

# Managing Non-Titanium Client Applications in Dashboard

- Register an Application for Services
  - Register an APS SDK application
  - Register an API or Microservice application
  - Register a Website or Web application
  - Register a Custom application
- Enable Platform Services

To use Appcelerator Platform Services in your Android and iOS applications, you need to first register an application in Appcelerator Dashboard. Registering the application defines the name, platform, and other metadata about the application. Once you've registered the application in Dashboard, you can download the libraries and frameworks to integrate Appcelerator Platform Services into your application. Appcelerator Dashboard also generates a new Mobile Backend Services datasource and the application keys required to enable the services in your app.

## Register an Application for Services

### Register an APS SDK application

Appcelerator Platform Services (APS) SDK for iOS and Android provides support for Appcelerator Analytics and Cloud services for your Android applications built with the native Android APIs and Java and iOS applications built with the native iOS APIs and Objective-C or Swift.

To register an APS SDK application for services:

1. Sign in to the [AMPLIFY Platform](#).
2. Click the Add menu (+) and select **Register App for Services** to open the *Register App for Services* form.
3. Enter the **Name** of the application.
4. Select **APS SDK** from the *Type* selection menu.

The screenshot shows the 'Register App for Services' form in the Appcelerator Dashboard. The form has the following fields and options:

- Name:** A text input field.
- Type:** A dropdown menu with 'APS SDK' selected.
- Platform:** A dropdown menu with '- Select -' selected.
- Identifier:** A text input field containing '6d7fb299-2481-4f52-aa9c-45d693258013'.
- Description:** A large text area.
- Services:** A list of checkboxes:
  - Analytics
  - Provision Cloud Services (Mobile Backend Services)
  - Performance

Below the form is the 'Assign Teams' section, which includes a search bar and a table of teams:

Name	Members	Apps	Select
Team 1 <span>DEFAULT</span>	2	43	×
Test Team	3	5	+

At the bottom right of the dashboard, there is a navigation bar with links for 'Docs', 'Support', 'Status', and 'Terms', and a red speech bubble icon.

5. Select a **Platform (Android or iOS)**.
6. Optionally, enter a unique **Identifier** for your application.

- Optionally, enter a **Description** for your application.
- Select **Services** for your application by selecting or deselecting the check-boxes for the following:
  - Analytics
  - Provision Cloud Services (Mobile Backend Services)
- Add teams to the application from your organization by clicking the add (+) button in the Assign Teams list.
- Click **OK**.

Appcelerator Dashboard displays the **Services** tab for your application. Follow the directions to add Platform Services to your application.

## Register an API or Microservice application

To register an API or microservice application:

- Sign in to the [AMPLIFY Platform](#).
- Click the Add menu (+) and select **Register App for Services** to open the *Register App for Services* form.
- Enter the **Name** of the application.
- Select **API/Microservice** from the *Type* selection menu.

The screenshot shows the 'Register App for Services' form. At the top, there is a navigation bar with a home icon, a logo, and the text 'DASHBOARD'. To the right, there is a user profile icon and a notification bell. The form title is 'Register App for Services' with 'Cancel' and 'Save' buttons. The form fields are:

- Name**: A text input field.
- Type**: A dropdown menu with 'API/Microservice' selected.
- Platform**: A text input field.
- Identifier**: A text input field containing '6d7fb299-2481-4f52-aa9c-45d693258013'.
- Description**: A large text area.
- Services**: A section with two checkboxes: 'Analytics' (checked) and 'Provision Cloud Services (Mobile Backend Services)' (unchecked).
- Assign Teams**: A section with a search bar and a table.

Name	Members	Apps	Select
Team 1 <span>DEFAULT</span>	2	43	×
Test Team	3	5	+

At the bottom right, there is a red circular icon with a white speech bubble. The footer contains links for 'Docs', 'Support', 'Status', and 'Terms'.

- Enter a **Platform** for your application.
- Optionally, enter a unique **Identifier** for your application.
- Optionally, enter a **Description** for your application.
- Select **Services** for your application by selecting or deselecting the check-boxes for the following:
  - Analytics
  - Provision Cloud Services (Mobile Backend Services)
- Add teams to the application from your organization by clicking the add (+) button in the Assign Teams list.
- Click **OK**.

## Register a Website or Web application

To register a Website or Web application:

- Sign in to the [AMPLIFY Platform](#).
- Click the Add menu (+) and select **Register App for Services** to open the *Register App for Services* form.
- Enter the **Name** of the application.

4. Select **Website/Web App** from the *Type* selection menu.

Register App for Services Cancel Save

**\* Name**

**\* Type**

**\* Platform**

**Identifier**

**Description**

**Services**

- Analytics
- Provision Cloud Services (Mobile Backend Services)

**Assign Teams**

Name	Members	Apps	Select
Team 1 <span>DEFAULT</span>	2	43	×
Test Team	3	5	+

Docs Support Status Terms

5. Enter a **Platform** for your application.
6. Optionally, enter a unique **Identifier** for your application.
7. Optionally, enter a **Description** for your application.
8. Select **Services** for your application by selecting or deselecting the check-boxes for the following:
  - Analytics
  - Provision Cloud Services (Mobile Backend Services)
9. Add teams to the application from your organization by clicking the add (+) button in the Assign Teams list.
10. Click **OK**.

## Register a Custom application

To register a custom application (other than APS SDK, API/Microservice, or Website/Web applications):

1. Sign in to the [AMPLIFY Platform](#).
2. Click the Add menu (+) and select **Register App for Services** to open the *Register App for Services* form.
3. Enter the **Name** of the application.
4. Select **Other** from the *Type* selection menu.

Register App for Services Cancel **Save**

**\* Name**

**\* Type**

**\* Platform**

**Identifier**

**Description**

**Services**

- Analytics
- Provision Cloud Services (Mobile Backend Services)

**Assign Teams**

Name	Members	Apps	Select
Team 1 <b>DEFAULT</b>	2	43	×
Test Team	3	5	+

Docs Support Status Terms

5. Enter a **Platform** for your application.
6. Optionally, enter a unique **Identifier** for your application.
7. Optionally, enter a **Description** for your application.
8. Select **Services** for your application by selecting or deselecting the check-boxes for the following:
  - Analytics
  - Provision Cloud Services (Mobile Backend Services)
9. Add teams to the application from your organization by clicking the add (+) button in the Assign Teams list.
10. Click **OK**.

## Enable Platform Services

After you have created your client application, Dashboard directs you to the **Services** tab for the application. The **Services** tab displays the current status of the Cloud and Analytics services. When the client application is first created, the Cloud and Analytics services are automatically enabled. Follow the directions in the tab to add Platform Services to your application.

The **Services** tab also provides the functionality for you to generate a new security key. To generate a new security key:

1. Use the **Environment** drop-down list to select the environment for which you want to generate the new key.
2. Click **Generate a New Key**.
3. Verify that you want to generate a new key for the selected environment. Click **Continue** to generate the new key. Click **Cancel** to return to the Services tab without generating a new key.

To integrate the Cloud and Analytics services with your application:

1. Click the **Download** button to download the APS SDK, unpack it, and then add the library to your project.
2. Copy the code snippets to your application as instructed to enable the services. Before copying and pasting the code snippet to enable or initialize services, use the **Environment** drop-down list to select the environment to which to deploy your application.

For more detailed instructions, see the [Quick Start Guide for Android APS SDK](#) and [Quick Start Guide for iOS APS SDK](#) guides.

The screenshot shows the Firebase console interface. On the left is a dark sidebar with navigation options: API\_Builder\_Test, Services, APIs, Crashes, Analytics, and App Preview. The main content area is titled 'API\_Builder\_Test Java'. It features status indicators for 'Cloud' and 'Analytics', both marked as 'Enabled'. An 'Environment' dropdown is set to 'Production', and a 'Generate a New Key' button is visible. Below this is a text box containing a long alphanumeric key. A section titled 'Add Platform Services to your App' provides instructions for installing the Platform Services SDK. It includes three steps: downloading the SDK, copying the jar file to the 'libs' folder, and adding specific permissions to the AndroidManifest.xml file. A code block shows the required XML permissions. At the bottom right, there is a red circular icon with a white speech bubble.

API\_Builder\_Test Java

Cloud ✔ Enabled Environment: Production Generate a New Key

Analytics ✔ Enabled

yFnr3CHgzTejZ0MbI1JO/7CH4u0f83f8b4yxDsFuMV557dYMBshEwTZQo10/6wLpKrzD5IjMkUFGD+47 n

### Add Platform Services to your App

The following are the step-by-step instructions for how to install the Platform Services SDK for this native Android project. Once installed, use the appropriate key below to enable for Development or Production modes. Development is the mode during which you are doing development or during pre-production testing. You should only use the Production key when doing a release build to either the Google Play store (or other Android store) or when you are releasing internally through Enterprise distribution.

**Step 1** — [Download](#) and unzip the SDK 1.1.6

**Step 2** — Copy `appcelerator-sdk-android-1.1.6.jar` to your project's `libs` folder.

**Step 3** — Add required permissions and services to `AndroidManifest.xml`

Add the following to the file's root `<manifest/>` element before the `<application/>` element:

```
<!-- Add these permissions to enable Cloud and Analytics -->
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />
<uses-permission android:name="android.permission.ACCESS_WIFI_STATE" />
<uses-permission android:name="android.permission.INTERNET" />
<uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE" android:maxSdkVersion="18" />
<uses-permission android:name="android.permission.GET_TASKS" />
<uses-permission android:name="android.permission.READ_LOGS" />
```

Docs Support Status Terms

If you need to later return to these Enable Platform Services instructions, do the following:

1. Select the **Projects** tab and select the application. Dashboard displays the **Overview** tab of the application.
2. Select the **Services** tab.