

# Microsoft Translator API Key Setup Guide

To configure Microsoft Translator Subscription Key, the admin needs to enter the API key provided in System Settings > General Settings > Third-Party API > Microsoft Translator Text API.

Microsoft Translator Text Api	
Subscription Key	
	Microsoft Translator Text Api 3.0 Subscription Key.
	SAVE CHANGES

Fig. 1: Microsoft Translator Subscription Key Settings

To create a language translator API through Microsoft account, admin must follow the steps mentioned below.

- I. Login
   to
   Microsoft
   Azure
   Portal
   from

   https://azure.microsoft.com/en-in/account/.

   <
- Once logged in, the admin must click on the 'Portal' button to proceed (Refer figure 2).





Fig. 2: Sign In Homepage

3. 'Portal' home-screen will be displayed as shown in figure 3.



,									
Create a Suit	<b>†</b>	Resource	All resources	Cognitive	<b>O</b>	Virtual		Storage	
resource	osciptions.	groups	, in resources	Services	Connections	machines	hipp services	accounts	
Recent resources	5								
Name				Туре				Last Viewed	
YoKart				Cogniti	ve Services			2 weeks ago	
() YoKart				Resour	ce group			2 weeks ago	
📍 6bd48693-9c59-42	56-a3e8-9d589	b54683b		Subscri	ption			a month ago	
Subscriptions		<b>(</b> )	Resource groups		All resource	s	Da	ashboard	
Subscriptions Subscriptions Microsoft Learr	1 [3]		Resource groups		All resource	s	Caller Caller	ashboard ost Management	
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# Fig. 3: 'Portal' screen

4. Admin must click on '**Subscriptions**' under the '**Navigate**' section which will redirect them to the '**Subscriptions**' page as shown in figure 4.



Subscriptions	Ś						Docum	nentation 🗗	)
efault Directory									
+ Add									
view list of subscriptions for	which you h	ave role-based access contro	(RBAC) permissions	to manage Azure re	esources	To view subscriptions	s for which you have billi	ng access, cl	lick
nere									
Showing subscriptions in Def	ault Directo	ry directory. Don't see a subso	cription? Switch direc	ctories					
My role 🕕				Status (i)					
8 selected			$\sim$	3 selected					$\sim$
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Apply Showing 1 of 1 subscriptions	Show	only subscriptions selected in	the global subscript	tions filter 🛈					
Apply Showing 1 of 1 subscriptions 🏸 Search to filter items	Show Show	only subscriptions selected in	the global subscript	tions filter (i)					
Apply Showing 1 of 1 subscriptions \$earch to filter items Subscription name	Show	only subscriptions selected in Subscription ID	the global subscript ↑↓	tions filter ① My role	$\uparrow_{\downarrow}$	Current cost	Status	↑↓	

# Fig. 4: 'Subscriptions' Page

- 5. Admin must click on blue plus icon  $\frac{+}{4}$  Add to add a new subscription.
- If the admin has not entered their billing details at the time of sign-up, 'Select An Offer' page will appear as shown in figure 5. Click on 'Pay-As-You-Go' to proceed.





## Fig. 5: 'Select and Offer' page

Admin needs to complete the four steps required to complete this sign-up step as shown in figure 6.



Identity verification by phone	~
Payment Information	~
Service Usage Address	~
Add technical support	~

## Fig. 6: Complete Signup Steps

 If admin has already added their billing details, a 'Create Subscription' page will be displayed as shown in figure 7.

Create subscription	\$
Subscription Name *	Enter the name

#### Fig. 7: Create Subscription

Admin must enter their name in 'Subscription Name\*' input text-box and

click on button provided at the bottom of this page. Once subscription is created, a message will be displayed as shown in figure 8.





## Fig. 8: 'Subscription Successfully Created' Message

Admin can refresh the 'Subscriptions' page to check their newly added 'Subscription' being displayed in the list below.

If not displayed, the admin must select the 'Show Only Subscriptions Selected in the Global Subscriptions Filter' check-box and then refresh the page as shown in figure 9 below.

My role 🕕				Status ①				
8 selected			$\sim$	3 selected				$\sim$
Apply								
Showing 4 of 4 subscriptions	Show only su	bscriptions selected in the	global subscriptions filter ①					
Subscription name	↑↓	Subscription ID	$\uparrow \downarrow$	My role	$\uparrow_{\downarrow}$	Current cost	Status	$\uparrow_{\downarrow}$

Fig. 9: Display Newly Added Subscription in List

 Admin must redirect back to the '<u>Portal</u>' (Refer figure 3) and click on 'Resource Groups' to create a new Resource Group.



#### Fig. 10: Resource Groups page



- As shown in figure 10, admin must click on blue plus icon + Add to add a new Resource Group. Admin will be redirected to 'Create a Resource Group' page as shown in figure 11, in which admin must:
  - **Subscription\*:** Select your currently active subscription for which the resource groups is to be created, from the drop-down list.
  - **Resource Group\*:** Enter a name for the resource group.
  - **Region\*:** Select region from drop-down list.

Home > Resource groups >		
Create a resource grou	q	
<b>Basics</b> Tags Review + create <b>Resource group</b> - A container that holds re resources for the solution, or only those re allocate resources to resource groups base	elated resources for an Azure solution. The resource group can include all the esources that you want to manage as a group. You decide how you want to ed on what makes the most sense for your organization. Learn more 🖾	
Project details		_
Subscription * (i)	Pay-As-You-Go	~
Resource group * ①		
Resource details		
Region * 🕕	(US) East US	~
Review + create < Previous	Next : Tags >	

#### Fig. 11: 'Create A Resource Group' page

Clicking on the '**Review + Create**' button, the admin will be redirected to the review page. To finish the process, the admin must click on the '**Create**' button as shown in figure 12.



≡ Microsof	t Azure		𝒫 Search resources, services, and docs (G+/)
Home > Resourc	e groups >	up	
Create a re	esource gro	up	
Validation pa	issed.		
Basics Tags	Review + create		
Basics			
Subscription		Pay-As-	You-Go
Resource group		Test	
Region		East US	
Tags			
None			
Create	< Previous	Next >	Download a template for automation

## Fig. 12: Finish Creating Resource Group



#### Fig. 13: 'Resource Group Created' confirmation message



A pop-up message will be displayed to confirm that the respective resource group has been created. Refreshing this page will display the newly created resource group in the '**Resource Groups**' list.

10. As shown in figure 14, admin must click on the created Resource Group's name.

Home >			
Resource groups Default Directory			×
+ Add 🔞 Manage view 🗸 🕐 Refresh 🞍 Export to CSV 🛛 🖗 Assign tags	🛇 Feedback		
Filter by name Subscription == all Location == all X + Add	filter		
Showing 1 to 2 of 2 records.		No grouping	$\vee$
□ Name ↑↓	Subscription $\uparrow \downarrow$	Location $\uparrow_{\downarrow}$	
🗌 间 Test	Pay-As-You-Go	East US	

## Fig. 14: 'Resource Groups' list

Admin will be redirected to the details page as shown in figure 15.

Home > Resource groups >			
Fest ☆ Resource group			
	+ Add ≡≡ Edit columns	$\square$ Delete resource group $\bigcirc$ Refresh $\rightarrow$ M	ove 🛓 Export to CSV 🛛 🖗 Assign tags 🛍 Delete \cdots
Overview	Subscription (change)		Deployments

#### Fig. 15: 'Resource Group Name' Details Page

11. Click on '**Add**' blue plus icon which will redirect admin to Marketplace as shown in figure 16. Admin must search '**Translator**' in the search bar provided on the top.



$\equiv$ Microsoft Azure	${\cal P}$ Search resources, services, and docs (G+/)	
Home > Resource groups >	Test >	
New		
		-
Azure Marketplace See a	all Popular	
Get started	Windows Server 2016 Datacenter	
Recently created	Quickstarts + tutorials	
AI + Machine Learning	Ubuntu Server 18.04 LTS	
Analytics	Learn more	
Blockchain	Web App	
Compute	Quickstarts + tutorials	
Containers	SQL Database	
Databases	Quickstarts + tutorials	
Developer Tools	– Function App	
DevOps	Quickstarts + tutorials	
Identity		
Integration	Azure Cosmos DB Quickstarts + tutorials	

#### Fig. 16: Marketplace

12. Selecting '**Translator**' will redirect admin to Translator Overview page as shown in figure 17. Admin must click on the '**Create**' button.





## Fig. 17: Translator Overview Page

- 13. Admin will be redirected to the '**Create Translator**' page (figure 18) in which admin must:
  - **Region\*:** Select 'Global' region from drop-down list.
  - Name\*: Enter a unique name for the translator.
  - Pricing Tier\*: Select "F0 (2M Up to 2M characters translated per month)" pricing tier from drop-down list.



Home > Resource groups > Test > N	lew > Translator >	
Create Translator		
Basics Tags Review + create		
Easily integrate real-time text translation of	apabilities into your application's websites, tools, or any solution requiring	
multi-language support such as website lo	ocalization, e-commerce, customer support, messaging applications, internal	l
communication, and more. Learn more		
Project details		
Select the subscription to manage deploy	ed resources and costs. Use resource groups like folders to organize and	
manage an your resources.		
Subscription * ()	Pay-As-You-Go	$\sim$
Resource group * (i)	Test	$\sim$
	Create new	2004
Instance details		
Region * ①	Central India	$\vee$
		~7
not offer a region selection use the	unless your business or application requires a specific region. Applications that do ne Global region.	U
Name * ①		
	-	
Pricing tier * ①		$\sim$
View full pricing details		
Text for prong details		
Review + create < Previous	Next : Tags >	

## Fig. 18: 'Create Translator' Page

Click on the '**Review + Create**' button to save and review the details.

14. As shown in figure 19, click on the '**Create**' button to finish creating the translator.



Home > Resource groups > Test > I	New > Translator >
Create Translator	
Validation Passed	
Basics Tags <b>Review + create</b>	
TERMS	
By clicking "Create", I (a) agree to the leg- listed above; (b) authorize Microsoft to bi the same billing frequency as my Azure s transactional information with the provid Microsoft does not provide rights for thir	al terms and privacy statement(s) associated with the Marketplace offering(s) ill my current payment method for the fees associated with the offering(s), with ubscription; and (c) agree that Microsoft may share my contact, usage and er(s) of the offering(s) for support, billing and other transactional activities. d-party offerings. See the Azure Marketplace Terms for additional details.
Basics	
Subscription	Pay-As-You-Go
Resource group	Test
Region	Central India
Name	yokartt
Pricing tier	F0 (2M Up to 2M characters translated per month)
Create < Previous	Next Download a template for automation

#### Fig. 19: Finish Creating Translator

15. A 'Your Deployment is Complete' message will be displayed on screen as shown in figure 20.



0	Your deployment is complete	
та ая	Deployment name: Microsoft.CognitiveServicesTextTranslation-20 Subscription: Pay-As-You-Go Resource group: Test	Start time: 7/15/2020, 3:37:23 PM Correlation ID: 30c1aede-b2a1-412c-9e42-a19da15284f1
~	Deployment details (Download)	
^	Next steps	
	Go to resource	

#### Fig. 20: 'Deployment is Complete' Message

16. Click on the '**Resource Group**' name displayed in this section which will redirect admin to the list of translators.



#### Fig. 21: Translators List Under respective Resource Group

17. Click on the newly created translator name as shown in figure 21 which 'Quick Start' page. From the side navigation, select 'Keys and Endpoint' under 'Resource Management' as shown in figure 22.



Ho	me > Microsoft.CognitiveServicesTextTra
Ċ	yokartt   Quick start
0	Search (Ctrl+/) «
5 ( )	Overview
٦	Activity log
2	Access control (IAM)
	Tags
Þ	Diagnose and solve problems
RES	OURCE MANAGEMENT
<b>4</b> 3	Quick start
•	Keys and Endpoint
Z	Pricing tier
<b>{··&gt;</b>	Networking
	Identity

## Fig. 22: Quick Start

18. Admin will be redirected to the 'Keys and Endpoint' page as shown in figure

23. Admin can copy any key (Key 1 or Key 2) by clicking on 🔟 icon.



These keys are used to access your Cognitive Service API. Do not share your keys. Store them securely- for example, using Azure Key Vault. We also recommend regenerating these keys regularly. Only one key is necessary to make an API call. When regenerating the first key, you can use the second key for continued access to the service.   Show Keys   KEY 1   KEY 2   ENDPOINT   https://api.cognitive.microsofttranslator.com/	C Regenerate Key1	C Regenerate Key2	
<ul> <li>These keys are used to access your Cognitive Service API. Do not share your keys. Store them securely- for example, using Azure Key Vault. We also recommend regenerating these keys regularly. Only one key is necessary to make an API call. When regenerating the first key, you can use the second key for continued access to the service.</li> <li>Show Keys</li> <li>KEY 1</li> <li>KEY 2</li> <li>ENDPOINT</li> <li>https://api.cognitive.microsofttranslator.com/</li> <li>LOCATION ①</li> </ul>			
Show Keys   KEY 1   KEY 2   ENDPOINT   https://api.cognitive.microsofttranslator.com/   LOCATION ①	These keys are us using Azure Key \ call. When regene	ed to access your Cognitive Service API. Do not share your keys. Store them securely– for example, /ault. We also recommend regenerating these keys regularly. Only one key is necessary to make an API arating the first key, you can use the second key for continued access to the service.	
KEY 2  ENDPOINT  https://api.cognitive.microsofttranslator.com/  LOCATION ①  centralindia	Show Keys		
KEY 2  ENDPOINT  https://api.cognitive.microsofttranslator.com/  LOCATION ①  centralindia	****		Ð
ENDPOINT https://api.cognitive.microsofttranslator.com/	KEY 2		
ENDPOINT https://api.cognitive.microsofttranslator.com/	•••••		D
https://api.cognitive.microsofttranslator.com/       LOCATION ①	ENDPOINT		
LOCATION ①	https://api.cognitive.n	nicrosofttranslator.com/	
centralindia D	LOCATION ①		
	centralindia		D

## Fig. 23: 'Keys and Endpoint' Page

Admin must enter this key in the 'Subscription Key' input field required while setting up 'Microsoft Translator Text Api' (Figure 1).