera/unidirectional/plugin/service/Camera2Service.java
00007	Use absolute path of directory for the output media file path	file	com/lyft/android/camera/unidirectional/plugin/service/Camera2Service.java
00196	Set the recorded file format and output path	record file	com/lyft/android/camera/unidirectional/plugin/service/Camera2Service.java

RULE ID	BEHAVIOUR	LABEL	FILES
00030	Connect to the remote server through the given URL	network	a6/b.java com/bumptech/glide/load/data/j.java io/branch/referral/BranchViewHandler.java io/sentry/transport/d.java siftscience/android/Uploader.java
00029	Initialize class object dynamically	reflection	com/mapbox/common/module/provider/MapboxModuleProvider.java
00157	Instantiate new object using reflection, possibly used for dexClassLoader	reflection dexClassLoader	com/mapbox/common/module/provider/MapboxModuleProvider.java
00046	Method reflection	reflection	com/lyft/protocgenlyftandroid/androidnetworkinterfaces/adapter/ReflectiveTypeAdapter.java com/mapbox/common/module/provider/MapboxModuleProvider.java
00026	Method reflection	reflection	com/mapbox/common/module/provider/MapboxModuleProvider.java
00056	Modify voice volume	control	gp/c.java
00042	Query WiFi BSSID and scan results	collection wifi	com/lexisnexisrisk/threatmetrix/tmxprofiling/ebbebbe.java
00130	Get the current WIFI information	wifi collection	com/lexisnexisrisk/threatmetrix/tmxprofiling/ebbebbe.java
00123	Save the response to JSON after connecting to the remote server	network command	io/branch/referral/BranchViewHandler.java
00094	Connect to a URL and read data from it	command network	io/branch/referral/BranchViewHandler.java siftscience/android/Uploader.java
00108	Read the input stream from given URL	network command	i9/a5.java i9/d1.java io/branch/referral/BranchViewHandler.java siftscience/android/Uploader.java

RULE ID	BEHAVIOUR	LABEL	FILES
00091	Retrieve data from broadcast	collection	i9/v4.java io/branch/referral/Branch.java me/lyft/android/ui/planride/mvp/PlanRidePresenter.java
00079	Hide the current app's icon	evasion	i/h.java
00147	Get the time of current location	collection location	i/h.java
00075	Get location of the device	collection location	i/h.java
00115	Get last known location of the device	collection location	com/lexisnexisrisk/threatmetrix/tmxprofiling/ebebbb.java i/h.java
00159	Use accessibility service to perform action getting node info by text	accessibility service	me/lyft/android/controls/CustomPicker.java
00051	Implicit intent(view a web page, make a phone call, etc.) via setData	control	com/lyft/android/rider/lastmile/bff/plugins/actions/handler-sync/e.java io/branch/referral/Branch.java me/lyft/android/extensions/ExtensionsKt.java me/lyft/android/utils/AndroidUtils.java or/h.java
00031	Check the list of currently running applications	reflection collection	com/mapbox/common/LifecycleUtils.java
00036	Get resource file from res/raw directory	reflection	com/mapbox/maps/plugin/f.java io/branch/referral/Branch.java me/lyft/android/utils/AndroidUtils.java p/r0.java
00065	Get the country code of the SIM card provider	collection	com/lexisnexisrisk/threatmetrix/tmxprofiling/ebeeee.java siftscience/android/DevicePropertiesCollector.java
00004	Get filename and put it to JSON object	file collection	com/lexisnexisrisk/threatmetrix/tmxprofiling/ebeeee.java me/lyft/android/PolarisApplication.java

RULE ID	BEHAVIOUR	LABEL	FILES
00137	Get last known location of the device	location collection	com/lexisnexisrisk/threatmetrix/tmxprofiling/ebebbb.java
00034	Query the current data network type	collection network	com/mapbox/common/TelemetrySystemUtils.java
00125	Check if the given file path exist	file	me/lyft/android/extensions/ExtensionsKt.java n2/a.java
00131	Get location of the current GSM and put it into JSON	collection location	com/lexisnexisrisk/threatmetrix/tmxprofiling/ebeeee.java
00085	Get the ISO country code and put it into JSON	collection telephony	com/lexisnexisrisk/threatmetrix/tmxprofiling/ebeeee.java
00099	Get location of the current GSM and put it into JSON	collection location	com/lexisnexisrisk/threatmetrix/tmxprofiling/ebeeee.java
00016	Get location info of the device and put it to JSON object	location collection	com/lexisnexisrisk/threatmetrix/tmxprofiling/ebeeee.java
00132	Query The ISO country code	telephony collection	com/lexisnexisrisk/threatmetrix/tmxprofiling/ebeeee.java
00077	Read sensitive data(SMS, CALLLOG, etc)	collection sms callog calendar	i6/a.java
00112	Get the date of the calendar event	collection calendar	io/sentry/j.java
00121	Create a directory	file command	n2/a.java
00003	Put the compressed bitmap data into JSON object	camera	io/branch/referral/network/a.java
00009	Put data in cursor to JSON object	file	i9/k2.java
00191	Get messages in the SMS inbox	sms	p/r0.java

 FIREBASE DATABASES ANALYSIS

Title	Severity	Description
App talks to a Firebase database	info	The app talks to Firebase database at <a href="https://montreal-production.firebaseio.com">https://montreal-production.firebaseio.com</a>
Firebase Remote Config enabled	warning	The Firebase Remote Config at <a href="https://firebaseremoteconfig.googleapis.com/v1/projects/532883359162/namespaces.firebaseio:fetch?key=AlzaSyAqGMDEe0AfLsnglhlfzqm-UHqAk_lXcA">https://firebaseremoteconfig.googleapis.com/v1/projects/532883359162/namespaces.firebaseio:fetch?key=AlzaSyAqGMDEe0AfLsnglhlfzqm-UHqAk_lXcA</a> is enabled. Ensure that the configurations are not sensitive. This is indicated by the response: { 'entries': { 'ActiveOrganicTakeovers': '', 'AppMinBuildAndroid': '1730248164', 'AppMinBuildIOS': '236523134', 'AppMinVersionIOS': '2024.46', 'BFFInRidePanel': 'true', 'BikeAngelURL': 'https://bixi.com/en/ami-bixi/', 'ChargingHubsEnabled': 'true', 'DefaultCoordinate': { "Latitude": 45.504572, "Longitude": -73.565483 }, 'EbikeChargingLevel': 'true', 'FeatureMinimumBuild': 'true', 'GroupRideProductId': '112', 'HelpURL': 'https://support.bixi.com/hc/en-ca', 'HttpWebsite': 'https://bixi.com/en/how-to-use-the-bixi-service/', 'LiabilityWaiverURL': 'https://s3.amazonaws.com/bixi-assets/liability-waiver.html', 'MapBounds': { "north": 45.8515924, "east": -71.4887945, "south": 45.0054225, "west": -74.468836 }, 'MapDataFetchIntervalSeconds': '10', 'MenuSponsorshipBanner': '\n "imageURL": { \n "en": "https://storage.googleapis.com/v0/b/montreal-production.appspot.com/o/public-assets%2FRachelleBery_202509_ProfileBanner_EN.jpg?alt=media",\n "fr": "https://storage.googleapis.com/v0/b/montreal-production.appspot.com/o/public-assets%2FRachelleBery_202509_ProfileBanner_FR.jpg?alt=media",\n "es": "https://storage.googleapis.com/v0/b/montreal-production.appspot.com/o/public-assets%2FRachelleBery_202509_ProfileBanner_FR.jpg?alt=media"\n },\n "linkOutURL": { \n "en": "https://www.rachellebery.ca/en/about-us/our-partners/bixi-montreal/",\n "fr": "https://www.rachellebery.ca/fr/a-propos/nos-collaborations/bixi-montreal/",\n "es": "https://www.rachellebery.ca/fr/a-propos/nos-collaborations/bixi-montreal/"\n },\n "contentDescription": { \n "en": "RachelleBerry x BIXI 2025",\n "fr": "RachelleBerry x BIXI 2025",\n "es": "RachelleBerry x BIXI 2025"\n },\n "OpenRentalSetup": { "timeout": 70, "interval": 5 },\n "PrivacyPolicyUrl": 'https://bixi.com/en/mobile-app-terms',\n 'QRToUnlockZones': '[{"id": "mtl", "north": 90, "south": -90, "west": -180, "east": 180},\n "introductionTitle": {"en": "A better way to unlock", "es": "Nueva forma de desbloquear", "fr": "Nouvelle manière de déverrouiller"},\n "introductionBody": {"en": "Scan the QR code located between the handlebars to start riding!", "es": "Puedes desbloquear bicis con códigos QR que está entre los manillares", "fr": "Vous pouvez maintenant déverrouiller les vélos en utilisant un code QR."}],\n 'QrToUnlockEnabled': 'true',\n 'RentalAgreementURL': 'https://s3.amazonaws.com/bixi-assets/rental-agreement.html',\n 'ReportFormURL': '',\n 'RideCodeActiveKeyTest': 'false',\n 'RideCodeRequestStationDistance': '100',\n 'ShowRegistrationButtonInMenu': 'true',\n 'bffRideMutationUnlockEnabled': 'true',\n 'bikeAngelsEnabled': 'false',\n 'isRecaptchaEnabled': 'true',\n 'jsEnabledTermsAndConditions': 'true',\n 'lusPolarisMonorepoAnalyticsBlockedAnalytics': ["stream_subscribe", "stream_unsubscribe"],\n 'pyCardScanLabels': 'background,0,1,2,3,4,5,6,7,8,9,/card,moire',\n 'pyCardScanModelVersion': '2171ce5e7ff57ef8cb1cf73258a84f9d',\n 'recaptchaEndpoints': [{"url": "/v1/lbsbff/polaris/api/login/2fa", "action": "login"},\n {"url": "/v1/lbsbff/polaris/api/signup/email/request-code", "action": "signupRequestCode"},\n {"url": "/v1/lbsbff/polaris/api/signup/email/verify", "action": "signupValidateCode"},\n {"url": "/mobile/v1/*/signup", "action": "signup"},\n {"url": "/v1/*/account/billing", "action": "updateBillingInfo"}],\n 'roundUpRideHistory': 'true',\n 'sentryEnabled': 'true'},\n 'state': 'UPDATE',\n 'templateVersion': '303'}

::: ABUSED PERMISSIONS

Type	Matches	Permissions
Malware Permissions	8/25	android.permission.VIBRATE, android.permission.INTERNET, android.permission.WAKE_LOCK, android.permission.ACCESS_NETWORK_STATE, android.permission.CAMERA, android.permission.ACCESS_COARSE_LOCATION, android.permission.ACCESS_FINE_LOCATION, android.permission.WRITE_EXTERNAL_STORAGE
Other Common Permissions	3/44	com.google.android.c2dm.permission.RECEIVE, com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE, com.google.android.gms.permission.AD_ID

#### 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
www.googleadservices.com	ok	<b>IP:</b> 142.250.69.98 <b>Country:</b> United States of America <b>Region:</b> California <b>City:</b> Mountain View <b>Latitude:</b> 37.405991 <b>Longitude:</b> -122.078514 <b>View:</b> <a href="#">Google Map</a>

DOMAIN	STATUS	GEOLOCATION
s3.amazonaws.com	ok	<b>IP:</b> 54.231.196.176 <b>Country:</b> Germany <b>Region:</b> Hessen <b>City:</b> Frankfurt am Main <b>Latitude:</b> 50.115520 <b>Longitude:</b> 8.684170 <b>View:</b> <a href="#">Google Map</a>
docs.sentry.io	ok	<b>IP:</b> 76.76.21.93 <b>Country:</b> United States of America <b>Region:</b> California <b>City:</b> Walnut <b>Latitude:</b> 34.015400 <b>Longitude:</b> -117.858223 <b>View:</b> <a href="#">Google Map</a>
docs.mapbox.com	ok	<b>IP:</b> 54.192.51.72 <b>Country:</b> United States of America <b>Region:</b> New York <b>City:</b> New York City <b>Latitude:</b> 40.714272 <b>Longitude:</b> -74.005966 <b>View:</b> <a href="#">Google Map</a>
google.com	ok	<b>IP:</b> 142.250.69.46 <b>Country:</b> United States of America <b>Region:</b> California <b>City:</b> Mountain View <b>Latitude:</b> 37.405991 <b>Longitude:</b> -122.078514 <b>View:</b> <a href="#">Google Map</a>
ns.adobe.com	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
apps.mapbox.com	ok	<b>IP:</b> 54.192.51.58 <b>Country:</b> United States of America <b>Region:</b> New York <b>City:</b> New York City <b>Latitude:</b> 40.714272 <b>Longitude:</b> -74.005966 <b>View:</b> <a href="#">Google Map</a>
api.mapbox.com	ok	<b>IP:</b> 3.161.213.58 <b>Country:</b> United States of America <b>Region:</b> Washington <b>City:</b> Seattle <b>Latitude:</b> 47.627499 <b>Longitude:</b> -122.346199 <b>View:</b> <a href="#">Google Map</a>
10.0.2.2	ok	<b>IP:</b> 10.0.2.2 <b>Country:</b> - <b>Region:</b> - <b>City:</b> - <b>Latitude:</b> 0.000000 <b>Longitude:</b> 0.000000 <b>View:</b> <a href="#">Google Map</a>
accounts.google.com	ok	<b>IP:</b> 142.251.163.84 <b>Country:</b> United States of America <b>Region:</b> California <b>City:</b> Mountain View <b>Latitude:</b> 37.405991 <b>Longitude:</b> -122.078514 <b>View:</b> <a href="#">Google Map</a>
lft.to	ok	<b>IP:</b> 67.199.248.13 <b>Country:</b> United States of America <b>Region:</b> New York <b>City:</b> New York City <b>Latitude:</b> 40.739288 <b>Longitude:</b> -73.984955 <b>View:</b> <a href="#">Google Map</a>

DOMAIN	STATUS	GEOLOCATION
www.google.com	ok	<b>IP:</b> 142.250.69.68 <b>Country:</b> United States of America <b>Region:</b> California <b>City:</b> Mountain View <b>Latitude:</b> 37.405991 <b>Longitude:</b> -122.078514 <b>View:</b> <a href="#">Google Map</a>
cdn.lyft.net	ok	<b>IP:</b> 54.192.51.76 <b>Country:</b> United States of America <b>Region:</b> New York <b>City:</b> New York City <b>Latitude:</b> 40.714272 <b>Longitude:</b> -74.005966 <b>View:</b> <a href="#">Google Map</a>
play.google.com	ok	<b>IP:</b> 142.250.69.46 <b>Country:</b> United States of America <b>Region:</b> California <b>City:</b> Mountain View <b>Latitude:</b> 37.405991 <b>Longitude:</b> -122.078514 <b>View:</b> <a href="#">Google Map</a>
www.lyft.com	ok	<b>IP:</b> 54.192.51.31 <b>Country:</b> United States of America <b>Region:</b> New York <b>City:</b> New York City <b>Latitude:</b> 40.714272 <b>Longitude:</b> -74.005966 <b>View:</b> <a href="#">Google Map</a>
montreal-production.firebaseio.com	ok	<b>IP:</b> 35.190.39.113 <b>Country:</b> United States of America <b>Region:</b> Missouri <b>City:</b> Kansas City <b>Latitude:</b> 39.099731 <b>Longitude:</b> -94.578568 <b>View:</b> <a href="#">Google Map</a>

DOMAIN	STATUS	GEOLOCATION
cloudfront-staging.tilestream.net	ok	<b>IP:</b> 54.192.51.42 <b>Country:</b> United States of America <b>Region:</b> New York <b>City:</b> New York City <b>Latitude:</b> 40.714272 <b>Longitude:</b> -74.005966 <b>View:</b> <a href="#">Google Map</a>
config.mapbox.com	ok	<b>IP:</b> 3.214.250.191 <b>Country:</b> United States of America <b>Region:</b> Virginia <b>City:</b> Ashburn <b>Latitude:</b> 39.043720 <b>Longitude:</b> -77.487488 <b>View:</b> <a href="#">Google Map</a>
api2.branch.io	ok	<b>IP:</b> 3.161.213.39 <b>Country:</b> United States of America <b>Region:</b> Washington <b>City:</b> Seattle <b>Latitude:</b> 47.627499 <b>Longitude:</b> -122.346199 <b>View:</b> <a href="#">Google Map</a>
docs.rs	ok	<b>IP:</b> 3.162.3.120 <b>Country:</b> United States of America <b>Region:</b> Washington <b>City:</b> Seattle <b>Latitude:</b> 47.627499 <b>Longitude:</b> -122.346199 <b>View:</b> <a href="#">Google Map</a>
firebase.google.com	ok	<b>IP:</b> 142.250.69.110 <b>Country:</b> United States of America <b>Region:</b> California <b>City:</b> Mountain View <b>Latitude:</b> 37.405991 <b>Longitude:</b> -122.078514 <b>View:</b> <a href="#">Google Map</a>

DOMAIN	STATUS	GEOLOCATION
www.mapbox.com	ok	<b>IP:</b> 151.101.136.143 <b>Country:</b> United States of America <b>Region:</b> California <b>City:</b> San Francisco <b>Latitude:</b> 37.775700 <b>Longitude:</b> -122.395203 <b>View:</b> <a href="#">Google Map</a>
github.com	ok	<b>IP:</b> 140.82.114.3 <b>Country:</b> United States of America <b>Region:</b> California <b>City:</b> San Francisco <b>Latitude:</b> 37.775700 <b>Longitude:</b> -122.395203 <b>View:</b> <a href="#">Google Map</a>
api.lyft.com	ok	<b>IP:</b> 3.162.3.57 <b>Country:</b> United States of America <b>Region:</b> Washington <b>City:</b> Seattle <b>Latitude:</b> 47.627499 <b>Longitude:</b> -122.346199 <b>View:</b> <a href="#">Google Map</a>
mobileapi.usebutton.com	ok	<b>IP:</b> 3.134.227.174 <b>Country:</b> United States of America <b>Region:</b> Ohio <b>City:</b> Columbus <b>Latitude:</b> 39.961182 <b>Longitude:</b> -82.998787 <b>View:</b> <a href="#">Google Map</a>
o4507234886615040.ingest.us.sentry.io	ok	<b>IP:</b> 34.120.195.249 <b>Country:</b> United States of America <b>Region:</b> Missouri <b>City:</b> Kansas City <b>Latitude:</b> 39.099731 <b>Longitude:</b> -94.578568 <b>View:</b> <a href="#">Google Map</a>

DOMAIN	STATUS	GEOLOCATION
api3.siftscience.com	ok	<b>IP:</b> 34.8.116.182 <b>Country:</b> United States of America <b>Region:</b> Texas <b>City:</b> Houston <b>Latitude:</b> 29.941401 <b>Longitude:</b> -95.344498 <b>View:</b> <a href="#">Google Map</a>
schemas.android.com	ok	No Geolocation information available.
s.mobileapi.usebutton.com	ok	<b>IP:</b> 3.134.227.174 <b>Country:</b> United States of America <b>Region:</b> Ohio <b>City:</b> Columbus <b>Latitude:</b> 39.961182 <b>Longitude:</b> -82.998787 <b>View:</b> <a href="#">Google Map</a>
app.usebutton.com	ok	<b>IP:</b> 54.71.111.2 <b>Country:</b> United States of America <b>Region:</b> Oregon <b>City:</b> Portland <b>Latitude:</b> 45.523449 <b>Longitude:</b> -122.676208 <b>View:</b> <a href="#">Google Map</a>
account.lyft.com	ok	<b>IP:</b> 54.192.51.114 <b>Country:</b> United States of America <b>Region:</b> New York <b>City:</b> New York City <b>Latitude:</b> 40.714272 <b>Longitude:</b> -74.005966 <b>View:</b> <a href="#">Google Map</a>

DOMAIN	STATUS	GEOLOCATION
www.tensorflow.org	ok	<b>IP:</b> 142.250.69.110 <b>Country:</b> United States of America <b>Region:</b> California <b>City:</b> Mountain View <b>Latitude:</b> 37.405991 <b>Longitude:</b> -122.078514 <b>View:</b> <a href="#">Google Map</a>
www.winimage.com	ok	<b>IP:</b> 95.134.100.159 <b>Country:</b> Ukraine <b>Region:</b> Kirovohradska oblast <b>City:</b> Pomichna <b>Latitude:</b> 48.242222 <b>Longitude:</b> 31.415831 <b>View:</b> <a href="#">Google Map</a>
api-events-config-staging.tilestream.net	ok	<b>IP:</b> 54.92.226.151 <b>Country:</b> United States of America <b>Region:</b> Virginia <b>City:</b> Ashburn <b>Latitude:</b> 39.043720 <b>Longitude:</b> -77.487488 <b>View:</b> <a href="#">Google Map</a>
cdn.branch.io	ok	<b>IP:</b> 3.161.213.114 <b>Country:</b> United States of America <b>Region:</b> Washington <b>City:</b> Seattle <b>Latitude:</b> 47.627499 <b>Longitude:</b> -122.346199 <b>View:</b> <a href="#">Google Map</a>
blog.lyft.com	ok	<b>IP:</b> 52.54.211.120 <b>Country:</b> United States of America <b>Region:</b> Virginia <b>City:</b> Ashburn <b>Latitude:</b> 39.043720 <b>Longitude:</b> -77.487488 <b>View:</b> <a href="#">Google Map</a>

DOMAIN	STATUS	GEOLOCATION
events.mapbox.com	ok	<b>IP:</b> 3.221.195.116 <b>Country:</b> United States of America <b>Region:</b> Virginia <b>City:</b> Ashburn <b>Latitude:</b> 39.043720 <b>Longitude:</b> -77.487488 View: <a href="#">Google Map</a>
help.lyft.com	ok	<b>IP:</b> 54.192.51.101 <b>Country:</b> United States of America <b>Region:</b> New York <b>City:</b> New York City <b>Latitude:</b> 40.714272 <b>Longitude:</b> -74.005966 View: <a href="#">Google Map</a>
app-measurement.com	ok	<b>IP:</b> 142.250.69.46 <b>Country:</b> United States of America <b>Region:</b> California <b>City:</b> Mountain View <b>Latitude:</b> 37.405991 <b>Longitude:</b> -122.078514 View: <a href="#">Google Map</a>
layer.bicyclesharing.net	ok	<b>IP:</b> 100.28.53.15 <b>Country:</b> United States of America <b>Region:</b> Virginia <b>City:</b> Ashburn <b>Latitude:</b> 39.043720 <b>Longitude:</b> -77.487488 View: <a href="#">Google Map</a>
api-events-staging.tilestream.net	ok	<b>IP:</b> 100.27.117.62 <b>Country:</b> United States of America <b>Region:</b> Virginia <b>City:</b> Ashburn <b>Latitude:</b> 39.043720 <b>Longitude:</b> -77.487488 View: <a href="#">Google Map</a>

DOMAIN	STATUS	GEOLOCATION
goo.gl	ok	<b>IP:</b> 142.250.69.110 <b>Country:</b> United States of America <b>Region:</b> California <b>City:</b> Mountain View <b>Latitude:</b> 37.405991 <b>Longitude:</b> -122.078514 <b>View:</b> <a href="#">Google Map</a>
lyft.com	ok	<b>IP:</b> 54.192.51.101 <b>Country:</b> United States of America <b>Region:</b> New York <b>City:</b> New York City <b>Latitude:</b> 40.714272 <b>Longitude:</b> -74.005966 <b>View:</b> <a href="#">Google Map</a>

## EMAILS

EMAIL	FILE
-dark@2x.png -dark@3x.png	vh/m.java
366547c14f0d186fd650@o4507234886615040.ingest	me/lyft/android/PolarisApplication.java
appro@openssl.org	apktool_out/lib/arm64-v8a/libTMXProfiling-7.5-59-jni.so
appro@openssl.org	apktool_out/lib/x86_64/libTMXProfiling-7.5-59-jni.so

## TRACKERS

TRACKER	CATEGORIES	URL
Branch	Analytics	<a href="https://reports.exodus-privacy.eu.org/trackers/167">https://reports.exodus-privacy.eu.org/trackers/167</a>
Google Firebase Analytics	Analytics	<a href="https://reports.exodus-privacy.eu.org/trackers/49">https://reports.exodus-privacy.eu.org/trackers/49</a>
Sentry	Crash reporting	<a href="https://reports.exodus-privacy.eu.org/trackers/447">https://reports.exodus-privacy.eu.org/trackers/447</a>

## 🔑 HARDCODED SECRETS

POSSIBLE SECRETS
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Contraseña"
"mapbox_access_token" : "pk.eyJ1ljoibW90aXZhdGVjbylsImEiOilyMmZiZjgxZDk3ZjFmYmVkJM2RIMjjOThINml4MWQzYSJ9.w4Pt2wTiMPIloStx2czBzw"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Passkey"
"branch_key_live" : "key_live_bftVjsnCMi5JW65w9dxlcbbuyuhmeYWa"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Senha"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Password"
"google_crash_reporting_api_key" : "AlzaSyAqGMDEe0AFdLsnglhlfzqm-UHqAk_lXcA"
"google_api_key" : "AlzaSyAqGMDEe0AFdLsnglhlfzqm-UHqAk_lXcA"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Sarbide-gakoa"
"client_secret" : "R-UBCG-EWwF93eSD_T7zaxt81ajTWRas"
"firebase_database_url" : "https://montreal-production.firebaseio.com"

## POSSIBLE SECRETS

"android.credentials.TYPE\_PASSWORD\_CREDENTIAL" : "Pasahitz"

"branch\_key\_test" : "key\_test\_bfsOVdsmAHk2U306w0yhhbcoCyeob13C"

CGiNgzoyE02Vb26y6BkqGEJ5zCHmZ/Ea+ZhR

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HmeElzU6FU2YZHWu4BswBl1kyT3iaOEG/JNHGBoLmw==

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CGiNgzo2GE+cbGOp/hY4HVx12y0=

AWalgTorHkuYYW6y9h4oEVF12izmZQ==

GH2AjC4gA1eZZXir7RgrBkN52y3gefMX94ZQDBcKiA==

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af60eb711bd85bc1e4d3e0a462e074eea428a8

GGyThiQzH0OYf2Oj9xYwEEpvxy7sZfUG/A==

GWyVkJYrF1qWZnis7BljFFEdjyTLgcPoN/A==

258EAFA5-E914-47DA-95CA-C5AB0DC85B11

ChNjb20uYW5kcm9pZC52ZW5kaW5nCiBjb20uZ29vZ2xI LmFuZHJvaWQuYXBwcy5tZWV0aW5ncwohY29tLmdvb2dsZS5hbmRyb2lkLmFwcHMubWVzc2FnaW5n

## POSSIBLE SECRETS

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D3yRkCwxAFiRaW6y8gM9GkVvxzjvZPEc

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## POSSIBLE SECRETS

expWomenPlusConnectDriverVisibilityM1AutoExpand

11839296a789a3bc0045c8a5fb42c7d1bd998f54449579b446817afbd17273e662c97ee72995ef42640c550b9013fad0761353c7086a272c24088be94769fd16650

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## POSSIBLE SECRETS

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36864200e0eaf5284d884a0e77d31646

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SRQznwSqEierDbkXg2yZTsse5Tb+l4Z4JiS6GvFcIFE=

115792089210356248762697446949407573529996955224135760342422259061068512044369

68647976601306097149819007990813932172694353001433054093944634591855431833976560521225596406614545549772963113914808580371219879997166438125740282  
91115057151

## ► PLAYSTORE INFORMATION

**Title:** BIXI

**Score:** 3.8152175 **Installs:** 100,000+ **Price:** 0 **Android Version:** Support: **Category:** Lifestyle **Play Store URL:** [com.eightd.biximobile](https://play.google.com/store/apps/details?id=com.eightd.biximobile)

**Developer Details:** Lyft, Inc., 6629245766506578153, None, <https://montreal.bixi.com>, info@bixi.com,

**Release Date:** Mar 31, 2016 **Privacy Policy:** [Privacy link](#)

**Description:**

Official mobile application for Montreal metropolitan area's bike share system. It allows users to purchase one-way passes and memberships and to rent a bike. A map of the stations shows, in real time, the number of bikes and docking points available at each station so you can plan your routes. Access your personal space to learn more about your trips and usage statistics.

## ≡ SCAN LOGS

Timestamp	Event	Error
2025-11-12 18:55:22	Generating Hashes	OK
2025-11-12 18:55:22	Extracting APK	OK
2025-11-12 18:55:22	Unzipping	OK
2025-11-12 18:55:27	Parsing APK with androguard	OK
2025-11-12 18:55:28	Extracting APK features using aapt/aapt2	OK
2025-11-12 18:55:29	Getting Hardcoded Certificates/Keystores	OK
2025-11-12 18:55:40	Parsing AndroidManifest.xml	OK
2025-11-12 18:55:40	Extracting Manifest Data	OK
2025-11-12 18:55:40	Manifest Analysis Started	OK

2025-11-12 18:55:40	Reading Network Security config from network_security_config.xml	OK
2025-11-12 18:55:40	Parsing Network Security config	OK
2025-11-12 18:55:41	Performing Static Analysis on: BIXI (com.eightd.biximobile)	OK
2025-11-12 18:55:41	Fetching Details from Play Store: com.eightd.biximobile	OK
2025-11-12 18:55:42	Checking for Malware Permissions	OK
2025-11-12 18:55:42	Fetching icon path	OK
2025-11-12 18:55:42	Library Binary Analysis Started	OK
2025-11-12 18:55:42	Analyzing apktool_out/lib/arm64-v8a/libandroidx.graphics.path.so	OK
2025-11-12 18:55:42	Analyzing apktool_out/lib/arm64-v8a/libc++_shared.so	OK
2025-11-12 18:55:42	Analyzing apktool_out/lib/arm64-v8a/libcapture.so	OK
2025-11-12 18:55:42	Analyzing apktool_out/lib/arm64-v8a/libmapbox-common.so	OK
2025-11-12 18:55:42	Analyzing apktool_out/lib/arm64-v8a/libmapbox-maps.so	OK

2025-11-12 18:55:42	Analyzing apktool_out/lib/arm64-v8a/libsentry-android.so	OK
2025-11-12 18:55:42	Analyzing apktool_out/lib/arm64-v8a/libsentry.so	OK
2025-11-12 18:55:42	Analyzing apktool_out/lib/arm64-v8a/libtensorflowlite_jni.so	OK
2025-11-12 18:55:42	Analyzing apktool_out/lib/arm64-v8a/libTMXProfiling-7.5-59-jni.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/armeabi-v7a/libandroidx.graphics.path.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/armeabi-v7a/libc++_shared.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/armeabi-v7a/libcapture.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/armeabi-v7a/libmapbox-common.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/armeabi-v7a/libmapbox-maps.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/armeabi-v7a/libsentry-android.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/armeabi-v7a/libsentry.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/armeabi-v7a/libtensorflowlite_jni.so	OK

2025-11-12 18:55:43	Analyzing apktool_out/lib/armeabi-v7a/libTMXProfiling-7.5-59-jni.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/x86/libandroidx.graphics.path.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/x86/libc++_shared.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/x86/libcapture.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/x86/libmapbox-common.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/x86/libmapbox-maps.so	OK
2025-11-12 18:55:43	Analyzing apktool_out/lib/x86/libsentry-android.so	OK
2025-11-12 18:55:44	Analyzing apktool_out/lib/x86/libsentry.so	OK
2025-11-12 18:55:44	Analyzing apktool_out/lib/x86/libtensorflowlite_jni.so	OK
2025-11-12 18:55:44	Analyzing apktool_out/lib/x86/libTMXProfiling-7.5-59-jni.so	OK
2025-11-12 18:55:44	Analyzing apktool_out/lib/x86_64/libandroidx.graphics.path.so	OK
2025-11-12 18:55:44	Analyzing apktool_out/lib/x86_64/libc++_shared.so	OK

2025-11-12 18:55:44	Analyzing apktool_out/lib/x86_64/libcapture.so	OK
2025-11-12 18:55:44	Analyzing apktool_out/lib/x86_64/libmapbox-common.so	OK
2025-11-12 18:55:44	Analyzing apktool_out/lib/x86_64/libmapbox-maps.so	OK
2025-11-12 18:55:44	Analyzing apktool_out/lib/x86_64/libsentry-android.so	OK
2025-11-12 18:55:44	Analyzing apktool_out/lib/x86_64/libsentry.so	OK
2025-11-12 18:55:44	Analyzing apktool_out/lib/x86_64/libtensorflowlite_jni.so	OK
2025-11-12 18:55:44	Analyzing apktool_out/lib/x86_64/libTMXProfiling-7.5-59-jni.so	OK
2025-11-12 18:55:46	Reading Code Signing Certificate	OK
2025-11-12 18:55:47	Running APKID 3.0.0	OK
2025-11-12 18:55:57	Detecting Trackers	OK
2025-11-12 18:56:03	Decompiling APK to Java with JADX	OK
2025-11-12 18:58:25	Converting DEX to Smali	OK

2025-11-12 18:58:25	Code Analysis Started on - java_source	OK
2025-11-12 18:58:50	Android SBOM Analysis Completed	OK
2025-11-12 18:59:00	Android SAST Completed	OK
2025-11-12 18:59:00	Android API Analysis Started	OK
2025-11-12 18:59:08	Android API Analysis Completed	OK
2025-11-12 18:59:09	Android Permission Mapping Started	OK
2025-11-12 18:59:16	Android Permission Mapping Completed	OK
2025-11-12 18:59:18	Android Behaviour Analysis Started	OK
2025-11-12 18:59:29	Android Behaviour Analysis Completed	OK
2025-11-12 18:59:29	Extracting Emails and URLs from Source Code	OK
2025-11-12 18:59:41	Email and URL Extraction Completed	OK
2025-11-12 18:59:41	Extracting String data from APK	OK

2025-11-12 18:59:41	Extracting String data from SO	OK
2025-11-12 18:59:42	Extracting String data from Code	OK
2025-11-12 18:59:42	Extracting String values and entropies from Code	OK
2025-11-12 19:01:59	Performing Malware check on extracted domains	OK
2025-11-12 19:02:03	Saving to Database	OK

---

## Report Generated by - MobSF v4.4.3

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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