

Shipping Integration Based on Distance: Azure

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Shipping by distance calculates delivery charges based on how far the customer is from your store. This is done using either the Google Maps API or Azure Maps API, depending on your preference. Inside the WebStore Manager (WSM), you can define custom rate rules that apply per kilometer or mile.

This guide walks you through how to obtain an Azure Maps API key, integrate it with your WSM shipping rules, and configure your distance unit settings (miles or kilometers).

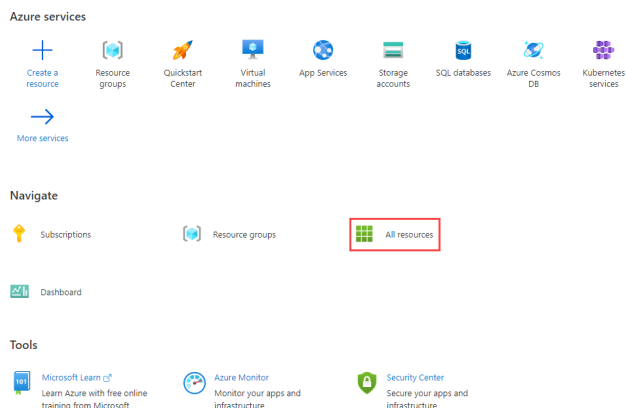
How to Get an Azure Maps API Key

1. Log in to the Azure portal.

If you do not have an Azure subscription, please create a free account first at <https://azure.microsoft.com>.

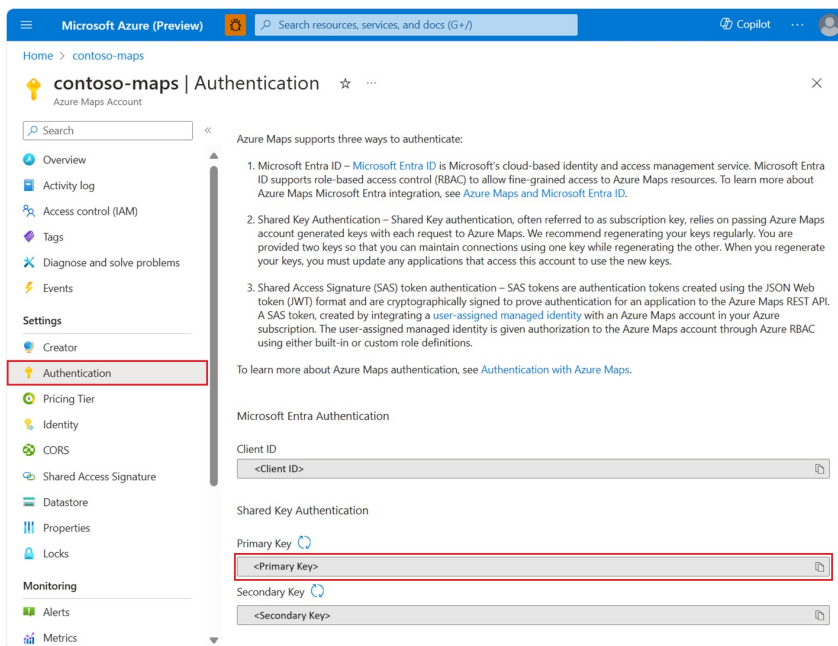
2. Access Your Azure Maps Resource

After logging in, go to **All resources** under Azure Services and click on your Azure Maps account.



3. Locate **Authentication** Settings

In the left-hand menu, under the **Settings** section, click on **Authentication**. Here, you'll find your primary key, which you'll use to connect with WSM.



Entering the API Key into WebStore Manager

Once you've obtained your API key:

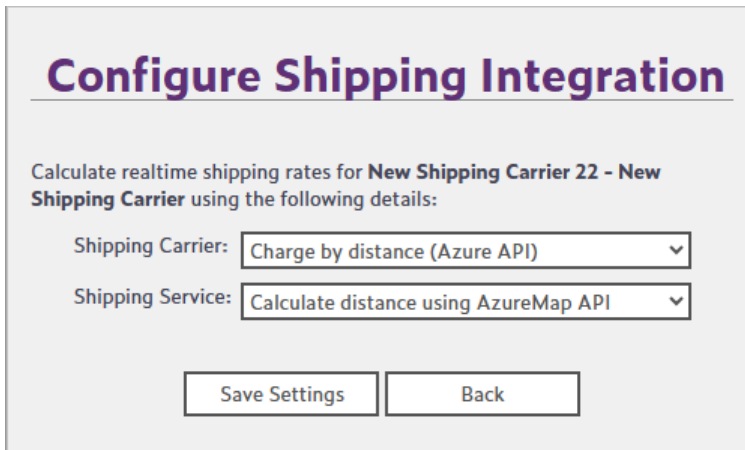
1. Open **WebStore Manager**.
2. Navigate to **All Config Options**.
3. Find the setting **Enable Azure Maps Integration**.
4. Enter your Azure API key in the provided field >Click Save to apply the changes.

To configure a shipping method that calculates delivery rates based on distance using the Azure Maps API, follow these steps:

1. Go to **Fulfillment & Taxes** in the WebStore Manager.
2. **Select the country** where the delivery method applies.
3. In the **Fulfillment Methods** section, locate the shipping method you want to configure.
4. Next to Shipping Integration, click **Change....**
5. In the **Configure Shipping Integration** window that appears:
 - Under **Shipping Carrier**, select **Charge by Distance (Azure API)**.
 - Under **Shipping Service**, select **Calculate Distance Using Azure Maps API**.
6. Click **Save Settings** to apply the integration.

This will enable the selected delivery method to dynamically calculate shipping rates based on the

customer's distance from your store using Azure Maps.



Configure Shipping Integration

Calculate realtime shipping rates for **New Shipping Carrier 22 - New Shipping Carrier** using the following details:

Shipping Carrier: Charge by distance (Azure API) ▼

Shipping Service: Calculate distance using AzureMap API ▼

Save Settings Back

Shipping Rules

When using Azure Maps for distance calculation, you can also set up shipping rules based on how far the delivery address is from your store.

For example:

- Charge different prices based on distance (e.g. \$5 for up to 5 km, \$10 for up to 15 km).

Units of distance

To set the units of distance for your store's shipping options, you can choose between imperial (miles) or metric (kilometers). This setting is available in the WSM under All config options-> **Set Distance Based Shipping Method Units**. The option is called **Set Distance Based Shipping Method Units and Set Bing Distance Based Shipping Method Units**, where you can specify whether Google/Azure will return distances in miles or kilometers based on your preference.
