

## Kochava AIR SDK Release Notes/Version Summary

Below you will find a list of changes made between versions of the Kochava SDK. Kochava will provide email communication of SDK releases which are urgent in nature and/or include new, meaningful functionality. For all other updates, the below change-log will notify customers of updates.

### **SDK Version - KochavaANE\_20161207 / iOS native SDK 20160921 / Android native SDK 20161122**

- Built with AIR Compiler v23.
- Android - Reduced usage of SQLite cursor allocation, lowering likelihood of low memory condition errors.
- Android - Guarded against possible malicious intent on referral capture of Google Referrer Data.

### **SDK Version - KochavaANE\_20161005 / iOS native SDK 20160921 / Android native SDK 20160914**

- Add network connection type, display brightness and device orientation to collected data on initialization.
- Android - Added concurrency-safe logging for when in development.

### **SDK Version - KochavaANE\_1.1.0.20160601 / iOS native SDK 20160601 / Android native SDK 20160427**

- iOS - Install receipt sent automatically to Kochava servers.
- iOS - Method added to send in-app purchase purchase receipt with as post-install event.
- iOS - Attribution retrieval restarted if app was terminated before retrieved (if requested).
- iOS - All network communication uses NSURLSession (IPv6 compliance) - "SystemConfiguration.framework" is no longer required.
- iOS - Objective C automatic reference counting enabled.
- iOS - Removed collection of legacy device identifiers (MAC, ODIN, OpenUDID) on pre iOS 7.
- Android - Reduction in time required for initialization.
- Android - Added respect for affinity\_group, carrier name and screen size blacklisting.

**SDK Version - KochavaANE\_1.1.0.20160226 / iOS native SDK 20160209 / Android native SDK 20160222**

- Collect user-agent only on install and when OS version changes.
- Android - ADID collection moved from AsyncTask to background thread.
- Android - Resolved session tracking race condition when app went into background.
- Android - Added database cursor close.

**SDK Version - KochavaANE\_1.1.0.20151124 / iOS native SDK 20151117 / Android native SDK 20151109**

- iOS - Removed legacy code resulting in a smaller footprint. CoreGraphics.framework no longer required.
- Android - Removed Apache client from network communication and replaced with java.net network API.
- Android - Resolved fringe case JSON value passed where truncation could occur if value contained an equals sign.
- Android - IMEI, MAC and ODIN no longer collected.
- Android - Any currency type may now be passed.

**SDK Version - KochavaANE\_1.1.0.20150923 / iOS native SDK 20150923 / Android native SDK 20150511**

- Added getKochavaDeviceId getter method to retrieve the Kochava Device Id.
- iOS - Built for iOS 9, using Xcode 7 - supports iOS 6.0 and later.
- iOS - Support for iAd attribution payload with iOS 9.
- iOS - Support for Bitcode.
- iOS - Post-install and session events batched.
- iOS - iBeacon detection abilities removed - iBeacon support available upon request.
- iOS - Bug fixed when retrieving iAd attribution on pre iOS 8.0 devices.
- Android - Logic on which to create ODIN changed to base off Android Id (was MAC address).
- Android - Hostname verifier change to "strict" mode.

**SDK Version - KochavaANE\_1.1.0.151 / iOS native SDK 20150116 / Android native SDK 20150312**

- iOS - Added release of application lifecycle observers when SDK is deallocated.
- Android - Removed data passed with initializer from debug log.
- Android - Built with Android Studio/Gradle.

**SDK Version - KochavaANE\_1.1.0.137 / iOS native SDK 20141031 / Android native SDK 20141023**

- 64bit for iOS.

**SDK Version - KochavaANE\_1.1.0.125 / iOS native SDK 20141031 / Android native SDK 20141023**

- Retrieval of attribution data for install.
- sendDeepLink command added to send deep link URI. iOS includes calling application.
- iAd Impression Date and App Purchase Date retrieved in iOS 8, if Apple claims iAd Attribution. (iOS only)
- iBeacon monitoring added, including delegate to host application of iBeacon boundary crossings. (iOS only)

**SDK Version - KochavaANE\_1.1.0.114 / iOS native SDK 20140714 / Android native SDK 20140825**

- Updated Kochava Device Id generation methodology.

**SDK Version - KochavaANE\_1.1.0.110 / Native SDKs 20140714**

- Event processing enhancements by respecting disabling of events in the Event Management UI. There is nothing the developer needs to do programmatically for this enhancement.

**SDK Version - KochavaANE\_1.1.0.103 / (1.1.0)**

- Adobe AIR 4.0 or higher is now required.
- Removed purging of unsent post-install events after 12 hours. They will be kept until sent.
- Added ability to enable debug logging on library initialization.
- Ability to send identity link data on library initialization.
- Added ability to limit ad tracking at the application level on library initialization.
- Added ability to toggle limit ad tracking.
- Google Play Services SDK is included in the library. Note that Kochava will check periodically with Google and update the Google Play Services library as needed in our AIR SDK. We suggest you check periodically on our support site for an updated version of our SDK prior to deployment of new or updated versions of your app.
- Fire-and-forget implementation removed.

**FULL DOCUMENTATION:**

<https://support.kochava.com/sdk-integration/adobe-air-sdk-integration>