Android – CAS

CAS · https://tenjin.com/docs/android-cas/

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The Tenjin SDK can listen to CAS impression level revenue data and send revenue events to Tenjin. This integration will send revenue related for each ad impression served from CAS. Here are the steps to integrate:

1. Add the latest version of CAS SDK to your app-level build.gradle file: https://github.com/cleveradssolutions/CAS-Android/wiki

   Please ensure you have the latest CAS Android SDK installed.
2. Also add the Ad Networks, which you will support (e.g. com.cleveradssolutions:google:22.2.0.2, etc.)
3. Integrate CAS SDK in your app. Below is an example of CAS integration.

Java

```
public class CASActivity extends Activity {
    private TenjinSDK tenjinInstance;

    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_cas);

        // Initialize Tenjin
        tenjinInstance = TenjinSDK.getInstance(this, "<Tenjin API Key>");

        // Validate Integration
        CAS.validateIntegration(this);

        // Set Ads Settings
        CAS.settings.setDebugMode(true);
        CAS.settings.setTaggedAudience(Audience.NOT_CHILDREN);

        // Initialize SDK
        MediationManager adManager = CAS.buildManager()
                .withManagerId("demo")
                .withAdTypes(AdType.Banner, AdType.Interstitial)
                .withTestAdMode(true)
                .initialize(this);
        adManager.setEnabled(AdType.Interstitial, true);
        showInterstitial(adManager);
    }

    private void showInterstitial(MediationManager manager) {
        // Create Ad content callback
        AdCallback contentCallback = new AdPaidCallback() {
            @Override
            public void onAdRevenuePaid(@NonNull AdStatusHandler adStatusHandler) {
                tenjinInstance.eventAdImpressionCAS(adStatusHandler);
            }
            // Other AdPaidCallback methods
        };
        manager.showInterstitial(this, contentCallback);
    }
}
```

Here is an example impression level revenue data entry from CAS:

Parameter	Required?	Example
network_name	No	Network
ad_unit_id	No	id-69082
creative_id	No	id-41203
revenue	Yes	2
revenue_precision	No	floor
format	No	interstitial