ANDROID STATIC ANALYSIS REPORT

MTG Familiar (3.6.6.dbg.1)

File Name:	installer56.apk
Package Name:	com.gelakinetic.mtgfam
Scan Date:	May 31, 2022, 12:43 p.m.
App Security Score:	41/100 (MEDIUM RISK)
Grade:	B

FINDINGS SEVERITY

HIGH	MEDIUM	INFO	✓ SECURE	HOTSPOT
4	10	2	1	1

FILE INFORMATION

File Name: installer56.apk
Size: 13.72MB
MD5: ee8c1f3c9d618231a9bac0c4bc85f54b
SHA1: e662423108c95f88b1e58567220a705639fc2d95
SHA256: 2f83385b7d94c5e315a815a6479b92727c1b88fc19c65d7890c99668ca1e5e1a

APP INFORMATION

App Name: MTG Familiar
Package Name: com.gelakinetic.mtgfam
Main Activity: com.gelakinetic.mtgfam.FamiliarActivity
Target SDK: 29
Min SDK: 15
Max SDK:
Android Version Name: 3.6.6.dbg.1
Android Version Code: 73

APP COMPONENTS

Activities: 2
Services: 2
Receivers: 3
Providers: 2
Exported Activities: 1
Exported Services: 0
Exported Receivers: 2
Exported Providers: 0

CERTIFICATE INFORMATION

APK is signed
v1 signature: True
v2 signature: False
v3 signature: False
Found 1 unique certificates
Subject: C=UK, ST=ORG, L=ORG, O=fdroid.org, OU=FDroid, CN=FDroid
Signature Algorithm: rsassa_pkcs1v15
Valid From: 2012-08-29 14:23:17+00:00
Valid To: 2040-01-15 14:23:17+00:00
Issuer: C=UK, ST=ORG, L=ORG, O=fdroid.org, OU=FDroid, CN=FDroid
Serial Number: 0x503e25d5
Hash Algorithm: sha1
md5: e6597ecf05cc58aeeb3653013228c692
sha1: 73fcb682dcae55018f560a303d7e3006b21d45ed
sha256: b42fa6a3fb4bae0dc014633bc7d7fc95d2c2640cb135e257cd71924149f8d64b
sha512: e8461ab8a92051b2bdd5f05631fd837a75b7059cbb25b8b8b5c24e09bd640fb7bded0a81f8e6e41778c8645ccf0b43027d56255b48eaa86fbcc007fc404cd6d4

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

TITLE	SEVERITY	DESCRIPTION
Application vulnerable to Janus Vulnerability	high	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	high	Application is signed with SHA1withRSA. SHA1 hash algorithm is known to have collision issues.

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.WRITE_EXTERNAL_STORAGE	dangerous	read/modify/delete external storage contents	Allows an application to write to external storage.
android.permission.FOREGROUND_SERVICE	normal		Allows a regular application to use Service.startForeground.

APKID ANALYSIS

<table>
<tr><th>FILE</th><th>DETAILS</th></tr>
<tr><td>classes.dex</td><td><table>
<tr><th>FINDINGS</th><th>DETAILS</th></tr>
<tr><td>Anti-VM Code</td><td>Build.MANUFACTURER check</td></tr>
<tr><td>Compiler</td><td>r8</td></tr>
</table></td></tr>
</table>

BROWSABLE ACTIVITIES

ACTIVITY	INTENT
com.gelakinetic.mtgfam.FamiliarActivity	Schemes: card://, http://, https://, Hosts: multiverseid, gatherer.wizards.com, www.wizards.com, Path Prefixes: /, /Pages/Card, /Pages/Search/Default.aspx?name=, /magic/autocard.asp?name=,

NETWORK SECURITY

NO	SCOPE	SEVERITY	DESCRIPTION

MANIFEST ANALYSIS

NO	ISSUE	SEVERITY	DESCRIPTION
1	Clear text traffic is Enabled For App [android:usesCleartextTraffic=true]	high	The app intends to use cleartext network traffic, such as cleartext HTTP, FTP stacks, DownloadManager, and MediaPlayer. The default value for apps that target API level 27 or lower is "true". Apps that target API level 28 or higher default to "false". The key reason for avoiding cleartext traffic is the lack of confidentiality, authenticity, and protections against tampering; a network attacker can eavesdrop on transmitted data and also modify it without being detected.
2	Application Data can be Backed up [android:allowBackup=true]	warning	This flag allows anyone to backup your application data via adb. It allows users who have enabled USB debugging to copy application data off of the device.
3	Launch Mode of Activity (com.gelakinetic.mtgfam.FamiliarActivity) is not standard.	high	An Activity should not be having the launch mode attribute set to "singleTask/singleInstance" as it becomes root Activity and it is possible for other applications to read the contents of the calling Intent. So it is required to use the "standard" launch mode attribute when sensitive information is included in an Intent.
4	Activity (com.gelakinetic.mtgfam.MtgAppWidgetConfigure) 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	Broadcast Receiver (com.gelakinetic.mtgfam.helpers.MTGFamiliarAppWidgetProviderDark) is not Protected. An intent-filter exists.	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. The presence of intent-filter indicates that the Broadcast Receiver is explicitly exported.
6	Broadcast Receiver (com.gelakinetic.mtgfam.helpers.MTGFamiliarAppWidgetProviderLight) is not Protected. An intent-filter exists.	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. The presence of intent-filter indicates that the Broadcast Receiver is explicitly exported.

CODE ANALYSIS

NO	ISSUE	SEVERITY	STANDARDS	FILES
1	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/bumptech/glide/load/engine/DataCacheKey.java com/gelakinetic/mtgfam/fragments/DeckCounterFragment.java com/codetroopers/betterpickers/numberpicker/NumberPickerDialogFragment.java com/gelakinetic/mtgfam/fragments/dialogs/FamiliarDialogFragment.java io/reactivex/internal/schedulers/SchedulerPoolFactory.java com/codetroopers/betterpickers/hmspicker/HmsPickerDialogFragment.java com/gelakinetic/mtgfam/fragments/RulesFragment.java com/bumptech/glide/manager/RequestManagerRetriever.java com/codetroopers/betterpickers/expirationpicker/ExpirationPickerDialogFragment.java com/bumptech/glide/load/Option.java org/jsoup/helper/W3CDom.java com/codetroopers/betterpickers/datepicker/DatePickerDialogFragment.java com/gelakinetic/mtgfam/fragments/dialogs/DecklistDialogFragment.java com/gelakinetic/mtgfam/fragments/dialogs/ResultListDialogFragment.java com/gelakinetic/mtgfam/fragments/SearchViewFragment.java com/gelakinetic/mtgfam/helpers/tcgp/TcgpApi.java com/gelakinetic/mtgfam/fragments/dialogs/WishlistDialogFragment.java com/codetroopers/betterpickers/timepicker/TimePickerDialogFragment.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				TimePickerDialogFragment.java com/gelakinetic/mtgfam/fragments/GatheringsFragment.java com/nytimes/android/external/store3/base/impl/BarCode.java com/bumptech/glide/load/engine/ResourceCacheKey.java com/gelakinetic/mtgfam/fragments/LifeCounterFragment.java com/bumptech/glide/load/engine/EngineResource.java com/gelakinetic/mtgfam/fragments/dialogs/LcPlayerDialogFragment.java org/jsoup/nodes/DocumentType.java
				com/bumptech/glide/load/data/HttpUrlFetcher.java com/bumptech/glide/load/engine/cache/DiskLruCacheWrapper.java com/bumptech/glide/request/SingleRequest.java com/codetroopers/betterpickers/timezonepicker/TimeZoneFilterTypeAdapter.java com/bumptech/glide/Glide.java com/bumptech/glide/load/data/LocalUriFetcher.java com/codetroopers/betterpickers/recurrencepicker/RecurrencePickerDialogFragment.java com/bumptech/glide/manager/DefaultConnectivityMonitor.java com/codetroopers/betterpickers/numberpicker/NumberPickerBuilder.java com/bumptech/glide/load/resource/bitmap/TransformationUtils.java com/bumptech/glide/load/engine/bitmap_recycle/LruArrayPool.java com/bumptech/glide/load/resource/ImageDecoderResourceDecoder.java com/bumptech/glide/load/model/ByteBufferEncoder.java com/bumptech/glide/load/engine/bitmap_re

NO	ISSUE	SEVERITY	STANDARDS	FILES
				cycle/LruBitmapPool.java com/nineoldandroids/animation/PropertyValuesHolder.java com/codetroopers/betterpickers/hmspicker/HmsPickerBuilder.java com/bumptech/glide/load/engine/Engine.java com/bumptech/glide/load/resource/gif/GifDrawableEncoder.java com/bumptech/glide/util/ContentLengthInputStream.java com/bumptech/glide/manager/RequestManagerRetriever.java com/bumptech/glide/load/data/mediastore/ThumbFetcher.java com/bumptech/glide/load/model/StreamEncoder.java com/bumptech/glide/manager/SupportRequestManagerFragment.java com/bumptech/glide/load/resource/bitmap/DefaultImageHeaderParser.java com/bumptech/glide/request/target/CustomViewTarget.java com/bumptech/glide/load/resource/bitmap/VideoDecoder.java com/gelakinetic/mtgfam/helpers/LookupAllPricesTest.java com/bumptech/glide/load/engine/SourceGenerator.java com/bumptech/glide/load/engine/prefill/BitmapPreFillRunner.java com/codetroopers/betterpickers/datepicker/DatePickerBuilder.java com/bumptech/glide/load/engine/executor/RuntimeCompat.java com/bumptech/glide/load/model/ResourceLoader.java com/bumptech/glide/util/pool/FactoryPools.java com/bumptech/glide/load/model/ByteBufferFileLoader.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
2	The App logs information. Sensitive information should never be logged.	info	CWE: CWE-532: Insertion of Sensitive Information into Log File OWASP MASVS: MSTG-STORAGE-3	com/bumptech/glide/load/data/mediastore/ThumbnailStreamOpener.java com/bumptech/glide/load/data/AssetPathFetcher.java com/bumptech/glide/load/model/FileLoader.java com/bumptech/glide/load/resource/bitmap/Downsampler.java com/github/machinarius/preferencefragment/PreferenceManagerCompat.java com/bumptech/glide/load/resource/gif/StreamGifDecoder.java com/bumptech/glide/gifdecoder/StandardGifDecoder.java me/zhanghai/android/materialprogressbar/BaseProgressLayerDrawable.java com/codetroopers/betterpickers/timepicker/TimePickerBuilder.java com/bumptech/glide/load/resource/bitmap/HardwareConfigState.java com/bumptech/glide/manager/RequestTracker.java com/codetroopers/betterpickers/radialtimepicker/CircleView.java com/bumptech/glide/load/engine/DecodePath.java com/afollestad/materialdialogs/internal/MDTintHelper.java com/afollestad/materialdialogs/MaterialDialog.java com/codetroopers/betterpickers/timezonepicker/TimeZoneInfo.java com/bumptech/glide/load/resource/bitmap/DrawableToBitmapConverter.java com/codetroopers/betterpickers/calendardatepicker/CalendarDatePickerDialogFragment.java com/bumptech/glide/load/resource/bitmap/BitmapImageDecoderResourceDecoder.java com/bumptech/glide/load/engine/executor/

NO	ISSUE	SEVERITY	STANDARDS	FILES
				GlideExecutor.java com/bumptech/glide/load/resource/bitmap/BitmapEncoder.java com/tokenautocomplete/TokenCompleteTextView.java com/bumptech/glide/module/ManifestParser.java com/bumptech/glide/GeneratedAppGlideModuleImpl.java com/bumptech/glide/load/resource/gif/ByteBufferGifDecoder.java com/codetroopers/betterpickers/radialtimepicker/RadialPickerLayout.java com/codetroopers/betterpickers/expirationpicker/ExpirationPickerBuilder.java com/bumptech/glide/manager/RequestManagerFragment.java com/bumptech/glide/load/engine/GlideException.java com/bumptech/glide/signature/ApplicationVersionSignature.java com/codetroopers/betterpickers/radialtimepicker/AmPmCirclesView.java com/codetroopers/betterpickers/radialtimepicker/RadialTimePickerDialogFragment.java com/codetroopers/betterpickers/radialtimepicker/RadialSelectorView.java com/codetroopers/betterpickers/timezonepicker/TimeZonePickerUtils.java com/bumptech/glide/gifdecoder/GifHeaderParser.java com/codetroopers/betterpickers/radialtimepicker/RadialTextsView.java com/codetroopers/betterpickers/calendardatepicker/DayPickerView.java com/bumptech/glide/request/target/ViewTarget.java com/bumptech/glide/load/engine/cache/MemorySizeCalculator.java com/codetroopers/betterpickers/recurrencepicker/EventRecurrence.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				com/bumptech/glide/manager/DefaultConnectivityMonitorFactory.java com/codetroopers/betterpickers/timezonepicker/TimeZoneData.java me/zhanghai/android/materialprogressbar/MaterialProgressBar.java com/bumptech/glide/load/engine/DecodeJob.java
3	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	com/gelakinetic/mtgfam/fragments/MoJhoStoFragment.java org/jsoup/helper/DataUtil.java com/gelakinetic/mtgfam/fragments/DiceFragment.java com/gelakinetic/mtgfam/fragments/ResultListFragment.java
4	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/gelakinetic/mtgfam/fragments/CardViewFragment.java com/gelakinetic/mtgfam/FamiliarActivity.java com/gelakinetic/mtgfam/helpers/database/CardDbAdapter.java com/gelakinetic/mtgfam/helpers/ZipUtils.java com/gelakinetic/mtgfam/helpers/updaters/DbUpdaterService.java
5	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/gelakinetic/mtgfam/fragments/CardViewFragment.java com/gelakinetic/mtgfam/fragments/RulesFragment.java com/gelakinetic/mtgfam/fragments/dialogs/CardViewDialogFragment.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
6	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/gelakinetic/mtgfam/helpers/database/DatabaseManager.java com/gelakinetic/mtgfam/helpers/database/DatabaseHelper.java com/gelakinetic/mtgfam/helpers/database/CardDbAdapter.java
7	IP Address disclosure	warning	CWE: CWE-200: Information Exposure OWASP MASVS: MSTG-CODE-2	com/afollestad/materialdialogs/BuildConfig.java

NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION
1	FCS_RBG_EXT.1.1	Security Functional Requirements	Random Bit Generation Services	The application use no DRBG functionality for its cryptographic operations.
2	FCS_STO_EXT.1.1	Security Functional Requirements	Storage of Credentials	The application does not store any credentials to non-volatile memory.
3	FCS_CKM_EXT.1.1	Security Functional Requirements	Cryptographic Key Generation Services	The application generate no asymmetric cryptographic keys.
4	FDP_DEC_EXT.1.1	Security Functional Requirements	Access to Platform Resources	The application has access to ['network connectivity'].

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION
5	FDP_DEC_EXT.1.2	Security Functional Requirements	Access to Platform Resources	The application has access to no sensitive information repositories.
6	FDP_NET_EXT.1.1	Security Functional Requirements	Network Communications	The application has user/application initiated network communications.
7	FDP_DAR_EXT.1.1	Security Functional Requirements	Encryption Of Sensitive Application Data	The application implement functionality to encrypt sensitive data in non-volatile memory.
8	FMT_MEC_EXT.1.1	Security Functional Requirements	Supported Configuration Mechanism	The application invoke the mechanisms recommended by the platform vendor for storing and setting configuration options.
9	FTP_DIT_EXT.1.1	Security Functional Requirements	Protection of Data in Transit	The application does encrypt some transmitted data with HTTPS/TLS/SSH between itself and another trusted IT product.
10	FCS_COP.1.1(2)	Selection-Based Security Functional Requirements	Cryptographic Operation - Hashing	The application perform cryptographic hashing services in accordance with a specified cryptographic algorithm SHA-1/SHA-256/SHA-384/SHA-512 and message digest sizes 160/256/384/512 bits.
11	FCS_HTTPS_EXT.1.1	Selection-Based Security Functional Requirements	HTTPS Protocol	The application implement the HTTPS protocol that complies with RFC 2818.
12	FCS_HTTPS_EXT.1.2	Selection-Based Security Functional Requirements	HTTPS Protocol	The application implement HTTPS using TLS.

DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
robobunny.com	ok	**IP:** 71.158.88.45 **Country:** United States of America **Region:** North Carolina **City:** Raleigh **Latitude:** 35.772099 **Longitude:** -78.638611 **View:** Google Map
magiccards.info	ok	**IP:** 172.67.184.114 **Country:** United States of America **Region:** California **City:** San Francisco **Latitude:** 37.775700 **Longitude:** -122.395203 **View:** Google Map
creativecommons.org	ok	**IP:** 104.20.150.16 **Country:** United States of America **Region:** California **City:** San Francisco **Latitude:** 37.775700 **Longitude:** -122.395203 **View:** Google Map
api.tcgplayer.com	ok	**IP:** 3.212.121.4 **Country:** United States of America **Region:** Virginia **City:** Ashburn **Latitude:** 39.043720 **Longitude:** -77.487488 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
www.wizards.com	ok	**IP:** 23.66.17.199 **Country:** Netherlands **Region:** Noord-Holland **City:** Amsterdam **Latitude:** 52.374031 **Longitude:** 4.889690 **View:** Google Map
gatherer.wizards.com	ok	**IP:** 199.33.216.39 **Country:** United States of America **Region:** Washington **City:** Renton **Latitude:** 47.481884 **Longitude:** -122.196617 **View:** Google Map
www.bluewizard.net	ok	**IP:** 98.191.209.200 **Country:** United States of America **Region:** Virginia **City:** Arlington **Latitude:** 38.881008 **Longitude:** -77.104279 **View:** Google Map
www.gnu.org	ok	**IP:** 209.51.188.116 **Country:** United States of America **Region:** Massachusetts **City:** Boston **Latitude:** 42.358429 **Longitude:** -71.059769 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
raw.githubusercontent.com	ok	**IP:** 185.199.111.133 **Country:** United States of America **Region:** Pennsylvania **City:** California **Latitude:** 40.065632 **Longitude:** -79.891708 **View:** Google Map
schemas.android.com	ok	No Geolocation information available.
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
api.scryfall.com	ok	**IP:** 104.26.9.230 **Country:** United States of America **Region:** California **City:** San Francisco **Latitude:** 37.775700 **Longitude:** -122.395203 **View:** Google Map
www.reddit.com	ok	**IP:** 199.232.149.140 **Country:** United States of America **Region:** California **City:** San Francisco **Latitude:** 37.775700 **Longitude:** -122.395203 **View:** Google Map

DOMAIN	STATUS	GEOLOCATION
tcgplayer.com	ok	**IP:** 192.230.66.118 **Country:** United States of America **Region:** Texas **City:** Dallas **Latitude:** 32.783058 **Longitude:** -96.806671 **View:** Google Map

EMAILS

EMAIL	FILE
mtg.familiar@gmail.com	com/gelakinetic/mtgfam/FamiliarActivity.java
mtg.familiar@gmail.com	Android String Resource

HARDCODED SECRETS

POSSIBLE SECRETS
"key_LastDecklistLoaded" : "last_decklist_loaded"
"key_LastTradeLoaded" : "last_trade_loaded"
"key_SearchCriteria" : "search_criteria"

POSSIBLE SECRETS
"key_SearchCriteriaPerm" : "search_criteria_permanent"
"key_TcgpToken" : "tcgp_token"
"key_TcgpTokenExpirationDate" : "tcgp_token_expiration_date"
"key_abilityPref" : "abilityPref"
"key_blackMana" : "blackMana"
"key_blueMana" : "blueMana"
"key_bounceDrawer" : "bounceDrawer"
"key_cardlanguage" : "cardlanguage"
"key_colorlessMana" : "colorlessMana"
"key_consolidateSearch" : "consolidateSearch"
"key_currentRoundTimer" : "currentRoundTimer"
"key_database_version" : "databaseVersion"
"key_date" : "date"
"key_dci_number" : "dciNumber"
"key_deckPrice" : "deckPrice"

POSSIBLE SECRETS
"key_defaultFragment" : "defaultFragment"
"key_dimlevel" : "dimlevel"
"key_dimlock" : "dimlock"
"key_displayMode" : "displayMode"
"key_energy" : "energy"
"key_fifteenMinutePref" : "fifteenMinutePref"
"key_fiveMinutePref" : "fiveMinutePref"
"key_greenMana" : "greenMana"
"key_hideOnlineCards" : "hideOnlineOnly"
"key_imageCacheSize" : "imageCacheSize"
"key_language" : "language"
"key_lastVersion" : "lastVersion"
"key_legality_timestamp" : "legality_timestamp"
"key_lifeTimer" : "lifeTimer"
"key_manacostPref" : "manacostPref"

POSSIBLE SECRETS
"key_mojhostoFirstTime" : "mojhostoFirstTime"
"key_num_tutor_cards_searches" : "num_tc_searches"
"key_persistSearch" : "persistSearch"
"key_picFirst" : "picFirst"
"key_player_data" : "player_data"
"key_ptPref" : "ptPref"
"key_redMana" : "redMana"
"key_searchSortOrder" : "search_sort_order"
"key_setPref" : "setPref"
"key_showIndividualPricesWishlistPref" : "showIndividualPricesWishlistPref"
"key_showTotalPriceDecklistPref" : "showTotalPriceDecklistPref"
"key_showTotalPriceWishlistPref" : "showTotalPriceWishlistPref"
"key_spellCount" : "spellCount"
"key_tap_symbol" : "tapSymbol"
"key_tcgpGroups" : "tcgp_groups"

POSSIBLE SECRETS
"key_tenMinutePref" : "tenMinutePref"
"key_theme" : "theme"
"key_timerSound" : "timerSound"
"key_tradePrice" : "tradePrice"
"key_trade_sort_order" : "trade_sort_order"
"key_trade_sort_order_2" : "trade_sort_order_2"
"key_trade_sort_type" : "trade_sort_type"
"key_ttsShowDialog" : "ttsShowDialog"
"key_twoMinutePref" : "twoMinutePref"
"key_typePref" : "typePref"
"key_undoTimeout" : "undo_timeout"
"key_useSoundInsteadOfTTSPref" : "useSoundInsteadOfTTSPref"
"key_verboseWishlistPref" : "verboseWishlistPref"
"key_wakelock" : "wakelock"
"key_whiteMana" : "whiteMana"

POSSIBLE SECRETS
"key_white_symbol" : "whiteSymbol"
"key_widgetButtons" : "widgetButtons"
"key_widgetNumButtons" : "widget_num_buttons_"
"key_wishlistPrice" : "wishlistPrice"
"key_wishlist_sort_order_2" : "wishlist_sort_order_2"
"library_smoothprogressbar_authorWebsite" : "https://github.com/castorflex"
"deleted_key" : "%1$s已删除"

Report Generated by - MobSF v3.5.2 Beta

Mobile Security Framework (MobSF) is an automated, all-in-one mobile application (Android/iOS/Windows) pen-testing, malware analysis and security assessment framework capable of performing static and dynamic analysis.