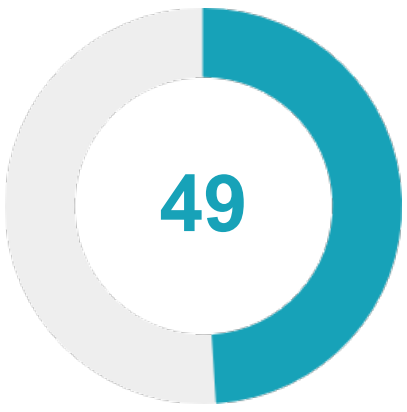
## Security Score



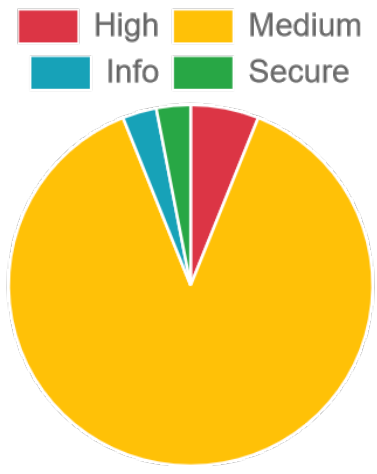

Security Score 49/100

## Risk Rating

Grade

A **B** C F

## Severity Distribution (%)




## Privacy Risk

7

User/Device Trackers

## Findings

High **2**

Medium **28**

Info **1**

Secure **1**

Hotspot **1**

high App can be installed on a vulnerable upatched Android version — MANIFEST

high Application contains Privacy Trackers — TRACKERS

medium Certificate algorithm might be vulnerable to hash collision — CERTIFICATE

medium Broadcast Receiver (com.screentime.metrics.AttributionReceiver) is not Protected. — MANIFEST

medium Broadcast Receiver (com.screentime.BootupBroadcastReceiver) is not Protected. — MANIFEST

medium Broadcast Receiver (com.screentime.ShutdownBroadcastReceiver) is not Protected. — MANIFEST

medium Broadcast Receiver (com.screentime.settings.ScreenTimeDeviceAdminReceiver) is Protected by a permission, but the protection level of the permission should be checked. — MANIFEST

medium Broadcast Receiver (com.screentime.domain.time.SystemTimeImpl$TimeChangeReceiver) is not Protected. — MANIFEST

medium Broadcast Receiver (com.screentime.android.AndroidSystemStandard$PackageAddedReceiver) is not Protected. — MANIFEST

medium Broadcast Receiver (com.screentime.settings.AppLimitsPreferenceFragment$PackageAddedReceiver) is not Protected. — MANIFEST

medium Broadcast Receiver (com.screentime.settings.BlockedAppsPreferenceFragment$PackageAddedReceiver) is not Protected. — MANIFEST

medium Broadcast Receiver (com.screentime.settings.BedtimeCurfewPreferenceFragment$PackageAddedReceiver) is not Protected. — MANIFEST

medium Broadcast Receiver (com.screentime.settings.SchoolCurfewPreferenceFragment$PackageAddedReceiver) is not Protected. — MANIFEST

— MANIFEST

| | | |
|---|---|---|
| medium | Broadcast Receiver (com.screentime.services.sync.DeviceSyncService$PackageAddedReceiver) is not Protected. | |
| medium | Broadcast Receiver (com.screentime.services.sync.AppSyncService$PackageAddedReceiver) is not Protected. | MANIFEST |
| medium | Broadcast Receiver (com.screentime.android.AndroidSystemDeviceOwner$PackageAddedReceiver) is not Protected. | MANIFEST |
| medium | Broadcast Receiver (com.screentime.multiwindow.SamsungMultiWindowStatusReceiver) is not Protected. | MANIFEST |
| medium | Service (com.screentime.services.accessibility.ScreenTimeAccessibilityService) is Protected by a permission, but the protection level of the permission should be checked. | MANIFEST |
| medium | Broadcast Receiver (com.screentime.settings.ScheduleListFragment$PackageAddedReceiver) is not Protected. | MANIFEST |
| medium | Broadcast Receiver (com.screentime.android.monitor.photo.MediaStatusBroadcastReceiver) is not Protected. | MANIFEST |
| medium | Activity (com.facebook.CustomTabActivity) is not Protected. | MANIFEST |
| medium | Broadcast Receiver (com.google.firebase.iid.FirebaseInstanceIdReceiver) is Protected by a permission, but the protection level of the permission should be checked. | MANIFEST |
| medium | High Intent Priority (999) | MANIFEST |
| medium | App creates temp file. Sensitive information should never be written into a temp file. | CODE |
| medium | App uses SQLite Database and execute raw SQL query. Untrusted user input in raw SQL queries can cause SQL Injection. Also sensitive information should be encrypted and written to the database. | CODE |
| medium | The App uses an insecure Random Number Generator. | CODE |
| medium | Files may contain hardcoded sensitive information like usernames, passwords, keys etc. | CODE |
| medium | App can read/write to External Storage. Any App can read data written to External Storage. | CODE |
| medium | SHA-1 is a weak hash known to have hash collisions. | CODE |
| medium | This app may contain hardcoded secrets | SECRETS |
| info | The App logs information. Sensitive information should never be logged. | CODE |
| secure | This App may have root detection capabilities. | CODE |
| hotspot | Found 11 critical permission(s) | PERMISSIONS |

MobSF Application Security Scorecard generated for ( Screen Time 5.3.53)

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