



AT&T Toolkit for Salesforce Platform

Configuration Guide for Salesforce Administrators

AT&T Developer Program
January 3, 2013

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Access AT&T API

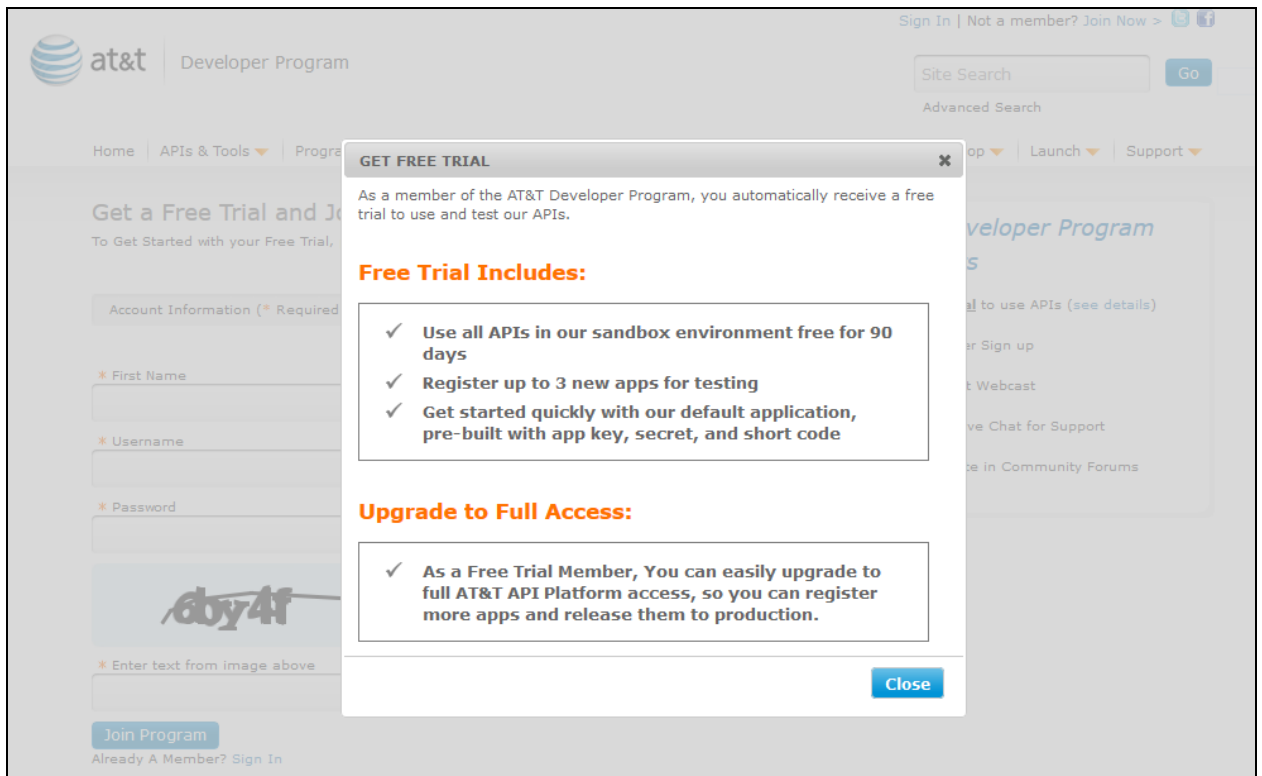
To use AT&T API in your Salesforce applications, you need to get the following:

- API Key
- Secret Key

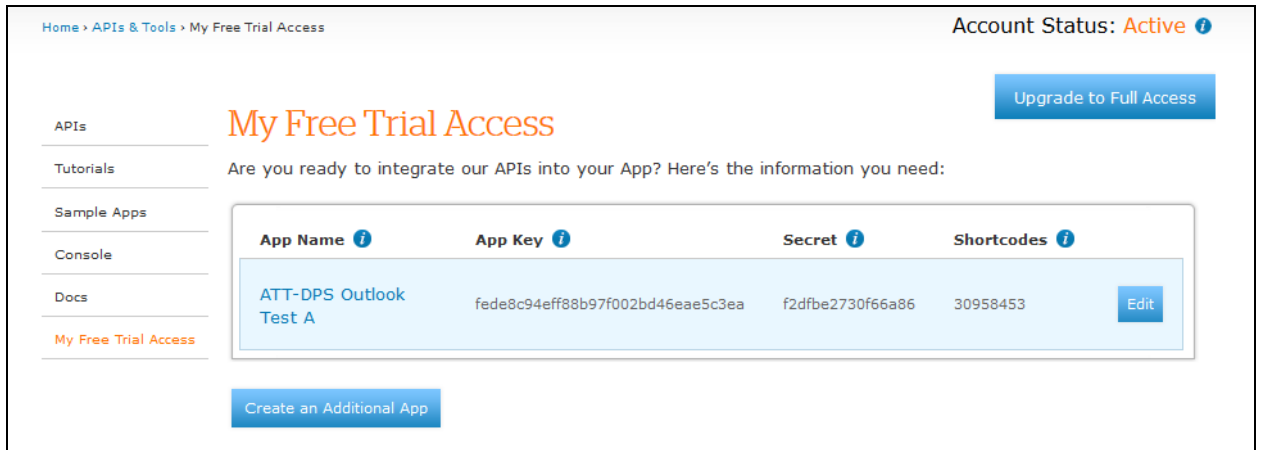
Getting an API Key

To get an API key, perform the following steps.

1. Go to <https://developer.att.com>.
2. Click **Join Now** in top-right corner. Review the details of the dialog as shown in the following screen and click **Close**.



3. The **Get a Free Trial and Join** screen is then shown.
4. Enter your details and click **Join Program**. After successful registration, following screen appears.



The developer program software then creates a test application for you. This application has the following attributes.

- The SMS API and the Speech API are enabled.
- The SMS API includes a short code from which your application can send or receive SMS or MMS messages. Don't forget you must enable the MMS API for your test application before you can send or receive MMS messages through your application.
- A pair of keys, the App Key and Secret Key. Use these two keys to get the credentials used to access AT&T API. See [Configuring the AT&T Toolkit](#) for information on how to use these credentials in AT&T Toolkit for the Salesforce Platform.



Note: Your trial access is valid up to 90 days and you can create up to three applications in the Sandbox environment during this trial period.

Setting up an Application in the Sandbox

You can set up your own application in the Sandbox environment and select a combination of APIs that you want to use by performing the following steps.

1. Click **Create an Additional App**, as shown in the following **My Free Trial Access** screen.

App Name	App Key	Secret	Shortcodes	
ATT-DPS Outlook Test A	fede8c94eff88b97f002bd46eae5c3ea	f2dfbe2730f66a86	30958453	Edit
My App	4fd14dd1ad811906215367f39e233186	346d5410328aa63a	44627374	Edit

2. Enter **Application Name** and **Description** as shown in the following **Request App Tokens for Sandbox** screen.

Application Information (* Required)

Application Name: *

My App

Description: *

Demo app with all API enabled

(You have 471 characters left.)

3. Check the APIs you want to use in your application, as shown in the following screen.

API Services (* Required)

☒ Device Capability *i*

☒ In App Messaging from Mobile Number (Beta) *i*

☒ Multimedia Messaging Service(MMS) *i*

☒ Payment *i*
 To receive messages confirming the state of Payment requests, please provide us with your **callback URLs**.

☒ Short Messaging Service(SMS) *i*

☒ Speech *i*

☒ Terminal Location *i*

☒ WAP Push *i*

OAuth Redirect (* Required)

* URL :

http://my.host.com/oauth/redirect *i*

Set Up Application

Cancel



Note: For information on OAuth redirect URL and Payment callback URL, see the [Configure OAuth Redirect](#) section.

- Click **Set up Application**. A screen similar to the following should appear. Note that an **App Key** and a **Secret Key** are created for your application.

Free Trial Access > My Apps > My App Account Status: **Active** [i](#)

[Upgrade to Full Access](#)

My App

Demo app with all API enabled

Environment: Sandbox [Upgrade to Full Access](#) [Edit](#) [Delete Application](#)

[View Analytics](#)

[App Details](#)
[Manage Shortcodes](#)

Developer	Keys	Shortcode	API Used	App Status
att-dps-outlook	App Key: 4fd14dd1ad811906215367f39e233186 Secret: 346d5410328aa63a	44627374	DC IMMN MMS PAYMENT SMS SPEECH TL WAP	Active (12/31/2012)

Merchant ID: 8c1f9cdf-cb4f-4943-a0ad-cefbc270a8fd

Your setup for the AT&T API Platform is now complete.

Installing and Configuring the Salesforce Toolkit

This section describes how to install and configure the Salesforce toolkit for the AT&T API platform.

Set up a User Account in Salesforce

To set up a user account in Salesforce, perform the following steps.

1. Register or log into your developer account on <http://developer.force.com>, as shown in the following screen.

Search... [Search](#)

Leads Accounts Contacts Opportunities Forecasts Contracts Cases Solutions Products Reports De

ATT-DPS SF-TEST
Wednesday January 2, 2013

[Hide Feed](#)

Post File Link Poll

What are you working on? [Share](#)

Sort by: Post Date

There are no updates.

ATT-DPS SF-TEST Help Sales

My Profile
Setup
Developer Console
Logout

Winter '13 for Developers

Recommendations

[Watch a short video](#)
Learn more about how Chatter can help you do your job better.

[Skip >](#)

- Click **Setup** in the upper right corner of the page.
- In the Personal Setup section in the left-hand menu, select **My Personal Information, Personal Information**.
- On the **Personal Information** page, click **Edit**. A screen similar to the following should appear.

User
ATT-DPS SF-TEST Edit Layout | User Profile | Help for this Page ?

[Permission Set Assignments \[0\]](#) | [Personal Groups \[0\]](#) | [Public Group Membership \[0\]](#) | [Queue Membership \[0\]](#) | [Managers in the Role Hierarchy \[0\]](#) | [Remote Access \[0\]](#) | [Third-Party Account Links \[0\]](#) | [Login History \[1+\]](#)

User Detail Edit Change Password

Name	ATT-DPS SF-TEST	Role	Customer Support, International
Alias	adsflest	User License	Salesforce
Email	attdps.sf@outlook.com	Profile	System Administrator
Username	attdps.sf@outlook.com	Active	<input checked="" type="checkbox"/>
Community Nickname	att-dps-sf-test i	Marketing User	<input checked="" type="checkbox"/>
Title		Offline User	<input checked="" type="checkbox"/>
Company	AT&T Mobility Inc	Knowledge User	<input type="checkbox"/>
Department	Developer Program	Force.com Flow User	<input type="checkbox"/>
Division		Service Cloud User	<input checked="" type="checkbox"/>
Address	WA 98052 US	Site.com Contributor User	<input type="checkbox"/>
Time Zone	(GMT-08:00) Pacific Standard Time (America/Los_Angeles)	Site.com Publisher User	<input type="checkbox"/>
Locale	English (United States)	Mobile User	<input checked="" type="checkbox"/>
Language	English	Mobile Configuration	
Delegated Approver		Accessibility Mode	<input type="checkbox"/> i
Manager		Color-Blind Palette on Charts	<input type="checkbox"/> i
Receive Approval Request Emails	Only if I am an approver	Send Apex Warning Emails	<input type="checkbox"/>
Newsletter	<input checked="" type="checkbox"/>	Make Setup My Default Landing Page	<input checked="" type="checkbox"/>
Admin Newsletter	<input checked="" type="checkbox"/>	Force.com Quick Access Menu	<input checked="" type="checkbox"/>
Federation ID		Development Mode	<input checked="" type="checkbox"/>

- Switch to **Development** mode and click **Save** to apply the changes.

Install AT&T Toolkit as an Unmanaged Package

To install the AT&T toolkit for Salesforce as an unmanaged package, perform the following steps.

- Install the toolkit package from <https://login.salesforce.com/package/installPackage.apexp?p0=04td0000000AYhc>



Note: For detailed installation instructions, see http://wiki.developerforce.com/page/An_Introduction_to_Packaging.

- The following screenshots show the installation steps.

Package Installation Details

[Help for this Page](#)

Package Name	ATT-Toolkit-Salesforce-Platform
Version Name	DevSummit 2013
Version Number	1.1
Publisher	Outlook
Description	AT&T Toolkit for Salesforce Platform - DevSummit 2013 Release - Version 1.1

Continue

Cancel

Package Components

► Resources (17)

▼ Apps (1)

Action	Component Name	Parent Object	Component Type	Installation Notes
Create	AT&T Toolkit		App	This is a brand new component.

► Objects (8)

► Fields (26)

► Pages (15)

► Code (120)

► Tabs (13)

Chat

Package Installer

ATT-Toolkit-Salesforce-Platform

[Help for this Page](#)

Step 1. Approve Package API Access

Step 1 of 3

These settings control the access that s-controls and other components in this package have to standard objects via the API. The access will still be constrained by the user's profile. You can view and edit the package API access to standard objects after the package is installed from the package detail page. [Tell me more](#)

Package Custom Objects

Components in this package will have the user's full API access to the following custom objects included in the package:

- AT&T Application Security Key
- AT&T Shortcode
- AttnNotificationIdRecord
- DemoSubscriptionHistory
- DemoSinglepayHistory
- DemoMMS
- DemoPaymentRecord
- AT&T Code Authorization

Extended Object Permissions

	Read	Create	Edit	Delete		Read	Create	Edit	Delete
Accounts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ideas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Assets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leads	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Campaigns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Opportunities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Price Books	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Products	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Push Topics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Solutions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

General User Permissions

This Package will be able to use all of the General User Permissions from the user's Profile.

Administrative Permissions

This Package will not be able to use any of the Administrative Privileges from the user's Profile.

Next

Cancel

Package Installer

ATT-Toolkit-Salesforce-Platform

[Help for this Page](#)

Step 2. Choose security level

Step 2 of 3

Select security settings:

☒ Grant access to admins only

Users with your profile get full access (best for limited deployments)

☐ Grant access to all users

All internal custom profiles get full access

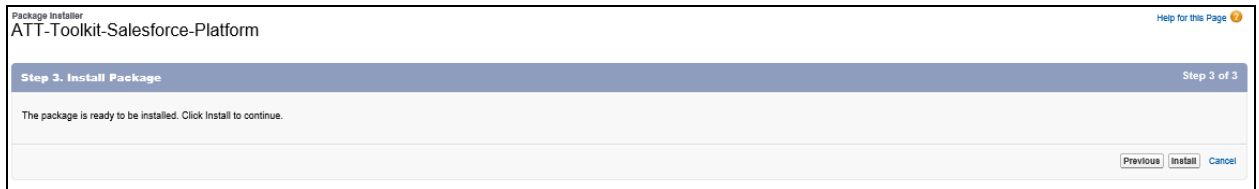
☐ Select security settings

User access set by profile (recommended for most packages)

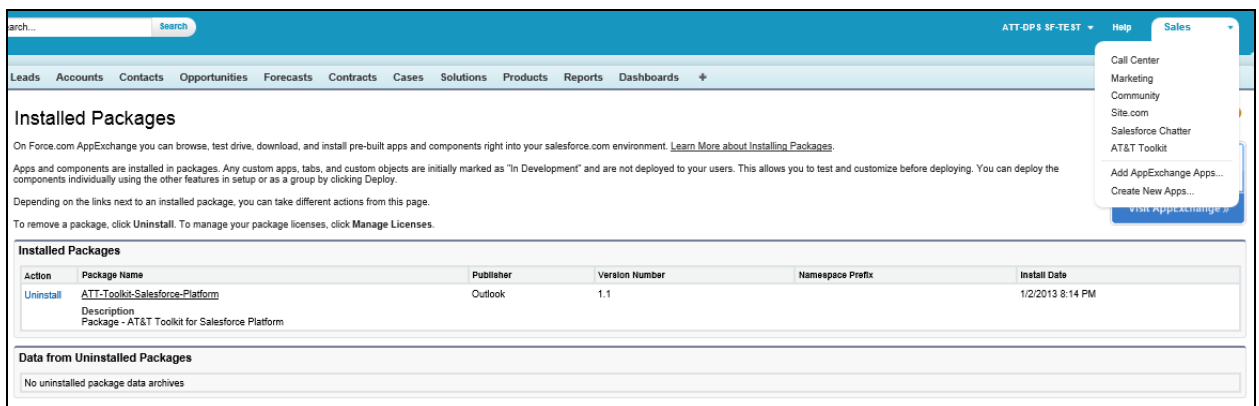
Previous

Next

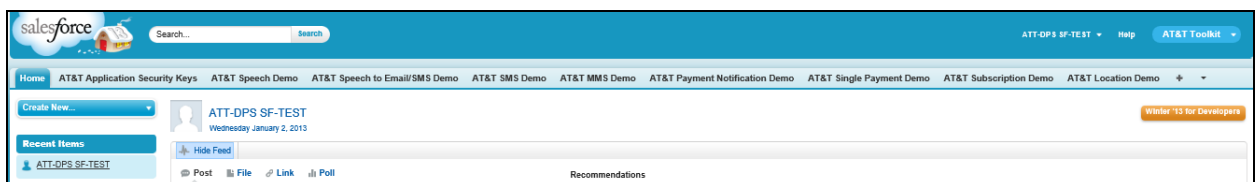
Cancel



Once the package installation completes, **AT&T Toolkit** appears as a new menu item in the top-right dropdown Application section menu, as shown in the following screen.



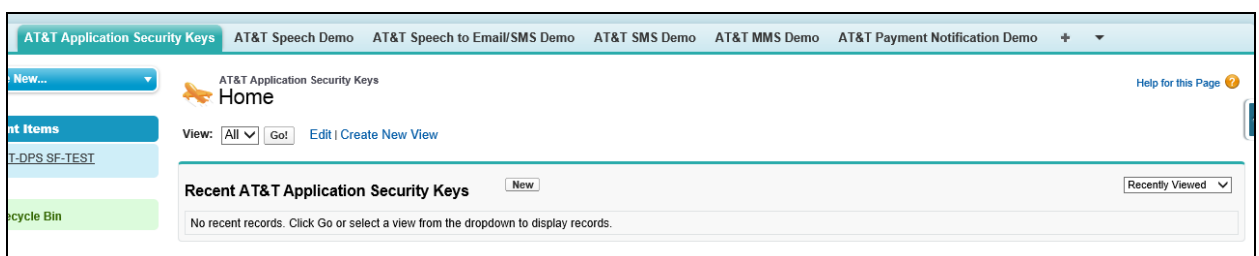
1. Click **AT&T Toolkit** to show all tabs for the app.



Configuring the AT&T Toolkit

To configure the AT&T toolkit, perform the following steps.

1. Select **AT&T Toolkit** app from top-right drop-down Application menu.
2. Click **AT&T Application Security Keys**.
3. Click **New**.



4. Enter values for the following fields. For information on getting these values, see [Getting an API Key](#).
 - a. **Application Name**
 - b. **API Key**
 - c. **Secret Key**

The screenshot shows the 'AT&T Application Security Key Edit' form. It has a title bar with 'Save', 'Save & New', and 'Cancel' buttons. Below the title bar is a section titled 'Information'. Inside this section, there are three input fields: 'Application name' with a red border and placeholder '<App Name>', 'API Key' with a red border and placeholder '<API Key>', and 'Secret Key' with a red border and placeholder '<Secret Key>'. At the bottom right of the form, there are 'Save', 'Save & New', and 'Cancel' buttons.

5. Click **Save**
6. Click **AT&T Application Security Keys**.
7. Click **AT&T Toolkit** under **Recent AT&T Application Security Keys**.

The screenshot shows the 'AT&T Application Security Key Detail' page. The top navigation bar includes 'AT&T Speech Demo', 'AT&T Speech to Email/SMS Demo', 'AT&T SMS Demo', 'AT&T MMS Demo', and 'AT&T Payment Notification Demo'. The main content area has a title 'AT&T Application Security Key' and 'AT&T Toolkit'. Below the title, there are links for 'Back to List: Custom Apps', 'AT&T Shortcodes', and 'Customize Page | Edit Layout | Printable View | Help for this Page'. The 'AT&T Application Security Key Detail' section shows the following information: Application name: AT&T Toolkit, API Key: 6d932b150c0ef738c3d4c573dcca8efd, Secret Key: 1bf74602337ede94, Created By: ATT-DPS-SF-TEST, 1/2/2013 8:30 PM, Last Modified By: ATT-DPS-SF-TEST, 1/2/2013 8:30 PM. There are 'Edit', 'Delete', and 'Clone' buttons for the key detail. Below this, there is an 'AT&T Shortcodes' section with a 'New AT&T Shortcode' button and a link to 'AT&T Shortcodes Help'.

8. Click **New AT&T Shortcode** in the **AT&T Shortcodes** panel. A screen similar to the following should appear.

The screenshot shows the 'AT&T Shortcode Edit' form. It has a title bar with 'Save', 'Save & New', and 'Cancel' buttons. Below the title bar is a section titled 'Information'. Inside this section, there are three input fields: 'AT&T Application Security Key' with a red border and value 'AT&T Toolkit', 'Name' with a red border and value 'Default', and 'Shortcode' with a red border and value '<your_att_app_shortcode>'. At the bottom right of the form, there are 'Save', 'Save & New', and 'Cancel' buttons.

9. Enter values for the following fields. The **AT&T Application Security Key** value should already be filled, so there is no need to change this value.

- a. **Name** Enter the string: "Default".
 - b. **Shortcode** Use your short code.
10. Click **Save**.

Configuring OAuth Redirect

This step is optional, but is required for specific AT&T APIs, such as **Message On Behalf Of**. For information on the APIs that require OAuth authorization, see <https://developer.att.com/docs>.

For correct authorization, you need to fill the **OAuth Redirect** field of the AT&T Application under the AT&T Developer's account. For information on setting this field, see [Setting up an Application in the Sandbox](#).

To obtain the required URL for this field, perform the following steps.

1. Open one of the **Visualforce** pages in the **Salesforce** account.
2. Copy the URL from the address field of the browser without the relative path.

For example, for the following page URL:

https://c.na9.visual.force.com/apex/att_speech_demo_page?sfdc.tabName=01rE0000000aAfO

Use <https://c.na9.visual.force.com/> as the **OAuth Redirect** parameter.

For further information on OAuth redirect, see the AT&T developer documentation at <https://developer.att.com/docs>.

Creating Site and Configure REST Classes Used for Callbacks

This step is optional, but is required to use callback controllers with specific AT&T APIs, such as Payment.

To create the site, perform the following steps.

1. Register your Force.com domain name.



NOTE: This only has to be done once. Choose the domain name that represents your organization rather than a specific site.

2. Navigate to **Setup, Develop, Sites** and enter the domain name, as shown in the following screen.

Your Force.com Domain

MyCompany.force.com

Your Sites

- MyCompany.force.com/developers
- MyCompany.force.com/customers
- MyCompany.force.com/marketing

Register Your Force.com Domain

To get started, first register your company's Force.com domain. Your Force.com domain must be unique and can only consist of alphanumeric characters. We recommend using your company's name or a variation of your company's name, such as mycompanyportal.

You can not modify your Force.com Domain Name after the registration process.

http:// .force.com

☐ I have read and accept salesforce.com [Terms and Conditions](#).



NOTE: On Developer Edition environments, your domain name should have the following format: *MyDomainName-developer-edition.na6.force.com*.

3. Create the site that can be referenced by the domain name. Navigate to **Setup, Develop, Sites** and click **New**.
4. Fill in the required fields and click **Save**.

To add the REST resource callback class to Public Access Classes:

1. Navigate to **Setup, Develop, Sites**.
2. Click **Site Label** for site you want to control.
3. To open the Profile page for your site profile, click **Public Access Settings**.
4. Navigate to the **Enabled Apex Class Access** section and click **Edit**.
5. Click **Add** to add your REST resource callback class from the **Available Apex Classes** section to **Enabled Apex Classes** section.
6. Click **Save**.

Your service will be available at `https://[base address of the site]/services/apexrest/[url mapping of service mapped by @RestResource(urlMapping='<yourURLmapping>')]`.

For example, <https://MyDomainName-developer-edition.na6.force.com/services/apexrest/SMSInboxCallback>.

Using the AT&T Toolkit as a Force.com IDE Project

Salesforce developers can also use Force.com IDE to extend or re-use Apex components in AT&T Toolkit.

AT&T Developer Program provides the Toolkit as a ready-to-use Force.com IDE project. Go to https://github.com/attdevsupport/ATT_APIPlatform_Force_com_Toolkit to download the project.

The IDE project contains the following components.

- The complete source code of the AT&T Toolkit.

- VisualForce Pages demonstrating AT&T Platform APIs. These are ready out-of-the-box and fully functional.

For AT&T Platform developers who are starting on Salesforce Platform, following links can be useful:

- To download the Force IDE, go to http://wiki.developerforce.com/page/Force.com_IDE_Installation
- See the Force IDE introduction at http://wiki.developerforce.com/page/An_Introduction_to_Force_IDE
- See the IDE FAQ at http://wiki.developerforce.com/page/Force.com_IDE_FAQ
- See the Force.com documentation at <http://wiki.developerforce.com/page/Documentation>