

AdLantis Android SDK - Ad Network Mediation

AdLantis Android SDK 1.5.10 and later versions support an Ad Network Mediation function, which maximizes the ad fill rate by allowing the ads of AdLantis and other Ad Networks to be displayed within an application.

Please follow the steps below to apply the Ad Network Mediation within an application.

1) Create a zone in the management screen of AdLantis for Smartphone.

Create a zone in the management screen of [AdLantis for Smartphone](#) and get the ad code of the zone assigned for the application.

2) Implement AdLantis Android SDK in the application.

Please refer to [README_en](#) for details on how to do it.

3) Add the SDK for each Ad Network.

Prepare the SDK for each Ad Network to be used and copy any jar files into the `libs` directory of the project. You may add it to build path if necessary. Android SDK 1.5.10 supports the SDKs for the following networks:

1. AdMob Version: Google Play Services (rev. 15)
2. AmoAd Version: 3.0.2
3. i-mobile Version: 1.5.0
4. Mediba Ad Version: 2.0.5
5. Nend Version: 2.1.0

4) Get the parameters required for each network.

Get the Publisher ID or other parameters for each network in their respective network management screens, etc.

5) Configure AndroidManifest.xml

The parameters for each network may need to be entered in AndroidManifest.xml. Described below as an example is a part of the parameters when applied on all networks. The required permissions are as follows:

```
<uses-permission android:name="android.permission.INTERNET" />
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />
```

Some networks, including MedibaAd, require the following permission.

```
<uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE" />
```

To call the activities of each network, the following descriptions are required in the tag.

```
<!-- AdMob -->
<activity android:name="com.google.ads.AdActivity"
android:configChanges=
"keyboard|keyboardHidden|orientation|screenLayout|uiMode|screenSize|smallestScreenSize" />
<!-- MedibaAd -->
<activity android:name="mediba.ad.sdk.android.openx.MasAdClickWebView" />
```

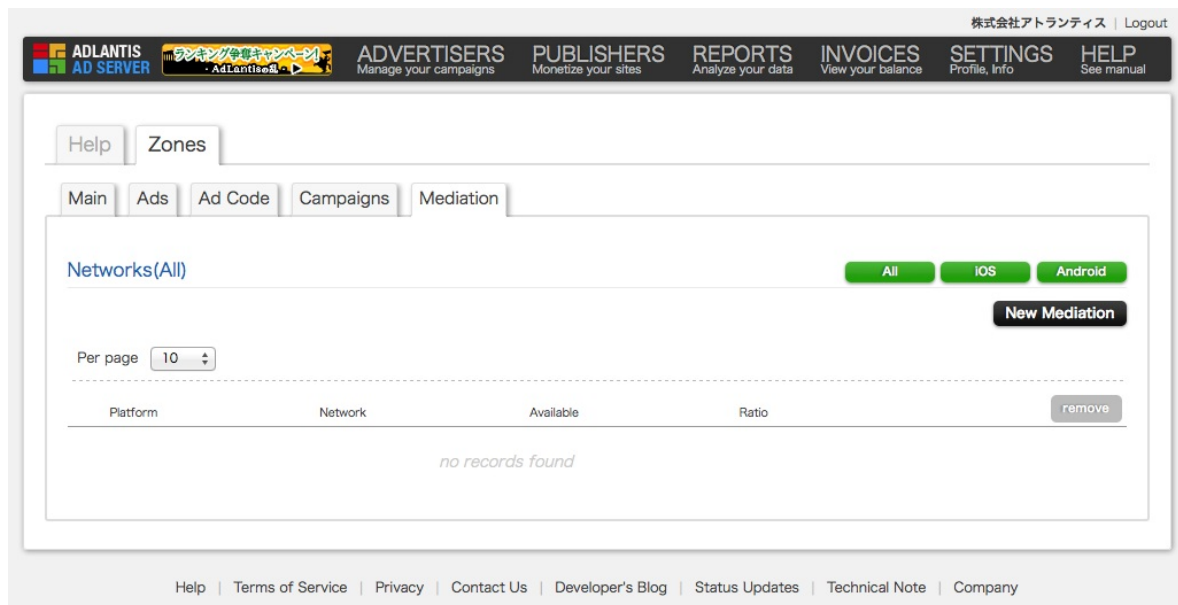
```

<activity android:name="mediba.ad.sdk.android.openx.MasVideoview" />
<!-- i-mobile -->
<meta-data android:name="i-mobile_Publisher_ID" android:value="xxxx" />
<!-- Enter the actual value in xxxx above. -->

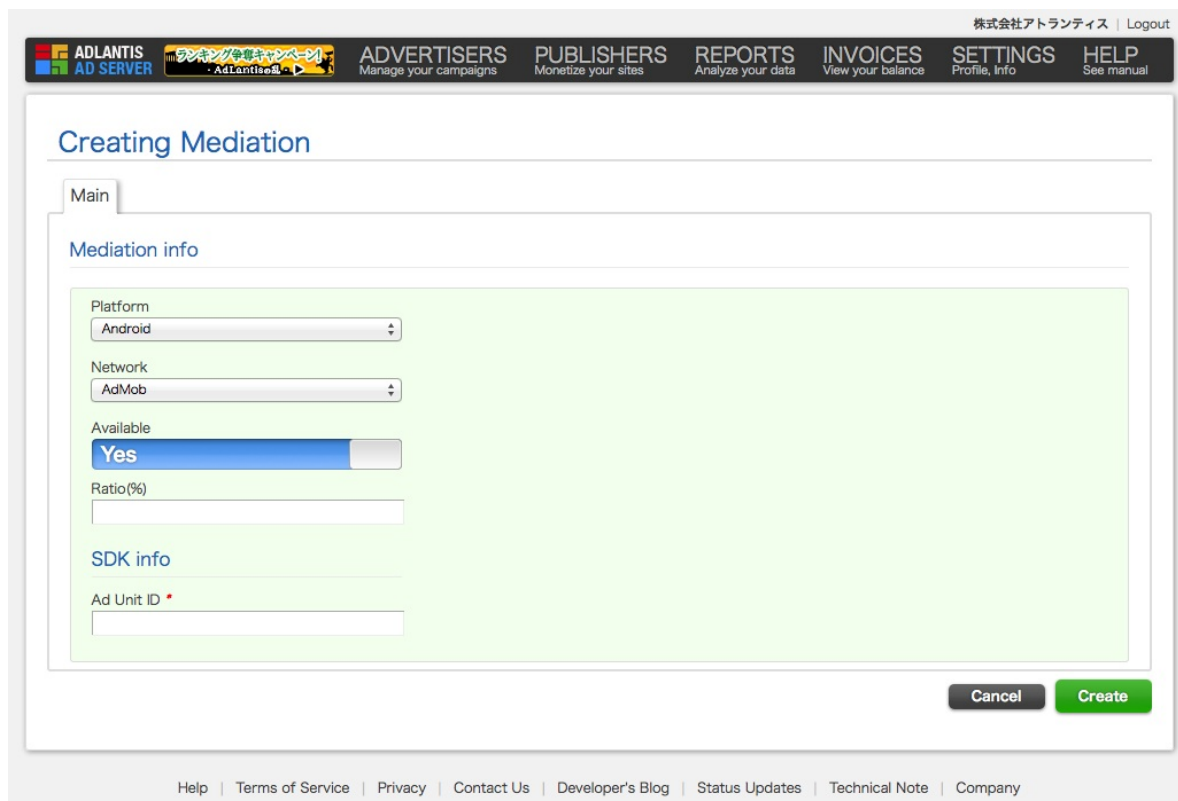
```

6) Configure the switcher in the management screen of AdLantis for Smartphone.

In the "Zones" screen, click the "Details" button of the zone to work on, and then click the "Mediation" tab.



Next, click "New Mediation".



Here, you will create a new network in the "Mediation info" screen. Select "Android" from the "Platform" options and designate the desired ad network from "Network". And enter the parameter required for the network acquired in "SDK info".

You can create a network by pressing the "Create" button. Repeat the same steps to create all necessary networks.

Please set the "Ratio" if required. If the "Ratio" is not specified, an equal ratio will be applied. To stop availability of the network, set the "Available" option to "No".

Due to AdLantis server related reasons, it may take over 10 minutes until these settings are applied.

7) Notes

- The version of the AdMob library supported is the version in Google Play services.
- The ads of MedibaAd are not available in landscape orientation. In this case, some other network's ads will be displayed.
- You must use "AndroidManifest.xml" when configuring "Publisher_ID" for i-mobile.
- Please comply with the policy and guidelines defined by each network regarding the settings or service content of the network. In addition, we assume no responsibility or liability whatsoever for any loss or damages resulting from the use of these above.