MOBSF

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:	B
Trackers Detection:	5/428

FINDINGS SEVERITY

HIGH	MEDIUM	INFO	SECURE	HOTSPOT
8	21	4	3	2

FILE INFORMATION

File Name: pay5.apk
Size: 148.04MB
MD5: bd3aa426ad50a0521caabcd5dd8eeaef
SHA1: 4dd34221109b4a585894fd0e2e2b2d18e91d0dfa
SHA256: f19c908904b0865225b10fd6f484c4fefda8e269f87f13629445a6d401c2783d

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

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

APKID ANALYSIS

FILE	DETAILS
classes.dex	FINDINGS: Anti-VM Code DETAILS: 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 FINDINGS: Compiler DETAILS: r8

<table>
<tr><th>FILE</th><th>DETAILS</th></tr>
<tr><td>classes2.dex</td><td>
<table>
<tr><th>FINDINGS</th><th>DETAILS</th></tr>
<tr><td>Compiler</td><td>r8</td></tr>
</table>
</td></tr>
<tr><td>classes3.dex</td><td>
<table>
<tr><th>FINDINGS</th><th>DETAILS</th></tr>
<tr><td>Anti-VM Code</td><td>possible VM check</td></tr>
<tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr>
</table>
</td></tr>
<tr><td>classes4.dex</td><td>
<table>
<tr><th>FINDINGS</th><th>DETAILS</th></tr>
<tr><td>Anti-VM Code</td><td>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</td></tr>
<tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr>
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<table>
<tr><th>FILE</th><th>DETAILS</th></tr>
<tr><td>classes5.dex</td><td>
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<tr><th>FINDINGS</th><th>DETAILS</th></tr>
<tr><td>Anti-VM Code</td><td>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</td></tr>
<tr><td>Anti Debug Code</td><td>Debug.isDebuggerConnected() check</td></tr>
<tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr>
</table>
</td></tr>
<tr><td>classes6.dex</td><td>
<table>
<tr><th>FINDINGS</th><th>DETAILS</th></tr>
<tr><td>Anti-VM Code</td><td>Build.FINGERPRINT check
Build.MANUFACTURER check
possible Build.SERIAL check</td></tr>
<tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr>
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<table>
<tr><th>FILE</th><th>DETAILS</th></tr>
<tr><td>classes7.dex</td><td>
<table>
<tr><th>FINDINGS</th><th>DETAILS</th></tr>
<tr><td>Anti-VM Code</td><td>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</td></tr>
<tr><td>Anti Debug Code</td><td>Debug.isDebuggerConnected() check</td></tr>
<tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr>
</table>
</td></tr>
<tr><td>classes8.dex</td><td>
<table>
<tr><th>FINDINGS</th><th>DETAILS</th></tr>
<tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr>
</table>
</td></tr>
<tr><td>classes9.dex</td><td>
<table>
<tr><th>FINDINGS</th><th>DETAILS</th></tr>
<tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr>
</table>
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</table>

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

MANIFEST ANALYSIS

NO	ISSUE	SEVERITY	DESCRIPTION

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/ExpensesKitTokenHandler.java lombok/eclipse/TransformEclipseAST.java com/sumup/merchant/print/epson/EpsonPrinterManager$discoverPrinters$1.java com/sumup/merchant/serverdriven/FlowState.java com/sumup/card/activation/usecase/CardSettingUseCase.java com/sumup/merchant/Network/rpcEvents/rpcEventStartVerification.java com/sumup/merchant/reader/presenter/ReceiptPresenter.java i/c/a/m/p/d/a0.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/sumup/merchant/referral/remoteconfig/ReferralsRemoteConfigHelper.java com/sumup/merchant/ui/Fragments/CheckoutFragmentFactory.java com/sumup/merchant/catalog/taxes/VatRateHelper.java com/sumup/merchant/shopping/TerminalFragment.java com/sumup/merchant/verification/VerificationProviderFactory.java i/c/a/n/o.java i/h/f/w/c.java com/sumup/merchant/reader/ui/ParallaxViewPager.java i/c/a/q/j/i.java com/sumup/card/domain/usecase/SplitPaymentUseCaseImpl.java com/sumup/merchant/reader/serverdriven/model/PhoneSpec.java i/c/a/m/o/t.java com/sumup/merchant/reader/jsonRpcUtilities/jsonEnvelope.java com/sumup/base/common/location/LocationServicesHealthTracker.java com/sumup/pos/merchant/PosDeviceService.java com/sumup/merchant/reader/network/rpcEvents/emv/rpcEventEmvServerResponse.java com/sumup/merchant/lending/LendingHelper.java com/sumup/merchant/print/ReceiptPrinterDiscovery.java com/sumup/card/activation/usecase/FeatureToggleUseCase.java com/sumup/mpts/utils/ClientBuilder.java com/sumup/card/transfer/TransferPresenter.java i/c/a/m/m/o/e.java com/sumup/merchant/catalog/data/AppCatalogRepository$catalogIntegrityErrorListener$1.java com/sumup/merchant/catalog/CatalogImageServ

NO	ISSUE	SEVERITY	STANDARDS	FILES
				ice$getUploadUrl$2.java i/d/z/h.java com/sumup/merchant/reader/jsonRpcUtilities/JsonRpcHttpClient.java com/sumup/merchant/account/AccountVerificationViewModel.java com/sumup/merchant/sales/SalesReceiptsController.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.java i/c/a/b.java com/sumup/merchant/ui/Fragments/PaxTerminalPageFragment.java i/c/a/m/n/h.java com/sumup/card/client/settings/ChangePinActivity.java com/sumup/merchant/util/SupportUtilsKt.java w/a/a.java net/sqlcipher/database/SQLiteDebug.java com/sumup/merchant/zreports/ZReportsKitHelper.java i/h/f/m/d/b.java com/sumup/merchant/reader/ReaderModuleCoreState.java com/sumup/merchant/print/bixolon/BixolonPrinterManager.java com/sumup/merchant/util/AssetUtils.java com/sumup/merchant/print/CloudPrintHelper.java com/sumup/merchant/webview/WebViewFragment.java com/sumup/merchant/reader/util/TextUtil.java com/sumup/merchant/presenter/PaxSetupPresenter.java com/sumup/merchant/ui/Activities/DashboardActivity.java i/u/s/a/e/n/i.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/sumup/base/common/permission/PermissionUtils.java com/sumup/merchant/reader/presenter/CardReaderPresenter.java com/sumup/merchant/payment/transaction/history/TransactionHistoryFragment.java com/sumup/taponphone/common/TapOnPhoneCapability.java i/c/a/m/m/o/c.java com/sumup/card/transaction/VerifyTransactionStatusActivity.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/TxSuccessFragment.java lombok/core/PublicApiCreatorApp.java com/sumup/merchant/print/star/StarRasterPrinter.java com/sumup/merchant/reader/troubleshooting/ui/BtTroubleshootingActivity.java com/sumup/merchant/sales/details/ui/SaleDetailsActivity.java i/c/a/m/p/d/q.java com/sumup/merchant/jsonRpcUtilities/JsonRpcHttpClient.java com/sumup/merchant/virtualterminal/SumupVirtualTerminalRemoteConfigHelper.java com/sumup/merchant/util/DrawableUtils.java i/c/a/m/o/d.java com/sumup/merchant/push/SalesForceHelper.java 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/ReferralsShareImageFileHelper.java lombok/bytecode/PostCompilerApp.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/sumup/receipts/core/data/extensions/TokenExtensionsKt.java com/sumup/merchant/reader/util/ViewUtils.java io/grpc/internal/ManagedChannelImpl.java com/sumup/merchant/sales/details/ui/SaleDetailsFragment.java com/sumup/merchant/reader/ui/fragments/CardReaderPaymentFragment.java com/sumup/merchant/auth/LegacyTokenProvider.java com/sumup/merchant/support/ui/troubleshooting/TroubleshootingIssueSelectionFragment.java com/sumup/card/client/settings/AccountSettingsPresenter.java com/sumup/taponphone/payment/SoftPosTapOnPhoneProvider.java com/sumup/sales/history/ModelsMappingKt.java i/u/s/a/e/j.java com/sumup/merchant/reader/bluetooth/SumUpBtSmartScanner.java com/sumup/merchant/reader/api/SumUpAPI.java com/sumup/merchant/catalog/CatalogViewModel.java com/sumup/designlib/soloui/components/SumUpSoloButtonNano.java com/sumup/card/CardManager.java com/sumup/merchant/reader/api/SumUpPayment.java com/sumup/merchant/reader/ui/fragments/CardReaderPaymentFragmentFactory.java com/sumup/card/transfer/SelfTransferPresenter.java com/sumup/card/client/settings/CardManagementPresenter.java com/sumup/merchant/bank/br/BankBRHelperKt.java com/sumup/merchant/payment/transaction/history/service/rpcEventGetTransactionHistory.java com/sumup/card/mfa/settings/ScaCardSettingsP

NO	ISSUE	SEVERITY	STANDARDS	FILES
				resenter.java com/sumup/card/utils/CardUtils.java com/sumup/base/common/util/UrlUtils.java com/sumup/card/client/overview/businessaccount/BusinessAccountPresenter.java lombok/core/configuration/ConfigurationProblemReporter.java com/sumup/card/CardRepositoryImpl.java com/sumup/merchant/util/Utils.java com/sumup/sales/SalesLib.java com/sumup/merchant/catalog/taxes/TaxesSettingsFragment.java com/sumup/merchant/Network/rpcEvents/RpcEventGetFees.java i/c/a/n/e.java com/sumup/merchant/connect/ConnectViewModel.java lombok/core/debug/FileLog.java com/sumup/pos/common/RemoteApiExtensionsKt.java com/sumup/card/transaction/VerifyTransactionPresenter.java com/sumup/merchant/reader/ui/activities/CardReaderSetupActivity.java com/sumup/merchant/push/MarketingCloudPushManager.java com/sumup/card/client/settings/ChangePinPresenter.java com/sumup/card/client/overview/businessaccount/BusinessAccountFragment.java i/c/a/m/n/z/j.java com/sumup/sales/common/RemoteApiExtensionsKt.java com/sumup/merchant/api/LoadSumUpPaymentsActivity.java i/c/a/n/f.java com/sumup/merchant/referral/ReferralFragment.java com/sumup/merchant/Network/rpcManager.java com/sumup/merchant/account/AccountActivity.j

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/sumup/merchant/main/LogOutUseCase.java lombok/javac/JavacAST.java com/sumup/merchant/helpers/CardLibHelper.java com/sumup/merchant/reader/controllers/CardReaderBTSmartDiscoveryController.java com/sumup/merchant/helpers/QrCodeHelper.java com/sumup/merchant/sales/TransactionResultKt.java com/sumup/merchant/bank/BankEnvironmentInfoProvider.java i/h/f/w/d0.java com/sumup/card/mfa/code/VerifyMfaCodeActivity.java com/sumup/merchant/reader/ui/fragments/ReadCardFragment.java i/c/a/m/n/i.java com/sumup/merchant/presenter/StoneCheckoutPresenter.java i/h/f/w/u0.java com/sumup/merchant/support/presenter/SupportPresenter.java lombok/bytecode/PoolConstantsApp.java com/sumup/base/common/util/TimeUtils.java com/sumup/merchant/reader/helpers/ReaderQualityIndicatorEventHandler.java lombok/javac/handlers/HandleBuilder.java i/c/a/o/e.java com/sumup/merchant/support/ui/RegisterSupportFragment.java net/sqlcipher/database/SQLiteDatabase.java com/sumup/identity/token/AppAuthTokenProvider$getToken$1$getTokenResult$1.java com/sumup/merchant/Network/rpcEvents/rpcEvent.java com/sumup/merchant/reader/identitylib/util/Utils.java com/sumup/merchant/util/UriUtils.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
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/designlib/circuitui/components/SumUpBadge.java com/sumup/taponphone/overview/TapOnPhoneOverviewViewModel.java com/sumup/merchant/bluetooth/BluetoothPairer.java lombok/javac/HandlerLibrary.java com/sumup/card/transfer/InitiateTransferActivity.java com/sumup/merchant/helpers/RpcEventProgressHelper.java com/sumup/merchant/reader/helpers/BluetoothHelper.java com/sumup/merchant/sales/SalesHistoryAPIFeatureFlag.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/troubleshooting/replacement/DeviceReplacementAddressSubmissionFragment.java com/sumup/identity/token/AppAuthTokenProvider$getToken$1.java com/sumup/merchant/reader/api/ReaderAffiliateHelper.java com/sumup/merchant/reader/ui/fragments/ManualEntryFragment.java com/sumup/card/dashboard/CardDashboardFragment.java com/sumup/card/bank/debits/DirectDebitsPresenter.java i/c/a/m/o/s.java com/sumup/merchant/helpers/StoneCheckoutHelper.java com/sumup/card/activation/AccountDetailsFragment.java i/c/a/m/n/a0/e.java com/sumup/merchant/sales/SalesCheckoutController.java lombok/javac/CompilerMessageSuppressor.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/sumup/merchant/mpts/SumupMPTSRemoteConfigHelper.java lombok/delombok/Delombok.java com/sumup/merchant/print/epson/EpsonPrinterManager.java com/sumup/merchant/reader/controllers/CardReaderSetupController.java com/sumup/cataloglib/editor/ui/ItemEditorViewModel.java com/sumup/fiscalization/Fiskaly.java i/c/a/m/o/f.java com/sun/jna/Native.java com/sumup/merchant/managers/PreferencesManager.java io/grpc/okhttp/internal/Platform.java com/sumup/merchant/vouchers/remoteconfig/SumUpVouchersRemoteConfigHelper.java com/sumup/merchant/reader/troubleshooting/ui/ReaderNotConnectedFragment.java i/h/f/w/f0.java com/sumup/merchant/reader/ui/fragments/PinPlusOverlayPageFragment.java i/h/f/w/z0.java com/sumup/merchant/cardreader/ReaderModuleManager.java com/sumup/merchant/invoices/InvoicesKitHelper.java com/sumup/merchant/print/epson/EpsonPrinter$special$$inlined$CoroutineExceptionHandler$1.java com/sumup/merchant/reader/controllers/CardReaderFirmwareUpdateController.java com/sumup/card/pix/PixWebViewViewModel.java i/c/a/m/n/k.java i/u/s/a/c/d.java com/sumup/designlib/soloui/extensions/TextViewExtensionsKt.java i/c/a/m/p/h/a.java com/sumup/merchant/sales/details/SaleDetailsRepository.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/sumup/merchant/payment/transaction/details/TransactionDetailsActivity.java com/sumup/base/common/location/GoogleLocationServicesManager.java com/sumup/card/networking/NetworkingClient.java com/sumup/merchant/reader/network/rpcManager.java com/sumup/card/transaction/VerifyTransactionActivity.java com/sumup/card/dashboard/JsonUtil.java com/sumup/merchant/reader/controllers/FirmwareDownloadController.java i/h/f/w/g.java i/u/s/a/e/l.java i/h/f/w/c1.java i/c/a/m/o/c.java net/sqlcipher/database/SQLiteQueryBuilder.java com/sumup/card/client/settings/AccountSettingsActivity.java i/c/a/m/p/d/d.java i/h/f/w/o.java i/u/g/g/d.java com/sumup/card/client/settings/AccountDetailsPresenter.java com/sumup/merchant/reader/network/rpcEvents/rpcEvent.java com/sumup/merchant/sales/SalesReceiptsController$downloadReceiptBitmap$2.java com/sumup/merchant/payment/transaction/history/TransactionHistoryPresenter.java com/sumup/designlib/circuitui/components/SumUpButtonBase.java com/sumup/cataloglib/ui/list/inventory/InventoryListViewModel.java com/sumup/merchant/reader/models/AffiliateModel.java com/sumup/card/pix/PixFeatureManagerImpl.java com/sumup/merchant/sales/SalesReceiptsController$downloadTransactionReceiptImage$2.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/sumup/merchant/reader/serverdriven/models/Params.java i/u/s/a/b.java com/sumup/merchant/ui/Views/MoneyEditText.java 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/AppAuthTokenProvider.java com/sumup/merchant/SumUpApp.java com/sumup/merchant/reader/helpers/RpcEventProgressHelper.java com/sumup/pos/merchant/security/PosSecurityKeysStorage.java com/sumup/merchant/tipping/SmartTippingConfigKt.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/TapOnPhonePaymentViewModel.java com/sumup/merchant/ui/Fragments/RefundConfirmAmountFragment.java com/sumup/base/common/ui/SumUpBaseActivity.java com/sumup/merchant/Network/rpcEvents/rpcEventCheckout.java com/sumup/merchant/ui/Activities/MainActivity.java com/sumup/merchant/sales/PosSalesReceiptsAPIHelper.java i/c/a/m/p/h/j.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/sumup/merchant/controllers/PaxBTClassicDiscoveryController.java i/u/u/b/d.java com/sumup/merchant/Network/rpcEvents/rpcEventGetTransactionStatus.java com/sumup/designlib/circuitui/components/SumUpContextualNavigation.java lombok/patcher/Version.java com/sumup/referrals/domain/models/ShareInvitationEventKt.java i/u/s/a/e/n/e.java com/sumup/oskit/common/error/Logger.java com/sumup/taponphone/overview/TapOnPhoneOverviewFragment.java com/sumup/merchant/ui/Activities/CheckoutAPIDrivenPageActivity.java i/c/a/n/s.java com/sumup/card/completeprofile/usecase/UpdateProfileUseCase.java com/sumup/card/transfer/TransferDetailsPresenter.java com/sumup/card/transfer/TransferFundsActivity.java com/sumup/base/analytics/monitoring/PythiaLoggerHelper.java com/sumup/identity/auth/AppAuthManager.java i/c/a/m/m/l.java com/sumup/merchant/payment/transaction/details/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.java com/sumup/merchant/print/epson/EpsonPrinter$special$$inlined$CoroutineExceptionHandler$2.java com/sumup/merchant/ui/ParallaxViewPager.java com/sumup/merchant/reader/ui/activities/CardReaderPaymentAPIDrivenPageActivity.java com/sumup/merchant/print/PrinterDiscoveryFra

NO	ISSUE	SEVERITY	STANDARDS	FILES
				gment.java lombok/core/runtimeDependencies/CreateLombokRuntimeApp.java com/sumup/merchant/reader/serverdriven/CardReaderPaymentFlowState.java com/sumup/merchant/extensions/StringExtensionsKt.java i/c/a/m/p/h/d.java lombok/core/Version.java lombok/delombok/DelombokApp.java i/h/f/w/v0.java com/sumup/merchant/ui/Fragments/SettingsFragment.java com/sumup/autoreceipt/extensions/TokenProviderExtensionsKt.java com/thoughtworks/xstream/core/JVM.java i/u/u/g/o.java i/u/s/a/c/b.java i/c/a/m/m/b.java com/sumup/merchant/reader/controllers/AirUsbDiscoveryController.java lombok/core/DiagnosticsReceiver.java com/sumup/merchant/reader/cardreader/events/CardReaderReadyEvent.java com/sumup/merchant/print/epson/EpsonPrinter.java com/sumup/merchant/reader/util/RSAUtils.java com/sumup/merchant/catalog/ManualEntryActivity.java i/c/a/m/n/z/k.java com/bumptech/glide/load/resource/bitmap/DefaultImageHeaderParser.java com/sumup/merchant/reader/ui/animations/CheckoutAnimationManager.java com/sumup/base/common/util/OSUtils.java com/sumup/card/biometric/BiometricCallbackV23.java lombok/core/Main.java com/sumup/merchant/expenses/ExpensesKitHelper.java com/sumup/card/bank/debits/auth/DirectDebits

NO	ISSUE	SEVERITY	STANDARDS	FILES
				AuthPresenter.java lombok/javac/handlers/JavacSingularsRecipes.java 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/ShareInvitationEventsAPI.java com/sumup/merchant/zreports/ZReportsKitTokenHandler.java com/sumup/card/mfa/code/VerifyMfaCodePresenter.java com/sumup/card/activation/usecase/CardPushNotificationPreferenceUseCase.java com/sumup/merchant/cookie/CookiePreferencesViewModel.java com/sumup/merchant/reader/network/rpcEvents/rpcEventCheckout.java com/sumup/merchant/util/TextUtil.java com/sumup/merchant/catalog/data/AppCatalogRepository.java lombok/eclipse/handlers/EclipseSingularsRecipes.java i/c/a/l/e.java i/u/s/a/c/c.java com/sumup/merchant/reader/cardreader/ReaderCoreManager.java lombok/patcher/scripts/SetSymbolDuringMethodCallScript.java com/sumup/card/data/repository/VerifyCardRepositoryImpl.java com/sumup/merchant/payment/payout/history/PayoutHistoryFragment.java com/sumup/merchant/reader/controllers/CardReaderFirmwareFileLoadController.java com/sumup/merchant/reader/network/rpcEvents/rpcEventGetTransactionStatus.java lombok/core/debug/ProblemReporter.java com/sumup/merchant/catalog/ProductsAdapter.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				i/c/a/m/n/a0/i.java com/sumup/pos/merchant/storage/PosDeviceStorage.java
				i/c/a/m/n/b0/b.java com/sumup/merchant/referral/reward/RewardFragment.java com/sumup/card/transfer/SelfTransferActivity.java i/c/a/m/p/d/c.java com/sumup/merchant/reader/controllers/EmvCardReaderController.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.java com/sumup/merchant/sales/SalesReceiptsController$downloadSaleReceiptAsPdf$1.java com/sumup/merchant/sales/SalesReceiptsController$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.java com/salesforce/marketingcloud/storage/db/upgrades/e.java com/salesforce/marketingcloud/storage/db/upgrades/f.java i/k/a/n/l/a.java com/salesforce/marketingcloud/storage/db/k.java com/salesforce/marketingcloud/storage/db/upgrades/c.java com/salesforce/marketingcloud/storage/db/upgrades/h.java stone/database/SQLiteHelper.java i/k/a/m/a.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				stone/database/pinpad/PinpadDAO.java i/l/a/b/b/d/s.java stone/database/pinpad/PinpadRepository.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	com/salesforce/marketingcloud/storage/db/a.java com/salesforce/marketingcloud/storage/db/upgrades/i.java com/salesforce/marketingcloud/storage/db/upgrades/b.java com/salesforce/marketingcloud/storage/db/upgrades/a.java com/salesforce/marketingcloud/storage/db/e.java i/l/a/b/n.java stone/database/transaction/TransactionSQLiteHelper.java com/salesforce/marketingcloud/storage/db/g.java com/salesforce/marketingcloud/storage/db/j.java com/salesforce/marketingcloud/storage/db/c.java com/salesforce/marketingcloud/storage/db/upgrades/g.java com/salesforce/marketingcloud/storage/db/h.java com/salesforce/marketingcloud/storage/db/upgrades/d.java com/salesforce/marketingcloud/storage/db/m.java com/salesforce/marketingcloud/storage/db/l.java com/salesforce/marketingcloud/storage/db/i.java com/salesforce/marketingcloud/storage/db/f.java stone/database/transaction/InternalTransactionDAO.java
				com/sumup/payments/registry/data/model/payout/Link.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/sumup/merchant/Network/rpcProtocol.java com/sumup/referrals/domain/adapters/TemplateTextDeserializerKt.java com/onfido/android/sdk/capture/ui/camera/CaptureActivity.java com/sumup/merchant/home/mappers/AccountHomeMapper.java com/payarto/vpos/mobile/api/structs/response/AppInfoResponse.java com/sumup/merchant/api/SumUpAPI.java com/sumup/merchant/mpts/carousel/MPTSTutorialActivity.java com/epson/epos2/printer/FirmwareDownloader.java com/sumup/card/helper/ConstantsKt.java com/sumup/invoice/android/invoiceCreate/ui/InvoiceBuilderActivityKt.java com/sumup/pix/out/features/PixOutActivity.java com/sumup/invoice/android/settings/ui/InvoiceCompanySettingsActivityKt.java com/sumup/merchant/reader/jsonRpcUtilities/JsonRpcHttpClient.java com/sumup/invoice/android/network/PaymentTermsRepositoryKt.java com/sumup/pos/merchant/generated/model/OperationalDataFiskalyCredentialsApiModel.java com/sumup/merchant/home/mappers/DonateHomeMapper.java com/sumup/merchant/home/mappers/ProductFillerHomeMapper.java com/sumup/merchant/profile/ProfileUiMapper.java com/sumup/card/pix/provider/AuthorizationMethodProviderImpl.java i/c/a/m/n/w.java com/sumup/pix/out/presentation/PixOutUiState.java stone/database/transaction/TransactionObject.java com/sumup/pix/out/presentation/ReceiptUiState

NO	ISSUE	SEVERITY	STANDARDS	FILES
				Kt.java com/sumup/invoice/android/invoiceMarkPaid/ui/InvoiceMarkPaidActivityKt.java com/sumup/merchant/jsonRpcUtilities/JsonRpcHttpClient.java com/sumup/merchant/home/mappers/PixHomeMapper.java com/sumup/invoice/android/settings/dal/CompanySettingsHelperKt.java com/sumup/card/cardmanagement/presentation/unblockcard/UnblockCardUiStateKt.java com/sumup/card/networking/interceptors/DirectDebitsInterceptorKt.java com/sumup/payments/registry/generated/model/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.java com/sumup/pos/merchant/generated/model/RegisterDeviceRequestApiModel.java com/sumup/kyc/verification/presentation/IDVVerificationActivityKt.java com/sumup/merchant/home/mappers/ItemsHomeMapper.java com/sumup/invoice/android/countryPicker/ui/CountryPickerDialogKt.java com/sumup/merchant/support/DeviceReplacementImageServiceKt.java com/sumup/card/cardmanagement/presentation/CardCentralUiStateKt.java br/com/stone/pos/android/service/container/domain/model/PendingTransaction.java com/sumup/invoice/android/onboarding/dal/OnboardingFlagsRepositoryKt.java com/sumup/invoice/android/dashboard/ui/listIn

NO	ISSUE	SEVERITY	STANDARDS	FILES
				voices/ListOfInvoicesFragmentKt.java com/sumup/merchant/referral/tracker/ReferralTrackingKt.java com/payarto/vpos/mobile/api/structs/request/InitTransactionRequest.java com/sumup/merchant/home/mappers/CompleteSignupNotificationHomeMapper.java com/onfido/android/sdk/capture/ui/camera/CaptureUploadService.java i/h/f/m/d/j/c.java com/sumup/referrals/domain/models/common/TemplateText.java com/sumup/merchant/home/mappers/QrCodeHomeMapper.java com/sumup/invoice/android/paywalls/dal/PaywallsFlagsRepositoryKt.java com/sumup/invoice/android/about/ui/PreviewPdfByUrlFragmentKt.java com/sumup/invoice/android/utils/UtilConstantsKt.java com/sumup/merchant/home/mappers/VerificationNotificationHomeMapper.java i/c/a/m/g.java com/sumup/invoice/android/Constants.java com/sumup/mpts/features/model/FeatureConfiguration.java k/a/a/b/h/d.java com/sumup/merchant/home/mappers/UpdateFirmwareNotificationHomeMapper.java stone/utils/encryption/EncryptionUtil.java com/sumup/merchant/tracking/DeepLinkTrackerKt.java br/com/stone/payment/domain/mapping/BrandInfo.java com/sumup/merchant/support/data/AuthenticationData.java stone/utils/GlobalInformations.java com/sumup/invoice/android/invoiceCreate/ui/InvoiceAddEditProductFragmentKt.java com/sumup/merchant/textparser/LocalizableStri

NO	ISSUE	SEVERITY	STANDARDS	FILES
				ngsDeserializerKt.java com/sumup/merchant/reader/ui/fragments/ListSelectionFragment.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	com/payarto/vpos/mobile/api/structs/request/RegistrationRequest.java com/onfido/android/sdk/capture/analytics/AnalyticsInteractor.java com/sumup/merchant/home/mappers/MarketplaceHomeMapper.java com/sumup/merchant/home/mappers/LendingHomeMapper.java com/sumup/kyc/verification/presentation/artifact/ArtifactTypeDialogFragment.java com/sumup/base/common/deeplink/DeepLinkConfig.java com/sumup/pix/out/presentation/PixOutUiStateKt.java com/payarto/vpos/mobile/api/structs/request/OAuthorizeRequest.java com/payarto/vpos/emv/vpos/model/TxInitStruct.java com/sumup/merchant/home/mappers/OnlineStoreHomeMapper.java com/sumup/invoice/android/settings/ui/detailedinfo/DetailedCompanyInfoFragmentKt.java com/sumup/merchant/textparser/LocalizableStringsDeserializer.java com/sumup/pix/out/features/success/PixOutSuccessFragment.java com/salesforce/marketingcloud/events/g.java com/onfido/android/sdk/capture/common/permissions/PermissionsManagementFragment.java com/sumup/merchant/ui/Fragments/ChoosePaymentTypeFragment.java stone/database/transaction/TransactionSQLiteHelper.java com/sumup/merchant/reader/network/rpcProtocol.java com/sumup/invoice/android/customerPicker/ui/addEditCustomer/AddEditCustomerFragmentKt.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/sumup/card/cardmanagement/presentation/CardManagementUiStateKt.java com/sumup/invoice/android/invoiceCreate/ui/OptionsMenuModalFragmentKt.java com/sumup/merchant/home/mappers/PaymentLinksHomeMapper.java com/payarto/vpos/mobile/api/structs/request/PinInitRequest.java stone/user/UserModel.java com/sumup/merchant/catalog/onboarding/OnBoardingMerchantsActivity.java com/sumup/invoice/android/paywalls/ui/PaywallFragmentKt.java i/u/e/f/d/b/j.java com/sumup/merchant/reader/models/CheckoutResponseData.java com/salesforce/marketingcloud/events/h.java com/sumup/merchant/cache/CachingPolicy.java com/sumup/invoice/android/customerPicker/CustomerCatalogNavigatorKt.java com/sumup/merchant/home/mappers/ConnectHomeMapper.java com/sumup/fiscalization/model/FiskalyTransactionResponse.java com/sumup/invoice/android/invoiceCreate/ui/dialog/CloseInvoiceBuilderDialogKt.java com/sumup/invoice/android/paywalls/ui/PowerUserFragmentKt.java i/c/a/m/n/d.java com/sumup/merchant/home/mappers/InvoicesHomeMapper.java com/onfido/android/sdk/capture/ui/country_selection/CountrySelectionFragment.java com/sumup/merchant/home/mappers/GiftCardHomeMapper.java com/sumup/payments/registry/data/model/transaction/history/Link.java com/sumup/pix/out/presentation/ReceiptUiState.java br/com/stone/payment/domain/datamodel/ApnI

NO	ISSUE	SEVERITY	STANDARDS	FILES
				nfo.java k/a/a/b/h/c.java com/sumup/invoice/android/invoiceCreate/ui/dialog/TermsPickerDialogKt.java com/sumup/referrals/generated/model/LocalizableStringApiModel.java com/sumup/invoice/android/dashboard/ui/details/InvoiceDetailsFragmentKt.java com/sumup/pix/core/domain/model/Transfer.java io/grpc/internal/TransportFrameUtil.java com/sumup/card/bank/model/EnableDirectDebitModel.java br/com/stone/payment/domain/datamodel/TerminalInfo.java com/salesforce/marketingcloud/registration/Registration.java k/a/a/a/u/a.java com/sumup/referrals/domain/models/challenge/Params.java com/sumup/merchant/home/mappers/ZReportsHomeMapperKt.java i/k/a/j/c.java com/sumup/merchant/home/mappers/VirtualTerminalHomeMapper.java com/sumup/merchant/inbox/utils/MarketingCloudSdkWrapper.java com/onfido/android/sdk/capture/ui/LoadingFragment.java com/sumup/merchant/reader/identitylib/managers/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.java com/sumup/merchant/home/mappers/ReferralHomeMapper.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/sumup/base/analytics/di/ToothpickBaseAnalyticsModule.java io/grpc/internal/DnsNameResolver.java com/sumup/invoice/android/dashboard/viewmodel/OverviewViewModelKt.java com/sumup/mpts/features/model/FeatureResponse.java com/sumup/merchant/home/mappers/FeesCalculatorHomeMapper.java com/sumup/referrals/generated/model/LocalizableStringParamApiModel.java com/sumup/merchant/reader/autoreceipt/AutoReceiptFeatureFlag.java com/payarto/vpos/mobile/api/structs/request/AdminLoginRequest.java com/sumup/invoice/android/coreAndroid/BaseFragmentKt.java com/sumup/invoice/android/dashboard/dal/InvoicesLeftFlagsRepositoryKt.java com/sumup/merchant/home/mappers/ExpensesHomeMapperKt.java com/sumup/referrals/domain/models/common/TemplateTextParam.java com/onfido/android/sdk/capture/analytics/SegmentInteractor.java com/sumup/pos/merchant/storage/MerchantSettingsStorageKt.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/InternalTransactionDao.java i/t/a/e.java k/a/a/b/h/f.java com/epson/epos2/discovery/FilterOption.java
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/liveness/intro/LivenessIntroVideoUrlProvider$random$2.java i/t/a/x.java j$/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.java 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/liveness/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/AuthorizationMethodProviderImpl.java com/sumup/identity/auth/data/storage/IdentityPrefManager.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/SalesforceRepositoryImpl.java com/contentful/java/cda/CDAClient.java com/sumup/merchant/lending/LendingHelper.java com/sumup/mpts/utils/ClientBuilder.java com/sumup/invoice/android/di/AppModuleKt.java com/sumup/merchant/support/network/SupportRepositoryImpl.java i/n/a/a/j.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/network/NetworkModule.java i/u/h/m/c/b.java com/sumup/merchant/support/network/TroubleshootingRepositoryImpl.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/SumUpBankActivity.java com/sumup/merchant/ui/Activities/DashboardActivity.java com/sumup/card/dashboard/CardDashboardFragment.java com/sumup/oskit/webview/WebViewFragment.java 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/components/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/AesCbcWithIntegrity.java com/salesforce/marketingcloud/sfmcsdk/components/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/BiometricCallbackV23.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/sumup/merchant/referral/remoteconfig/ReferralsShareImageFileHelper$shareImageCacheFile$2.java com/sumup/merchant/Reporting/DistributionUtil.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/AccountDetailsActivity.java com/sumup/card/activation/core/ContextExtensionsKt.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

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

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.

EMAILS

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

TRACKERS

TRACKER	CATEGORIES	URL
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" : "AIzaSyApYiuZcE0T48kBVyCEZqC2k1ZjMbdRmzM"
"google_crash_reporting_api_key" : "AIzaSyApYiuZcE0T48kBVyCEZqC2k1ZjMbdRmzM"
"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"

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_cpf_key_step_title" : ""
"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_maps_api_key" : "0pUxml_qJ8BcShTq2vmlUfCQAuDg3iz0hJALkbA"
"sumup_picture_provider_authority" : "com.sumup.merchant.picture.provider"
"sumup_pix_key_settings_close_button" : "Close"
"sumup_production_password" : "pnxiB2VL4kir8M_XJWeoqQ"
"sumup_url_production_api" : "https://triangle-ng.sumup.com/"
"sumup_url_production_api_gateway" : "https://api.sumup.com/"

POSSIBLE SECRETS
"sumup_url_production_auth" : "https://auth.sumup.com/"
"sumup_url_production_support_api" : "https://sse.sumup.com/sse/"
"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_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"

POSSIBLE SECRETS
"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" : "Onlinebetaling"
"sumup_card_authorize_payment_payment_type_transfer" : "Bankoverførsel"
"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"

POSSIBLE SECRETS
"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" : "Onlinebetaling"
"sumup_card_sumup_password" : "SumUp-passord"
"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"

POSSIBLE SECRETS
"sumup_card_authorize_payment_payment_type_online" : "Online-Zahlung"
"sumup_card_authorize_payment_payment_type_transfer" : "Banküberweisung"
"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_pix_key_settings_close_button" : "Close"
"pix_transfer_funds_auth_form_title" : "PIN"
"pix_transfer_funds_branch_account_number_institution_credentials_account_number" : "Account"

POSSIBLE SECRETS
"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" : "Verkkomaksu"
"sumup_card_authorize_payment_payment_type_transfer" : "Pankkisiirto"
"sumup_card_sumup_password" : "SumUp-salasana"
"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"

POSSIBLE SECRETS
"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_sumup_password" : "Heslo"
"sumup_pix_key_settings_close_button" : "Close"
"chat_dialog_end_session_title" : "Αποχωρείτε;"
"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"

POSSIBLE SECRETS
"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" : "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_pix_key_settings_close_button" : "Close"
"pix_transfer_funds_auth_form_title" : "PIN"
"pix_transfer_funds_branch_account_number_institution_credentials_account_number" : "Account"

POSSIBLE SECRETS
"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_transfer" : "Bankoverschrijvingen"
"sumup_card_sumup_password" : "SumUp-wachtwoord"
"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"

POSSIBLE SECRETS
"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" : "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_pix_key_settings_close_button" : "Close"

POSSIBLE SECRETS
"pix_transfer_funds_auth_form_title" : "PIN"
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"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"
"chat_dialog_end_session_title" : "Închideți?"
"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"

POSSIBLE SECRETS
"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" : "PIN"
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"pix_transfer_funds_pix_cnpj_key" : "CNPJ"
"pix_transfer_funds_pix_cpf_key" : "CPF"
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POSSIBLE SECRETS
"sumup_pix_key_settings_close_button" : "Close"
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POSSIBLE SECRETS
"pix_transfer_funds_key_form_cpf_label" : "CPF"
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"sumup_pix_key_settings_close_button" : "Close"
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"pix_transfer_funds_branch_account_number_institution_credentials_branch" : "Branch"
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POSSIBLE SECRETS
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"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"
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POSSIBLE SECRETS
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"pix_transfer_funds_pix_cpf_key" : "CPF"
"pix_transfer_funds_pix_email_key" : "E-mail"
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POSSIBLE SECRETS
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"pix_transfer_funds_pix_cpf_key" : "CPF"
"pix_transfer_funds_pix_email_key" : "E-mail"
"sumup_pix_key_settings_close_button" : "Fechar"
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POSSIBLE SECRETS
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"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_pix_cnpj_key" : "CNPJ"
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"sumup_card_authorize_payment_payment_type_online" : "Onlinebetalning"
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"sumup_card_sumup_password" : "SumUp-lösenord"
"sumup_pix_key_settings_close_button" : "Close"
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"pix_transfer_funds_branch_account_number_institution_credentials_branch" : "Branch"

POSSIBLE SECRETS
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"pix_transfer_funds_key_form_cpf_label" : "CPF"
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"pix_transfer_funds_pix_cpf_key" : "CPF"
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"sumup_card_authorize_payment_payment_type_transfer" : "Bankoverschrijvingen"
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"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_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"
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"pix_transfer_funds_branch_account_number_institution_credentials_account_number" : "Account"
"pix_transfer_funds_branch_account_number_institution_credentials_branch" : "Branch"
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"pix_transfer_funds_key_form_cpf_label" : "CPF"
"pix_transfer_funds_key_form_phone_number_label" : "Teléfono"
"pix_transfer_funds_pix_cnpj_key" : "CNPJ"
"pix_transfer_funds_pix_cpf_key" : "CPF"
"pix_transfer_funds_pix_phone_number_key" : "Teléfono"
"sumup_pix_key_settings_close_button" : "Close"
"pix_transfer_funds_auth_form_title" : "PIN"

POSSIBLE SECRETS
"pix_transfer_funds_branch_account_number_institution_credentials_account_number" : "Account"
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"pix_transfer_funds_key_form_cnpj_label" : "CNPJ"
"pix_transfer_funds_key_form_cpf_label" : "CPF"
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"pix_transfer_funds_pix_cpf_key" : "CPF"
"pix_transfer_funds_pix_email_key" : "E-mail"
"sumup_pix_key_settings_close_button" : "Close"
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"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_pix_cnpj_key" : "CNPJ"
"pix_transfer_funds_pix_cpf_key" : "CPF"
"pix_transfer_funds_pix_email_key" : "E-mail"
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"pix_transfer_funds_auth_form_title" : "PIN"

POSSIBLE SECRETS
"pix_transfer_funds_branch_account_number_institution_credentials_account_number" : "Account"
"pix_transfer_funds_branch_account_number_institution_credentials_branch" : "Branch"
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"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:** 0 **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.

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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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