



AT&T Toolkit for Salesforce Platform

Configuration Guide for Salesforce Administrators

AT&T Developer Program
January 3, 2013

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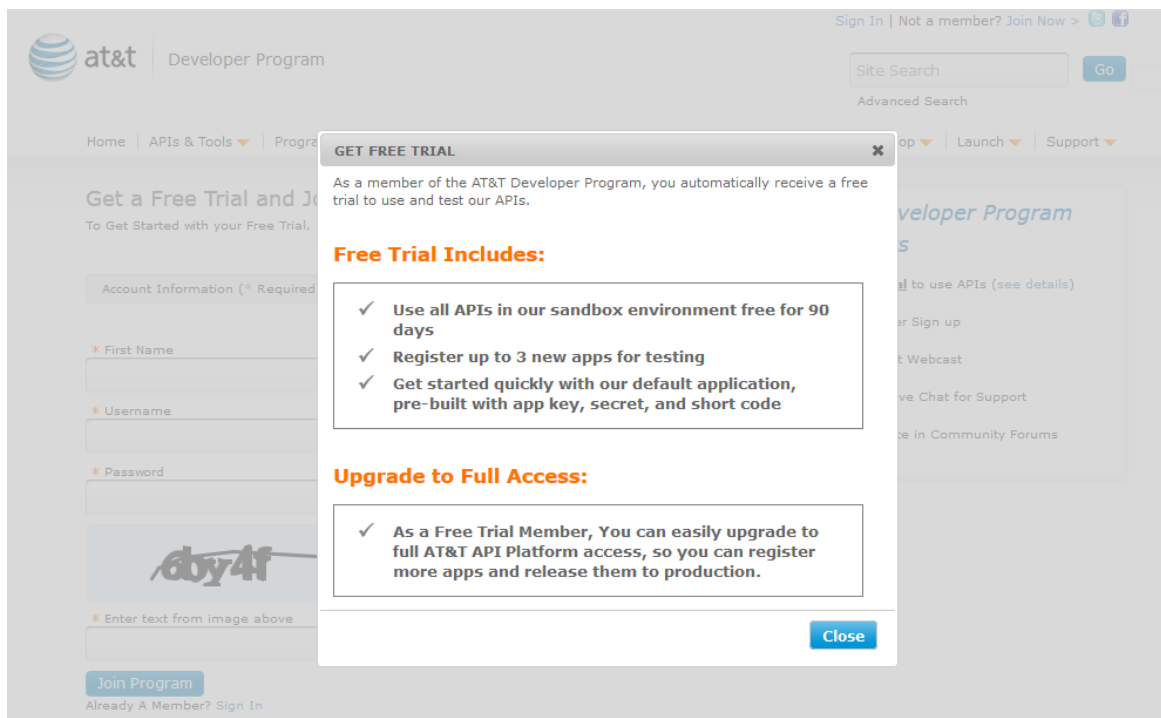
1. Access AT&T API

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

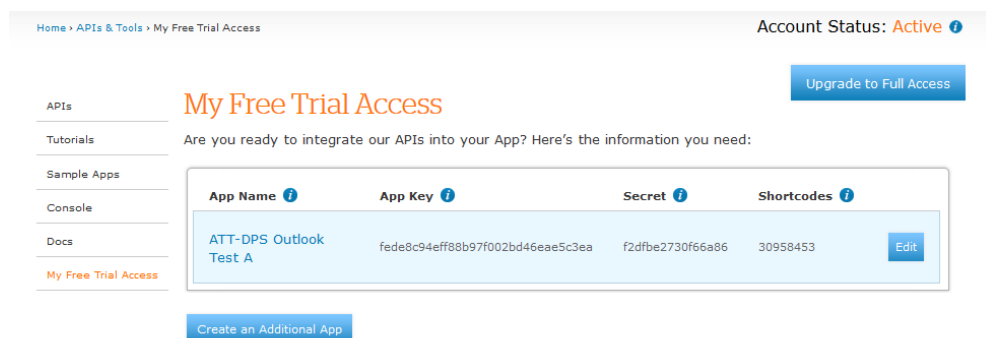
- API Key
- Secret Key

1.1. Obtaining API Keys:

- Go to <https://developer.att.com>.
- Click 'Join Now' link on top-right corner. Following dialog shows up. Review the details and Click 'Close'.



- Then, in 'Get a Free Trial and Join' screen behind this, enter your details and click 'Join Program'. After successful registration, following screen appears.



- A Test Application is automatically created for you. By default, this application has SMS and Speech API enabled. SMS API also comes with a Shortcode. A pair of keys (App Key and Secret Key) are automatically created and associated with this Test Application. These 2 keys are the 'credentials' used to access AT&T API.



Note: Section **Configure AT&T Toolkit** later in this document illustrates how these credentials are used in AT&T Toolkit for Salesforce Platform.



Note: Your trial access is valid up to 90 days and you can create up to 3 applications in 'Sandbox' environment during trial period.



Shortcode: A virtual number allotted by AT&T to your application from which SMS and/or MMS messages can be sent or received.

1.2. Setting up an Application in Sandbox

You can also set up your own Application in Sandbox environment and select a combination of APIs that you want to use.

Home > APIs & Tools > My Free Trial Access
Account Status: Active

APIs

Tutorials

Sample Apps

Console

Docs

My Free Trial Access

My Free Trial Access

Are you ready to integrate our APIs into your App? Here's the information you need:

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

Create an Additional App

Upgrade to Full Access

- Click '**Create an Additional App**' from '**My Free Trial Access**'.

- Enter **Application Name** and **Description** in 'Request App Tokens for Sandbox' screen
- Check the APIs you want to use in your Application

[Home](#) > [APIs & Tools](#) > [My Free Trial Access](#) > [My Apps](#) > Request App Tokens for Sandbox

Account Status: **Active** [i](#)

Request App Tokens for Sandbox

Use this form to tell us about your app and request the network services you need in the Sandbox environment.
Please note that if you request to move this app to production, then you will need to upgrade to **Full Access**

Application Information (* Required)

Application Name: *

My App [i](#)

Description: *

Demo app with all API enabled [i](#)

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 more details on OAuth redirect URL and Payment callback URL, please refer <https://developer.att.com/docs>. Also refer section *Configure OAuth Redirect* later in this document.

- After clicking '**Set up Application**' as shown above, a screen like the following should show up. 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 DetailsManage 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 set up for AT&T API Platform is now complete.

2. Installing and Configuring the AT&T Toolkit

To install and configure the toolkit, perform the following steps.

2.1. User Setup in Salesforce Developer Account

1. Register or log into your developer account on <http://developer.force.com/>.

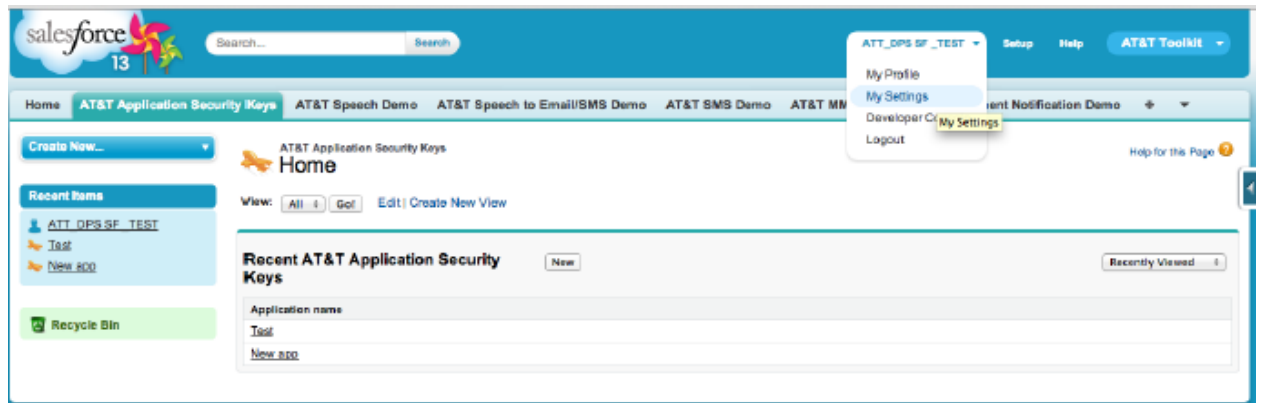


Figure 2 - Selecting My Settings

2. Click **My Settings** in the upper right corner of the page.
3. In the **Personal** section in the left-hand menu, select **Personal Information**.
4. On the **Personal Information** page, click **Edit**.

User
ATT-DPS SF-TEST

Edit Layout | User Profile | Help for this Page

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

User Detail Edit Change Password

Name	ATT-DPS SF-TEST	Role	Customer Support, International
Alias	adsftest	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	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"/>

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

2.2. Install AT&T Toolkit as Unmanaged Package

1. Install the toolkit package from:
<https://login.salesforce.com/packaging/installPackage.apexp?p0=04td00000000AZdU>



Note: Refer to http://wiki.developerforce.com/page/An_Introduction_to_Packaging for more detailed installation instructions.

2. Quick overview with screenshots of installation steps are shown below.

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

ContinueCancel

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
- ATNotificationIdRecord
- DemoSubscriptionHistory
- DemoSinglepayHistory
- DemoMMS
- DemoPaymentRecord
- AT&T Code Authorization

Extended Object Permissions

	Read	Create	Edit	Delete
Accounts	<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"/>
Campaigns	<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"/>
Contacts	<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"/>
Documents	<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"/>
Leads	<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"/>
Price Books	<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"/>
Push Topics	<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.

NextCancel

Step 3. Install Package Step 3 of 3

The package is ready to be installed. Click Install to continue.

[Previous](#) [Install](#) [Cancel](#)

[Previous](#) [Next](#) [Cancel](#)

[Back to List: Development Package](#)

Install Complete
Follow any remaining steps in the app install guide to complete deployment.

Installed Package Detail [Uninstall](#) [View Components](#) [View Dependencies](#)

Package Name	ATT-Toolkit-Salesforce-Platform	Version Number	1.1
Language	English	Package Type	Unmanaged
Version Name	DevSummit 2013	Modified By	ATT-DPS-SF-TEST 1/2/2013 8:14 PM
Publisher	Outlook		
Description	Package - AT&T Toolkit for Salesforce Platform		
Installed By	ATT-DPS-SF-TEST 1/2/2013 8:14 PM		

Search...

Leads Accounts Contacts Opportunities Forecasts Contracts Cases Solutions Products Reports Dashboards +

Installed Packages

On Force.com AppExchange you can browse, test drive, download, and install pre-built apps and components right into your salesforce.com environment. [Learn More about Installing Packages.](#)

Apps and components are installed in packages. Any custom apps, tabs, and custom objects are initially marked as "In Development" and are not deployed to your users. This allows you to test and customize before deploying. You can deploy the components individually using the other features in setup or as a group by clicking Deploy.

Depending on the links next to an installed package, you can take different actions from this page.

To remove a package, click Uninstall. To manage your package licenses, click Manage Licenses.

Action	Package Name	Publisher	Version Number	Namespace Prefix	Install Date
Uninstall	ATT-Toolkit-Salesforce-Platform	Outlook	1.1		1/2/2013 8:14 PM
	Description				
	Package - AT&T Toolkit for Salesforce Platform				

Data from Uninstalled Packages

No uninstalled package data archives

Once the package install is complete successfully, 'AT&T Toolkit' shows up as a new menu item in the top-right dropdown Application section menu.

Click 'AT&T Toolkit' to show all tabs for the app.

salesforce

Search...

ATT-DPS-SF-TEST Help **AT&T Toolkit**

Home AT&T Application Security Keys AT&T Speech Demo AT&T Speech to Email/SMS Demo AT&T SMS Demo AT&T MMS Demo AT&T Payment Notification Demo AT&T Single Payment Demo AT&T Subscription Demo AT&T Location Demo +

Create New...

Recent News

ATT-DPS-SF-TEST

ATT-DPS-SF-TEST

Post File Link Poll

Recommendations

2.3. Configure AT&T Toolkit

1. Select **AT&T Toolkit** app from top-right drop-down Application menu
2. Click the tab **AT&T Application Security Keys**
3. Click **New** button
4. Enter values for the fields. Please refer section Obtaining API Keys:

AT&T Application Security Keys AT&T Speech Demo AT&T Speech to Email/SMS Demo AT&T SMS Demo AT&T MMS Demo AT&T Payment Notification Demo +

New...

AT&T Application Security Keys

Home

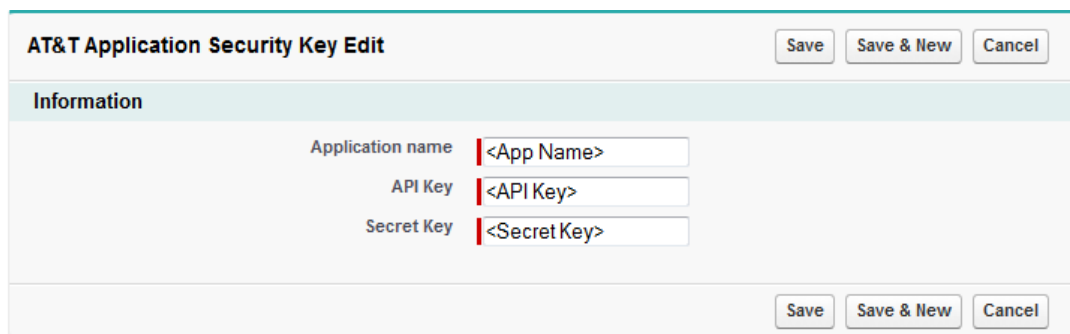
View: All Got Edit Create New View

Recent AT&T Application Security Keys [New](#) [Recently Viewed](#)

No recent records. Click Go or select a view from the dropdown to display records.

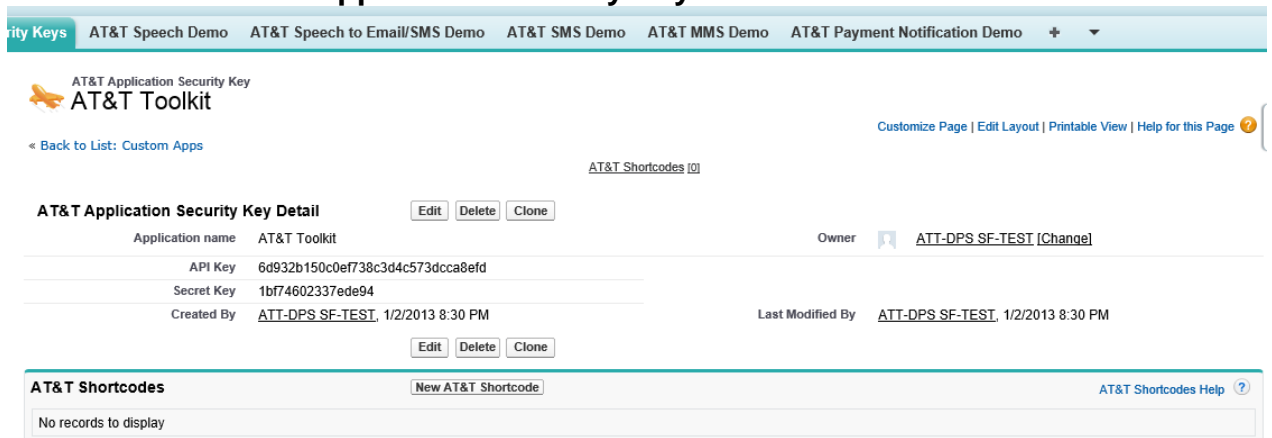
- a. **Application Name** <some_app_name_you_can_choose>
- b. **API Key** <your_att_app_key>

- c. **Secret Key** <your_att_app_secret_key>



The screenshot shows the 'AT&T Application Security Key Edit' form. It has a header with 'Save', 'Save & New', and 'Cancel' buttons. Below the header is an 'Information' section with three input fields: 'Application name' with the value '<App Name>', 'API Key' with the value '<API Key>', and 'Secret Key' with the value '<Secret Key>'. At the bottom of the form are 'Save', 'Save & New', and 'Cancel' buttons.

5. Click **Save**
6. Click **AT&T Application Security Keys** tab

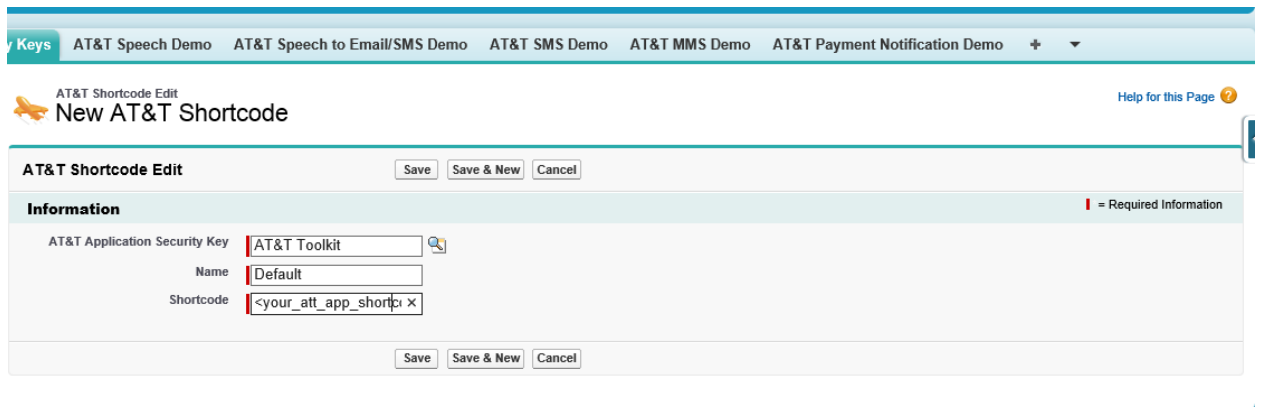


The screenshot shows the 'AT&T Application Security Keys' dashboard. It has a navigation bar with tabs: 'AT&T Speech Demo', 'AT&T Speech to Email/SMS Demo', 'AT&T SMS Demo', 'AT&T MMS Demo', and 'AT&T Payment Notification Demo'. Below the navigation bar is a section for 'AT&T Application Security Key' with a 'Back to List: Custom Apps' link. The main content area shows 'AT&T Shortcodes' with a 'New AT&T Shortcode' button. Below this is a table with the following data:

Application name	API Key	Secret Key	Created By	Last Modified By
AT&T Toolkit	6d932b150c0ef738c3d4c573dcca8efd	1bf74602337ede94	ATT-DPS SF-TEST, 1/2/2013 8:30 PM	ATT-DPS SF-TEST, 1/2/2013 8:30 PM

Below the table is a section for 'AT&T Shortcodes' with a 'New AT&T Shortcode' button and a 'No records to display' message.

7. Click **AT&T Toolkit** under Recent **AT&T Application Security Keys**
8. Click **New AT&T Shortcode** button in **AT&T Shortcodes** panel (shown above)



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

9. Enter values for the fields:
a. **AT&T Application Security Key** Pre-filled, no need to change this.
b. **Name** Enter the string: **Default**
c. **Shortcode** <your_att_app_shortcode>
10. Click **Save**

2.4. Configure OAuth Redirect

This step is optional.

It is needed only if you plan to use certain AT&T APIs (for example, **Message On Behalf Of** API) in your applications. For more details on the API that require OAuth authorization, please refer <https://developer.att.com/docs>.

Please refer section *Setting up an Application in Sandbox*. For correct authorization, you need to fill the **OAuth Redirect** field of the AT&T Application under the AT&T Developer's account.

To obtain the required URL for this parameter:

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.

2.5. Create Site and Configure REST Classes Used for Callbacks

This step is optional.

It is needed only if you want set up callback controllers when using certain AT&T APIs, for example, Payment.

To create the site:

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.

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.

Warning: 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](#).

Figure 7 – Creating Domain Name



NOTE: On Developer Edition environments, your domain name will look the following way: *MyDomainName-developer-edition.na6.force.com*.

- Now you can create the site that can be referenced by the domain name. Navigate to **Setup > Develop > Sites** and click on the **New** button.
- Fill in all the required fields and click **Save**.

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

- Navigate **Setup > Develop > Sites**.
- Click **Site Label** of the site you want to control.
- To open the Profile page for your site profile, click on the **Public Access Settings** button.
- Navigate to the **Enabled Apex Class Access** section and click **Edit**.
- Add your REST resource callback class from the **Available Apex Classes** section to **Enabled Apex Classes** section by pressing the **Add** button.
- Click **Save**.

Your service will be available at

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

3. AT&T Toolkit as Force.com IDE Project

Salesforce developers can also use Force.com IDE to extend and/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. Visit https://github.com/attdevsupport/ATT_APIPlatform_Force_com_Toolkit to download the project.

Following are available in the IDE project:

- Complete source code of 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:

- Download Force IDE
http://wiki.developerforce.com/page/Force.com_IDE_Installation
- Get familiarized with Force IDE
http://wiki.developerforce.com/page/An_Introduction_to_Force_IDE
- Get familiarized with IDE FAQ:
http://wiki.developerforce.com/page/Force.com_IDE_FAQ
- Get familiarized with other documentation about force.com
<http://wiki.developerforce.com/page/Documentation>