

#### ANDROID STATIC ANALYSIS REPORT



• SumUp (2.56.7)

File Name:	pay5.apk
Package Name:	com.kaching.merchant
Scan Date:	May 25, 2022, 10:06 a.m.
App Security Score:	44/100 (MEDIUM RISK)
Grade:	
Trackers Detection:	5/428

#### FINDINGS SEVERITY

<b>☆</b> HIGH	▲ MEDIUM	<b>i</b> INFO	✓ SECURE	<b>ℚ</b> HOTSPOT
8	21	4	3	2

#### FILE INFORMATION

File Name: pay5.apk Size: 148.04MB

MD5: bd3aa426ad50a0521caabcd5dd8eeaef

**SHA1**: 4dd34221109b4a585894fd0e2e2b2d18e91d0dfa

SHA256: f19c908904b0865225b10fd6f484c4fefda8e269f87f13629445a6d401c2783d

#### **i** APP INFORMATION

App Name: SumUp

Package Name: com.kaching.merchant

Main Activity: Target SDK: 30 Min SDK: 23 Max SDK:

Android Version Name: 2.56.7

Android Version Code: 221321348

#### **EE** APP COMPONENTS

Activities: 137 Services: 15 Receivers: 7 Providers: 7

Exported Activities: 9
Exported Services: 1
Exported Receivers: 2
Exported Providers: 0

#### **\*** CERTIFICATE INFORMATION

APK is signed v1 signature: True v2 signature: True v3 signature: True

Found 1 unique certificates

Subject: C=IE, ST=Dublin, L=Dublin, O=SumUp Ltd., OU=dev, CN=Android Release Manager

Signature Algorithm: rsassa\_pkcs1v15 Valid From: 2012-08-21 01:09:20+00:00 Valid To: 2037-08-15 01:09:20+00:00

Issuer: C=IE, ST=Dublin, L=Dublin, O=SumUp Ltd., OU=dev, CN=Android Release Manager

Serial Number: 0x5032dfc0 Hash Algorithm: sha1

md5: 3723956c2a69c757bda2f63ed3fec87c

sha1: a6d57c02ee5bf0b774f6d0edeaef6b5632f2168d

sha256: c89bbab858ecefec52aeed24158748fee2a0f78c3307a647ac96756d954eb48d

sha512: 7cd4be282db90b2a6f5b4cfcc408dcf009c78388e11c58d59e1a1923cc86478a42271470dc265ac195895c94f593b5e52ff5e5e5ab2200d7b5f77ac8ffe609ae

PublicKey Algorithm: rsa

Bit Size: 1024

Fingerprint: e85e4b483ac90108865bf91398351a6ed6ef4d68e11c2fd32bf4fe027d10cfd5

TITLE	SEVERITY	DESCRIPTION
Signed Application	info	Application is signed with a code signing certificate
Application vulnerable to Janus Vulnerability	warning	Application is signed with v1 signature scheme, making it vulnerable to Janus vulnerability on Android 5.0-8.0, if signed only with v1 signature scheme. Applications running on Android 5.0-7.0 signed with v1, and v2/v3 scheme is also vulnerable.
Certificate algorithm might be vulnerable to hash collision	warning	Application is signed with SHA1withRSA. SHA1 hash algorithm is known to have collision issues. The manifest file indicates SHA256withRSA is in use.

### **⋮** APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.INTERNET	normal	full Internet access	Allows an application to create network sockets.
android.permission.ACCESS_NETWORK_STATE	normal	view network status	Allows an application to view the status of all networks.
android.permission.BLUETOOTH	normal	create Bluetooth connections	Allows applications to connect to paired bluetooth devices.
android.permission.BLUETOOTH_ADMIN	normal	bluetooth administration	Allows applications to discover and pair bluetooth devices.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.READ_PHONE_STATE	dangerous	read phone state and identity	Allows the application to access the phone features of the device. An application with this permission can determine the phone number and serial number of this phone, whether a call is active, the number that call is connected to and so on.
android.permission.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
android.permission.WRITE_EXTERNAL_STORAGE	dangerous	read/modify/delete external storage contents	Allows an application to write to external storage.
android.permission.RECORD_AUDIO	dangerous	record audio	Allows application to access the audio record path.
android.permission.MODIFY_AUDIO_SETTINGS	normal	change your audio settings	Allows application to modify global audio settings, such as volume and routing.
android.permission.NFC	normal	control Near-Field Communication	Allows an application to communicate with Near-Field Communication (NFC) tags, cards and readers.
android.permission.GET_ACCOUNTS	dangerous	list accounts	Allows access to the list of accounts in the Accounts Service.
com.google.android.providers.gsf.permission.READ_GSERVICES	unknown	Unknown permission	Unknown permission from android reference

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.READ_CONTACTS	dangerous	read contact data	Allows an application to read all of the contact (address) data stored on your phone. Malicious applications can use this to send your data to other people.
android.permission.USE_BIOMETRIC	normal		Allows an app to use device supported biometric modalities.
android.permission.USE_FINGERPRINT	normal	allow use of fingerprint	This constant was deprecated in API level 28. Applications should request USE_BIOMETRIC instead.
android.permission.RECEIVE_BOOT_COMPLETED	normal	automatically start at boot	Allows an application to start itself as soon as the system has finished booting. This can make it take longer to start the phone and allow the application to slow down the overall phone by always running.
android.permission.ACCESS_FINE_LOCATION	dangerous	fine (GPS) location	Access fine location sources, such as the Global Positioning System on the phone, where available. Malicious applications can use this to determine where you are and may consume additional battery power.
android.permission.ACCESS_COARSE_LOCATION	dangerous	coarse (network- based) location	Access coarse location sources, such as the mobile network database, to determine an approximate phone location, where available. Malicious applications can use this to determine approximately where you are.
android.permission.READ_EXTERNAL_STORAGE	dangerous	read external storage contents	Allows an application to read from external storage.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.VIBRATE	normal	control vibrator	Allows the application to control the vibrator.
android.permission.FOREGROUND_SERVICE	normal		Allows a regular application to use Service.startForeground.
com.google.android.c2dm.permission.RECEIVE	signature	C2DM permissions	Permission for cloud to device messaging.
com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE	unknown	Unknown permission	Unknown permission from android reference

# **M** APKID ANALYSIS

FILE	DETAILS		
	FINDINGS	DETAILS	
classes.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 SIM operator check network operator name check	
	Compiler	r8	

FILE	DETAILS		
classes2.dex	FINDINGS		DETAILS
Classes2.dex	Compiler		r8
	FINDINGS	DETAILS	
classes3.dex	Anti-VM Code	possible VM check	
	Compiler	r8 without marker (sus	spicious)
	FINDINGS	DETAILS	
classes4.dex	Anti-VM Code	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.BOARD check possible Build.SERIAL check network operator name check device ID check possible VM check	
	Compiler r8 without marker (suspicious)		spicious)

FILE	DETAILS	
	FINDINGS	DETAILS
classes5.dex	Anti-VM Code	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.BOARD check Build.TAGS check SIM operator check network operator name check
	Anti Debug Code	Debug.isDebuggerConnected() check
	Compiler	r8 without marker (suspicious)
	FINDINGS	DETAILS
classes6.dex	Anti-VM Code	Build.FINGERPRINT check Build.MANUFACTURER check possible Build.SERIAL check
	Compiler	r8 without marker (suspicious)

FILE	DETAILS			
	FINDINGS	DETAILS		
classes7.dex	Anti-VM Code	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.BOARD check Build.ID check Build.TAGS check possible ro.secure check possible VM check		
	Anti Debug Code	Debug.isDebuggerConnected() check		
	Compiler	r8 without marker (suspicious)		
classes8.dex	FINDINGS	DETAILS		
Classesolder	Compiler	r8 without marker (suspicious)		
classes9.dex	FINDINGS	DETAILS		
	Compiler	r8 without marker (suspicious)		

### BROWSABLE ACTIVITIES

ACTIVITY	INTENT
com.sumup.merchant.api.LoadSumUpPaymentsActivity	Schemes: sumup://, sumupmerchant://, Hosts: sumup.com, pay, Path Prefixes: /payments/, /1.0,
com.sumup.merchant.ui.Activities.WelcomeActivity	Schemes: https://, sumup://, Hosts: me.sumup.com, app, Paths: /support, /support/live-chat, /referrals, /referrals/challenges, /card, /card/card-pending-payment, /card/card-security, /business-account, /online-selling, /invoices, /sumup-connect, /screen/card-pending- payment, /screen/card-security, /screen/business-account, /screen/open-banking, /screen/sumup- connect,
net.openid.appauth.RedirectUriReceiverActivity	Schemes: com.kaching.merchant://, Paths: //auth-callback,

# **△** NETWORK SECURITY

NO SCOPE SEVERITY DESCRIPTION
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## **Q** MANIFEST ANALYSIS

NO	ISSUE	SEVERITY	DESCRIPTION
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NO	ISSUE	SEVERITY	DESCRIPTION
1	Activity (com.sumup.merchant.api.LoadSumUpPaymentsActivity) is not Protected. An intent-filter exists.	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. The presence of intent-filter indicates that the Activity is explicitly exported.
2	Activity (com.sumup.merchant.ui.Activities.WelcomeActivity) is not Protected. An intent-filter exists.	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. The presence of intent-filter indicates that the Activity is explicitly exported.
3	Activity-Alias (com.kaching.merchant.Activities.RegisterActivity) is not Protected. An intent-filter exists.	warning	An Activity-Alias is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. The presence of intent-filter indicates that the Activity-Alias is explicitly exported.
4	Activity (com.sumup.merchant.ui.Activities.PaxSetupActivity) is not Protected. An intent-filter exists.	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. The presence of intent-filter indicates that the Activity is explicitly exported.
5	Activity (net.openid.appauth.RedirectUriReceiverActivity) is not Protected. An intent-filter exists.	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. The presence of intent-filter indicates that the Activity is explicitly exported.

NO	ISSUE	SEVERITY	DESCRIPTION
6	Activity (com.sumup.card.activation.OpenBusinessAccountActivity) is not Protected. An intent-filter exists.	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. The presence of intent-filter indicates that the Activity is explicitly exported.
7	Activity (com.sumup.bropenbanking.paymentinitiation.presentation.PaymentInitiationActivity) is not Protected. [android:exported=true]	high	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
8	Activity (com.sumup.merchant.reader.identitylib.ui.activities.LoginActivity) is not Protected. [android:exported=true]	high	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
9	TaskAffinity is set for Activity (com.salesforce.marketingcloud.notifications.NotificationOpenActivity)	warning	If taskAffinity is set, then other application could read the Intents sent to Activities belonging to another task. Always use the default setting keeping the affinity as the package name in order to prevent sensitive information inside sent or received Intents from being read by another application.
10	Broadcast Receiver (com.google.firebase.iid.FirebaseInstanceIdReceiver) is Protected by a permission, but the protection level of the permission should be checked.  Permission: com.google.android.c2dm.permission.SEND  [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.

NO	ISSUE	SEVERITY	DESCRIPTION
11	Broadcast Receiver (com.salesforce.marketingcloud.sfmcsdk.SFMCSdkReceiver) is not Protected. [android:exported=true]	high	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.
12	Activity (androidx.biometric.DeviceCredentialHandlerActivity) is not Protected. [android:exported=true]	high	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
13	Service (com.google.android.play.core.assetpacks.AssetPackExtractionService) is not Protected. [android:exported=true]	high	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

# </> CODE ANALYSIS

NO	ISSUE	SEVERITY	STANDARDS	FILES
				i/u/u/g/m.java i/c/a/m/p/d/y.java com/sumup/merchant/expenses/ExpensesKitTok enHandler.java lombok/eclipse/TransformEclipseAST.java com/sumup/merchant/print/epson/EpsonPrinter Manager\$discoverPrinters\$1.java com/sumup/merchant/serverdriven/FlowState.ja va com/sumup/card/activation/usecase/CardSetting UseCase.java com/sumup/merchant/Network/rpcEvents/rpcEv entStartVerification.java com/sumup/merchant/reader/presenter/Receipt Presenter.java i/c/a/m/p/d/a0.java

NO	ISSUE	SEVERITY	STANDARDS	com/sumup/merchant/referral/remoteconfig/Ref
				com/sumup/merchant/ui/Fragments/CheckoutFr
				agmentFactory.java
				com/sumup/merchant/catalog/taxes/VatRateHel
				per.java
				com/sumup/merchant/shopping/TerminalFragm
				ent.java
				com/sumup/merchant/verification/VerificationPr
				oviderFactory.java
				i/c/a/n/o.java
				i/h/f/w/c.java
				com/sumup/merchant/reader/ui/ParallaxViewPa
				ger.java
				i/c/a/q/j/i.java
				com/sumup/card/domain/usecase/SplitPayment
				UseCaseImpl.java
				com/sumup/merchant/reader/serverdriven/mod
				el/PhoneSpec.java
				i/c/a/m/o/t.java
				com/sumup/merchant/reader/jsonRpcUtilities/js
				onEnvelope.java
				com/sumup/base/common/location/LocationSer
				vicesHealthTracker.java
				com/sumup/pos/merchant/PosDeviceService.jav
				a
				com/sumup/merchant/reader/network/rpcEvent
				s/emv/rpcEventEmvServerResponse.java
				com/sumup/merchant/lending/LendingHelper.ja
				va
				com/sumup/merchant/print/ReceiptPrinterDisco
				very.java
				com/sumup/card/activation/usecase/FeatureTog
				gleUseCase.java
				com/sumup/mpts/utils/ClientBuilder.java
				com/sumup/card/transfer/TransferPresenter.jav
				a
				i/c/a/m/m/o/e.java
				com/sumup/merchant/catalog/data/AppCatalogR
				epository\$catalogIntegrityErrorListener\$1.java
				com/sumup/merchant/catalog/CatalogImageServ
I	I	I	l	Com/sumup/merchani/catalog/catalogimageserv

NO	ISSUE	SEVERITY	STANDARDS	ice\$getUploadUrl\$2.java रिक्षेट्रिकिh.java
				com/sumup/merchant/reader/jsonRpcUtilities/Js
				onRpcHttpClient.java
				com/sumup/merchant/account/AccountVerificati
				onViewModel.java
				com/sumup/merchant/sales/SalesReceiptsContr
				oller.java
				i/c/a/m/p/d/m.java
				i/u/i/a/d/a.java
				i/u/s/a/a.java
				i/c/a/m/n/y.java
				com/sumup/merchant/helpers/StoneLibHelper.j
				ava
				i/c/a/b.java
				com/sumup/merchant/ui/Fragments/PaxTermin
				alPageFragment.java
				i/c/a/m/n/h.java
				com/sumup/card/client/settings/ChangePinActivi
				ty.java
				com/sumup/merchant/util/SupportUtilsKt.java
				w/a/a.java
				net/sqlcipher/database/SQLiteDebug.java
				com/sumup/merchant/zreports/ZReportsKitHelp
				er.java
				i/h/f/m/d/b.java
				com/sumup/merchant/reader/ReaderModuleCor
1				eState.java
1				com/sumup/merchant/print/bixolon/BixolonPrin
1				terManager.java
				com/sumup/merchant/util/AssetUtils.java
				com/sumup/merchant/print/CloudPrintHelper.ja
1				Va
1				com/sumup/merchant/webview/WebViewFragm
				ent.java
1				com/sumup/merchant/reader/util/TextUtil.java
1				com/sumup/merchant/presenter/PaxSetupPrese
1				nter.java
1				com/sumup/merchant/ui/Activities/DashboardAc
1				tivity.java
				i/u/s/a/e/n/i.java

NO	ISSUE	SEVERITY	STANDARDS	com/sumup/base/common/permission/Permissi
				com/sumup/merchant/reader/presenter/CardRe
				aderPresenter.java
				com/sumup/merchant/payment/transaction/hist
				ory/TransactionHistoryFragment.java
				com/sumup/taponphone/common/TapOnPhone
				Capability.java
				i/c/a/m/m/o/c.java
				com/sumup/card/transaction/VerifyTransactionS
				tatusActivity.java
				com/sumup/base/common/util/ViewUtils.java
				i/u/s/a/e/n/b.java
				i/h/f/w/p0.java
				com/sumup/merchant/reader/ui/fragments/TxS
				uccessFragment.java
				lombok/core/PublicApiCreatorApp.java
				com/sumup/merchant/print/star/StarRasterPrint
				er.java
				com/sumup/merchant/reader/troubleshooting/u
				i/BtTroubleshootingActivity.java
				com/sumup/merchant/sales/details/ui/SaleDetail
				sActivity.java
				i/c/a/m/p/d/q.java
				com/sumup/merchant/jsonRpcUtilities/JsonRpcH
				ttpClient.java
				com/sumup/merchant/virtualterminal/SumupVir
				tualTerminalRemoteConfigHelper.java
				com/sumup/merchant/util/DrawableUtils.java
				i/c/a/m/o/d.java
				com/sumup/merchant/push/SalesForceHelper.ja
				va
				i/l/a/d/e.java
				com/sumup/merchant/print/ReceiptPrintService.
				java
				i/c/a/m/p/d/l.java
				com/sumup/merchant/print/ReceiptDownloader.
				java
				com/sumup/merchant/referral/remoteconfig/Ref
				erralsShareImageFileHelper.java
				lombok/bytecode/PostCompilerApp.java

NO ISSUE SEVERITY STANDARDS	com/sumup/receipts/core/data/extensions/Toke hextensionsKt.java com/sumup/merchant/reader/util/ViewUtils.java
	io/grpc/internal/ManagedChannellmpl.java com/sumup/merchant/sales/details/ui/SaleDetail sFragment.java com/sumup/merchant/reader/ui/fragments/Card ReaderPaymentFragment.java com/sumup/merchant/support/ui/troubleshooti ng/TroubleshootinglssueSelectionFragment.java com/sumup/card/client/settings/AccountSettings Presenter.java com/sumup/taponphone/payment/SoftPosTapO nPhoneProvider.java com/sumup/sales/history/ModelsMappingKt.jav a i/u/s/a/e/j.java com/sumup/merchant/reader/bluetooth/SumUp BtSmartScanner.java com/sumup/merchant/reader/api/SumUpAPI.jav a com/sumup/merchant/reader/api/SumUpAPI.jav a com/sumup/merchant/reader/api/SumUpAPI.jav a com/sumup/merchant/reader/api/SumUpAPI.jav a com/sumup/merchant/reader/api/SumUpAPI.jav a com/sumup/merchant/reader/api/SumUpAPI.jav com/sumup/merchant/reader/api/SumUpAPI.jav com/sumup/card/CardManager.java com/sumup/card/CardManager.java com/sumup/merchant/reader/api/SumUpPayme nt.java com/sumup/merchant/reader/ui/fragments/Card ReaderPaymentFragmentFactory.java com/sumup/card/client/settings/CardManageme ntPresenter.java com/sumup/card/client/settings/CardManageme ntPresenter.java com/sumup/merchant/bank/br/BankBRHelperKt .java com/sumup/merchant/payment/transaction/hist ory/service/rpcEventGetTransactionHistory.java

NO	ISSUE	SEVERITY	STANDARDS	resenter.java FILES Com/sumup/card/utils/CardUtils.java com/sumup/base/common/util/UrlUtils.java
				com/sumup/card/client/overview/businessaccou nt/BusinessAccountPresenter.java lombok/core/configuration/ConfigurationProble mReporter.java com/sumup/card/CardRepositoryImpl.java com/sumup/merchant/util/Utils.java com/sumup/merchant/catalog/taxes/TaxesSettin gsFragment.java com/sumup/merchant/Network/rpcEvents/RpcE ventGetFees.java i/c/a/n/e.java com/sumup/merchant/connect/ConnectViewMo del.java lombok/core/debug/FileLog.java com/sumup/pos/common/RemoteApiExtensions Kt.java com/sumup/card/transaction/VerifyTransactionP resenter.java com/sumup/merchant/reader/ui/activities/CardR eaderSetupActivity.java com/sumup/merchant/push/MarketingCloudPus hManager.java com/sumup/card/client/settings/ChangePinPrese nter.java com/sumup/card/client/overview/businessaccou nt/BusinessAccountFragment.java i/c/a/m/n/z/j.java com/sumup/sales/common/RemoteApiExtension sKt.java com/sumup/merchant/api/LoadSumUpPayment sActivity.java i/c/a/n/f.java com/sumup/merchant/referral/ReferralFragment .java com/sumup/merchant/referral/ReferralFr

NO	ISSUE	SEVERITY	STANDARDS	ava FJLES com/sumup/merchant/main/LogOutUseCase.jav
				lombok/javac/JavacAST.java com/sumup/merchant/helpers/CardLibHelper.ja va com/sumup/merchant/reader/controllers/CardR eaderBTSmartDiscoveryController.java com/sumup/merchant/helpers/QrCodeHelper.ja va com/sumup/merchant/sales/TransactionResultKt .java com/sumup/merchant/bank/BankEnvironmentIn foProvider.java i/h/f/w/d0.java com/sumup/card/mfa/code/VerifyMfaCodeActivi ty.java com/sumup/merchant/reader/ui/fragments/Rea dCardFragment.java i/c/a/m/n/i.java com/sumup/merchant/presenter/StoneCheckout Presenter.java i/h/f/w/u0.java com/sumup/merchant/support/presenter/Suppo rtPresenter.java lombok/bytecode/PoolConstantsApp.java com/sumup/base/common/util/TimeUtils.java com/sumup/merchant/reader/helpers/ReaderQu alityIndicatorEventHandler.java lombok/javac/handlers/HandleBuilder.java i/c/a/o/e.java com/sumup/merchant/support/ui/RegisterSuppo rtFragment.java net/sqlcipher/database/SQLiteDatabase.java com/sumup/identity/token/AppAuthTokenProvid er\$getToken\$1\$getTokenResult\$1.java com/sumup/merchant/Network/rpcEvents/rpcEv ent.java com/sumup/merchant/Network/rpcEvents/rpcEv ent.java com/sumup/merchant/reader/identitylib/util/Util s.java

NO	ISSUE	SEVERITY	STANDARDS	com/sumup/designlib/circuitui/components/Su FILES mUpBadge.java
1	The App logs information. Sensitive information should never be logged.	info	CWE: CWE-532: Insertion of Sensitive Information into Log File OWASP MASVS: MSTG-STORAGE-3	com/sumup/taponphone/overview/TaponPhone OverviewViewModel.java com/sumup/merchant/bluetooth/BluetoothPaire r.java lombok/javac/HandlerLibrary.java com/sumup/card/transfer/InitiateTransferActivity .java com/sumup/merchant/helpers/RpcEventProgres sHelper.java com/sumup/merchant/reader/helpers/Bluetooth Helper.java com/sumup/merchant/sales/SalesHistoryAPIFeat ureFlag.java i/u/s/a/e/m/a.java lombok/javac/JavacResolution.java i/c/a/m/m/j.java com/sumup/merchant/support/ui/troubleshooti ng/replacement/DeviceReplacementAddressSub missionFragment.java com/sumup/identity/token/AppAuthTokenProvid er\$getToken\$1.java com/sumup/merchant/reader/api/ReaderAffiliate Helper.java com/sumup/merchant/reader/ui/fragments/Man ualEntryFragment.java com/sumup/card/dashboard/CardDashboardFra gment.java com/sumup/card/bank/debits/DirectDebitsPrese nter.java i/c/a/m/o/s.java com/sumup/merchant/helpers/StoneCheckoutH elper.java com/sumup/card/activation/AccountDetailsFrag ment.java i/c/a/m/n/a0/e.java com/sumup/merchant/sales/SalesCheckoutContr oller.java lombok/javac/CompilerMessageSuppressor.java

NO	ISSUE	SEVERITY	STANDARDS	eConfigHelper.java lombok/delombok/Delombok.java
				com/sumup/merchant/print/epson/EpsonPrinte
				Manager.java
				com/sumup/merchant/reader/controllers/Card
				eaderSetupController.java
				com/sumup/cataloglib/editor/ui/ItemEditorView
				Model.java
				com/sumup/fiscalization/Fiskaly.java
				i/c/a/m/o/f.java
				com/sun/jna/Native.java
				com/sumup/merchant/managers/PreferencesN
				nager.java
				io/grpc/okhttp/internal/Platform.java
				com/sumup/merchant/vouchers/remoteconfig
				umUpVouchersRemoteConfigHelper.java
				com/sumup/merchant/reader/troubleshooting
				i/ReaderNotConnectedFragment.java
				i/h/f/w/f0.java
				com/sumup/merchant/reader/ui/fragments/Pir
				lusOverlayPageFragment.java
				i/h/f/w/z0.java
				com/sumup/merchant/cardreader/ReaderMod
				eManager.java
				com/sumup/merchant/invoices/InvoicesKitHelp
				r.java
				com/sumup/merchant/print/epson/EpsonPrint
				\$special\$\$inlined\$CoroutineExceptionHandler\$
				java
				com/sumup/merchant/reader/controllers/Card
				eaderFirmwareUpdateController.java
				com/sumup/card/pix/PixWebViewViewModel.ja
				a i/c/a/m/n/k.java
				i/u/s/a/c/d.java
				com/sumup/designlib/soloui/extensions/TextVi
				wExtensionsKt.java
				i/c/a/m/p/h/a.java
				com/sumup/merchant/sales/details/SaleDetails
		1		epository.java

NO ISSUE	SEVERITY	STANDARDS	ails/हिन्दुnsactionDetailsActivity.java com/sumup/base/common/location/GoogleLoca

NO	ISSUE	SEVERITY	STANDARDS	com/sumup/merchant/reader/serverdriven/mod el/Pegms.java i/u/s/a/b.java
				com/sumup/merchant/ui/Views/MoneyEditText.j
				ava
				i/u/s/a/e/m/c.java
				i/c/a/n/p.java
				i/h/f/w/l0.java
				i/c/a/l/d.java
				lombok/installer/Installer.java
				i/h/f/w/q0.java
				i/c/a/s/l/a.java
				-
				i/u/s/a/e/n/a.java
				s/g/f/g.java
				com/sumup/identity/token/AppAuthTokenProvid
				er.java
				com/sumup/merchant/SumUpApp.java
				com/sumup/merchant/reader/helpers/RpcEvent
				ProgressHelper.java
				com/sumup/pos/merchant/security/PosSecurity
				KeysStorage.java
				com/sumup/merchant/tipping/SmartTippingConf
				igKt.java
				lombok/javac/JavacTreeMaker.java
				com/sumup/merchant/StoneLibManager.java
				com/sumup/referrals/service/ChallengesAPI.java
				lombok/patcher/ScriptManager.java
				i/c/a/n/r.java
				com/sumup/taponphone/payment/TapOnPhone
				PaymentViewModel.java
				com/sumup/merchant/ui/Fragments/RefundCon
				firmAmountFragment.java
				com/sumup/base/common/ui/SumUpBaseActivi
				ty.java
				com/sumup/merchant/Network/rpcEvents/rpcEv
				entCheckout.java
				com/sumup/merchant/ui/Activities/MainActivity.
				java
				com/sumup/merchant/sales/PosSalesReceiptsAP
				lHelper.java
				i/c/a/m/p/h/j.java

NO	ISSUE	SEVERITY	STANDARDS	com/sumup/merchant/controllers/PaxBTClassic
				i/u/u/b/d.java
				com/sumup/merchant/Network/rpcEvents/rpcEv
				entGetTransactionStatus.java
				com/sumup/designlib/circuitui/components/Su
				mUpContextualNavigation.java
				lombok/patcher/Version.java
				com/sumup/referrals/domain/models/ShareInvit
				ationEventKt.java
				i/u/s/a/e/n/e.java
				com/sumup/oskit/common/error/Logger.java
				com/sumup/taponphone/overview/TapOnPhone
				OverviewFragment.java
				com/sumup/merchant/ui/Activities/CheckoutAPI
				DrivenPageActivity.java
				i/c/a/n/s.java
				com/sumup/card/completeprofile/usecase/Upda
				teProfileUseCase.java
				com/sumup/card/transfer/TransferDetailsPresen
				ter.java
				com/sumup/card/transfer/TransferFundsActivity.
				java
				com/sumup/base/analytics/monitoring/PythiaLo
				ggerHelper.java
				com/sumup/identity/auth/AppAuthManager.java
				i/c/a/m/m/l.java
				com/sumup/merchant/payment/transaction/det
				ails/service/rpcEventGetTransactionDetails.java
				lombok/patcher/ClassRootFinder.java
				lombok/javac/handlers/HandleVal.java
				i/u/s/a/e/n/f.java
				com/sumup/merchant/sales/SalesConvertersKt.j
				ava
				com/sumup/merchant/print/epson/EpsonPrinter
				\$special\$\$inlined\$CoroutineExceptionHandler\$2
				.java
				com/sumup/merchant/ui/ParallaxViewPager.java
				com/sumup/merchant/reader/ui/activities/CardR
				eaderPaymentAPIDrivenPageActivity.java
				com/sumup/merchant/print/PrinterDiscoveryFra

NO	ISSUE	SEVERITY	STANDARDS	gment.java  [6]h66k/core/runtimeDependencies/CreateLomb okRuntimeApp.java
NO	ISSUE	SEVERITY	STANDARDS	
				com/bumptech/glide/load/resource/bitmap/Defa ultlmageHeaderParser.java com/sumup/merchant/reader/ui/animations/Ch eckoutAnimationManager.java com/sumup/base/common/util/OSUtils.java com/sumup/card/biometric/BiometricCallbackV2 3.java lombok/core/Main.java com/sumup/merchant/expenses/ExpensesKitHel per.java com/sumup/card/bank/debits/auth/DirectDebits

NO	ISSUE	SEVERITY	STANDARDS	AuthPresenter.java <b>Folha ES</b> k/javac/handlers/JavacSingularsRecipes.jav
				i/c/a/m/p/a.java com/sumup/merchant/payment/payout/details/ PayoutDetailsActivity.java q/b/a/a0/a.java com/sumup/referrals/service/ShareInvitationEve ntsAPI.java com/sumup/merchant/zreports/ZReportsKitToke nHandler.java com/sumup/card/mfa/code/VerifyMfaCodePrese nter.java com/sumup/card/activation/usecase/CardPushN otificationPreferenceUseCase.java com/sumup/merchant/cookie/CookiePreference sViewModel.java com/sumup/merchant/reader/network/rpcEvent s/rpcEventCheckout.java com/sumup/merchant/util/TextUtil.java com/sumup/merchant/catalog/data/AppCatalogR epository.java lombok/eclipse/handlers/EclipseSingularsRecipes .java i/c/a/l/e.java i/u/s/a/c/c.java com/sumup/merchant/reader/cardreader/Reade rCoreManager.java lombok/patcher/scripts/SetSymbolDuringMetho dCallScript.java com/sumup/card/data/repository/VerifyCardRep ositoryImpl.java com/sumup/merchant/payment/payout/history/ PayoutHistoryFragment.java com/sumup/merchant/reader/controllers/CardR eaderFirmwareFileLoadController.java com/sumup/merchant/reader/network/rpcEvent s/rpcEventGetTransactionStatus.java lombok/core/debug/ProblemReporter.java com/sumup/merchant/catalog/ProductsAdapter.j ava

NO	ISSUE	SEVERITY	STANDARDS	i/c/a/m/n/a0/i.java Fdh Sumup/pos/merchant/storage/PosDeviceSt orage java
				i/c/a/m/n/b0/b.java com/sumup/merchant/referral/reward/RewardFr agment.java com/sumup/card/transfer/SelfTransferActivity.ja va i/c/a/m/p/d/c.java com/sumup/merchant/reader/controllers/EmvCa rdReaderController.java com/sumup/referrals/service/RewardsAPI.java com/sumup/sales/history/SalesHistoryAPI.java com/sumup/payments/registry/data/extensions/ TokenProviderExtensionsKt.java com/sumup/referrals/service/ReferralCodeAPI.ja va com/sumup/merchant/sales/SalesReceiptsContr oller\$downloadSaleReceiptAsPdf\$1.java com/sumup/merchant/sales/SalesReceiptsContr oller\$printSaleReceipt\$1.java i/h/f/w/m0.java com/sumup/merchant/util/ViewUtils.java i/c/a/m/n/b0/a.java
				com/salesforce/marketingcloud/storage/db/b.jav a com/salesforce/marketingcloud/storage/db/upgr ades/e.java com/salesforce/marketingcloud/storage/db/upgr ades/f.java i/k/a/n/l/a.java com/salesforce/marketingcloud/storage/db/k.jav a com/salesforce/marketingcloud/storage/db/upgr ades/c.java com/salesforce/marketingcloud/storage/db/upgr ades/h.java stone/database/SQLiteHelper.java i/k/a/m/a.java

NO	ISSUE	SEVERITY	STANDARDS	stone/database/pinpad/PinpadDAO.java
2	App uses SQLite Database and execute raw SQL query. Untrusted user input in raw SQL queries can cause SQL Injection. Also sensitive information should be encrypted and written to the database.	warning	CWE: CWE-89: Improper Neutralization of Special Elements used in an SQL Command ('SQL Injection') OWASP Top 10: M7: Client Code Quality	stone/database/pinpad/PinpadRepository.java com/salesforce/marketingcloud/storage/db/a.jav a com/salesforce/marketingcloud/storage/db/upgr ades/i.java com/salesforce/marketingcloud/storage/db/upgr ades/b.java com/salesforce/marketingcloud/storage/db/upgr ades/a.java com/salesforce/marketingcloud/storage/db/e.jav a i/l/a/b/n.java stone/database/transaction/TransactionSQLiteHe lper.java com/salesforce/marketingcloud/storage/db/g.jav a com/salesforce/marketingcloud/storage/db/j.jav a com/salesforce/marketingcloud/storage/db/c.jav a com/salesforce/marketingcloud/storage/db/h.jav a com/salesforce/marketingcloud/storage/db/h.jav a com/salesforce/marketingcloud/storage/db/h.jav a com/salesforce/marketingcloud/storage/db/m.ja va com/salesforce/marketingcloud/storage/db/l.jav a com/salesforce/marketingcloud/storage/db/l.jav a com/salesforce/marketingcloud/storage/db/l.jav a com/salesforce/marketingcloud/storage/db/l.jav a com/salesforce/marketingcloud/storage/db/l.jav a com/salesforce/marketingcloud/storage/db/f.jav a com/salesforce/marketingcloud/storage/db/f.jav a com/salesforce/marketingcloud/storage/db/f.jav a stone/database/transaction/InternalTransactionD
				AO.java  com/sumup/payments/registry/data/model/pay out/Link.java

tureActivity.java com/sumup/merchar HomeMapper.java com/payarto/vpos/m AppInfoResponse.java com/sumup/merchar com/sumup/merchar rialActivity.java com/epson/epos2/pri java com/sumup/card/hel com/sumup/invoice/a voiceBuilderActivityKt com/sumup/pix/out/f	ant/Network/rpcProtocol.java ls/domain/adapters/Templat java
com/sumup/merchar onRpcHttpClient.java com/sumup/invoice/a ermsRepositoryKt.jav com/sumup/pos/mer erationalDataFiskalyC com/sumup/merchar omeMapper.java com/sumup/merchar illerHomeMapper.java com/sumup/merchar ava com/sumup/card/pix, hodProviderImpl.java i/c/a/m/n/w.java com/sumup/pix/out/s java	java //sdk/capture/ui/camera/Cap ant/home/mappers/Account mobile/api/structs/response/ va ant/api/SumUpAPI.java ant/mpts/carousel/MPTSTuto orinter/FirmwareDownloader. elper/ConstantsKt.java /android/invoiceCreate/ui/In Kt.java /features/PixOutActivity.java /android/settings/ui/Invoice tivityKt.java ant/reader/jsonRpcUtilities/Js a //android/network/PaymentT ova erchant/generated/model/Op /CredentialsApiModel.java ant/home/mappers/DonateH ant/home/mappers/ProductF ova ant/profile/ProfileUiMapper.j x/provider/AuthorizationMet

NO	ISSUE	SEVERITY	STANDARDS	Kt.java   Kt.java     Kd.bESumup/invoice/android/invoiceMarkPaid/ui   /InvoiceMarkPaidActivityKt.java
				/InvoiceMarkPaidActivityKt.java com/sumup/merchant/jsonRpcUtilities/JsonRpcH ttpClient.java com/sumup/merchant/home/mappers/PixHome Mapper.java com/sumup/invoice/android/settings/dal/Compa nySettingsHelperKt.java com/sumup/card/cardmanagement/presentation /unblockcard/UnblockCardUiStateKt.java com/sumup/card/networking/interceptors/Direct DebitsInterceptorKt.java com/sumup/payments/registry/generated/mode I/TransactionDetailsResponseApiModel.java com/sumup/invoice/android/paymentMethods/ ui/AddEditBankAccountFragmentKt.java com/sumup/invoice/android/customerPicker/ui/ customersList/CustomersFragmentKt.java i/c/a/m/n/p.java com/payarto/vpos/mobile/api/structs/response/ PinExchangeResponse.java com/sumup/merchant/reader/api/SumUpAPI.jav a com/sumup/pos/merchant/generated/model/Re gisterDeviceRequestApiModel.java com/sumup/kyc/verification/presentation/IDVVe rificationActivityKt.java com/sumup/merchant/home/mappers/ItemsHo meMapper.java com/sumup/invoice/android/countryPicker/ui/C ountryPickerDialogKt.java com/sumup/merchant/support/DeviceReplacem entImageServiceKt.java com/sumup/card/cardmanagement/presentation //CardCentralUiStateKt.java
				br/com/stone/pos/android/service/container/do main/model/PendingTransaction.java com/sumup/invoice/android/onboarding/dal/On boardingFlagsRepositoryKt.java com/sumup/invoice/android/dashboard/ui/listIn

NO	ISSUE	SEVERITY	STANDARDS	voices/ListOfInvoicesFragmentKt.java Folk Sumup/merchant/referral/tracker/ReferralT rackingKt.java
NO	ISSUE	SEVERITY	STANDARDS	rackingKt java com/payarto/vpos/mobile/api/structs/request/In itTransactionRequest.java com/sumup/merchant/home/mappers/Complet eSignupNotificationHomeMapper.java com/onfido/android/sdk/capture/ui/camera/Cap tureUploadService.java i/h/f/m/d/j/c.java com/sumup/referrals/domain/models/common/ TemplateText.java com/sumup/merchant/home/mappers/QrCodeH omeMapper.java com/sumup/invoice/android/paywalls/dal/Payw allsFlagsRepositoryKt.java com/sumup/invoice/android/about/ui/PreviewP dfByUrlFragmentKt.java com/sumup/invoice/android/utils/UtilConstants Kt.java com/sumup/merchant/home/mappers/Verificati onNotificationHomeMapper.java i/c/a/m/g.java com/sumup/invoice/android/Constants.java com/sumup/invoice/android/Constants.java com/sumup/mpts/features/model/FeatureConfig uration.java
				k/a/a/b/h/d.java com/sumup/merchant/home/mappers/UpdateFi rmwareNotificationHomeMapper.java stone/utils/encryption/EncryptionUtil.java com/sumup/merchant/tracking/DeepLinkTracker Kt.java br/com/stone/payment/domain/mapping/Brandl
				nfo.java com/sumup/merchant/support/data/Authenticati onData.java stone/utils/GlobalInformations.java com/sumup/invoice/android/invoiceCreate/ui/In voiceAddEditProductFragmentKt.java com/sumup/merchant/textparser/LocalizableStri

NO	ISSUE	SEVERITY	STANDARDS	ngsDeserializerKt.java  Hold Sumup/merchant/reader/ui/fragments/ListS  electionFragment.java
3	Files may contain hardcoded sensitive information like usernames, passwords, keys etc.	warning	CWE: CWE-312: Cleartext Storage of Sensitive Information OWASP Top 10: M9: Reverse Engineering OWASP MASVS: MSTG-STORAGE-14	electionFragment.java com/payarto/vpos/mobile/api/structs/request/R egistrationRequest.java com/onfido/android/sdk/capture/analytics/Analy ticsInteractor.java com/sumup/merchant/home/mappers/Marketpl aceHomeMapper.java com/sumup/merchant/home/mappers/Lending HomeMapper.java com/sumup/kyc/verification/presentation/artifac t/ArtifactTypeDialogFragment.java com/sumup/base/common/deeplink/DeepLinkC onfig.java com/sumup/pix/out/presentation/PixOutUiState Kt.java com/payarto/vpos/mobile/api/structs/request/O AuthorizeRequest.java com/payarto/vpos/emv/vpos/model/TxInitStruct .java com/sumup/merchant/home/mappers/OnlineSt oreHomeMapper.java com/sumup/invoice/android/settings/ui/detailed info/DetailedCompanyInfoFragmentKt.java com/sumup/merchant/textparser/LocalizableStri ngsDeserializer.java com/sumup/pix/out/features/success/PixOutSuc cessFragment.java com/salesforce/marketingcloud/events/g.java com/onfido/android/sdk/capture/common/perm issions/PermissionsManagementFragment.java com/sumup/merchant/ui/Fragments/ChoosePay mentTypeFragment.java stone/database/transaction/TransactionSQLiteHe lper.java com/sumup/merchant/reader/network/rpcProto col.java com/sumup/invoice/android/customerPicker/ui/ addEditCustomer/AddEditCustomerFragmentKt.j ava

LinksHomeMapper.java com/payarto/xpos/mobile/api/structs/rec nlnitRequest.java stone/user/UserModel.java com/sumup/merchant/catalog/onboardii oardingMerchantsActivity.java com/sumup/invoice/android/paywalls/uii lFragmentKt.java i/u/eff/d/b/j.java com/sumup/merchant/reader/models/Ch ResponseData.java com/sumup/merchant/cache/CachingPol com/sumup/invoice/android/customerPii stomerCatalogNavigatorKt.java com/sumup/invoice/android/customerPii stomerCatalogNavigatorKt.java com/sumup/merchant/home/mappers/C HomeMapper.java com/sumup/fiscalization/model/FiskalyTr onResponse.java com/sumup/invoice/android/invoiceCrea alog/CloseInvoiceBuilderDialogKt.java com/sumup/invoice/android/invoiceCrea alog/CloseInvoiceBuilderDialogKt.java com/sumup/invoice/android/paywalls/uii UserFragmentKt.java i/c/a/m/n/d.java	NO	ISSUE	SEVERITY	STANDARDS	com/sumup/card/cardmanagement/presentation FoliateManagementUiStateKt.java com/sumup/invoice/android/invoiceCreate/ui/O
ection/CountrySelectionFragment.java com/sumup/merchant/home/mappers/G HomeMapper.java com/sumup/payments/registry/data/mod saction/history/Link.java com/sumup/pix/out/presentation/Receip .java					ptionsMenuModalFragmentKt.java com/sumup/merchant/home/mappers/Payment LinksHomeMapper.java com/payarto/vpos/mobile/api/structs/request/Pi nlnitRequest.java stone/user/UserModel.java com/sumup/merchant/catalog/onboarding/OnB oardingMerchantsActivity.java com/sumup/invoice/android/paywalls/ui/Paywal lFragmentKt.java i/u/e/f/d/b/j.java com/sumup/merchant/reader/models/Checkout ResponseData.java com/sumup/merchant/cache/CachingPolicy.java com/sumup/merchant/cache/CachingPolicy.java com/sumup/invoice/android/customerPicker/Cu stomerCatalogNavigatorKt.java com/sumup/fiscalization/model/FiskalyTransacti onResponse.java com/sumup/fiscalization/model/FiskalyTransacti onResponse.java com/sumup/invoice/android/invoiceCreate/ui/di alog/CloseInvoiceBuilderDialogKt.java com/sumup/invoice/android/paywalls/ui/Power UserFragmentKt.java i/c/a/m/n/d.java com/sumup/merchant/home/mappers/Invoices HomeMapper.java com/sumup/merchant/home/mappers/GiftCard HomeMapper.java com/sumup/merchant/home/mappers/GiftCard HomeMapper.java com/sumup/payments/registry/data/model/tran saction/history/Link.java com/sumup/pix/out/presentation/ReceiptUiState

NO	ISSUE	SEVERITY	STANDARDS	nfo.java  F/ld/E/Sb/h/c.java  com/sumup/invoice/android/invoiceCreate/ui/di
				alog/TermsPickerDialogKt.java com/sumup/referrals/generated/model/Localiza bleStringApiModel.java com/sumup/invoice/android/dashboard/ui/detai ls/InvoiceDetailsFragmentKt.java com/sumup/pix/core/domain/model/Transfer.ja va io/grpc/internal/TransportFrameUtil.java com/sumup/card/bank/model/EnableDirectDebit Model.java br/com/stone/payment/domain/datamodel/Ter minalInfo.java com/salesforce/marketingcloud/registration/Regi stration.java k/a/a/a/u/a.java com/sumup/referrals/domain/models/challenge /Params.java com/sumup/merchant/home/mappers/ZReports HomeMapperKt.java i/k/a/j/c.java com/sumup/merchant/home/mappers/VirtualTe rminalHomeMapper.java com/sumup/merchant/inbox/utils/MarketingClo udSdkWrapper.java com/onfido/android/sdk/capture/ui/LoadingFrag ment.java com/sumup/merchant/reader/identitylib/manag ers/IdentityPreferencesManager.java com/sumup/merchant/payment/payout/details/ PayoutDetailsActivity.java com/sumup/invoice/android/paymentMethods/ ui/BankAccountsFragmentKt.java com/sumup/invoice/android/invoicePreview/ui/ CreditNotePreviewFragmentKt.java com/fiskaly/sdk/params/ParamCreateContext.jav a com/sumup/merchant/home/mappers/ReferralH omeMapper.java

NO	ISSUE	SEVERITY	STANDARDS	com/sumup/base/analytics/di/ToothpickBaseAna  FyleEModule.java  io/grpc/internal/DnsNameResolver.java
				com/sumup/invoice/android/dashboard/viewmo del/OverviewViewModelKt.java com/sumup/mpts/features/model/FeatureRespo nse.java com/sumup/merchant/home/mappers/FeesCalc ulatorHomeMapper.java com/sumup/referrals/generated/model/Localiza bleStringParamApiModel.java com/sumup/merchant/reader/autoreceipt/AutoR eceiptFeatureFlag.java com/payarto/vpos/mobile/api/structs/request/A dminLoginRequest.java com/sumup/invoice/android/coreAndroid/BaseF ragmentKt.java com/sumup/invoice/android/dashboard/dal/Inv oicesLeftFlagsRepositoryKt.java com/sumup/merchant/home/mappers/Expenses HomeMapperKt.java com/sumup/referrals/domain/models/common/ TemplateTextParam.java com/onfido/android/sdk/capture/analytics/Segm entInteractor.java com/sumup/pos/merchant/storage/MerchantSet tingsStorageKt.java com/sumup/invoice/android/customerPicker/ui/ DeleteCustomerDialogKt.java
4	IP Address disclosure	warning	CWE: CWE-200: Information Exposure OWASP MASVS: MSTG-CODE-2	stone/database/transaction/InternalTransactionD
5	This App may have root detection capabilities.	secure	OWASP MASVS: MSTG-RESILIENCE-1	i/h/f/m/d/h/h.java k/a/a/a/s/h.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
6	The App uses an insecure Random Number Generator.	warning	CWE: CWE-330: Use of Insufficiently Random Values OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-6	io/grpc/internal/RetriableStream.java com/onfido/android/sdk/capture/ui/camera/live ness/intro/LivenessIntroVideoUrlProvider\$rando m\$2.java i/t/a/x.java j\$/util/concurrent/ThreadLocalRandom.java lombok/core/debug/AssertionLogger.java stone/cache/ApplicationCache.java retrofit2/mock/NetworkBehavior.java i/k/a/k/h.java com/mastercard/terminalsdk/utility/PINUtility.ja va io/grpc/okhttp/OkHttpClientTransport.java i/h/f/z/m.java i/n/a/a/u/b.java io/grpc/internal/ExponentialBackoffPolicy.java i/h/f/z/o/k.java io/grpc/util/RoundRobinLoadBalancer.java com/onfido/android/sdk/capture/ui/camera/live ness/intro/LivenessIntroVideoUrlProvider.java io/grpc/internal/DnsNameResolver.java
7	App can write to App Directory. Sensitive Information should be encrypted.	info	CWE: CWE-276: Incorrect Default Permissions OWASP MASVS: MSTG-STORAGE-14	stone/utils/CacheHelper.java com/sumup/card/pix/provider/AuthorizationMet hodProviderImpl.java com/sumup/identity/auth/data/storage/IdentityP refManager.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
8	This App uses SSL certificate pinning to detect or prevent MITM attacks in secure communication channel.	secure	OWASP MASVS: MSTG-NETWORK-4	com/sumup/merchant/support/network/Salesfor ceRepositoryImpl.java com/contentful/java/cda/CDAClient.java com/sumup/merchant/lending/LendingHelper.ja va com/sumup/mpts/utils/ClientBuilder.java com/sumup/invoice/android/di/AppModuleKt.ja va com/sumup/merchant/support/network/Support RepositoryImpl.java i/n/a/a/j.java i/p/a/c/b/b.java i/p/a/c/b/b.java i/u/w/b/b.java k/a/a/b/g.java i/u/i/a/b/a.java com/onfido/android/sdk/capture/common/di/ne twork/NetworkModule.java i/u/h/m/c/b.java com/sumup/merchant/support/network/Trouble shootingRepositoryImpl.java com/sumup/os/common/RetrofitBuilder.java
9	This App uses SQL Cipher. SQLCipher provides 256-bit AES encryption to sqlite database files.	info	OWASP MASVS: MSTG-CRYPTO-1	i/q/a/c/d.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
10	Insecure WebView Implementation. Execution of user controlled code in WebView is a critical Security Hole.	warning	CWE: CWE-749: Exposed Dangerous Method or Function OWASP Top 10: M1: Improper Platform Usage OWASP MASVS: MSTG-PLATFORM-7	com/sumup/merchant/ui/Activities/SumUpBank Activity.java com/sumup/merchant/ui/Activities/DashboardAc tivity.java com/sumup/card/dashboard/CardDashboardFra gment.java com/sumup/oskit/webview/WebViewFragment.j ava com/sumup/card/splitpayment/requestadvance/ bindings/BindingsKt.java
11	SHA-1 is a weak hash known to have hash collisions.	warning	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	com/salesforce/marketingcloud/sfmcsdk/compo nents/encryption/Encryptor.java io/grpc/okhttp/internal/Util.java i/h/f/u/p/b.java i/f/b/d1.java i/l/a/a/f/b.java stone/application/Encryption.java com/mixpanel/android/util/ImageStore.java com/salesforce/marketingcloud/tozny/AesCbcWi thIntegrity.java com/salesforce/marketingcloud/sfmcsdk/compo nents/encryption/SalesforceKeyGenerator.java i/h/f/w/b0.java
12	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	lombok/installer/OsUtils.java i/h/f/u/p/c.java i/j/a/k.java com/sun/jna/Native.java i/u/i/b/d/f.java
13	This App uses SafetyNet API.	secure	OWASP MASVS: MSTG-RESILIENCE-7	k/a/a/a/s/f.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
14	The App uses the encryption mode CBC with PKCS5/PKCS7 padding. This configuration is vulnerable to padding oracle attacks.	high	CWE: CWE-649: Reliance on Obfuscation or Encryption of Security-Relevant Inputs without Integrity Checking OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-3	com/epson/epos2/printer/EfxExtractor.java k/a/a/a/u/a.java com/sumup/card/biometric/BiometricCallbackV2 3.java
15	MD5 is a weak hash known to have hash collisions.	warning	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	com/epson/epos2/printer/EfxExtractor.java com/salesforce/marketingcloud/util/l.java io/grpc/okhttp/internal/Util.java stone/utils/HashCalculator.java i/l/a/a/f/e.java
16	App can read/write to External Storage. Any App can read data written to External Storage.	warning	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	com/epson/eposprint/Print.java i/f/b/n0.java com/mastercard/terminalsdk/internal/n.java com/epson/epos2/storage/ConnectionInfo.java i/q/a/b/b/i/d/h.java com/epson/eposprint/Builder.java com/epson/epos2/OutputLog.java com/sumup/merchant/CoreState.java com/epson/eposprint/Log.java com/epson/epos2/Log.java com/epson/epos2/Log.java com/sumup/merchant/referral/remoteconfig/Ref erralsShareImageFileHelper\$shareImageCacheFil e\$2.java com/sumup/merchant/Reporting/DistributionUti l.java i/m/a/c/e.java com/mastercard/terminalsdk/internal/db.java
17	This App may request root (Super User) privileges.	warning	CWE: CWE-250: Execution with Unnecessary Privileges OWASP MASVS: MSTG-RESILIENCE-1	k/a/a/a/s/h.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
18	This App copies data to clipboard. Sensitive data should not be copied to clipboard as other applications can access it.	info	OWASP MASVS: MSTG-STORAGE-10	com/sumup/card/client/settings/AccountDetailsA ctivity.java com/sumup/card/activation/core/ContextExtensi onsKt.java com/sumup/base/common/util/OSUtils.java
19	Weak Encryption algorithm used	high	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	stone/application/Encryption.java i/a/a/f/b.java

## SHARED LIBRARY BINARY ANALYSIS

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
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NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
1	lib/mips/libjnidispatch.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Partial RELRO warning This shared object has partial RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In partial RELRO, the non-PLT part of the GOT section is read only but .got.plt is still writeable. Use the option - z,relro,- z,now to enable full RELRO.	None info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
2	lib/armeabi-v7a/libkt.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
3	lib/armeabi-v7a/libgojni.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Full RELRO info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
4	lib/armeabi- v7a/libcom.fiskaly.client- v1.2.000.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Full RELRO info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
5	lib/armeabi-v7a/libctlskrnl.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
6	lib/armeabi-v7a/libsqlcipher.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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.	Partial RELRO warning This shared object has partial RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In partial RELRO, the non-PLT part of the GOT section is read only but .got.plt is still writeable. Use the option - z,relro,- z,now to enable full RELRO.	None info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
7	lib/armeabi-v7a/libk3.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
8	lib/armeabi-v7a/libnative-lib.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
9	lib/armeabi- v7a/libNativeBridge.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
10	lib/armeabi- v7a/libc++_shared.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
11	lib/armeabi-v7a/libk2.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
12	lib/armeabi-v7a/libvpos-lib.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
13	lib/armeabi- v7a/libjnidispatch.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Full RELRO info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
14	lib/armeabi-v7a/libep.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
15	lib/armeabi-v7a/libepos2.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
16	lib/armeabi-v7a/libvpos- shared.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
17	lib/mips64/libjnidispatch.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Partial RELRO warning This shared object has partial RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In partial RELRO, the non-PLT part of the GOT section is read only but .got.plt is still writeable. Use the option - z,relro,- z,now to enable full RELRO.	None info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
18	lib/x86/libkt.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
19	lib/x86/libgojni.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
20	lib/x86/libcom.fiskaly.client- v1.2.000.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
21	lib/x86/libctlskrnl.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
22	lib/x86/libsqlcipher.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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.	Partial RELRO warning This shared object has partial RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In partial RELRO, the non-PLT part of the GOT section is read only but .got.plt is still writeable. Use the option - z,relro,- z,now to enable full RELRO.	None info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
23	lib/x86/libk3.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
24	lib/x86/libnative-lib.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
25	lib/x86/libNativeBridge.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
26	lib/x86/libc++_shared.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
27	lib/x86/libk2.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
28	lib/x86/libvpos-lib.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
29	lib/x86/libjnidispatch.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Full RELRO info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
30	lib/x86/libep.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
31	lib/x86/libepos2.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
32	lib/x86/libvpos-shared.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
33	lib/arm64-v8a/libkt.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
34	lib/arm64-v8a/libgojni.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Full RELRO info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
35	lib/arm64- v8a/libcom.fiskaly.client- v1.2.000.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Full RELRO info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
36	lib/arm64-v8a/libctlskrnl.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	True info The shared object has the following fortified functions: ['memset_chk', 'memcpy_chk', 'vsnprintf_chk', 'read_chk']	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
37	lib/arm64-v8a/libsqlcipher.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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.	Partial RELRO warning This shared object has partial RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In partial RELRO, the non-PLT part of the GOT section is read only but .got.plt is still writeable. Use the option - z,relro,- z,now to enable full RELRO.	None info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
38	lib/arm64-v8a/libk3.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
39	lib/arm64-v8a/libnative-lib.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Full RELRO info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
40	lib/arm64- v8a/libNativeBridge.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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.	Partial RELRO warning This shared object has partial RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In partial RELRO, the non-PLT part of the GOT section is read only but .got.plt is still writeable. Use the option - z,relro,- z,now to enable full RELRO.	None info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
41	lib/arm64- v8a/libc++_shared.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	True info The shared object has the following fortified functions: ['vsnprintf_chk', 'strlen_chk', 'memmove_chk', 'read_chk']	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
42	lib/arm64-v8a/libk2.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	True info The shared object has the following fortified functions: ['vsprintf_chk', 'memcpy_chk', 'vsnprintf_chk', 'strlen_chk']	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
43	lib/arm64-v8a/libvpos-lib.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	True info The shared object has the following fortified functions: ['memmove_chk', 'memset_chk', 'memcpy_chk']	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
44	lib/arm64-v8a/libjnidispatch.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Partial RELRO warning This shared object has partial RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In partial RELRO, the non-PLT part of the GOT section is read only but .got.plt is still writeable. Use the option - z,relro,- z,now to enable full RELRO.	None info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
45	lib/arm64-v8a/libep.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
46	lib/arm64-v8a/libepos2.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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.	Partial RELRO warning This shared object has partial RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In partial RELRO, the non-PLT part of the GOT section is read only but .got.plt is still writeable. Use the option - z,relro,- z,now to enable full RELRO.	None info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
47	lib/arm64-v8a/libvpos- shared.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
48	lib/armeabi/libsqlcipher.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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.	Partial RELRO warning This shared object has partial RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In partial RELRO, the non-PLT part of the GOT section is read only but .got.plt is still writeable. Use the option - z,relro,- z,now to enable full RELRO.	None info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
49	lib/armeabi/libjnidispatch.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
50	lib/armeabi/libepos2.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
51	lib/x86_64/libkt.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
52	lib/x86_64/libgojni.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Full RELRO info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
53	lib/x86_64/libcom.fiskaly.client- v1.2.000.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Full RELRO info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
54	lib/x86_64/libctlskrnl.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
55	lib/x86_64/libsqlcipher.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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.	Partial RELRO warning This shared object has partial RELRO enabled. RELRO ensures that the GOT cannot be overwritten in vulnerable ELF binaries. In partial RELRO, the non-PLT part of the GOT section is read only but .got.plt is still writeable. Use the option - z,relro,- z,now to enable full RELRO.	None info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
56	lib/x86_64/libk3.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
57	lib/x86_64/libnative-lib.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Full RELRO info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
58	lib/x86_64/libNativeBridge.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
59	lib/x86_64/libc++_shared.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
60	lib/x86_64/libk2.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
61	lib/x86_64/libvpos-lib.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
62	lib/x86_64/libjnidispatch.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	False high This shared object 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.	Full RELRO info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
63	lib/x86_64/libep.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
64	lib/x86_64/libepos2.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
65	lib/x86_64/libvpos-shared.so	True info The shared object has NX bit set. This marks a memory page non- executable making attacker injected shellcode non- executable.	True info This shared object 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 info 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 info The shared object does not have run-time search path or RPATH set.	None info The shared object does not have RUNPATH set.	False warning The shared object 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.	True info Symbols are stripped.

## ■ NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION

## **Q DOMAIN MALWARE CHECK**

DOMAIN	STATUS	GEOLOCATION
www.lojasumup.com.br	ok	IP: 108.156.60.37  Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
api.sumup.com	ok	IP: 18.202.10.195 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
service.softpos.eu	ok	IP: 77.79.198.237 Country: Poland Region: Mazowieckie City: Warsaw Latitude: 52.229771 Longitude: 21.011780 View: Google Map

DOMAIN	STATUS	GEOLOCATION
sumup.sk	ok	IP: 108.156.60.20 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
decide.mixpanel.com	ok	IP: 35.190.25.25 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
sumup.com.br	ok	IP: 108.156.60.11 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
cdn.contentful.com	ok	IP: 151.101.38.49 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map

DOMAIN	STATUS	GEOLOCATION
cloud.crm.sumup.com	ok	IP: 13.111.35.38  Country: United States of America Region: California City: San Francisco Latitude: 37.788464 Longitude: -122.394608 View: Google Map
sumup.no	ok	IP: 108.156.60.20 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
in.appcenter.ms	ok	IP: 52.177.138.113 Country: United States of America Region: Virginia City: Boydton Latitude: 36.667641 Longitude: -78.387497 View: Google Map
sumup.com.cy	ok	IP: 108.156.60.60 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
poi-internal-homolog.stone.com.br	ok	IP: 199.250.254.158 Country: United States of America Region: Texas City: Dallas Latitude: 32.786999 Longitude: -96.798347 View: Google Map
api.onfido.com	ok	IP: 18.65.39.84 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
play.google.com	ok	IP: 142.251.36.46 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
demo1.softpos.eu	ok	IP: 77.79.198.234 Country: Poland Region: Mazowieckie City: Warsaw Latitude: 52.229771 Longitude: 21.011780 View: Google Map

DOMAIN	STATUS	GEOLOCATION
salesforce-marketingcloud.github.io	ok	IP: 185.199.111.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map
rapid7.debitoor.com	ok	IP: 188.114.97.3 Country: Spain Region: Madrid, Comunidad de City: Madrid Latitude: 40.416500 Longitude: -3.702560 View: Google Map
api.s.onfido.com	ok	No Geolocation information available.
schemas.xmlsoap.org	ok	IP: 13.107.246.67 Country: Netherlands Region: Noord-Holland City: Amsterdam Latitude: 52.374031 Longitude: 4.889690 View: Google Map
firebase-settings.crashlytics.com	ok	IP: 172.217.168.227  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
xmlpull.org	ok	IP: 74.50.61.58  Country: United States of America Region: Texas City: Dallas Latitude: 32.814899 Longitude: -96.879204 View: Google Map
sumup.com.mt	ok	IP: 108.156.60.11 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
dashboard-theta.sam-app.ro	ok	IP: 172.64.144.73 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
sandbox-auth-integration.stone.com.br	ok	IP: 199.250.254.156 Country: United States of America Region: Texas City: Dallas Latitude: 32.786999 Longitude: -96.798347 View: Google Map

DOMAIN	STATUS	GEOLOCATION
pombo-correio-api.stone.com.br	ok	IP: 104.18.38.63 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
sumup-pay.force.com	ok	IP: 85.222.146.149 Country: France Region: Ile-de-France City: Creteil Latitude: 48.783329 Longitude: 2.466670 View: Google Map
sf-gateway-api.sumup.com	ok	IP: 172.64.153.13 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
sumup.lt	ok	IP: 108.156.60.11 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
api.debitoor.com	ok	IP: 188.114.97.3 Country: Spain Region: Madrid, Comunidad de City: Madrid Latitude: 40.416500 Longitude: -3.702560 View: Google Map
tms-staging.stone.com.br	ok	No Geolocation information available.
hardware-mobile-edge.sumup.com	ok	IP: 104.18.34.243 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
api.whatsapp.com	ok	IP: 31.13.64.51 Country: Netherlands Region: Noord-Holland City: Amsterdam Latitude: 52.374031 Longitude: 4.889690 View: Google Map
sumup.lv	ok	IP: 108.156.60.11  Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
auth.sumupstore.com	ok	IP: 63.32.13.82 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
api-theta.sam-app.ro	ok	IP: 52.58.195.112 Country: Germany Region: Hessen City: Frankfurt am Main Latitude: 50.115520 Longitude: 8.684170 View: Google Map
sumup.pl	ok	IP: 108.156.60.60  Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
com.thoughtworks.xstream	ok	No Geolocation information available.
api.segment.io	ok	IP: 52.37.21.144 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map

DOMAIN	STATUS	GEOLOCATION
docs.google.com	ok	IP: 216.58.208.110 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
www.w3.org	ok	IP: 128.30.52.100 Country: United States of America Region: Massachusetts City: Cambridge Latitude: 42.365078 Longitude: -71.104523 View: Google Map
app.igodigital.com	ok	IP: 54.243.83.144 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
receipts-mobile-edge.k8s-eu-central-1-theta.external.sam-app.ro	ok	IP: 3.127.173.206 Country: Germany Region: Hessen City: Frankfurt am Main Latitude: 50.115520 Longitude: 8.684170 View: Google Map

DOMAIN	STATUS	GEOLOCATION
receipts-mobile-edge.sumup.com	ok	IP: 54.194.144.118 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
www.slf4j.org	ok	IP: 83.166.144.67 Country: Switzerland Region: Geneve City: Carouge Latitude: 46.180962 Longitude: 6.139210 View: Google Map
sumup.com	ok	IP: 108.156.60.11 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
sumup.es	ok	IP: 108.156.60.20 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
www.zetetic.net	ok	IP: 18.65.39.125 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map
journeyapps.com	ok	IP: 108.156.60.47 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
help.sumup.com	ok	IP: 54.194.144.118 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
test.softpos.eu	ok	No Geolocation information available.
sumup-78a17.firebaseio.com	ok	IP: 35.201.97.85 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map

DOMAIN	STATUS	GEOLOCATION
analytics-sdk.onfido.com	ok	IP: 52.16.105.12 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
sumup.fr	ok	IP: 108.156.60.12 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
txg-ng.sumup.com	ok	IP: 18.203.179.33 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
legal.sumupecommerce.com	ok	IP: 63.33.245.23 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map

DOMAIN	STATUS	GEOLOCATION
nl.sumup.be	ok	IP: 108.156.60.60 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
sumup.hr	ok	IP: 108.156.60.60 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
update.crashlytics.com	ok	IP: 142.250.179.163 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
tms.stone.com.br	ok	IP: 199.250.254.138  Country: United States of America Region: Texas City: Dallas Latitude: 32.786999 Longitude: -96.798347 View: Google Map

DOMAIN	STATUS	GEOLOCATION
auth.sumup.com	ok	IP: 104.18.34.243 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
assets.onfido.com	ok	IP: 108.156.60.117 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
sumup.nl	ok	IP: 108.156.60.60 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
ch-it.sumup.com	ok	IP: 108.156.60.20 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
labcert.stone.com.br	ok	IP: 200.7.12.218  Country: Brazil  Region: Sao Paulo  City: Sao Paulo  Latitude: -23.547501  Longitude: -46.636108  View: Google Map
xml.org	ok	IP: 104.239.240.11 Country: United States of America Region: Texas City: Windcrest Latitude: 29.499678 Longitude: -98.399246 View: Google Map
cdn-settings.segment.com	ok	IP: 108.156.63.108 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
tms-integration.stone.com.br	ok	No Geolocation information available.
sumup.be	ok	IP: 108.156.60.60 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
fr.sumup.be	ok	IP: 108.156.60.60 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
sumup.pt	ok	IP: 108.156.60.12 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
sumup.se	ok	IP: 108.156.60.11 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
sumup.gr	ok	IP: 108.156.60.11 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
dashboard.sam-app.ro	ok	IP: 104.18.43.183  Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
data.flurry.com	ok	IP: 87.248.116.12 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
sumup.it	ok	IP: 108.156.60.12 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
sse.sumup.com	ok	IP: 172.64.153.13 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
tms-internal-homolog.stone.com.br	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
api.mixpanel.com	ok	IP: 35.190.25.25 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
sumup.ch	ok	IP: 108.156.60.11 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
admin-api.sumup.store	ok	IP: 63.33.245.23 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
pos.stone.com.br	ok	IP: 199.250.254.133 Country: United States of America Region: Texas City: Dallas Latitude: 32.786999 Longitude: -96.798347 View: Google Map

DOMAIN	STATUS	GEOLOCATION
poihostcommunication.stone.com.br	ok	IP: 199.250.254.138  Country: United States of America Region: Texas City: Dallas Latitude: 32.786999 Longitude: -96.798347 View: Google Map
buy.sumup.com	ok	IP: 104.18.34.243 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
poidownloadmanager.stone.com.br	ok	IP: 199.250.254.138  Country: United States of America Region: Texas City: Dallas Latitude: 32.786999 Longitude: -96.798347 View: Google Map
api.sumup.debitoor.com	ok	IP: 188.114.97.3 Country: Spain Region: Madrid, Comunidad de City: Madrid Latitude: 40.416500 Longitude: -3.702560 View: Google Map
mobile-service.segment.com	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
static.sumup.com	ok	IP: 108.156.60.10 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
firebase.google.com	ok	IP: 142.251.39.110 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
sumup.bg	ok	IP: 108.156.60.60 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
mc7q2pc5cjlf8z2j5-5tqx4nkj10.device.marketingcloudapis.com	ok	IP: 68.232.201.178 Country: United States of America Region: California City: San Francisco Latitude: 37.788464 Longitude: -122.394608 View: Google Map

DOMAIN	STATUS	GEOLOCATION
support.sumup.com	ok	IP: 104.16.53.111 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
sumup.hu	ok	IP: 108.156.60.12 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
sumup.fi	ok	IP: 108.156.60.20 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
ch-fr.sumup.com	ok	IP: 108.156.60.12 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
sumup.dk	ok	IP: 108.156.60.20 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
www.epson-biz.com	ok	IP: 54.199.95.72 Country: Japan Region: Tokyo City: Tokyo Latitude: 35.689507 Longitude: 139.691696 View: Google Map
sumup.ro	ok	IP: 108.156.60.20 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
preview.contentful.com	ok	IP: 151.101.38.132 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map

DOMAIN	STATUS	GEOLOCATION
debitoor-mobile-bff.herokuapp.com	ok	IP: 54.78.134.111 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
portal.stone.com.br	ok	IP: 35.237.49.247 Country: United States of America Region: South Carolina City: North Charleston Latitude: 32.888561 Longitude: -80.007507 View: Google Map
triangle-ng.sumup.com	ok	IP: 172.64.153.13 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
uat.softpos.eu	ok	IP: 77.79.198.235 Country: Poland Region: Mazowieckie City: Warsaw Latitude: 52.229771 Longitude: 21.011780 View: Google Map

DOMAIN	STATUS	GEOLOCATION
sumup.lu	ok	IP: 108.156.60.11 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
fees-calculator.sumup.com	ok	IP: 54.194.144.118 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
sumup.co.uk	ok	IP: 108.156.60.60 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
sumup.at	ok	IP: 108.156.60.20 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
poistaging.stone.com.br	ok	IP: 199.250.254.154 Country: United States of America Region: Texas City: Dallas Latitude: 32.786999 Longitude: -96.798347 View: Google Map
mock.base.url	ok	No Geolocation information available.
reports.crashlytics.com	ok	No Geolocation information available.
ch-de.sumup.com	ok	IP: 108.156.60.60 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
www.company.com	ok	IP: 52.223.45.27 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map

DOMAIN	STATUS	GEOLOCATION
kassensichv.io	ok	IP: 35.198.188.136 Country: Germany Region: Hessen City: Frankfurt am Main Latitude: 50.115520 Longitude: 8.684170 View: Google Map
sumup.de	ok	IP: 108.156.60.20 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
github.com	ok	IP: 140.82.121.3  Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
dev1a.softpos.eu	ok	IP: 77.79.198.229 Country: Poland Region: Mazowieckie City: Warsaw Latitude: 52.229771 Longitude: 21.011780 View: Google Map

DOMAIN	STATUS	GEOLOCATION
www.openssl.org	ok	IP: 184.50.172.179 Country: Netherlands Region: Noord-Holland City: Amsterdam Latitude: 52.374031 Longitude: 4.889690 View: Google Map
www.stone.com.br	ok	IP: 104.18.38.63 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
me.sumup.com	ok	IP: 104.18.34.243 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
sumup.cl	ok	IP: 108.156.60.20 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
mobile.events.data.microsoft.com	ok	IP: 20.189.173.12 Country: United States of America Region: California City: San Francisco Latitude: 37.774929 Longitude: -122.419418 View: Google Map
sumup.ee	ok	IP: 108.156.60.11 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
ds-debitoor-api.herokuapp.com	ok	IP: 54.220.192.176 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map
sumup.cz	ok	IP: 108.156.60.11 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
sumup.si	ok	IP: 108.156.60.11  Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
www.example.com	ok	IP: 93.184.216.34 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
www.epson-pos.com	ok	IP: 18.182.228.187 Country: Japan Region: Tokyo City: Tokyo Latitude: 35.689507 Longitude: 139.691696 View: Google Map
proton.flurry.com	ok	No Geolocation information available.
sumup.ie	ok	IP: 108.156.60.11  Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
stage.app.igodigital.com	ok	IP: 3.213.255.131 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
ds-debitoor-mobile-bff.herokuapp.com	ok	IP: 54.73.53.134 Country: Ireland Region: Dublin City: Dublin Latitude: 53.343990 Longitude: -6.267190 View: Google Map

## FIREBASE DATABASES

FIREBASE URL	DETAILS
https://sumup-78a17.firebaseio.com	info App talks to a Firebase Database.



EMAIL	FILE
noreply@stone.com	stone/providers/SendEmailTransactionProvider.java
android-sdk@onfido.com	com/onfido/android/sdk/capture/OnfidoImpl\$handleActivityResult\$corruptedResultCallback\$1.java
u0001z@github.com	com/sumup/card/activation/AddressOuterClass.java
u0001z@github.com	com/sumup/card/activation/Service.java
support@sumup.com	com/sumup/merchant/util/SupportUtilsKt.java
invoices@sumup.com	com/sumup/invoice/android/settings/provider/LinksProvider.java
null@null.xml	com/thoughtworks/xstream/persistence/FilePersistenceStrategy.java

EMAIL	FILE
email@company.com name@yourcompany.com invoices@sumup.com meajuda@stone.om solo-register@sumup.com email@company.dk navn@dinvirksomhed.dk e-post@firma.no navn@dittfirma.com support@sumup.no email@unternehmen.de name@deinefirma.de sahkoposti@yritys.com nimi@yrityksesi.com email@bedrijf.com naam@jouwbedrijf.com email@firma.com nazwisko@nazwafirmy.com email@entreprise.com nom@exemple.com correoelectrónico@empresa.com nombre@ejemplo.com email@azienda.it nome@esempio.com email@empresa.pt nome@asuaempresa.pt epost@company.com namn@dittbolag.com suporte@sumup.com	Android String Resource

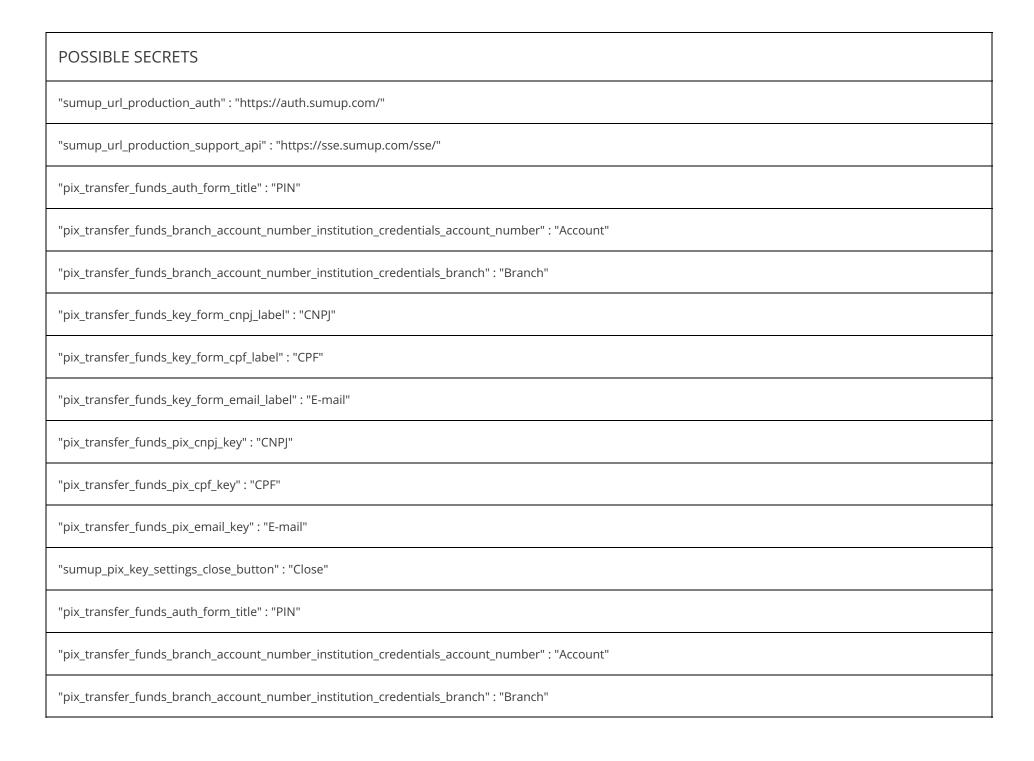


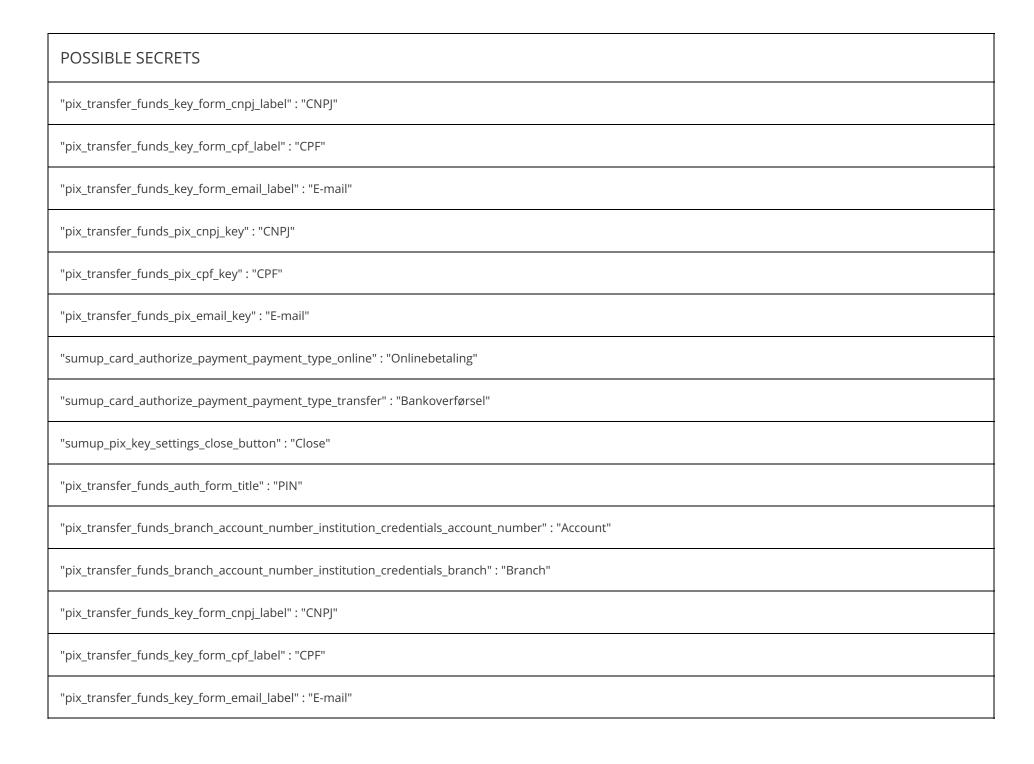
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Flurry	Advertisement, Analytics	https://reports.exodus-privacy.eu.org/trackers/25
Google CrashLytics	Crash reporting	https://reports.exodus-privacy.eu.org/trackers/27
Google Firebase Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/49
MixPanel	Advertisement, Analytics	https://reports.exodus-privacy.eu.org/trackers/118
Salesforce Marketing Cloud		https://reports.exodus-privacy.eu.org/trackers/220

## HARDCODED SECRETS

POSSIBLE SECRETS
"firebase_database_url" : "https://sumup-78a17.firebaseio.com"
"google_api_key" : "AlzaSyApYiuZcE0T48kBVyCEZqC2k1ZjMbdRmzM"
"google_crash_reporting_api_key" : "AlzaSyApYiuZcE0T48kBVyCEZqC2k1ZjMbdRmzM"
"library_android_database_sqlcipher_authorWebsite" : "https://www.zetetic.net/sqlcipher/"
"library_zxingandroidembedded_author" : "JourneyApps"
"library_zxingandroidembedded_authorWebsite" : "https://journeyapps.com/"
"pix_transfer_funds_auth_form_title" : "PIN"

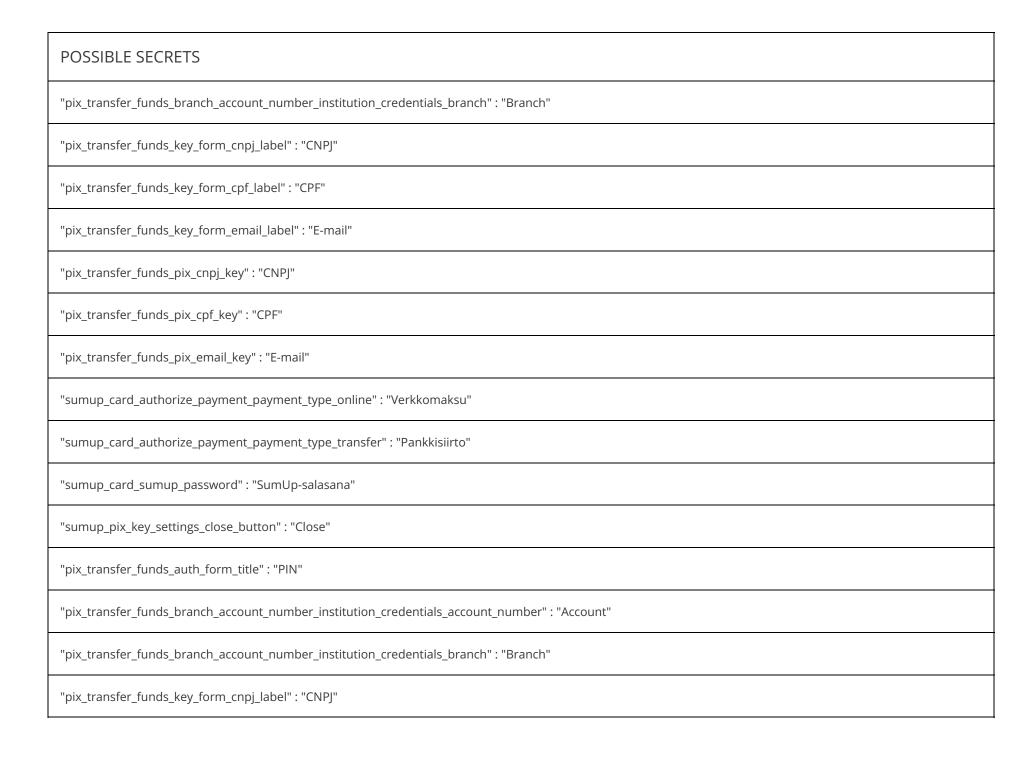
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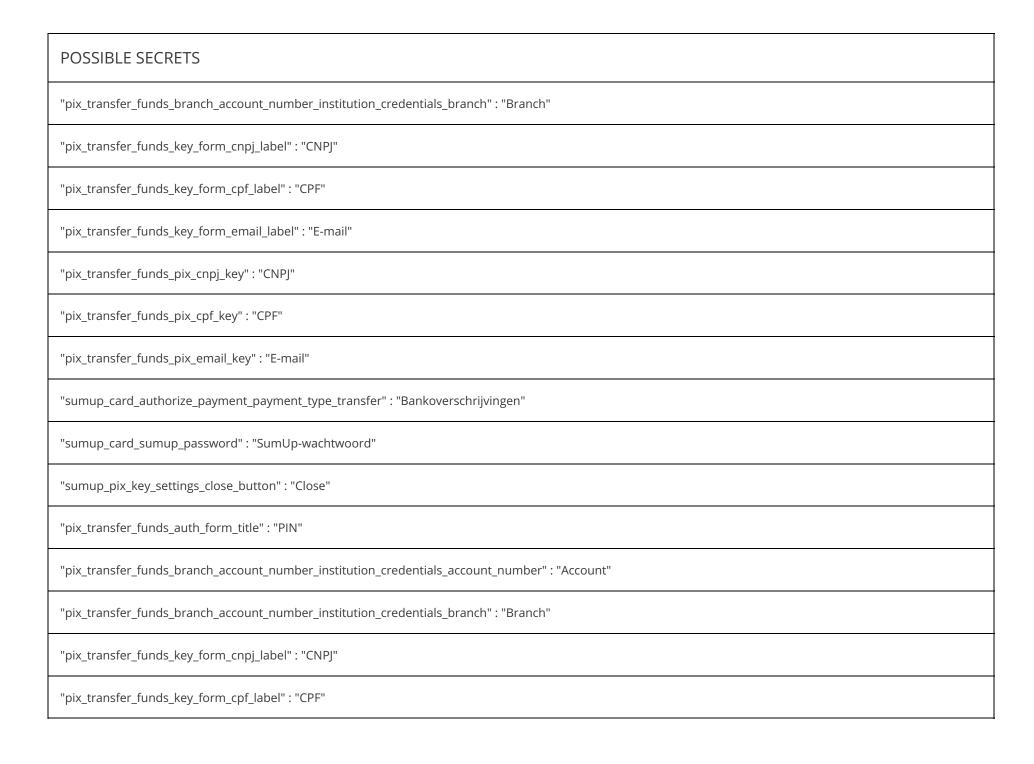


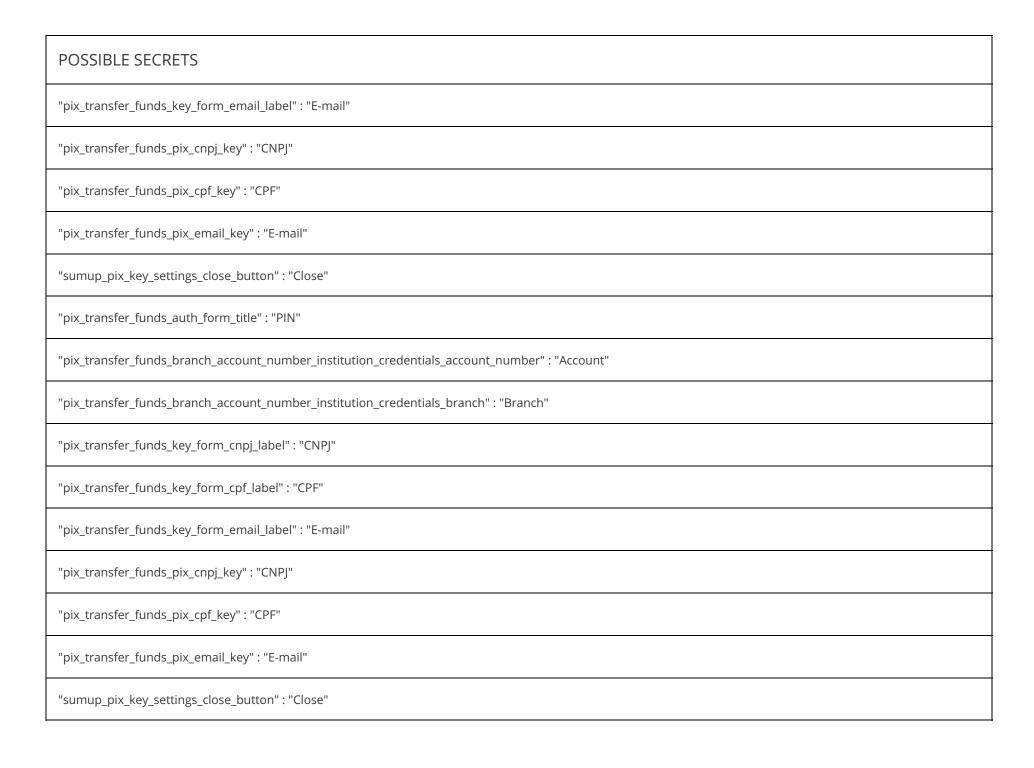




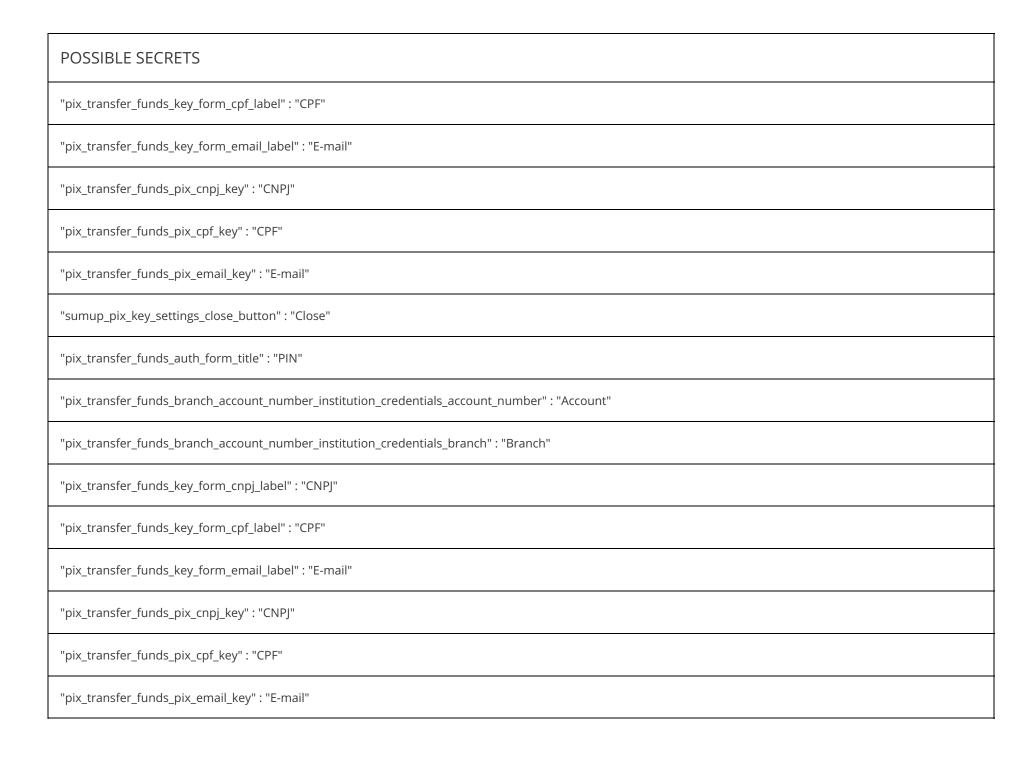




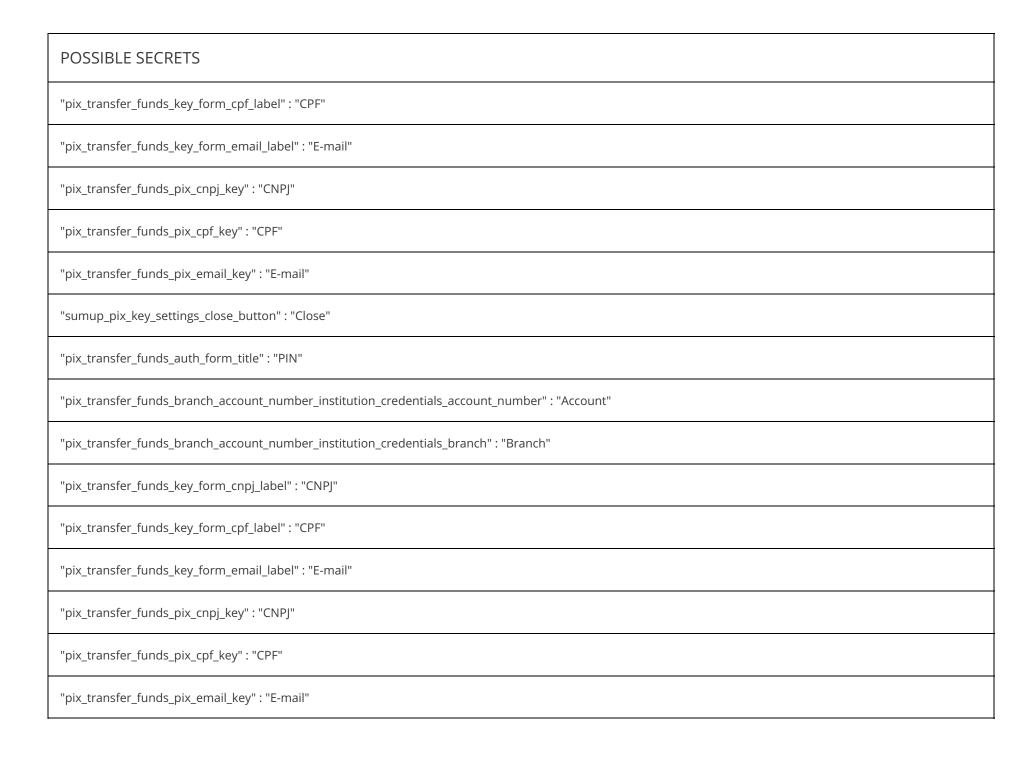




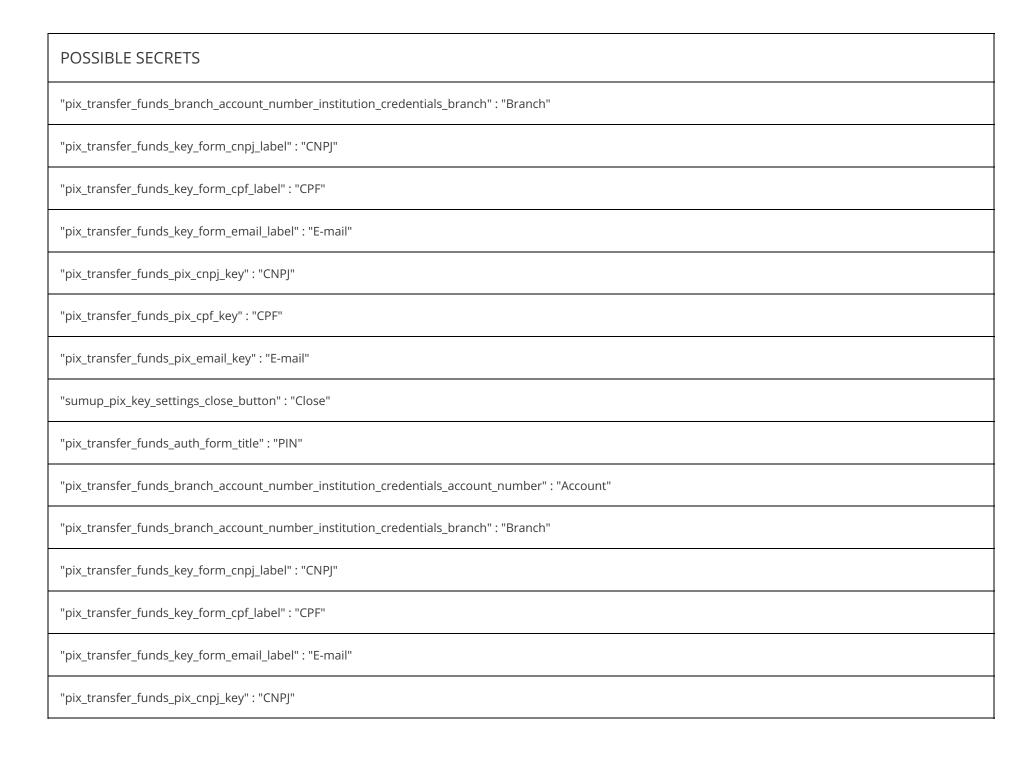


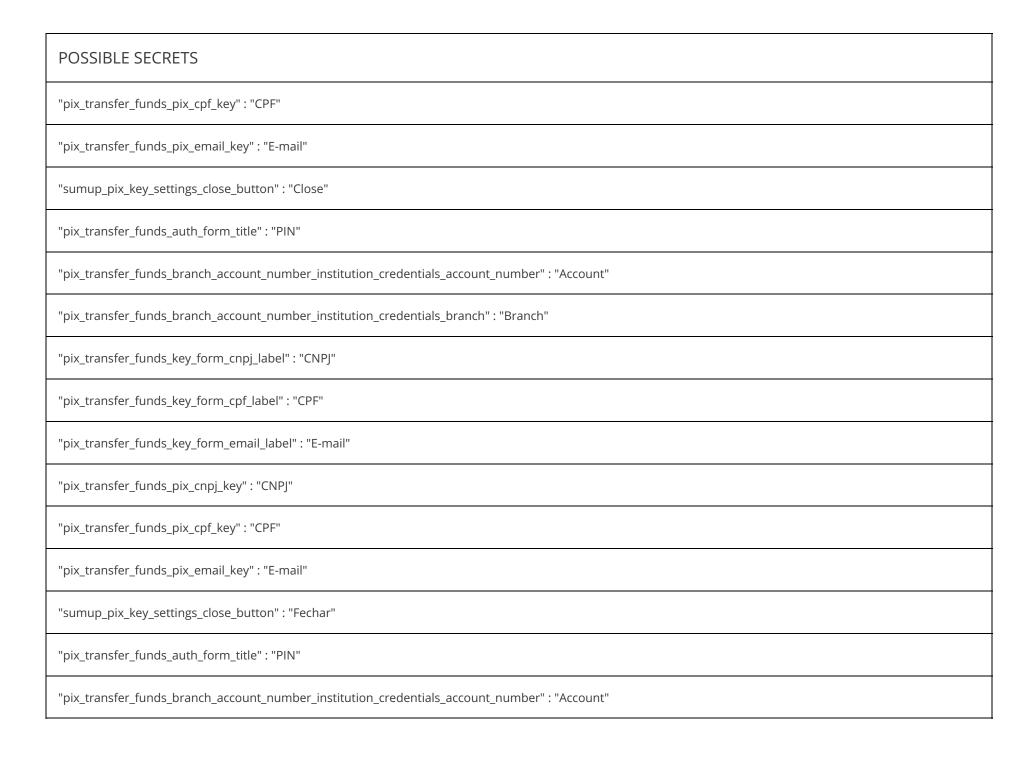




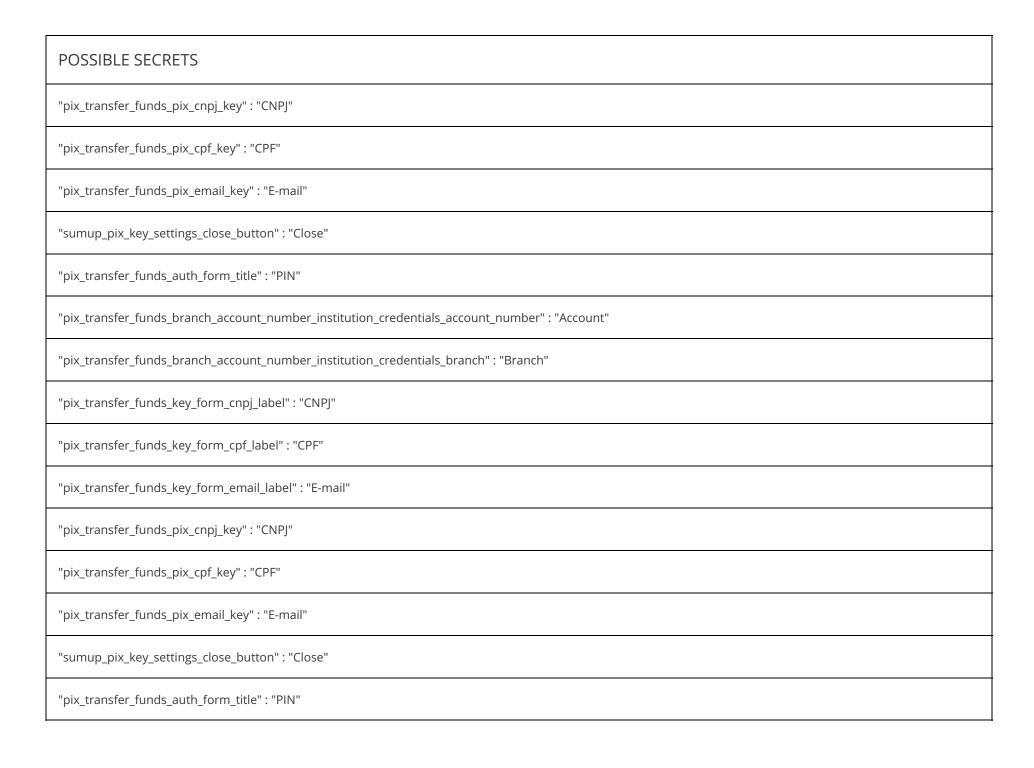


POSSIBLE SECRETS
"sumup_pix_key_settings_close_button" : "Close"
"pix_transfer_funds_auth_form_title" : "PIN"
"pix_transfer_funds_branch_account_number_institution_credentials_account_number" : "Account"
"pix_transfer_funds_branch_account_number_institution_credentials_branch" : "Branch"
"pix_transfer_funds_key_form_cnpj_label" : "CNPJ"
"pix_transfer_funds_key_form_cpf_label" : "CPF"
"pix_transfer_funds_key_form_email_label" : "E-mail"
"pix_transfer_funds_pix_cnpj_key" : "CNPJ"
"pix_transfer_funds_pix_cpf_key" : "CPF"
"pix_transfer_funds_pix_email_key" : "E-mail"
"sumup_card_authorize_payment_payment_type_online" : "Internetimakse"
"sumup_card_authorize_payment_payment_type_transfer" : "Pangaülekanne"
"sumup_pix_key_settings_close_button" : "Close"
"pix_transfer_funds_auth_form_title" : "PIN"
"pix_transfer_funds_branch_account_number_institution_credentials_account_number" : "Account"

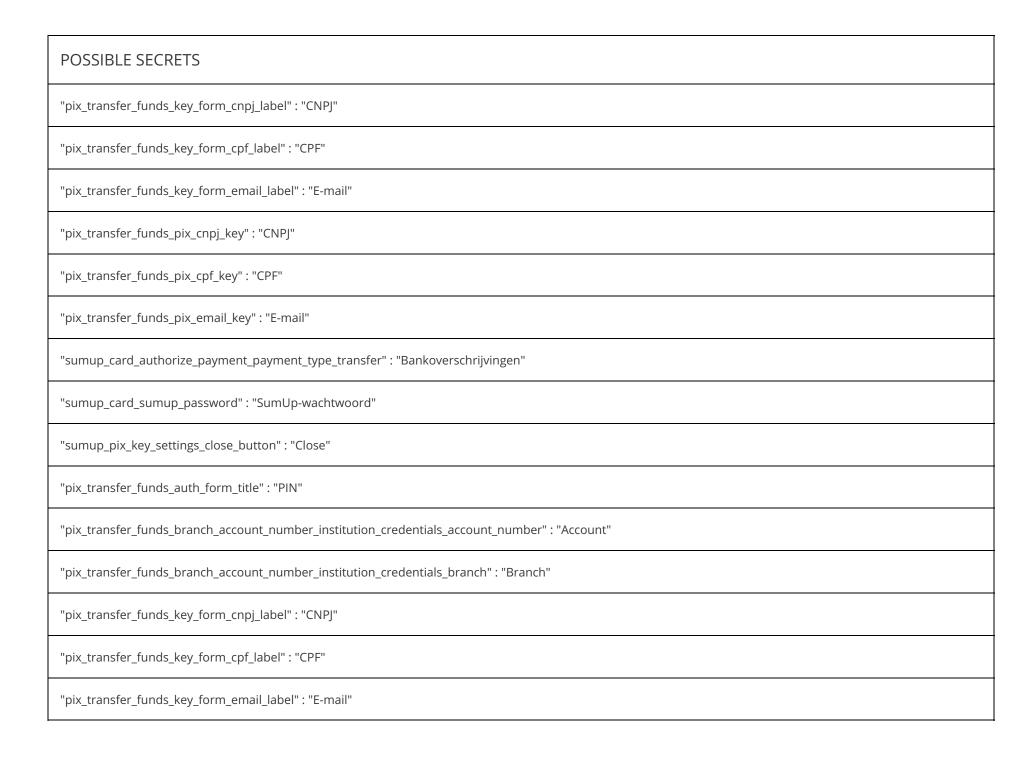






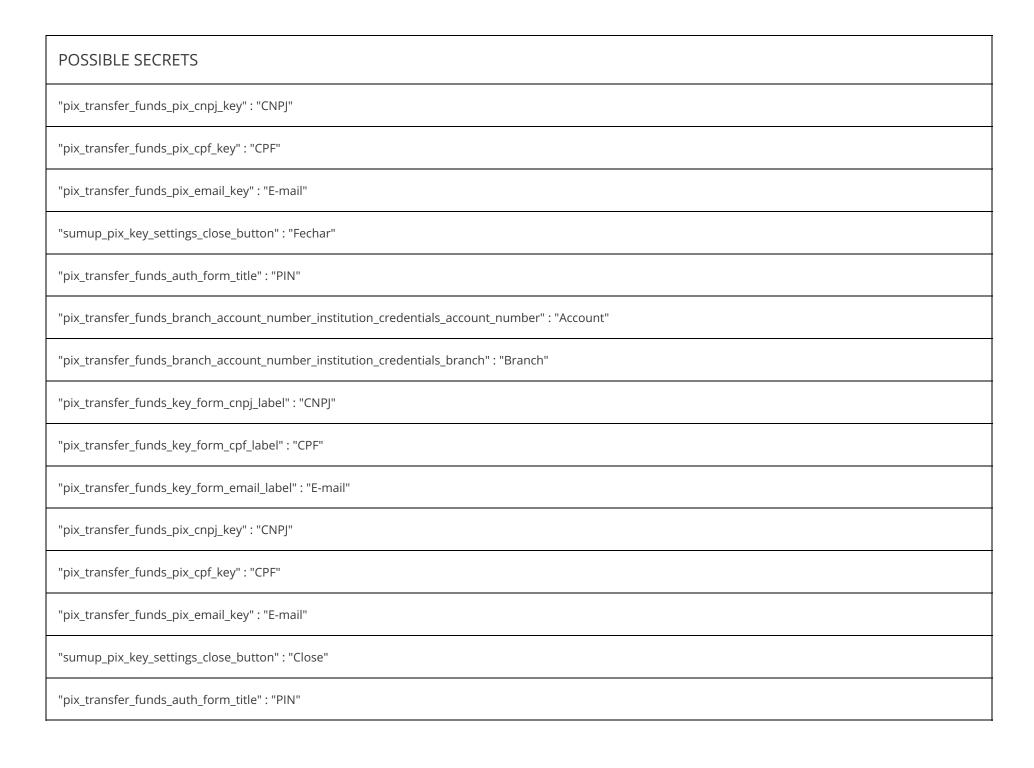


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# **POSSIBLE SECRETS** "pix\_transfer\_funds\_branch\_account\_number\_institution\_credentials\_account\_number": "Account" "pix\_transfer\_funds\_branch\_account\_number\_institution\_credentials\_branch": "Branch" "pix\_transfer\_funds\_key\_form\_cnpj\_label": "CNPJ" "pix\_transfer\_funds\_key\_form\_cpf\_label": "CPF" "pix\_transfer\_funds\_key\_form\_email\_label": "E-mail" "pix\_transfer\_funds\_pix\_cnpj\_key": "CNPJ" "pix\_transfer\_funds\_pix\_cpf\_key": "CPF" "pix\_transfer\_funds\_pix\_email\_key": "E-mail" "sumup\_pix\_key\_settings\_close\_button": "Close" "pix\_transfer\_funds\_auth\_form\_title": "Senha" "pix transfer funds branch account number institution credentials account number": "Conta" "pix\_transfer\_funds\_branch\_account\_number\_institution\_credentials\_branch": "Agência" "pix\_transfer\_funds\_key\_form\_cnpj\_label": "CNPJ" "pix\_transfer\_funds\_key\_form\_cpf\_label" : "CPF" "pix\_transfer\_funds\_key\_form\_email\_label": "E-mail"



## **POSSIBLE SECRETS** "pix transfer funds branch account number institution credentials account number": "Account" "pix\_transfer\_funds\_branch\_account\_number\_institution\_credentials\_branch": "Branch" "pix\_transfer\_funds\_key\_form\_cnpj\_label": "CNPJ" "pix\_transfer\_funds\_key\_form\_cpf\_label": "CPF" "pix\_transfer\_funds\_key\_form\_email\_label": "E-mail" "pix\_transfer\_funds\_pix\_cnpj\_key": "CNPJ" "pix\_transfer\_funds\_pix\_cpf\_key": "CPF" "pix\_transfer\_funds\_pix\_email\_key": "E-mail" "sumup\_pix\_key\_settings\_close\_button": "Close"

### > PLAYSTORE INFORMATION

Title: SumUp

Score: 2.86 Installs: 5,000,000+ Price: O Android Version Support: 6.0 and up Category: Business Play Store URL: com.kaching.merchant

Developer Details: SumUp, SumUp, None, https://sumup.com, info@sumup.com,

Release Date: Oct 20, 2015 Privacy Policy: Privacy link

Description:

SumUp App Business made simple The SumUp App makes it simple to accept payments and manage your business. Use our free app together with a SumUp mobile card reader to get paid anywhere. Our app also makes it easy to manage your item catalog, build an online store, sell gift cards, issue invoices, send payment links, and more.

These tools are intuitive and involve no binding contracts – all you pay is a fixed fee per transaction. So whether you need a mobile POS solution or you're looking for new ways to boost your business, we've got you covered. Card payments Download our app and pair your device with a SumUp Card Reader to take chip and contactless payments. With SumUp, you can accept credit cards and debit cards, plus Apple Pay and Google Pay. We also make it simple to set sales tax rates, add tipping options, and issue refunds. Items Create your own personalized item catalog. Use our payment app to add, edit, and delete items. Having your entire inventory at your fingertips makes transactions speedy and simple. You can also organize your items into categories, to make selling even easier. Payment Links The flexible way to get paid online. Simply enter the amount you want to charge, create a link, and share it with your customer via social media, SMS, or email. The link will take the customer to a secure website where they can complete the transaction. It's a great way to take cashless payments without a credit card reader. Invoices With SumUp Invoices, you can generate professional, legally compliant, on-brand invoices in minutes. When your customer receives an invoice, they'll have the option to pay securely online. Create and send as many invoices as you like with no service fees. There are also no costs for receiving payment by bank transfer – just a small fixed fee for card payments. Gift Cards Interested in a new revenue stream that requires minimal effort? Open the SumUp App and you'll find a gift card page for your business, ready to share. Your customers can buy digital gift cards for any amount, and personalize them by picking from a range of designs. You can manage the balance of every gift card you sell within the SumUp App.

#### Report Generated by - MobSF v3.5.2 Beta

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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