ANDROID STATIC ANALYSIS REPORT

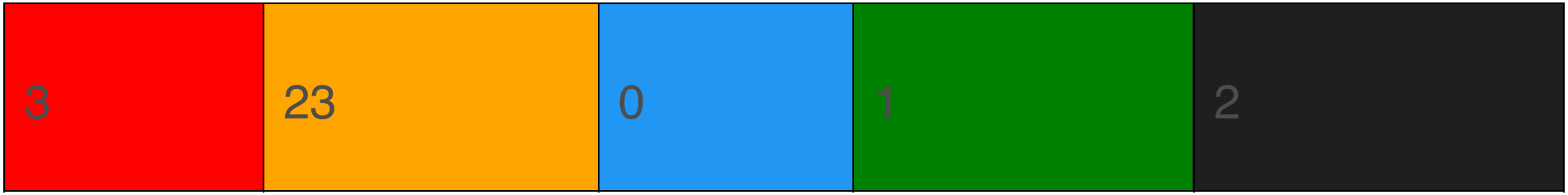
File Name:	test.apk
Package Name:	easy.sudoku.puzzle.solver.free
Scan Date:	Oct. 20, 2025, 7:04 a.m.
App Security Score:	47/100 (MEDIUM RISK)

Grade: B

Trackers Detection: 29/432

FINDINGS SEVERITY

HIGH	MEDIUM	INFO	SECURE	HOTSPOT



FILE INFORMATION

File Name: test.apk
Size: 94.14MB
MD5: a79d6f9bb4a78a37065668da5948cd11
SHA1: 23e9bc4c7edc382bf52ed1ff061e81b3427b5171
SHA256: b09ef7ff874793b2de6514c2a9cf9aae59cd0c8aeb22f33d2aecb8b2914690b5

APP INFORMATION

App Name: Sudoku
Package Name: easy.sudoku.puzzle.solver.free
Main Activity: com.meevii.ui.activity.SplashActivity
Target SDK: 35
Min SDK: 24
Max SDK:
Android Version Name: 5.31.0
Android Version Code: 417

APP COMPONENTS

Activities: 177
Services: 21
Receivers: 22
Providers: 30
Exported Activities: 9

Exported Services: 2
Exported Receivers: 7
Exported Providers: 2

CERTIFICATE INFORMATION

Binary is signed
v1 signature: False
v2 signature: True
v3 signature: False
v4 signature: False
X.509 Subject: L=Beijing, OU=SEAL, CN=John Li
Signature Algorithm: rsassa_pkcs1v15
Valid From: 2015-12-12 13:36:01+00:00
Valid To: 2040-12-05 13:36:01+00:00
Issuer: L=Beijing, OU=SEAL, CN=John Li
Serial Number: 0x7b9dfc80
Hash Algorithm: sha256
md5: cb8243e86ab5a4a4698c356ab75488d6
sha1: 3d26f6eddd51da568d7a48099876088855639c4a
sha256: 2851572bc1ce725e5c25e5adbc33064539dab7b7ba5d73c80dcee3a03f036354
sha512: f2d96efa0123f8282a572b9e1bfec1e15cddd60fdcb5ac72a2faa1c4b047466205685e8bcf0657f28561d4edc35f6d4cd4a061f960b8c5997a4419f1a76633e5
PublicKey Algorithm: rsa
Bit Size: 2048
Fingerprint: 6799f1cac05f94377b9cba8d541d5acaa8952c74f3e182b1322b8dff46548ee6
Found 1 unique certificates

APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
easy.sudoku.puzzle.solver.free.permission.C2D_MESSAGE	unknown	Unknown permission	Unknown permission from android reference

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.SCHEDULE_EXACT_ALARM	normal	permits exact alarm scheduling for background work.	Allows an app to use exact alarm scheduling APIs to perform timing sensitive background work.
com.google.android.c2dm.permission.RECEIVE	normal	recieve push notifications	Allows an application to receive push notifications from cloud.
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.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.
com.android.vending.BILLING	normal	application has in-app purchases	Allows an application to make in-app purchases from Google Play.
android.permission.VIBRATE	normal	control vibrator	Allows the application to control the vibrator.
android.permission.DETECT_SCREEN_CAPTURE	normal	notifies when a screen capture of the app's windows is attempted.	Allows an application to get notified when a screen capture of its windows is attempted.
android.permission.POST_NOTIFICATIONS	dangerous	allows an app to post notifications.	Allows an app to post notifications

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.SYSTEM_ALERT_WINDOW	dangerous	display system-level alerts	Allows an application to show system-alert windows. Malicious applications can take over the entire screen of the phone.
android.permission.WRITE_EXTERNAL_STORAGE	dangerous	read/modify/delete external storage contents	Allows an application to write to external storage.
com.google.android.gms.permission.AD_ID	normal	application shows advertisements	This app uses a Google advertising ID and can possibly serve advertisements.
easy.sudoku.puzzle.solver.free.permission.RECEIVE_ADM_MESSAGE	unknown	Unknown permission	Unknown permission from android reference
android.permission.USE_FULL_SCREEN_INTENT	normal	required for full screen intents in notifications.	Required for apps targeting Build.VERSION_CODES.Q that want to use notification full screen intents.
com.amazon.device.messaging.permission.RECEIVE	unknown	Unknown permission	Unknown permission from android reference
android.permission.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
android.permission.ACCESS_WIFI_STATE	normal	view Wi-Fi status	Allows an application to view the information about the status of Wi-Fi.
com.miui.systemAdSolution.LOCAL_AD_PROVIDER	unknown	Unknown permission	Unknown permission from android reference

PERMISSION	STATUS	INFO	DESCRIPTION
com.android.settings.permission.CLOUD_SETTINGS_PROVIDER	unknown	Unknown permission	Unknown permission from android reference
com.miui.systemAdSolution.adSwitch.PROVIDER	unknown	Unknown permission	Unknown permission from android reference
android.permission.ACCESS_ADSERVICES_TOPICS	normal	allow applications to access advertising service topics	This enables the app to retrieve information related to advertising topics or interests, which can be used for targeted advertising purposes.
android.permission.ACCESS_ADSERVICES_ATTRIBUTION	normal	allow applications to access advertising service attribution	This enables the app to retrieve information related to advertising attribution, which can be used for targeted advertising purposes. App can gather data about how users interact with ads, such as clicks or impressions, to measure the effectiveness of advertising campaigns.
android.permission.READ_EXTERNAL_STORAGE	dangerous	read external storage contents	Allows an application to read from external storage.
android.permission.ACCESS_ADSERVICES_AD_ID	normal	allow app to access the device's advertising ID.	This ID is a unique, user-resettable identifier provided by Google's advertising services, allowing apps to track user behavior for advertising purposes while maintaining user privacy.
android.permission.FOREGROUND_SERVICE	normal	enables regular apps to use Service.startForeground.	Allows a regular application to use Service.startForeground.

PERMISSION	STATUS	INFO	DESCRIPTION
com.applovin.array.apphub.permission.BIND_APPHUB_SERVICE	unknown	Unknown permission	Unknown permission from android reference
com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE	normal	permission defined by google	A custom permission defined by Google.
com.google.android.providers.gsf.permission.READ_GSERVICES	unknown	Unknown permission	Unknown permission from android reference
easy.sudoku.puzzle.solver.free.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION	unknown	Unknown permission	Unknown permission from android reference
com.huawei.appmarket.service.commondata.permission.GET_COMMON_DATA	unknown	Unknown permission	Unknown permission from android reference

APKID ANALYSIS

FILE	DETAILS

FILE	DETAILS
classes.dex	<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 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</td></tr></table>

<table>
<tr><th>FILE</th><th>DETAILS</th></tr>
<tr><td>classes10.dex</td><td>
<table>
<tr><th>FINDINGS</th><th>DETAILS</th></tr>
<tr><td>Anti Debug Code</td><td>Debug.isDebuggerConnected() check</td></tr>
<tr><td>Anti-VM Code</td><td>Build.MODEL check
Build.MANUFACTURER check
Build.PRODUCT check
Build.BOARD check
possible Build.SERIAL check
SIM operator check
network operator name check
ro.kernel.qemu check</td></tr>
<tr><td>Obfuscator</td><td>unreadable field names
unreadable method names</td></tr>
<tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr>
</table>
</td></tr>
<tr><td>classes11.dex</td><td>
<table>
<tr><th>FINDINGS</th><th>DETAILS</th></tr>
<tr><td>Anti-VM Code</td><td>Build.MODEL check
Build.MANUFACTURER check
Build.PRODUCT check
Build.TAGS check
SIM operator check
network operator name check</td></tr>
<tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr>
</table>
</td></tr>
</table>

<table>
<tr><th>FILE</th><th>DETAILS</th></tr>
<tr><td>classes12.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
possible Build.SERIAL check
Build.TAGS check
SIM operator check
network operator name check
device ID check
ro.product.device check
ro.kernel.qemu check
emulator file 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>
</table>

FILE	DETAILS

FINDINGS	DETAILS
Anti Debug Code	Debug.isDebuggerConnected() check
Anti-VM Code	Build.MANUFACTURER check Build.BOARD check SIM operator check network operator name check subscriber ID check
Compiler	r8 without marker (suspicious)

classes2.dex

FINDINGS	DETAILS
Anti-VM Code	Build.MODEL check Build.MANUFACTURER check SIM operator check network operator name check possible VM check
Compiler	r8 without marker (suspicious)

classes3.dex

<table>
<tr><th>FILE</th><th>DETAILS</th></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.HARDWARE check
Build.BOARD check
network operator name check
emulator file check</td></tr>
<tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr>
</table>
</td></tr>
<tr><td>classes5.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
SIM operator check
network operator name check
possible VM check</td></tr>
<tr><td>Obfuscator</td><td>Kiwi encrypter</td></tr>
<tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr>
</table>
</td></tr>
</table>

FILE	DETAILS
classes6.dex	<table><tr><th>FINDINGS</th><th>DETAILS</th></tr><tr><td>Anti-VM Code</td><td>Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check SIM operator check network operator name check ro.hardware check ro.kernel.qemu check possible VM check</td></tr><tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr></table>
classes7.dex	<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 SIM operator check network operator name check</td></tr><tr><td>Compiler</td><td>r8 without marker (suspicious)</td></tr></table>

<table>
<tr><th>FILE</th><th>DETAILS</th></tr>
<tr><td>classes8.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.TAGS check</td></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>Anti-VM Code</td><td>Build.FINGERPRINT check
Build.MODEL check
Build.MANUFACTURER check
Build.PRODUCT check
Build.HARDWARE check
Build.TAGS check
network operator name 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>
</table>

<table>
<tr><th>FILE</th><th>DETAILS</th></tr>
<tr><td>assets/audience_network.dex</td><td>
<table>
<tr><th>FINDINGS</th><th>DETAILS</th></tr>
<tr><td>Anti Debug Code</td><td>Debug.isDebuggerConnected() check</td></tr>
<tr><td>Compiler</td><td>unknown (please file detection issue!)</td></tr>
</table>
</td></tr>
</table>

BROWSABLE ACTIVITIES

ACTIVITY	INTENT
com.meevii.ui.activity.SplashActivity	Schemes: http://, https://, oakeversudoku://, Hosts: oakevergames.onelink.me, classicsudoku.app, *,
com.facebook.CustomTabActivity	Schemes: @string/fb_login_protocol_scheme://, fbconnect://, Hosts: cct.easy.sudoku.puzzle.solver.free,
com.google.firebase.auth.internal.GenericIdpActivity	Schemes: genericidp://, Hosts: firebase.auth, Paths: /,
com.google.firebase.auth.internal.RecaptchaActivity	Schemes: recaptcha://, Hosts: firebase.auth, Paths: /,

NETWORK SECURITY

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

NO	SCOPE	SEVERITY	DESCRIPTION
1	*	secure	Base config is configured to disallow clear text traffic to all domains.
2	*	warning	Base config is configured to trust system certificates.
3	127.0.0.1 69.234.247.27 cdn.dailyinnovation.biz cdn.freesudoku.me game-common-api-dev.dailyinnovation.biz cdn-creatives-akamai-prd.unityads.unity3d.com cdn-creatives-akamaistls-prd.unityads.unity3d.com cdn-creatives-akamaistls-re-prd.unityads.unity3d.com cdn-creatives-geocdn-prd.unityads.unity3d.com cdn-creatives-prd.unityads.unity3d.com cdn-creatives-highwinds-prd.unityads.unity3d.com cdn-creatives-tencent-prd.unityads.unitychina.cn cdn-store-icons-akamai-prd.unityads.unity3d.com cdn-store-icons-highwinds-prd.unityads.unity3d.com cdn-store-icons-tencent-prd.unityads.unitychina.cn cdn-creatives-akamaistls- prd.acquire.unity3dusercontent.com	high	Domain config is insecurely configured to permit clear text traffic to these domains in scope.

CERTIFICATE ANALYSIS

HIGH: 0 | WARNING: 0 | INFO: 1

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

MANIFEST ANALYSIS

HIGH: 1 | WARNING: 21 | INFO: 0 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	DESCRIPTION
1	App can be installed on a vulnerable upatched Android version Android 7.0, [minSdk=24]	high	This application can be installed on an older version of android that has multiple unfixed vulnerabilities. These devices won't receive reasonable security updates from Google. Support an Android version => 10, API 29 to receive reasonable security updates.
2	App has a Network Security Configuration [android:networkSecurityConfig=@xml/network_security_config]	info	The Network Security Configuration feature lets apps customize their network security settings in a safe, declarative configuration file without modifying app code. These settings can be configured for specific domains and for a specific app.
3	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.
4	Content Provider (com.facebook.FacebookContentProvider) is not Protected. [android:exported=true]	warning	A Content Provider is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
5	Activity (com.facebook.CustomTabActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
6	Broadcast Receiver (com.appsflyer.MultipleInstallBroadcastReceiver) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
7	Broadcast Receiver (com.amazon.device.iap.ResponseReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.amazon.inapp.purchasing.Permission.NOTIFY [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.
8	Activity (com.learnings.grt.debug.GrtDebugActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
9	Activity (com.meevii.push.debug.PushDebugActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
10	Broadcast Receiver (com.meevii.push.amz.MeeviiAmazonReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.amazon.device.messaging.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.
11	Activity (com.learnings.analyze.inner.debug.InnerEventDebugActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
12	Activity (com.learnings.usertag.debug.UserTagDebugActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
13	Activity (com.google.firebase.auth.internal.GenericIdpActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
14	Activity (com.google.firebase.auth.internal.RecaptchaActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
15	Service (com.google.android.gms.auth.api.signin.RevocationBoundService) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.gms.auth.api.signin.permission.REVOCATION_NOTIFICATION [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
16	Service (androidx.work.impl.background.systemjob.SystemJobService) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.BIND_JOB_SERVICE [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.

NO	ISSUE	SEVERITY	DESCRIPTION
17	Broadcast Receiver (androidx.work.impl.diagnostics.DiagnosticsReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.DUMP [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
18	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.
19	Content Provider (io.appmetrica.analytics.internal.PreloadInfoContentProvider) is not Protected. [android:exported=true]	warning	A Content Provider is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
20	Activity (com.amazon.device.ads.DTBInterstitialActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
21	Activity (com.amazon.aps.ads.activity.ApsInterstitialActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
22	Broadcast Receiver (androidx.profileinstaller.ProfileInstallReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.DUMP [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
23	Broadcast Receiver (com.mbridge.msdk.foundation.same.broadcast.NetWorkChangeReceiver) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

CODE ANALYSIS

NO	ISSUE	SEVERITY	STANDARDS	FILES

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	armeabi-v7a/libtobEmbedPagEncrypt.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
2	armeabi-v7a/libmeevii_native.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
3	armeabi-v7a/libcrashlytics-common.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__memcpy_chk', '__strlen_chk', '__read_chk', '__strchr_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
4	armeabi-v7a/libapminsighta.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strcat_chk', '__strlen_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
5	armeabi-v7a/libfile_lock.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
6	armeabi-v7a/libbuffer.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
7	armeabi-v7a/libapminsightb.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__vsnprintf_chk', '__strlen_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
8	armeabi-v7a/libcrashlytics.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strlen_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
9	armeabi-v7a/libnms.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__vsprintf_chk', '__strlen_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
10	armeabi-v7a/libtt_ugen_layout.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
11	armeabi-v7a/libcrashlytics-handler.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strlen_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX True info	STACK CANARY True info	RELRO. RELRO Full RELRO info	RPATH None info	RUNPATH None info	FORTIFY False warning	SYMBOLS STRIPPED False warning
12	armeabi-v7a/libdatastore_shared_counter.so	The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	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.	The binary does not have run-time search path or RPATH set.	The binary does not have RUNPATH set.	The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
13	armeabi-v7a/libapplovin-native-crash-reporter.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
14	armeabi-v7a/libpglarmor.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
15	armeabi-v7a/libcrashlytics-trampoline.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	False high This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
16	arm64-v8a/libtobEmbedPagEncrypt.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
17	arm64-v8a/libmeevii_native.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
18	arm64-v8a/libcrashlytics-common.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__memcpy_chk', '__strlen_chk', '__read_chk', '__strchr_chk', '__vsnprintf_chk', '__memmove_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
19	arm64-v8a/libapminsighta.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strcat_chk', '__read_chk', '__strlen_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
20	arm64-v8a/libfile_lock.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
21	arm64-v8a/libbuffer.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	False high This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__read_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
22	arm64-v8a/libapminsightb.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__read_chk', '__vsnprintf_chk', '__strlen_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
23	arm64-v8a/libcrashlytics.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strlen_chk', '__memmove_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
24	arm64-v8a/libnms.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__vsprintf_chk', '__strlen_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
25	arm64-v8a/libtt_ugen_layout.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__vsnprintf_chk', '__strlen_chk', '__memmove_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
26	arm64-v8a/libcrashlytics-handler.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strlen_chk', '__memmove_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
27	arm64-v8a/libdatastore_shared_counter.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
28	arm64-v8a/libapplovin-native-crash-reporter.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strlen_chk', '__vsnprintf_chk', '__memmove_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
29	arm64-v8a/libpglarmor.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__read_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
30	arm64-v8a/libcrashlytics-trampoline.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	False high This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
31	armeabi-v7a/libtobEmbedPagEncrypt.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
32	armeabi-v7a/libmeevii_native.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
33	armeabi-v7a/libcrashlytics-common.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__memcpy_chk', '__strlen_chk', '__read_chk', '__strchr_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
34	armeabi-v7a/libapminsighta.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strcat_chk', '__strlen_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
35	armeabi-v7a/libfile_lock.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
36	armeabi-v7a/libbuffer.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
37	armeabi-v7a/libapminsightb.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__vsnprintf_chk', '__strlen_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
38	armeabi-v7a/libcrashlytics.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strlen_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO. RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
		True info	True info	Full RELRO info	None info	None info	True info	False warning
39	armeabi-v7a/libnms.so	The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	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.	The binary does not have run-time search path or RPATH set.	The binary does not have RUNPATH set.	The binary has the following fortified functions: ['__vsprintf_chk', '__strlen_chk']	Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
40	armeabi-v7a/libtt_ugen_layout.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
41	armeabi-v7a/libcrashlytics-handler.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strlen_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
42	armeabi-v7a/libdatastore_shared_counter.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
43	armeabi-v7a/libapplovin-native-crash-reporter.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
44	armeabi-v7a/libpglarmor.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
45	armeabi-v7a/libcrashlytics-trampoline.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	False high This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
46	arm64-v8a/libtobEmbedPagEncrypt.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
47	arm64-v8a/libmeevii_native.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
48	arm64-v8a/libcrashlytics-common.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__memcpy_chk', '__strlen_chk', '__read_chk', '__strchr_chk', '__vsnprintf_chk', '__memmove_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
49	arm64-v8a/libapminsighta.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strcat_chk', '__read_chk', '__strlen_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
50	arm64-v8a/libfile_lock.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
51	arm64-v8a/libbuffer.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	False high This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__read_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
52	arm64-v8a/libapminsightb.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__read_chk', '__vsnprintf_chk', '__strlen_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
53	arm64-v8a/libcrashlytics.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strlen_chk', '__memmove_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
54	arm64-v8a/libnms.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__vsprintf_chk', '__strlen_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
55	arm64-v8a/libtt_ugen_layout.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__vsnprintf_chk', '__strlen_chk', '__memmove_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
56	arm64-v8a/libcrashlytics-handler.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strlen_chk', '__memmove_chk', '__vsnprintf_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
57	arm64-v8a/libdatastore_shared_counter.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
58	arm64-v8a/libapplovin-native-crash-reporter.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__strlen_chk', '__vsnprintf_chk', '__memmove_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
59	arm64-v8a/libpglarmor.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	True info This binary has a stack canary value added to the stack so that it will be overwritten by a stack buffer that overflows the return address. This allows detection of overflows by verifying the integrity of the canary before function return.	Full RELRO 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 binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	True info The binary has the following fortified functions: ['__read_chk']	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED
60	arm64-v8a/libcrashlytics-trampoline.so	True info The binary has NX bit set. This marks a memory page non-executable making attacker injected shellcode non-executable.	False high This binary does not have a stack canary value added to the stack. Stack canaries are used to detect and prevent exploits from overwriting return address. Use the option -fstack-protector-all to enable stack canaries. Not applicable for Dart/Flutter libraries unless Dart FFI is used.	No RELRO high This shared object does not have RELRO enabled. The entire GOT (.got and .got.plt both) are writable. Without this compiler flag, buffer overflows on a global variable can overwrite GOT entries. Use the option -z,relro,-z,now to enable full RELRO and only -z,relro to enable partial	None info The binary does not have run-time search path or RPATH set.	None info The binary does not have RUNPATH set.	False warning The binary does not have any fortified functions. Fortified functions provides buffer overflow checks against glibc's commons insecure functions like strcpy, gets etc. Use the compiler option -D_FORTIFY_SOURCE=2 to fortify functions. This check is not applicable for Dart/Flutter libraries.	False warning Symbols are available.

NO	SHARED OBJECT	NX	STACK CANARY	RELRO. RELRO	RPATH	RUNPATH	FORTIFY	SYMBOLS STRIPPED

NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION

ABUSED PERMISSIONS

TYPE	MATCHES	PERMISSIONS
Malware Permissions	9/24	android.permission.RECEIVE_BOOT_COMPLETED, android.permission.INTERNET, android.permission.ACCESS_NETWORK_STATE, android.permission.VIBRATE, android.permission.SYSTEM_ALERT_WINDOW, android.permission.WRITE_EXTERNAL_STORAGE, android.permission.WAKE_LOCK, android.permission.ACCESS_WIFI_STATE, android.permission.READ_EXTERNAL_STORAGE
Other Common Permissions	4/45	com.google.android.c2dm.permission.RECEIVE, com.google.android.gms.permission.AD_ID, android.permission.FOREGROUND_SERVICE, com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE

Malware Permissions:

Top permissions that are widely abused by known malware.

Other Common Permissions:

Permissions that are commonly abused by known malware.

OFAC SANCTIONED COUNTRIES

This app may communicate with the following OFAC sanctioned list of countries.

DOMAIN	COUNTRY/REGION

DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
android.googlesource.com	ok	IP: 74.125.200.82 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
crashpad.chromium.org	ok	IP: 74.125.130.121 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
sudoku-a782f.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

FIREBASE DATABASES

FIREBASE URL	DETAILS
https://sudoku-a782f.firebaseio.com	info App talks to a Firebase Database.

EMAILS

EMAIL	FILE
support@oakevergames.com support@oakevergames.comまでメールをお support@oakevergames.com으로	Android String Resource
git@code.byted	apktool_out/lib/armeabi-v7a/libnms.so
git@code.byted	apktool_out/lib/armeabi-v7a/libpglarmor.so
git@code.byted	apktool_out/lib/arm64-v8a/libnms.so
git@code.byted	apktool_out/lib/arm64-v8a/libpglarmor.so
git@code.byted	lib/armeabi-v7a/libnms.so
git@code.byted	lib/armeabi-v7a/libpglarmor.so
git@code.byted	lib/arm64-v8a/libnms.so
git@code.byted	lib/arm64-v8a/libpglarmor.so

TRACKERS

TRACKER	CATEGORIES	URL
Amazon Advertisement		https://reports.exodus-privacy.eu.org/trackers/92
AppLovin (MAX and SparkLabs)	Advertisement, Identification, Profiling, Analytics	https://reports.exodus-privacy.eu.org/trackers/72
AppMonet		https://reports.exodus-privacy.eu.org/trackers/163
Appodeal Stack	Advertisement, Analytics	https://reports.exodus-privacy.eu.org/trackers/368
AppsFlyer	Analytics	https://reports.exodus-privacy.eu.org/trackers/12
BidMachine	Advertisement	https://reports.exodus-privacy.eu.org/trackers/370
ChartBoost		https://reports.exodus-privacy.eu.org/trackers/53
Facebook Ads	Advertisement	https://reports.exodus-privacy.eu.org/trackers/65
Facebook Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/66
Facebook Login	Identification	https://reports.exodus-privacy.eu.org/trackers/67
Facebook Share		https://reports.exodus-privacy.eu.org/trackers/70
Fyber	Advertisement	https://reports.exodus-privacy.eu.org/trackers/104
Google AdMob	Advertisement	https://reports.exodus-privacy.eu.org/trackers/312
Google CrashLytics	Crash reporting	https://reports.exodus-privacy.eu.org/trackers/27
Google Firebase Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/49
HelpShift		https://reports.exodus-privacy.eu.org/trackers/58

TRACKER	CATEGORIES	URL
IAB Open Measurement	Advertisement, Identification	https://reports.exodus-privacy.eu.org/trackers/328
Inmobi		https://reports.exodus-privacy.eu.org/trackers/106
Mintegral	Advertisement, Analytics	https://reports.exodus-privacy.eu.org/trackers/200
Pangle	Advertisement	https://reports.exodus-privacy.eu.org/trackers/363
Prebid Mobile	Advertisement	https://reports.exodus-privacy.eu.org/trackers/347
PubMatic	Advertisement	https://reports.exodus-privacy.eu.org/trackers/236
PubNative	Advertisement	https://reports.exodus-privacy.eu.org/trackers/183
Smaato		https://reports.exodus-privacy.eu.org/trackers/83
Unity3d Ads	Advertisement	https://reports.exodus-privacy.eu.org/trackers/121
Yandex Ad	Advertisement	https://reports.exodus-privacy.eu.org/trackers/124
ironSource	Analytics	https://reports.exodus-privacy.eu.org/trackers/146
myTarget	Advertisement	https://reports.exodus-privacy.eu.org/trackers/198
myTracker		https://reports.exodus-privacy.eu.org/trackers/175

HARDCODED SECRETS

POSSIBLE SECRETS
"key_achievement_medium_no_mistakes" : "あなたは%1$sの中級数独を間違いなく完了しました！"
"key_lucky_number" : "LuckyNumber"
"key_achievement_winning_streak" : "您已赢得%1$s连胜！"
"key_highlight_areas" : "HighlightAreas"
"key_auto_complete" : "key_auto_complete"
"key_achievement_complete_medium" : "您已完成%1$s個中級數獨！"
"key_is_show_please_in_dc" : "HasShowDcPleaseInToday"
"key_achievement_total_days" : "您已经玩数独%1$s天了！"
"key_achievement_expert_perfect" : "您已完美完成%1$s個專家數獨！"
"key_achievement_total_days" : "ナンプレを%1$s日間連続でプレイ中！"
"key_achievement_medium_perfect" : "您已完美完成%1$s個中級數獨！"
"key_achievement_complete_easy" : "イージーレベルのナンプレを%1$sつクリアしました！"
"key_auto_next_number" : "key_auto_next_number"
"key_auto_remove_notes" : "AutoRemoveNotes"
"key_sound_effect" : "isSound"
"key_skill" : "關鍵技巧"

POSSIBLE SECRETS
"key_achievement_hard_perfect" : "您已完美完成%1$s个困难数独！"
"key_number_first" : "NumberFirst"
"key_achievement_medium_perfect" : "ノーマルレベルのナンプレを%1$sつ完全クリアしました！"
"com_facebook_device_auth_instructions" : "访问facebook.com/device并输入上方显示的验证码。"
"key_achievement_complete_easy" : "您已完成%1$s个简单数独！"
"key_achievement_medium_no_mistakes" : "您已无错误地完成了%1$s个中等数独！"
"key_skill" : "Hovedferdighet"
"key_achievement_complete_expert" : "您已完成%1$s個專家數獨！"
"key_achievement_complete_16x16" : "您已完成%1$s個16×16數獨！"
"key_achievement_total_days" : "您已經玩數獨%1$s天了！"
"key_notification" : "notification"
"key_show_time" : "key_show_time"
"key_skill" : "Avaintaito"
"key_light_mode" : "key_light_mode_v2"
"key_achievement_hard_perfect" : "您已完美完成%1$s個困難數獨！"
"key_is_click_rate" : "IS_CLICK_RATE"

POSSIBLE SECRETS
"key_skill" : "Nøglefærdighed"
"key_selected_theme" : "selectedTheme"
"key_is_feedback" : "IS_FEEDBACK"
"key_achievement_hard_no_mistakes" : "您已無錯誤地完成了%1$s個困難數獨！"
"key_achievement_complete_hard" : "ハードレベルのナンプレを%1$sつクリアしました！"
"key_achievement_today_completed" : "你今天已完成了%1$s局数独！"
"key_tournament_switch" : "tournament_switch"
"key_achievement_complete_16x16" : "您已完成%1$s个16×16数独！"
"key_achievement_complete_hard" : "您已完成%1$s个困难数独！"
"key_achievement_medium_perfect" : "您已完美完成%1$s个中级数独！"
"key_achievement_dc_continuous" : "您已經連續%1$s天完成了每日挑戰！"
"key_achievement_expert_perfect" : "エキスパートレベルのナンプレを%1$sつ完全クリアしました！"
"key_achievement_winning_streak" : "您已贏得%1$s連勝！"
"key_achievement_dc_continuous" : "您已经连续%1$s天完成了每日挑战！"
"key_skill" : "Schlüsselqualifikation"
"dyStrategy.privateAddress" : "privateAddress"

POSSIBLE SECRETS
"key_leave_times" : "leave_times"
"key_achievement_hard_no_mistakes" : "あなたは%1$sのハード数独を間違いなく完了しました！"
"key_is_rate" : "IS_RATE"
"key_highlight_identical_numbers" : "HighlightIdenticalNumbers"
"key_achievement_winning_streak" : "%1$s回連続でクリアしました！"
"key_complete_to_day_dc_time" : "CompleteToDayDailyChallengeTime"
"key_game_score_anim_switch" : "game_score_anim_switch"
"key_achievement_complete_medium" : "您已完成%1$s个中级数独！"
"key_achievement_today_completed" : "你今天已完成了%1$s局數獨！"
"key_achievement_complete_medium" : "ノーマルレベルのナンプレを%1$sつクリアしました！"
"com_facebook_device_auth_instructions" : "facebook.com/deviceにアクセスして、上記のコードを入力してください。"
"key_skill" : "Kulcsképesség"
"key_achievement_complete_easy" : "您已完成%1$s個簡單數獨！"
"key_skill" : "主要スキル"
"key_achievement_hard_perfect" : "ハードレベルのナンプレを%1$sつ完全クリアしました！"
"key_achievement_complete_expert" : "エキスパートレベルのナンプレを%1$sつクリアしました！"

POSSIBLE SECRETS
"key_achievement_expert_no_mistakes" : "您已无错误地完成了%1$s个专家数独！"
"key_skill" : "关键技巧"
"key_achievement_complete_expert" : "您已完成%1$s个专家数独！"
"key_skill" : "ທັກສະສຳຄັນ"
"firebase_database_url" : "https://sudoku-a782f.firebaseio.com"
"google_crash_reporting_api_key" : "AIzaSyDn4LXqgfq602c7QLnJt6FKgffNy9fkL3c"
"key_skill" : "Nyckelkunskaper"
"key_achievement_expert_perfect" : "您已完美完成%1$s个专家数独！"
"yandex_mobileads_age_restricted_user" : "com.yandex.mobile.ads.AGE_RESTRICTED_USER"
"key_player_win_count" : "PLAYER_WINCONT"
"key_skill" : "ทักษะที่สำคัญ"
"key_achievement_expert_no_mistakes" : "您已無錯誤地完成了%1$s個專家數獨！"
"key_achievement_expert_no_mistakes" : "あなたは%1$sのエキスパート数独を間違いなく完了しました！"
"key_vibration" : "Vibration"
"key_completion_animation" : "key_completion_animation"
"key_game_score_switch" : "game_score_switch"

POSSIBLE SECRETS
"key_auto_remove_duplicate_pencil" : "key_auto_remove_duplicate_pencil"
"key_count_time" : "countTime"
"key_achievement_dc_continuous" : "デイリーチャレンジを%1$s日間連続でクリアしました！"
"key_achievement_medium_no_mistakes" : "您已無錯誤地完成了%1$s個中等數獨！"
"key_skill" : "Lykilkunnátta"
"key_mistakes_limit" : "isMistakeErrorDie"
"key_achievement_today_completed" : "今日、%1$s個の数独を完了しました！"
"key_dc_notification" : "key_dc_notification"
"key_puzzle_information" : "key_puzzle_information"
"google_api_key" : "AIzaSyDn4LXqgfq602c7QLnJt6FKgffNy9fkL3c"
"key_skill" : "ជំនាញគន្លឹះ"
"key_screen_time_out" : "screenTimeOut"
"key_achievement_hard_no_mistakes" : "您已无错误地完成了%1$s个困难数独！"
"key_achievement_complete_hard" : "您已完成%1$s個困難數獨！"

PLAYSTORE INFORMATION

Title: Sudoku - Classic Sudoku Puzzle

Score: 4.7195516 Installs: 100,000,000+ Price: 0 Android Version Support: Category: Puzzle Play Store URL: easy.sudoku.puzzle.solver.free

Developer Details: Oakever Games, 9154199097976797965, None, https://oakevergames.com/, support@oakevergames.com,

Release Date: Jul 27, 2018 Privacy Policy: Privacy link

Description:

Enjoy the Classic Sudoku Puzzle Game for free! Immerse yourself in this ad-free, classic number puzzle game, available offline, for a logic-enhancing, fun challenge. DOWNLOAD this free app and start your Sudoku free adventure now, a true testament to mind games and puzzle games alike! Sudoku Puzzle Game stands out as a mind-boosting and intellectual brain sudoku number game on Google Play, with playing sudoku offline. You can download the Sudoku app for your Android phone and tablet to enjoy a Sudoku no ads experience! It's the perfect puzzle game for training your brain, logical thinking, memory, and an excellent way to kill time, making it a pinnacle of mind games. Classic Sudoku is a logic-based number sudoku free puzzle game, and the goal is to place 1 to 9 digit numbers into each grid cell so that each number can only appear once in each row, each column, and each mini-grid. With our classic Sudoku number puzzle app, you can not only enjoy sudoku puzzle games anytime, anywhere, but also learn Sudoku techniques from it. Embrace the challenge of Sudoku free and Sudoku offline game modes for a diverse gaming experience, further enriching the puzzle games genre. 🅰️🅰️Key Features🅰️🅰️ ✓Diverse Difficulty Levels: From easy to expert, designed to train your brain, making our app a pillar among sudoku puzzle games. ✓16x16 Sudoku Grid: Enhance your logical thinking, a must for mind game enthusiasts. ✓Daily Sudoku Challenges:🅰️🅰️New puzzles daily, adding excitement to your journey. ✓Sudoku No Ads: Focus solely on solving puzzles without interruptions. ✓Customizable Gameplay & Advanced Support Tools: Tailor your experience and navigate puzzles smoothly. Our Brain Sudoku app offers a comprehensive brain exercise, improving logical thinking and memory, with no ads to disrupt your gameplay. Features like sound effects, highlight options, and an intuitive interface ensure a seamless experience, online or offline. 🅰️🅰️You may also find the following Brain Sudoku features useful🅰️🅰️ ✓Weekly Sudoku Updates: 100 new puzzles each week, keeping your gameplay fresh. ✓Sudoku Offline: Play without an internet connection. ✓Social Sharing: You can share with your friends via Google+, Facebook, Twitter etc.. ✓Dark Mode: Protect your eyes during late-night sessions. ✓Sudoku Timer: Add a competitive edge to your gameplay. Our Sudoku puzzle app has an intuitive interface, easy control, clear layout, and well-balanced difficulty levels for beginners and advanced players, with no ads. As a Sudoku offline game, it's not only a good time killer but also helps you think, makes you more logical, and improves your memory. Engage your mind with our Sudoku free and Sudoku no ads experience, the ultimate mind games and puzzle games challenge. When you first open our Sudoku app, you see a guide tour teaching you how to play Sudoku, and when you open the sudoku puzzle game app for the 100th time, you can see yourself as a Sudoku master and a good Sudoku solver. You'd be able to play any web sudoku offline and fast. Come to our Kingdom of Sudoku and keep your mind logical. This is the classic sudoku app for sudoku lovers. If you like to play sudoku offline puzzle games, you should download the game app. You get 10000+ challenging sudoku puzzles every day to train your brain, and we add 100 sudoku puzzles every week. Each Sudoku offline puzzle has only one true solution. We offer 4 difficulty levels. We add 100 sudoku puzzles every week. Download now and play sudoku no ads puzzle games every day. For inquiries, email us at 🅰️🅰️support@dailyinnovation.biz. We're always here for you.

SCAN LOGS

Timestamp	Event	Error
2025-10-20 07:04:16	Generating Hashes	OK

2025-10-20 07:04:17	Extracting APK	OK
2025-10-20 07:04:17	Unzipping	OK
2025-10-20 07:04:17	Getting Hardcoded Certificates/Keystores	OK
2025-10-20 07:04:22	Parsing AndroidManifest.xml	OK
2025-10-20 07:04:22	Parsing APK with androguard	OK
2025-10-20 07:04:23	Extracting Manifest Data	OK
2025-10-20 07:04:23	Performing Static Analysis on: Sudoku (easy.sudoku.puzzle.solver.free)	OK
2025-10-20 07:04:23	Fetching Details from Play Store: easy.sudoku.puzzle.solver.free	OK
2025-10-20 07:04:23	Manifest Analysis Started	OK
2025-10-20 07:04:23	Reading Network Security config from network_security_config.xml	OK
2025-10-20 07:04:23	Parsing Network Security config	OK

2025-10-20 07:04:23	Checking for Malware Permissions	OK
2025-10-20 07:04:23	Fetching icon path	OK
2025-10-20 07:04:23	Library Binary Analysis Started	OK
2025-10-20 07:04:23	Analyzing apktool_out/lib/armeabi-v7a/libtobEmbedPagEncrypt.so	OK
2025-10-20 07:04:24	Analyzing apktool_out/lib/armeabi-v7a/libmeevii_native.so	OK
2025-10-20 07:04:24	Analyzing apktool_out/lib/armeabi-v7a/libcrashlytics-common.so	OK
2025-10-20 07:04:24	Analyzing apktool_out/lib/armeabi-v7a/libapminsighta.so	OK
2025-10-20 07:04:24	Analyzing apktool_out/lib/armeabi-v7a/libfile_lock.so	OK
2025-10-20 07:04:24	Analyzing apktool_out/lib/armeabi-v7a/libbuffer.so	OK
2025-10-20 07:04:24	Analyzing apktool_out/lib/armeabi-v7a/libapminsightb.so	OK
2025-10-20 07:04:24	Analyzing apktool_out/lib/armeabi-v7a/libcrashlytics.so	OK

2025-10-20 07:04:24	Analyzing apktool_out/lib/armeabi-v7a/libnms.so	OK
2025-10-20 07:04:24	Analyzing apktool_out/lib/armeabi-v7a/libtt_ugen_layout.so	OK
2025-10-20 07:04:25	Analyzing apktool_out/lib/armeabi-v7a/libcrashlytics-handler.so	OK
2025-10-20 07:04:25	Analyzing apktool_out/lib/armeabi-v7a/libdatastore_shared_counter.so	OK
2025-10-20 07:04:25	Analyzing apktool_out/lib/armeabi-v7a/libapplovin-native-crash-reporter.so	OK
2025-10-20 07:04:26	Analyzing apktool_out/lib/armeabi-v7a/libpglarmor.so	OK
2025-10-20 07:04:26	Analyzing apktool_out/lib/armeabi-v7a/libcrashlytics-trampoline.so	OK
2025-10-20 07:04:26	Analyzing apktool_out/lib/arm64-v8a/libtobEmbedPagEncrypt.so	OK
2025-10-20 07:04:26	Analyzing apktool_out/lib/arm64-v8a/libmeevii_native.so	OK
2025-10-20 07:04:26	Analyzing apktool_out/lib/arm64-v8a/libcrashlytics-common.so	OK
2025-10-20 07:04:26	Analyzing apktool_out/lib/arm64-v8a/libapminsighta.so	OK

2025-10-20 07:04:26	Analyzing apktool_out/lib/arm64-v8a/libfile_lock.so	OK
2025-10-20 07:04:26	Analyzing apktool_out/lib/arm64-v8a/libbuffer.so	OK
2025-10-20 07:04:26	Analyzing apktool_out/lib/arm64-v8a/libapminsightb.so	OK
2025-10-20 07:04:26	Analyzing apktool_out/lib/arm64-v8a/libcrashlytics.so	OK
2025-10-20 07:04:26	Analyzing apktool_out/lib/arm64-v8a/libnms.so	OK
2025-10-20 07:04:26	Analyzing apktool_out/lib/arm64-v8a/libtt_ugen_layout.so	OK
2025-10-20 07:04:27	Analyzing apktool_out/lib/arm64-v8a/libcrashlytics-handler.so	OK
2025-10-20 07:04:27	Analyzing apktool_out/lib/arm64-v8a/libdatastore_shared_counter.so	OK
2025-10-20 07:04:27	Analyzing apktool_out/lib/arm64-v8a/libapplovin-native-crash-reporter.so	OK
2025-10-20 07:04:28	Analyzing apktool_out/lib/arm64-v8a/libpglarmor.so	OK
2025-10-20 07:04:28	Analyzing apktool_out/lib/arm64-v8a/libcrashlytics-trampoline.so	OK

2025-10-20 07:04:28	Analyzing lib/armeabi-v7a/libtobEmbedPagEncrypt.so	OK
2025-10-20 07:04:28	Analyzing lib/armeabi-v7a/libmeevii_native.so	OK
2025-10-20 07:04:28	Analyzing lib/armeabi-v7a/libcrashlytics-common.so	OK
2025-10-20 07:04:28	Analyzing lib/armeabi-v7a/libapminsighta.so	OK
2025-10-20 07:04:28	Analyzing lib/armeabi-v7a/libfile_lock.so	OK
2025-10-20 07:04:28	Analyzing lib/armeabi-v7a/libbuffer.so	OK
2025-10-20 07:04:28	Analyzing lib/armeabi-v7a/libapminsightb.so	OK
2025-10-20 07:04:28	Analyzing lib/armeabi-v7a/libcrashlytics.so	OK
2025-10-20 07:04:28	Analyzing lib/armeabi-v7a/libnms.so	OK
2025-10-20 07:04:28	Analyzing lib/armeabi-v7a/libtt_ugen_layout.so	OK
2025-10-20 07:04:29	Analyzing lib/armeabi-v7a/libcrashlytics-handler.so	OK

2025-10-20 07:04:29	Analyzing lib/armeabi-v7a/libdatastore_shared_counter.so	OK
2025-10-20 07:04:29	Analyzing lib/armeabi-v7a/libapplovin-native-crash-reporter.so	OK
2025-10-20 07:04:30	Analyzing lib/armeabi-v7a/libpglarmor.so	OK
2025-10-20 07:04:30	Analyzing lib/armeabi-v7a/libcrashlytics-trampoline.so	OK
2025-10-20 07:04:30	Analyzing lib/arm64-v8a/libtobEmbedPagEncrypt.so	OK
2025-10-20 07:04:30	Analyzing lib/arm64-v8a/libmeevii_native.so	OK
2025-10-20 07:04:30	Analyzing lib/arm64-v8a/libcrashlytics-common.so	OK
2025-10-20 07:04:30	Analyzing lib/arm64-v8a/libapminsighta.so	OK
2025-10-20 07:04:30	Analyzing lib/arm64-v8a/libfile_lock.so	OK
2025-10-20 07:04:30	Analyzing lib/arm64-v8a/libbuffer.so	OK
2025-10-20 07:04:30	Analyzing lib/arm64-v8a/libapminsightb.so	OK

2025-10-20 07:04:30	Analyzing lib/arm64-v8a/libcrashlytics.so	OK
2025-10-20 07:04:30	Analyzing lib/arm64-v8a/libnms.so	OK
2025-10-20 07:04:30	Analyzing lib/arm64-v8a/libtt_ugen_layout.so	OK
2025-10-20 07:04:31	Analyzing lib/arm64-v8a/libcrashlytics-handler.so	OK
2025-10-20 07:04:31	Analyzing lib/arm64-v8a/libdatastore_shared_counter.so	OK
2025-10-20 07:04:31	Analyzing lib/arm64-v8a/libapplovin-native-crash-reporter.so	OK
2025-10-20 07:04:32	Analyzing lib/arm64-v8a/libpglarmor.so	OK
2025-10-20 07:04:32	Analyzing lib/arm64-v8a/libcrashlytics-trampoline.so	OK
2025-10-20 07:04:32	Reading Code Signing Certificate	OK
2025-10-20 07:04:32	Running APKiD 2.1.5	OK
2025-10-20 07:04:42	Detecting Trackers	OK

2025-10-20 07:04:49	Decompiling APK to Java with jadx	OK
2025-10-20 07:04:49	Converting DEX to Smali	OK
2025-10-20 07:04:49	Code Analysis Started on - java_source	OK
2025-10-20 07:04:49	Android SAST Completed	OK
2025-10-20 07:04:49	Android API Analysis Started	OK
2025-10-20 07:04:50	Android Permission Mapping Started	OK
2025-10-20 07:04:50	Android Permission Mapping Completed	OK
2025-10-20 07:04:50	Finished Code Analysis, Email and URL Extraction	OK
2025-10-20 07:04:50	Extracting String data from APK	OK
2025-10-20 07:05:16	Extracting String data from SO	OK
2025-10-20 07:05:17	Extracting String data from Code	OK

2025-10-20 07:05:17	Extracting String values and entropies from Code	OK
2025-10-20 07:05:17	Performing Malware check on extracted domains	OK
2025-10-20 07:05:20	Saving to Database	OK