

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
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- Enable Platform Services

To use Appcelerator Platform Services in your Android and iOS applications, you need to first register an application in Appcelerator Dashboard. This 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, Cloud, and Performance 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 into 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 is titled 'Register App for Services' and has a 'Cancel' button and an 'OK' button. The form fields are:

- 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 'ecd1a86e-e283-44d2-a87a-837ee6c98ddb'.
- Description**: A text area.
- Services**: A section with three checkboxes: 'Analytics' (checked), 'Provision Cloud Services (Mobile Backend Services)', and 'Performance'.
- App Team**: A section with a search bar and a table of team members. The table has columns for 'Name', 'Email', and 'Role'. The first row shows 'Owner'.

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

5. Select a **Platform (Android or iOS)**.

- 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 checkboxes for the following:
 - Analytics
 - Provision Cloud Services (Mobile Backend Services)
 - Performance
- Add application team members from your organization by clicking the add (+) button in the App Team 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 into 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 dropdown menu, 'DASHBOARD', and another dropdown menu. The form title is 'Register App for Services' with 'Cancel' and 'OK' 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 'ecd1a86e-e283-44d2-a87a-837ee6c98ddb'.
- Description**: A large text area.
- Services**: A section with checkboxes for 'Analytics' (checked) and 'Provision Cloud Services (Mobile Backend Services)' (unchecked).
- App Team**: A section with a search bar and a table of team members. The table has columns for 'Name', 'Role', and 'Action'. The first row is the 'Owner', and the other two rows have '+' buttons.

At the bottom right, there is a red speech bubble icon. The footer contains 'Docs Support Status 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 checkboxes for the following:
 - Analytics
 - Provision Cloud Services (Mobile Backend Services)
 - Performance
- Add application team members from your organization by clicking the add (+) button in the App Team list.
- Click **OK**.

Register a Website or Web application

To register a Website or Web application:

1. Sign into 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 **Website/Web App** 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 dropdown menu, 'DASHBOARD', and another dropdown. The form title is 'Register App for Services' with 'Cancel' and 'OK' buttons. The form fields are:

- Name**: A text input field.
- Type**: A dropdown menu currently showing 'Website/Web App'.
- Platform**: A text input field.
- Identifier**: A text input field containing the value 'ecd1a86e-e283-44d2-a87a-837ee6c98ddb'.
- Description**: A large text area.
- Services**: A section with two checkboxes: 'Analytics' (checked) and 'Provision Cloud Services (Mobile Backend Services)' (unchecked).
- App Team**: A section with a search bar and a list of team members. Each member row has an 'Add' (+) button.

 The footer contains 'Docs', 'Support', 'Status', 'Terms', and a support icon.

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 checkboxes for the following:
 - Analytics
 - Provision Cloud Services (Mobile Backend Services)
 - Performance
9. Add application team members from your organization by clicking the add (+) button in the App Team 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 into 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 **OK**

*** Name**

*** Type**

*** Platform**

Identifier

Description

Services

- Analytics
- Provision Cloud Services (Mobile Backend Services)

App Team Add member to App Teams by selecting **+**

Member	Role
[Redacted]	Owner
[Redacted]	+
[Redacted]	+

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 checkboxes for the following:
 - Analytics
 - Provision Cloud Services (Mobile Backend Services)
 - Performance
9. Add application team members from your organization by clicking the add (+) button in the App Team 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, Performance, and Analytics services. When the client application is first created, the Cloud, Performance, 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 you want to generate the new key for.
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, Performance, 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 you want to deploy your application to.

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 for a project named "API_Builder_Test". The left sidebar contains navigation options: Services, APIs, Performance, Crashes, Analytics, App Preview, and Team. The main content area displays the status of Platform Services: Cloud (Enabled), Performance (Enabled), and Analytics (Enabled). The Environment is set to "Development", and there is a "Generate a New Key" button. A key ID is visible: "0gtr1EQAt53HboSYgg7C06v73a16K77LT3C/CDhYBRr1SxhbnvKEX6YpTW...". Below this, there are instructions to "Add Platform Services to your App", including a "Download" button for the SDK 1.1.6 and a code snippet for the AndroidManifest.xml file.

API_Builder_Test Java

Cloud Enabled Environment: Development Generate a New Key

Performance Enabled

Analytics Enabled

0gtr1EQAt53HboSYgg7C06v73a16K77LT3C/CDhYBRr1SxhbnvKEX6YpTW...

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, Analytics, and Performance -->
<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.