Legacy - Android SDK Release Notes

If you are upgrading from a previous version of the Alchemer Mobile Android SDK, make sure you read our Migration Guide for each version between the version you are currently using, and the version you are upgrading to.

v5.8.4

Released on 9/26/2022

Update

- Support Message Center Push Notifications in Android 13

v5.8.3

Overview

- Helps customers get ready for Google Play data privacy requirements
- Added troubleshooting mode for Android 12+ with an Alchemer Mobi certificate

Fixes

- Solves an issue on React Native plugins that was stopping network calls on first launch
- Supports long texts for alert dialog buttons
- Minor user experience and bug updates

Video Overview of How to Migrate to 5.8.3

Your browser does not support HTML5 video.

Having trouble updating to 5.8.3?

If you are having trouble updating, one of the solutions below should help:

- Updating your `targetSdkVersion` and `compileSdkVersion` to 31
- If you can't update your SDK versions yet...
  - Add a lower version for the following artifacts to your dependencies block while excluding Alchemer Mobile's core and appcompat dependencies:

```
dependencies {
    implementation 'androidx.core:core-ktx:1.6.0'
    implementation 'androidx.appcompat:appcompat:1.3.1'

    implementation ('com.apptentive:apptentive-android:5.8.3') {
        exclude group: 'androidx.core', module: 'core-ktx'
        exclude group: 'androidx.appcompat', module: 'appcompat'
    }
}
```

- Force lower version for the following artifacts:

```
configurations.all {
  resolutionStrategy {
    force 'androidx.core:core-ktx:1.6.0'
    force  'androidx.appcompat:appcompat:1.3.1'
  }
}
```

- Additional help from the link here.
- Additional info and help from Google on updating to API level 31 here.

If you are still having issues, please reach out to your CSM, and our support team will help get you up-and-running.

v5.8.0

Improvements
- Add safeguard parameter for interaction frequency of Rating Dialog.
- Update License & README files.

Fixes
- Fix a couple possible ANR issues.

v5.7.1

Fixes
- Fix a couple of issues related to Android 12.
- Fix Navigate to Link interaction for API 30+.

v5.7.0

Improvements
- Add the ability to randomly target a percentage of customers.

v5.6.4

Fixes
- Prevent Clipboard Notifications for Release builds in Android 12.

Improvements
- Replaced JCenter with Maven Central.

v5.6.3

Fixes
- Fixed a race condition where information about the SDK and app was failing to be recorded.

v5.6.2

Fixes
- Fixed crashes on interactions caused by ProGuard or R8.

v5.6.1

Improvements
- Accessibility improvements for Surveys: better Talkback announcement for which questions are "Required", and high-and-low label values for range questions; improved touch slide and tab gestures for scroll navigation.

v5.6.0

Improvements
- Google Play In-App Review support.

v5.5.4

Improvements
- Android 11 support.

v5.5.3

Improvements
- Improved Accessibility in Surveys for TalkBack users.

v5.5.2

Fixes
- Fixed potential NPE when presenting a survey without terms and conditions.

v5.5.0

- Added support for AndroidX.
- IMPORTANT: If you are using *Jetpack* and *AndroidX version 1.1 or higher* in your app, you must upgrade to SDK version 5.5.0 or higher immediately or risk crashing your app when triggering Alchemer Mobile interactions. Questions? We're here to help.

v5.4.7

- Fixed crash while configuration changes.
- IMPORTANT: If you're using *Support Libraries* in your app (and not Jetpack or AndroidX 1.1+), use this version of the SDK. Questions? Contact Support.

v5.4.6

- Fixed Fragment crash while using `androidx.navigation:navigation-fragment-ktx` dependency.

v5.4.5

- Fixed Fragment crash while using `androidx.appcompat:appcompat:1.1.+` dependency.

v5.4.4

- Fixed R8 obfuscator crash.

v5.4.3

- Made Android ID collection optional on pre-Oreo targets.
- Fixed "Who" card in the Message Center.

v5.4.2

- Fixed loading conversation data when the build if obfuscated with R8.

v5.4.1

- Provided an API for custom device storage encryption/decryption.
- Improved default encryption handling.

v5.4.0

- Made encrypted storage configurable on the client.
- Updated SDK dependencies to Android-P

v5.3.3

- Fixed rare Message Center crash due to concurrency issues.
- Improved encryption stability.
- Allow users to make sequential `login` calls for the same username.

v5.3.2

- Fixed encrypted message store for logged-in users.
- Fixed the bug which prevented users from logging-in back after a logout.

v5.3.1

- Fixed SDK state restoration logic.
- Fixed 422 http errors.
- Fixed corrupted payloads if encryption key could not be resolved from the KeyStore.

v5.3.0

- Improved SDK security with encryption and KeyStore.

v5.2.0

- Added `OnPreInteractionListener` to intercept interactions flow.

v5.1.5

- Added support for Apptimize experiments.

v5.1.4

- Fixed implicit WRITE_EXTERNAL_STORAGE permission for Android O.
- Fixed 'attr/textColorError' not found error for Android P.
- Added support for mParticle user id.

v5.1.3

- Improved lifecycle management.

v5.1.2

- Properly handle different app support library versions.

v5.1.1

- Don't export ApptentiveAttachmentFileProvider.

v5.1.0

- Added support for notification-based interactions.
- Better logging for interaction criteria evaluation.
- Better troubleshooting support.

v5.0.5

- Fix message polling issue.
- Fix UI-related crashes for logged-out conversation.
- Fix sending device diffs.
- Overall stability improvements.

v5.0.4

- Fix a rare NullPointerException that occurs when Alchemer Mobile SDK activities are started without proper SDK initialization.

v5.0.3

- Accessibility improvements for TalkBack

v5.0.2

- Fix a Null PointerException that occurs when the Alchemer Mobile SDK is included in an Instant App, and the host app's Activity is not available when exiting the Alchemer Mobile UI.

v5.0.1

- Fixed callback passing issue.

v5.0.0

- All long-running Alchemer Mobile API calls are now called asynchronously. See Migration Guide for migration instructions.
- Fixed a bug where network operations might start when the app is started, but in the background.
- Fixed an issue where the SDK might attempt to fetch messages when it shouldn't.

v4.1.4

- Fix a NullPointerException that occurs when the Alchemer Mobile SDK is included in an Instant App, and the host app's Activity is not available when exiting the Alchemer Mobile UI.
- Fixed a potential crash when used in Instant Apps that don't contain a launcher Activity.
- Don't send payloads when the app is in the background.
- Don't poll for messages when the app is in the background.

v4.1.3

- Fix a `NullPointerException` crash while announcing accessibility events.

v4.1.2

- Fix a crash that was caused by a method being removed in the Android Support Library.

v4.1.1

- Fix a bug where the SDK can't be installed in multiple apps due to a hard-coded Provider authority string.

v4.1.0

- Improved accessibility of Surveys and Message center for the visually impaired
- Made use of vector drawables to cut down on AAR and APK size
- Added the ability to enable troubleshooting mode in the SDK, and easily email logs to Alchemer Mobile support
- Fix global configuration fetching
- Fix Love Dialog to stack buttons if their labels are too long

v4.0.3

- Fixed a potential crash when used in Instant Apps that don't contain a launcher Activity
- Don't send payloads when the app is in the background
- Don't poll for messages when the app is in the background
- Fixed global Configuration polling

v4.0.2

- Fixed Message Center UI bugs.

v4.0.1

- Improved proguard configuration to allow certain Alchemer Mobile classes to be shrunk. This removes about 1200 methods.
- Fixed a bug that prevented interactions from being downloaded when the app is in release mode.

v4.0.0

- Added the ability to log customers in to different private conversations. Customers who are logged in will be able to see a private conversation that is distinct from the conversations of other customers using the same app on the same device. When they log out, their data is protected with strong encryption. Logging back in unlocks their data again, and Alchemer Mobile resumes providing services to the customer.

v3.4.1

- Added an internal method `Apptentive.dismissAllInteractions()` for closing Alchemer Mobile UI.

v3.4.0

- Rebuilt Message Center to use modern `RecyclerView` for better performance and stability.
- Improved accessibility of our UI, including TalkBack support and fixing hit target sizes.
- Improved version targeting
- Fixed a bug where the Profile Card in Message Center wouldn't let a user focus the email

field.
- Fixed a bug where the Survey "thank you" message text was the wrong color.

v3.3.0

- Added much simpler APIs for handling Alchemer Mobile push notifications. (Migration required if were already using push)
- Send debug status to the server to target only debug or non-debug builds with interactions

v3.2.2

- Fixed a bug where apps with names or versions ending in an underscore weren't tracked properly
- Fixed a bug that sometimes prevented the Message Center composing area from gaining focus, even when tapped
- Removed unneeded multidex config

v3.2.1

- Message Center compose bug fixed
- Prevent NPE when animation runs after object is null
- Add proguard rule to prevent obfuscating `android.support.v4.app.FragmentManagerImpl` , which we load via reflection in a workaround for a bug in the support library.

v3.2.0

- Added an NPS question type to surveys
- Fixed Message Center exceptions on composing bar and requesting focus on a null `EditText`

v3.1.1

- Defer message polling task until Message Center is opened, `UnreadMessagesListener` is registered, or a Push is received
- Add ability to set application theme programmatically
- `statusBarColor` attribute was causing run-time exception on pre-API 21 devices

v3.1.0

- Multiple choice survey questions can now include an answer type of "Other", which allows users to enter their own answer.

v3.0.1

- Thumbnail in Recents Screen was not using host app's theme when the top `Activity` was an Apptentive `Activity`

- Improve foreground / background detection
- Fix borderless button styling before API level 23
- Fix our UI to work better when the host app uses a translucent status bar
- Fix window panning issue that can result in the keyboard covering part of a survey

v3.0.0

- Surveys redesigned with Material Design
- The Apptentive SDK now inherits the app's theme, and enables easy customization. Our UI now looks like your app!
- You can now launch Apptentive Interactions without passing in an `Activity`
- Easier Android SDK integration using a single line
- Reduced SDK memory footprint
- More accurate application lifecycle detection

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