

### ANDROID STATIC ANALYSIS REPORT



NM Notify (minted1100011)

File Name: NM Notify\_vminted1100011\_apkpure.com.xapk

Package Name: gov.nm.covid19.exposurenotifications

Average CVSS Score: 0

App Security Score: 100/100 (LOW RISK)

Scan Date: Feb. 20, 2022, 5:58 p.m.



**File Name:** NM Notify\_vminted1100011\_apkpure.com.xapk

**Size:** 3.75MB

**MD5**: ba7f44a0ae21d14c01b453166b468e3b

**SHA1:** dd078af2644dabb07131a02c9ba7f0811f698436

**\$\text{SHA256}**: 8d80b6864ffa5dbf4bfea76e71bde80b22958493f329a985ee9de6e4cb025df2

### **i** APP INFORMATION

App Name: NM Notify

Package Name: gov.nm.covid19.exposurenotifications

Main Activity: com.google.android.apps.exposurenotification.home.ExposureNotificationActivity

Target SDK: 31 Min SDK: 21 Max SDK:

Android Version Name: minted1100011
Android Version Code: 11000112

### **EE** APP COMPONENTS

Activities: 4 Services: 8 Receivers: 12 Providers: 2

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

## **\*** CERTIFICATE INFORMATION

APK is signed

v1 signature: True v2 signature: True v3 signature: True

Found 1 unique certificates

Subject: C=US, ST=California, L=Mountain View, O=Google Inc., OU=Android, CN=Android

Signature Algorithm: rsassa\_pkcs1v15 Valid From: 2021-01-25 02:48:47+00:00 Valid To: 2051-01-25 02:48:47+00:00 Issuer: C=US, ST=California, L=Mountain View, O=Google Inc., OU=Android, CN=Android

Serial Number: 0x85561399e8dbeab66fe84b165f05669a6ba181fa

Hash Algorithm: sha256

md5: efd9256777a6080ca44b0264ae71a9b3

sha1: 49ae93fcd3839fb297fc5647b8291b1768b7a944

sha256: 046a182e8675e14d1ffc6de0c8c61b1d366e803bc3d1c2a5666c64c5868e4f1c

sha512: 3856d246116 fa59cd9 be 1d7 f28 ecce8 a 483 e 6035 a 7e1d8 cbb 2d7702 eb 18c809 f5cbb f0643388 e 29a486569 b 6b8 fae 73b4974 a f1258111 de 8b487 fb3091b0 c9e44 between the factor of the fac

PublicKey Algorithm: rsa

Bit Size: 4096

Fingerprint: d9790c5fb66f0e30ac2ec5784a512426edf5d46166fc09f09b1a64b7bb4543af

STATUS	DESCRIPTION
secure	Application is signed with a code signing certificate
warning	Application is signed with v1 signature scheme, making it vulnerable to Janus vulnerability on Android 5.0-8.0, if signed only with v1 signature scheme.  Applications running on Android 5.0-7.0 signed with v1, and v2/v3 scheme is also vulnerable.

### **EXAMPLICATION PERMISSIONS**

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

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
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.FOREGROUND_SERVICE	normal		Allows a regular application to use Service.startForeground.

## **APKID ANALYSIS**

FILE	DETAILS	
	FINDINGS	DETAILS
classes.dex	Anti-VM Code	Build.FINGERPRINT check Build.MANUFACTURER check
	Compiler	r8



ACTIVITY	INTENT
com.google.android.apps.exposurenotification.home.ExposureNotificationActivity	Schemes: ens://, https://, Hosts: us-nm.en.express,

## **△** NETWORK SECURITY

NO	SCOPE	SEVERITY	DESCRIPTION	
140	3601 E	SEVERITI	DESCRIPTION	

## **Q** MANIFEST ANALYSIS

NO	ISSUE	SEVERITY	DESCRIPTION
1	Application Data can be Backed up [android:allowBackup=true]	medium	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.

NO	ISSUE	SEVERITY	DESCRIPTION
2	Broadcast Receiver (com.google.android.apps.exposurenotification.nearby.ExposureNotificationBroadcastReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.gms.nearby.exposurenotification.EXPOSURE_CALLBACK [android:exported=true]	high	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. 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.
3	Broadcast Receiver (com.google.android.apps.exposurenotification.nearby.SmsVerificationBroadcastReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.gms.nearby.exposurenotification.EXPOSURE_CALLBACK [android:exported=true]	high	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. 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
4	Service (com.google.android.gms.nearby.exposurenotification.WakeUpService) is Protected by a permission, but the protection level of the permission should be checked.  Permission: com.google.android.gms.nearby.exposurenotification.EXPOSURE_CALLBACK [android:exported=true]	high	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
5	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]	high	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. 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
6	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]	high	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.

## </> CODE ANALYSIS

FILES	SEVERITY	ISSUE	NO	
		SEVERITY	ISSUE SEVERITY	NO ISSUE SEVERITY

## ■ NIAP ANALYSIS v1.3

NO IDENTIFIER REQUIREMENT FEATURE DESCRIPTION
---

## **Q** DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
cs.android.com	good	IP: 172.217.14.238  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
www.jetbrains.org	good	IP: 65.8.68.36 Country: United States of America Region: Washington City: Seattle Latitude: 47.606209 Longitude: -122.332069 View: Google Map
android.git.kernel.org	good	No Geolocation information available.
prod.exposurenotification.health	good	IP: 13.107.213.70 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map
spdx.org	good	IP: 13.227.65.104  Country: United States of America Region: California City: San Francisco Latitude: 37.774929 Longitude: -122.419418  View: Google Map

DOMAIN	STATUS	GEOLOCATION
code.google.com	good	IP: 142.251.33.78  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
findbugs.sourceforge.net	good	IP: 204.68.111.100 Country: United States of America Region: California City: San Diego Latitude: 32.799797 Longitude: -117.137047 View: Google Map
www.cs.washington.edu	good	IP: 34.215.139.216 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
nmnotify.com	good	IP: 13.85.24.220 Country: United States of America Region: Texas City: San Antonio Latitude: 29.424120 Longitude: -98.493629 View: Google Map

Т

DOMAIN	STATUS	GEOLOCATION
opensource.org	good	IP: 159.65.34.8  Country: United States of America Region: New Jersey City: Clifton Latitude: 40.858429 Longitude: -74.163757 View: Google Map
www.threeten.org	good	IP: 185.199.108.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map
www.jetbrains.com	good	IP: 52.35.219.183 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
nmnotify.nmhealth.org	good	IP: 13.85.24.220 Country: United States of America Region: Texas City: San Antonio Latitude: 29.424120 Longitude: -98.493629 View: Google Map

DOMAIN	STATUS	GEOLOCATION
mikepenz.com	good	IP: 172.67.141.197 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
kotlinlang.org	good	IP: 65.8.68.111 Country: United States of America Region: Washington City: Seattle Latitude: 47.606209 Longitude: -122.332069 View: Google Map
schemas.android.com	good	No Geolocation information available.
g.co	good	IP: 142.251.33.78  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
commons.apache.org	good	IP: 151.101.2.132 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map

DOMAIN	STATUS	GEOLOCATION
support.google.com	good	IP: 142.250.217.78  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
apiserver.encv.org	good	IP: 34.107.223.222 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
uwaterloo.ca	good	IP: 151.101.130.133 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
cloud.google.com	good	IP: 142.251.33.110 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

Т

DOMAIN	STATUS	GEOLOCATION
github.com	good	IP: 140.82.114.4 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
www.google.com	good	IP: 142.251.33.68  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
plus.google.com	good	IP: 142.250.217.110 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
git-wip-us.apache.org	good	IP: 52.202.80.70 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map

DOMAIN	STATUS	GEOLOCATION
www.apache.org	good	IP: 151.101.2.132 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
www.gstatic.com	good	IP: 142.251.33.67 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
raw.githubusercontent.com	good	IP: 185.199.109.133  Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map
encdn.prod.exposurenotification.health	good	IP: 13.107.219.70 Country: United States of America Region: Washington City: Redmond Latitude: 47.682899 Longitude: -122.120903 View: Google Map

DOMAIN	STATUS	GEOLOCATION
checkerframework.org	good	IP: 128.208.3.120 Country: United States of America Region: Washington City: Seattle Latitude: 47.663902 Longitude: -122.291954 View: Google Map
tools.android.com	good	IP: 142.251.33.115  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
developer.android.com	good	IP: 172.217.14.238  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
play.google.com	good	IP: 142.251.33.78 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
source.android.com	good	IP: 172.217.14.238  Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map



URL	FILE
http://schemas.android.com/apk/res/android	e/b/a/m.java
https://plus.google.com/	f/b/a/c/b/m/g0.java
https://github.com/grpc/grpc-java/issues/5015	h/a/j1/m1.java
https://support.google.com/android?p=enx_app_usage https://support.google.com/android/answer/9888358 http://g.co/ens https://support.google.com/android?p=enx_reporting https://nmnotify.com/privacy-policy/ https://NmNotify.com https://nmnotify.com/classification/ https://www.gstatic.com/prio-manifests/gov.nm.covid19.exposurenotifications.config.json https://nmnotify.nmhealth.org https://encdn.prod.exposurenotification.health/ https://encdn.prod.exposurenotification.health/v1/index.txt https://prod.exposurenotification.health/v1/publish https://apiserver.encv.org/api/certificate	

nttps://apiserver.encv.org/api/verify	FILE
https://support.google.com/googleplay/answer/9037938	FILL
1 11 0 0 0 0 1 3	
nttps://support.google.com/android?p=enx_overview	
nttps://www.google.com/covid19/exposurenotifications/	
nttp://mikepenz.com/	
nttps://github.com/mikepenz/AboutLibraries	
nttps://developer.android.com/jetpack/androidx/releases/activity#1.2.4	
nttps://cs.android.com/androidx/platform/frameworks/support	
nttps://developer.android.com/jetpack/androidx/releases/annotation#1.1.0	
nttps://developer.android.com/jetpack/androidx/releases/annotation#1.3.0-alpha01	
nttps://developer.android.com/jetpack/androidx/releases/appcompat#1.4.0-alpha03	
nttps://developer.android.com/topic/libraries/architecture/index.html	
nttp://source.android.com	
nttp://developer.android.com/tools/extras/support-library.html	
nttp://tools.android.com	
nttps://github.com/androidx/constraintlayout	
nttps://developer.android.com/jetpack/androidx	
https://developer.android.com/jetpack/androidx/releases/core#1.7.0-alpha01	
https://developer.android.com/jetpack/androidx/releases/emoji2#1.0.0-alpha03	
https://developer.android.com/jetpack/androidx/releases/fragment#1.3.6	
https://developer.android.com/jetpack/androidx/releases/hilt#1.0.0	
https://developer.android.com/jetpack/androidx/releases/hilt#1.0.0-alpha03	
https://developer.android.com/jetpack/androidx/releases/lifecycle#2.4.0-alpha02	
https://developer.android.com/jetpack/androidx/releases/lifecycle#2.3.1	
data:2.1.0	
nttps://developer.android.com/jetpack/androidx/releases/resourceinspection#1.0.0-alpha03	
https://developer.android.com/jetpack/androidx/releases/savedstate#1.1.0	
https://developer.android.com/jetpack/androidx/releases/startup#1.0.0	
nttps://developer.android.com/jetpack/androidx/releases/work#2.7.0-rc01	
http://source.android.com/	
nttps://android.git.kernel.org/	
nttps://github.com/material-components/material-components-android	
nttp://www.google.com	
nttps://github.com/google/auto/tree/master/value	Android String Resource
http://github.com/google/auto	7 that old stilling resource
nttp://findbugs.sourceforge.net/	
https://code.google.com/p/jsr-305/	
nttps://www.google.com	
nttps://github.com/google/dagger	

	1
https://github.com/google/dagger/	EU E
btRk://github.com/google/j2objc/	FILE
https://cloud.google.com	
http://www.google.com/	
https://github.com/google/libphonenumber/	
https://github.com/JakeWharton/ThreeTenABP/	
https://github.com/mikepenz/FastAdapter	
http://commons.apache.org/proper/commons-io/	
https://git-wip-us.apache.org/repos/asf?p=commons-io.git	
https://github.com/abseil/abseil-cpp	
https://github.com/google/boringssl	
https://www.google.com/covid19/exposurenotifications	
https://github.com/google/exposure-notifications-android	
https://github.com/google/libprio-cc	
https://github.com/protocolbuffers/protobuf	
https://github.com/grpc/grpc-java	
https://github.com/perfmark/perfmark	
http://code.google.com/p/atinject/	
http://code.google.com/p/atinject/source/checkout	
https://www.cs.washington.edu/,	
http://uwaterloo.ca/,	
https://www.cs.washington.edu/research/plse/	
https://checkerframework.org	
https://github.com/typetools/checker-framework.git	
http://www.jetbrains.com	
http://www.jetbrains.org	
https://github.com/JetBrains/intellij-community	
https://www.jetbrains.com	
https://kotlinlang.org/	
https://github.com/JetBrains/kotlin	
https://www.threeten.org	
https://www.threeten.org/threetenbp	
https://github.com/ThreeTen/threetenbp	
http://www.apache.org/licenses/LICENSE-2.0	
http://www.apache.org/licenses/LICENSE-2.0.html	
https://spdx.org/licenses/BSD-3-Clause.html	
https://raw.githubusercontent.com/google/boringssl/master/LICENSE	
http://source.android.com/,	
http://source.android.com/compatibility)	
https://developer.android.com/studio/terms.html	

http://opensource.org/licenses/MIT	
btRt://support.google.com/android?p=en_analytics	FILE
https://play.gongle.com/stone/apps/details?irl=%1\$s	

https://support.google.com/android?p=enxsms



EMAIL	FILE
u0013android@android.com0 u0013android@android.com	f/b/a/c/b/y.java
doh-nm-notify@state.nm	Android String Resource

## **₽** HARDCODED SECRETS

POSSIBLE SECRETS
"define_plu_com_google_android_datatransporttransport_api" : ""
"define_plu_com_google_firebasefirebase_auth_interop" : ""
"define_plu_com_google_firebasefirebase_common" : ""
"define_plu_com_google_firebasefirebase_components" : ""
"define_plu_com_google_firebasefirebasedatabase_collection" : ""
"define_plu_com_google_firebasefirebase_datatransport" : ""



POSSIBLE SECRETS
"library_androidx_annotation_annotation_author" : "AOSP"
"library_androidx_annotation_annotation_experimental_author" : "AOSP"
"library_androidx_appcompat_appcompat_author" : "AOSP"
"library_androidx_appcompat_appcompat_resources_author" : "AOSP"
"library_androidx_arch_corecore_common_author" : "AOSP"
"library_androidx_arch_corecore_runtime_author" : "AOSP"
"library_androidx_cardviewcardview_author" : "AOSP"
"library_androidx_collectioncollection_author" : "AOSP"
"library_androidx_constraintlayout_constraintlayout_author" : "AOSP"
"library_androidx_constraintlayout_constraintlayout_core_author" : "AOSP"
"library_androidx_coordinatorlayoutcoordinatorlayout_author" : "AOSP"
"library_androidx_corecore_author" : "AOSP"
"library_androidx_corecore_ktx_author" : "AOSP"
"library_androidx_cursoradapter_cursoradapter_author" : "AOSP"
"library_androidx_customviewcustomview_author" : "AOSP"

POSSIBLE SECRETS
"library_androidx_documentfiledocumentfile_author" : "AOSP"
"library_androidx_drawerlayoutdrawerlayout_author" : "AOSP"
"library_androidx_dynamicanimationdynamicanimation_author" : "AOSP"
"library_androidx_emoji2emoji2_author" : "AOSP"
"library_androidx_emoji2emoji2_views_helper_author" : "AOSP"
"library_androidx_fragment_fragment_author" : "AOSP"
"library_androidx_hilthilt_common_author" : "AOSP"
"library_androidx_hilthilt_lifecycle_viewmodel_author" : "AOSP"
"library_androidx_hilthilt_work_author" : "AOSP"
"library_androidx_interpolator_interpolator_author" : "AOSP"
"library_androidx_legacylegacy_support_core_utils_author" : "AOSP"
"library_androidx_lifecyclelifecycle_common_author" : "AOSP"
"library_androidx_lifecyclelifecycle_livedata_author" : "AOSP"
"library_androidx_lifecyclelifecycle_livedata_core_author" : "AOSP"
"library_androidx_lifecyclelifecycle_process_author" : "AOSP"

POSSIBLE SECRETS
"library_androidx_lifecyclelifecycle_runtime_author" : "AOSP"
"library_androidx_lifecyclelifecycle_service_author" : "AOSP"
"library_androidx_lifecyclelifecycle_viewmodel_author" : "AOSP"
"library_androidx_lifecyclelifecycle_viewmodel_savedstate_author" : "AOSP"
"library_androidx_loader_loader_author" : "AOSP"
"library_androidx_localbroadcastmanagerlocalbroadcastmanager_author" : "AOSP"
"library_androidx_navigation_navigation_common_author" : "AOSP"
"library_androidx_navigation_navigation_fragment_author" : "AOSP"
"library_androidx_navigation_navigation_runtime_author" : "AOSP"
"library_androidx_printprint_author" : "AOSP"
"library_androidx_recyclerviewrecyclerview_author" : "AOSP"
"library_androidx_resourceinspection_resourceinspection_annotation_author" : "AOSP"
"library_androidx_roomroom_common_author" : "AOSP"
"library_androidx_roomroom_guava_author" : "AOSP"
"library_androidx_roomroom_runtime_author" : "AOSP"

POSSIBLE SECRETS
"library_androidx_savedstate_savedstate_author" : "AOSP"
"library_androidx_sliceslice_builders_author" : "AOSP"
"library_androidx_sliceslice_core_author" : "AOSP"
"library_androidx_sqlitesqlite_author" : "AOSP"
"library_androidx_sqlitesqlite_framework_author" : "AOSP"
"library_androidx_startupstartup_runtime_author" : "AOSP"
"library_androidx_transition_transition_author" : "AOSP"
"library_androidx_vectordrawablevectordrawable_animated_author" : "AOSP"
"library_androidx_vectordrawablevectordrawable_author" : "AOSP"
"library_androidx_viewpager2viewpager2_author" : "AOSP"
"library_androidx_viewpagerviewpager_author" : "AOSP"
"library_androidx_workwork_runtime_author" : "AOSP"
"library_com_google_androidannotations_author" : "The Android Open Source Projects"
"library_com_google_android_datatransport_transport_api_libraryArtifactId" : "com.google.android.datatransport:transport-api:2.2.1"
"library_com_google_android_datatransport_transport_api_libraryDescription" : ""

POSSIBLE SECRETS
"library_com_google_android_datatransport_transport_api_libraryName" : "transport-api"
"library_com_google_android_datatransport_transport_api_libraryVersion" : "2.2.1"
"library_com_google_android_datatransport_transport_api_licenseld" : "Apache_2_0"
"library_com_google_android_datatransport_transport_api_licenselds" : "Apache_2_0"
"library_com_google_android_materialmaterial_author" : "AOSP"
"library_com_google_auto_value_auto_value_annotations_author" : "Google LLC"
"library_com_google_auto_value_auto_value_annotations_authorWebsite" : "http://www.google.com"
"library_com_google_daggerdagger_author" : "Google, Inc."
"library_com_google_daggerdagger_authorWebsite" : "https://www.google.com"
"library_com_google_daggerdagger_lint_aar_author" : "Google, Inc."
"library_com_google_daggerdagger_lint_aar_authorWebsite" : "https://www.google.com"
"library_com_google_daggerhilt_android_author" : "Google, Inc."
"library_com_google_daggerhilt_android_authorWebsite" : "https://www.google.com"
"library_com_google_daggerhilt_core_author" : "Google, Inc."
"library_com_google_daggerhilt_core_authorWebsite" : "https://www.google.com"

# **POSSIBLE SECRETS** "library\_com\_google\_firebase\_firebase\_auth\_interop\_libraryArtifactId": "com.google.firebase:firebase-auth-interop:18.0.0" "library\_com\_google\_firebase\_\_firebase\_auth\_interop\_libraryDescription": "" "library\_com\_google\_firebase\_\_firebase\_auth\_interop\_libraryName": "firebase-auth-interop" "library\_com\_google\_firebase\_\_firebase\_auth\_interop\_libraryVersion": "18.0.0" "library\_com\_google\_firebase\_\_firebase\_auth\_interop\_licenseld": "ASDKL" "library com google firebase firebase auth interop licenselds": "ASDKL" "library\_com\_google\_firebase\_firebase\_common\_libraryArtifactId": "com.google.firebase:firebase-common:19.3.1" "library\_com\_google\_firebase\_firebase\_common\_libraryDescription": "" "library\_com\_google\_firebase\_\_firebase\_common\_libraryName": "firebase-common" "library\_com\_google\_firebase\_\_firebase\_common\_libraryVersion": "19.3.1" "library com google firebase firebase common licenseld": "Apache 2 0" "library\_com\_google\_firebase\_\_firebase\_common\_licenselds": "Apache\_2\_0" "library\_com\_google\_firebase\_\_firebase\_components\_libraryArtifactId": "com.google.firebase:firebase-components:16.0.0" "library\_com\_google\_firebase\_\_firebase\_components\_libraryDescription": "" "library com google firebase firebase components libraryName": "firebase-components"

# **POSSIBLE SECRETS** "library\_com\_google\_firebase\_\_firebase\_components\_libraryVersion": "16.0.0" "library\_com\_google\_firebase\_firebase\_components\_licenseld": "Apache\_2\_0" "library\_com\_google\_firebase\_\_firebase\_components\_licenselds": "Apache\_2\_0" "library\_com\_google\_firebase\_firebase\_database\_collection\_libraryArtifactId": "com.google.firebase:firebase-database-collection:17.0.1" "library\_com\_google\_firebase\_\_firebase\_database\_collection\_libraryDescription": "" "library com google firebase firebase database collection libraryName": "firebase-database-collection" "library\_com\_google\_firebase\_\_firebase\_database\_collection\_libraryVersion": "17.0.1" "library\_com\_google\_firebase\_firebase\_database\_collection\_licenseld": "Apache\_2\_0" "library\_com\_google\_firebase\_firebase\_database\_collection\_licenselds": "Apache\_2\_0" "library\_com\_google\_firebase\_\_firebase\_\_datatransport\_libraryArtifactId": "com.google.firebase:firebase-datatransport:17.0.8" "library com google firebase firebase datatransport libraryDescription": "" "library\_com\_google\_firebase\_\_firebase\_datatransport\_libraryName": "firebase-datatransport" "library\_com\_google\_firebase\_\_firebase\_datatransport\_libraryVersion": "17.0.8" "library\_com\_google\_firebase\_firebase\_datatransport\_licenseld": "Apache\_2\_0" "library com google firebase firebase datatransport licenselds": "Apache 2 0"

# **POSSIBLE SECRETS** "library\_com\_google\_firebase\_firebase\_encoders\_json\_libraryArtifactId": "com.google.firebase:firebase-encoders-json:16.1.0" "library\_com\_google\_firebase\_firebase\_encoders\_json\_libraryDescription": "" "library\_com\_google\_firebase\_\_firebase\_encoders\_json\_libraryName": "firebase-encoders-json" "library\_com\_google\_firebase\_firebase\_encoders\_ison\_libraryVersion": "16.1.0" "library\_com\_google\_firebase\_firebase\_encoders\_json\_licenseld": "Apache\_2\_0" "library com google firebase firebase encoders json licenselds": "Apache 2 0" "library\_com\_google\_firebase\_firebase\_firestore\_libraryArtifactId": "com.google.firebase:firebase-firestore:21.6.0" "library\_com\_google\_firebase\_firebase\_firestore\_libraryDescription": "" "library\_com\_google\_firebase\_firebase\_firestore\_libraryName": "firebase-firestore" "library\_com\_google\_firebase\_firebase\_firestore\_libraryVersion": "21.6.0" "library com google firebase firebase firestore licenseld": "Apache 2 0" "library\_com\_google\_firebase\_firebase\_firestore\_licenselds": "Apache\_2\_0" "library\_com\_google\_firebase\_\_protolite\_well\_known\_types\_libraryArtifactId": "com.google.firebase:protolite-well-known-types:17.1.0" "library\_com\_google\_firebase\_\_protolite\_well\_known\_types\_libraryDescription": "" "library com google firebase protolite well known types libraryName": "protolite-well-known-types"

POSSIBLE SECRETS	
"library_com_google_firebaseprotolite_well_known_types_libraryVersion" : "17.1.0"	
"library_com_google_firebaseprotolite_well_known_types_licenseld" : "Apache_2_0"	
"library_com_google_firebaseprotolite_well_known_types_licenselds" : "Apache_2_0"	
"library_com_google_guavafailureaccess_author" : "Kevin Bourrillion"	
"library_com_google_guavafailureaccess_authorWebsite" : "http://www.google.com"	
"library_com_google_guava_guava_author" : "Kevin Bourrillion"	
"library_com_google_guava_guava_authorWebsite" : "http://www.google.com"	
"library_com_google_guavalistenablefuture_author" : "Kevin Bourrillion"	
"library_com_google_guavalistenablefuture_authorWebsite" : "http://www.google.com"	
"library_com_google_protobuf_protobuf_javalite_author" : "Hao Nguyen"	
"library_com_google_protobuf_protobuf_javalite_authorWebsite" : "https://cloud.google.com"	
"library_com_googlecode_libphonenumberlibphonenumber_author" : "Shaopeng Jia, Lara Rennie"	
"library_com_googlecode_libphonenumberlibphonenumber_authorWebsite" : "http://www.google.com/"	
"library_com_jakewharton_threetenabpthreetenabp_author" : "Jake Wharton"	
"library_com_mikepenzaboutlibraries_core_author" : "Mike Penz"	

## **POSSIBLE SECRETS** "library\_com\_mikepenz\_\_fastadapter\_author" : "Mike Penz" "library\_com\_squareup\_okio\_\_okio\_author": "Square, Inc" "library\_commons\_io\_\_commons\_io\_author": "Scott Sanders, dlon Gillard, Nicola Ken Barozzi, Henri Yandell, Stephen Colebourne, Jeremias Maerki, Matthew Hawthorn e, Martin Cooper, Rob Oxspring, Jochen Wiedmann, Niall Pemberton, Jukka Zitting, Gary Gregory, Kristian Rosenvold" "library fastadapter author": "Mike Penz" "library\_fastadapter\_authorWebsite": "http://mikepenz.com/" "library io grpc grpc android author": "gRPC Contributors" "library\_io\_grpc\_\_grpc\_android\_authorWebsite": "https://www.google.com" "library\_io\_grpc\_\_grpc\_api\_author" : "gRPC Contributors" "library\_io\_grpc\_\_grpc\_api\_authorWebsite": "https://www.google.com" "library\_io\_grpc\_grpc\_api\_isOpenSource": "true" "library\_io\_grpc\_grpc\_api\_libraryArtifactId": "io.grpc:grpc-api:1.28.0" "library\_io\_grpc\_\_grpc\_api\_libraryDescription" : "gRPC: API" "library\_io\_grpc\_\_grpc\_api\_libraryName" : "io.grpc:grpc-api" "library\_io\_grpc\_\_grpc\_api\_libraryVersion": "1.28.0" "library\_io\_grpc\_grpc\_api\_libraryWebsite": "https://github.com/grpc/grpc-java"

POSSIBLE SECRETS
"library_io_grpc_grpc_api_licenseld" : "Apache_2_0"
"library_io_grpc_grpc_api_licenselds" : "Apache_2_0"
"library_io_grpc_grpc_api_owner" : "gRPC Contributors"
"library_io_grpcgrpc_api_repositoryLink" : "https://github.com/grpc/grpc-java"
"library_io_grpcgrpc_core_author" : "gRPC Contributors"
"library_io_grpcgrpc_core_authorWebsite" : "https://www.google.com"
"library_io_grpcgrpc_okhttp_author" : "gRPC Contributors"
"library_io_grpcgrpc_okhttp_authorWebsite" : "https://www.google.com"
"library_io_grpcgrpc_protobuf_lite_author" : "gRPC Contributors"
"library_io_grpcgrpc_protobuf_lite_authorWebsite" : "https://www.google.com"
"library_io_grpcgrpc_stub_author" : "gRPC Contributors"
"library_io_grpcgrpc_stub_authorWebsite" : "https://www.google.com"
"library_io_perfmarkperfmark_api_author" : "Carl Mastrangelo"
"library_io_perfmarkperfmark_api_isOpenSource" : "true"
"library_io_perfmarkperfmark_api_libraryArtifactld" : "io.perfmark:perfmark-api:0.19.0"

POSSIBLE SECRETS	
"library_io_perfmarkperfmark_api_libraryDescription" : "PerfMark API"	
"library_io_perfmarkperfmark_api_libraryName" : "perfmark:perfmark-api"	
"library_io_perfmarkperfmark_api_libraryVersion" : "0.19.0"	
"library_io_perfmarkperfmark_api_libraryWebsite" : "https://github.com/perfmark/perfmark"	
"library_io_perfmarkperfmark_api_licenseld" : "Apache_2_0"	
"library_io_perfmarkperfmark_api_licenselds" : "Apache_2_0"	
"library_io_perfmarkperfmark_api_owner" : "Carl Mastrangelo"	
"library_io_perfmarkperfmark_api_repositoryLink" : "https://github.com/perfmark/perfmark"	
"library_org_checkerframeworkchecker_compat_qual_author" : "Michael Ernst, Werner M. Dietl, Suzanne Millstein"	
"library_org_checkerframeworkchecker_compat_qual_authorWebsite": "https://www.cs.washington.edu/, http://uwaterloo.ca/, https://www.cs.washington.edu/rese arch/plse/"	
"library_org_codehaus_mojoanimal_sniffer_annotations_author" : "Kohsuke Kaw, Stephen Connolly"	
"library_org_jetbrainsannotations_author" : "JetBrains Team"	
"library_org_jetbrainsannotations_authorWebsite" : "http://www.jetbrains.com"	
"library_org_jetbrains_kotlinkotlin_android_extensions_runtime_author" : "Kotlin Team"	
"library_org_jetbrains_kotlinkotlin_android_extensions_runtime_authorWebsite" : "https://www.jetbrains.com"	

## POSSIBLE SECRETS "library\_org\_jetbrains\_kotlin\_kotlin\_stdlib\_author": "Kotlin Team" "library\_org\_jetbrains\_kotlin\_\_kotlin\_stdlib\_authorWebsite": "https://www.jetbrains.com" "library\_org\_jetbrains\_kotlin\_kotlin\_stdlib\_common\_author": "Kotlin Team" "library\_org\_jetbrains\_kotlin\_\_kotlin\_stdlib\_common\_authorWebsite" : "https://www.jetbrains.com" "library\_org\_jetbrains\_kotlin\_kotlin\_stdlib\_jdk7\_author" : "Kotlin Team" "library\_org\_jetbrains\_kotlin\_\_kotlin\_stdlib\_jdk7\_authorWebsite": "https://www.jetbrains.com" "library\_org\_jetbrains\_kotlin\_kotlin\_stdlib\_jdk8\_author": "Kotlin Team" "library\_org\_jetbrains\_kotlin\_\_kotlin\_stdlib\_jdk8\_authorWebsite": "https://www.jetbrains.com" "library\_org\_threeten\_\_threetenbp\_author": "Stephen Colebourne" "library\_org\_threeten\_\_threetenbp\_authorWebsite": "https://www.threeten.org" "private analytics footer": "These analytics, such as the number of notifications in your region, help health authorities understand how COVID-19 spreads. They can't b e read by Google and are aggregated for your health authority so they can't be linked to your phone. %1\$s" "private analytics footer learn more": "Learn more" "private\_analytics\_footer\_onboarding": "These analytics can't be read by Google and are aggregated for your health authority so they can't be linked to your phone. %1 \$s" "private\_analytics\_link": "https://support.google.com/android?p=en\_analytics" "private\_analytics\_subtitle": "Share Exposure Notifications analytics with your health authority"

#### **POSSIBLE SECRETS**

"private\_analytics\_title": "Help your health authority understand the spread of COVID-19"

"settings private analytics subtitle": "Exposure Notifications analytics sharing"



### > PLAYSTORE INFORMATION

Title: NM Notify

Score: 3.48 Installs: 100,000+ Price: 0 Android Version Support: 5.0 and up Category: Medical Play Store URL: gov.nm.covid19.exposurenotifications

Developer Details: NM DOH, NM+DOH, None, None, nmnotify@nm.gov,

Release Date: Mar 19, 2021 Privacy Policy: Privacy link

#### Description:

NM Notify is the official Notification App of New Mexico and the New Mexico Department of Health. It uses Bluetooth technology to alert you when you have been in contact or close proximity to someone that has tested positive for COVID-19. The app uses the Bluetooth technology on your phone to exchange anonymous codes with anyone in your proximity with the same app. If one of those people should become infected within 14 days of your contact, you will be alerted. You'll be told that you have been in contact with someone that has tested positive for COVID-19. Then it will advise you on what steps to take to keep you and others around you safe. Likewise, if you test positive for COVID-19 you can upload your "positive" code and anyone that you have been in contact with will receive an alert. It's completely anonymous, you won't know and others won't know who exposed who.

#### **App Security Score Calculation**

Every app is given an ideal score of 100 to begin with.

For every findings with severity high we reduce 15 from the score.

For every findings with severity warning we reduce 10 from the score.

For every findings with severity good we add 5 to the score.

If the calculated score is greater than 100, then the app security score is considered as 100.

And if the calculated score is less than 0, then the app security score is considered as 10.

#### **Risk Calculation**

APP SECURITY SCORE	RISK
0 - 15	CRITICAL
16 - 40	HIGH
41 - 70	MEDIUM
71 - 100	LOW

#### Report Generated by - MobSF v3.4.5 Beta

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

© 2022 Mobile Security Framework - MobSF | Ajin Abraham | OpenSecurity.