

AppsFlyer X Instant Plays (Samsung Cloud) Integration Guide

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Introduction

This SDK is an alpha version that adds the support of collecting Advertising ID (AKA GAID) using Samsung's Cloud Dev SDK and based on AppsFlyer's latest [Production SDK](#). This alpha version passed the same QA cycle as our production SDK and tested in a cloud sample app.

Integrating the CloudDev SDK

Import the provided Android library cloudevsdk.aar file to your Android project. Please refer to this [link](#) for more information.

Installing the AppsFlyer Android SDK

Install the AppsFlyer Android SDK using your preferred method: Via [Gradle](#), or [manually](#).

[Install using Gradle](#)

Step 1: Declare repositories

In the Project `build.gradle` **or** `settings.gradle` file, declare the `mavenCentral` repository:

```
// build.gradle file
allprojects {
    repositories {
        mavenCentral()
    }
}

// settings.gradle file
dependencyResolutionManagement {
    repositoriesMode.set(RepositoriesMode.FAIL_ON_PROJECT_REPOS)
    repositories {
        mavenCentral()
    }
}
```

Step 2: Add dependencies

In the application `build.gradle` file, add the [latest Android SDK](#) package:

```
dependencies {
    // Get the latest version from https://mvnrepository.com/artifact/com.appsflyer
    implementation 'com.appsflyer:af-android-sdk-alpha:6.11.1-rc1-sm'
}
```

[Manual](#)

Download the [latest Android SDK](#) aar file and refer to this [link](#) to add the aar to your project.

Integrate SDK

Please use the regular [Integrate SDK](#) guide.

Enable Instant Plays support

Please add the following meta data to your App's `AndroidManifest.xml`:

```
<meta-data
  android:name="com.appsflyer.enable_instant_plays"
  android:value="{enableInstantPlays}" />
```

```
<meta-data
  android:name="com.appsflyer.fetch_ids.timeout"
  android:value="{fetchIdTimeout}" />
```

Metadata Description

Key	value type	Description	Default Value
com.appsflyer.enable_instant_plays	Boolean	Indicate if the AppsFlyer SDK should use Cloud Dev SDK to collect GAID for attribution. The AppsFlyer SDK will use Cloud Dev SDK only when the app developer sets the value to true.	false
com.appsflyer.fetch_ids.timeout	Long	Maximum waiting time for GAID in milliseconds before sending a request to AppsFlyer servers. When exceeding the timeout, the request will be sent without GAID. Make sure to set this timeout long enough to get a response from CloudDevSdk . The recommended value to set is 5000	1000

Example

```
<meta-data
  android:name="com.appsflyer.enable_instant_plays"
  android:value="true" />
```

```
<meta-data
  android:name="com.appsflyer.fetch_ids.timeout"
  android:value="5000" />
```

ProGuard Rules

If you are using ProGuard please add the following rules to your `proguard-rules.pro` file:

```
-keep class com.appsflyer.** { *; }
-keep class com.samsung.android.game.cloudgame.dev.sdk.** { *;}
```