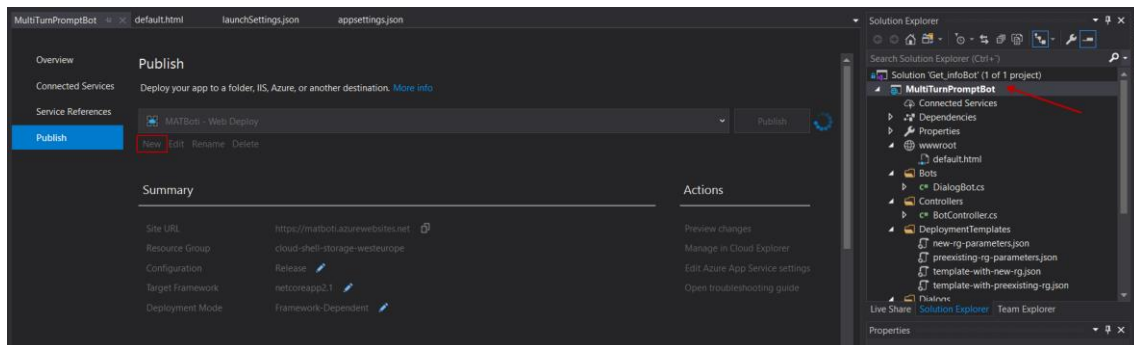


Deploy your bot in Azure

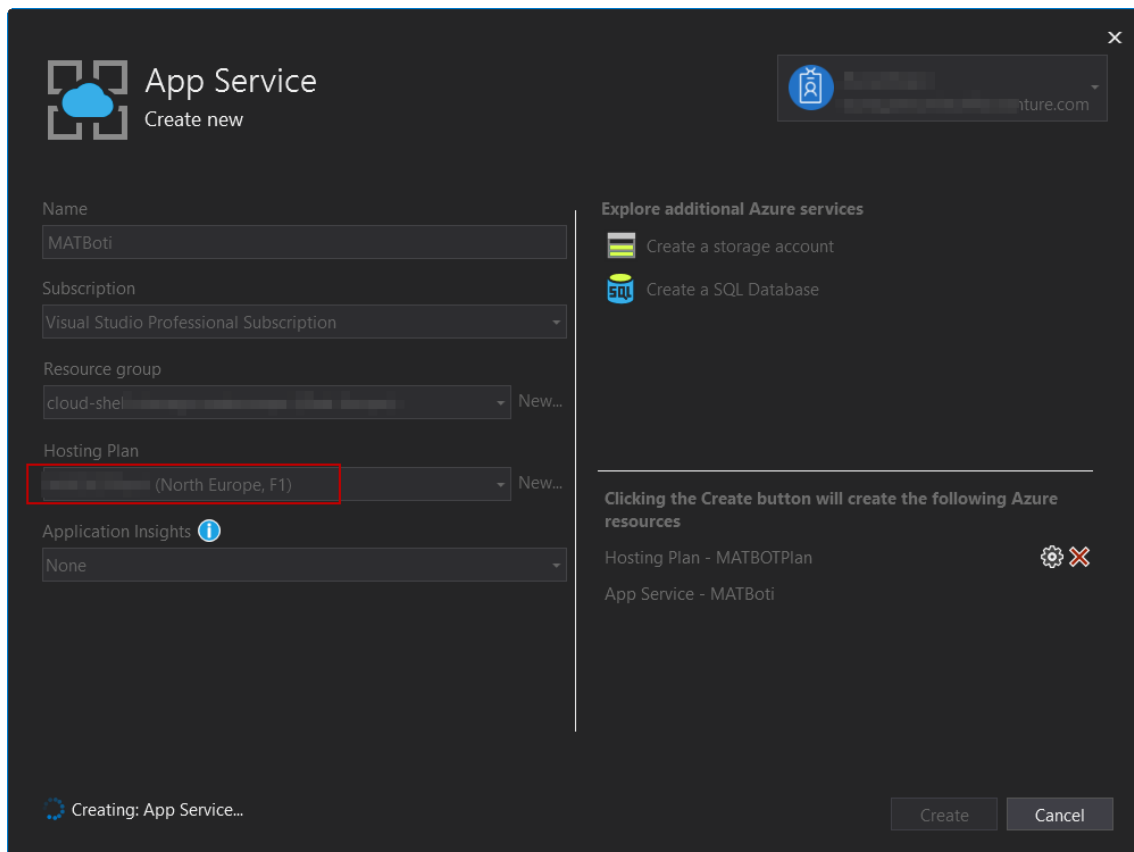
Once you have tested your bot locally (find the procedure in “Test your bot locally.pdf” file) you can follow next step to deploy your bot in Azure. First of all, you should log in with your azure account in Visual Studio.

Step 1: Create an App Service throw Visual Studio.

Click on right button in solution explorer and select publish. Select “New” to create a new App Service in Azure.



You should assign a name to your App Service and choose the subscription throw you want to publish. Create a new resource group and hosting plan. (When you click on “New hosting plan” appears Free option, default option is pay for it). Fill these fields and click on Create.



Check in Azure Portal → App Services that you new App Services created in previous step has been created. In this case, this App Services is MATBoti.

The screenshot shows the 'App Services' page in the Azure Portal. The breadcrumb navigation at the top reads 'Home > App Services'. Below this, the page title 'App Services' is followed by the user name 'pnieto'. A toolbar contains icons for '+ Add', 'Edit columns', 'Refresh', 'Export to CSV', and 'Assign tags'. Below the toolbar are filter buttons: 'Filter by name...', 'Subscription == all', and 'Resource group == all'. The text 'Showing 1 to 2 of 2 records.' is displayed. A table lists the App Services with columns for 'Name' and 'Status'. The first row is 'ChatProactivo' with status 'Running'. The second row is 'MATBoti', which is highlighted with a red box, also with status 'Running'.

Name	Status
ChatProactivo	Running
MATBoti	Running

Click on your App Service to see the URL assigned to your resource.

The screenshot shows the 'Overview' page for the 'MATBoti' App Service. The left sidebar contains navigation links: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Security, Deployment, Quickstart, and Deployment slots. The main content area displays various properties: Resource group (cloud-shell-storage-west-europe), Status (Running), Location (North Europe), Subscription (Visual Studio Professional Subscription), and Subscription ID (abad0551-00eb-4a3d-a308-be84f08b1145). On the right, the 'URL' is listed as 'https://matboti.azurewebsites.net', which is highlighted with a red box. Other properties like App Service Plan (MATBOTPlan (F1: Free)), FTP/deployment username, and FTPS hostname are also visible.

Step 2: Register your new application in App Registration menu.

Azure Portal → App Registrations → New Registration

Home > App registrations

App registrations



[+ New registration](#) [Endpoints](#) [Troubleshooting](#) [App registrations \(Legacy\)](#) [Got feedback?](#)

Welcome to the new and improved App registrations (now Generally Available). See what's new and learn more on how it's changed. →

[All applications](#) [Owned applications](#)

Start typing a name or Application ID to filter these results

Display name

	GetInfoBot
	ChatProactive

Choose name of the application and the type of accounts which will have access to your app.

Home > App registrations > Register an application

Register an application

The user-facing display name for this application (this can be changed later).

MATBoti ✓

Supported account types

Who can use this application or access this API?

☐ Accounts in this organizational directory only (pnieto only - Single tenant)

☐ Accounts in any organizational directory (Any Azure AD directory - Multitenant)

☒ Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)

[Help me choose...](#)

Redirect URI (optional)

We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

Web

By proceeding, you agree to the [Microsoft Platform Policies](#)

[Register](#)

Reload App Registrations menu. New app created should be there. Click on it to check App Id which is assigned.

Home > App registrations > MATBoti

MATBoti

Search (Ctrl+/) <<

Overview

Quickstart

Manage

Branding

Authentication

Delete Endpoints

Got a second? We would love your feedback on Microsoft identity platform (previously Azure AD for developer).

Display name : MATBoti

Application (client) ID : 3d3aba...

Directory (tenant) ID : 53ef21...

Object ID : 4e9210...

Scroll down to find Certificates&Secrets. Click on New Client Server. **ATTENTION!** You can only see the next key this time and you need it to future configuration. You should copy and save it in a file with Application Id (previous image). These data will be authentication data to access to our bot.

Home > App registrations > MATBoti - Certificates & secrets

MATBoti - Certificates & secrets

Search (Ctrl+/) <<

Overview

Quickstart

Manage

Branding

Authentication

Certificates & secrets

Token configuration (preview)

API permissions

Expose an API

Owners

Roles and administrators (Previ...

Manifest

Credentials enable applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential).

Certificates

Certificates can be used as secrets to prove the application's identity when requesting a token. Also can be referred to as public keys.

Upload certificate

No certificates have been added for this application.

Thumbprint	Start Date	Expires
------------	------------	---------

Client secrets

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

New client secret

Description	Expires	Value
-------------	---------	-------

No client secrets have been created for this application.

Step 3: Create a Bot Service. In this case our code is deployed in Visual Studio, "Bot Channel Registration" should be created to access it.

Portal Azure → Bot Services → Add

Home > Bot Services

Bot Services

prieto

+ Add Edit columns Refresh Assign tags

Subscriptions: Visual Studio Professional Subscription – Don't see a subscription? [Open Directory + Subscription settings](#)

Filter by name... All resource groups All locations

2 items

Name ↑↓	Type ↑↓	Resource group ↑↓
GetinfoBot	Bot Channels Registration	cloud-shell-storage-west europe
Proactivi	Bot Channels Registration	ProactiveBotResourceGroup

Complete required information to create a Bot. It is important that you remember change Pricing Tier, default value is not free. Messaging endpoint is URL which was assigned in step plus /api/messages at the end.

Home > Bot Services > Bot Service > Bot Channels Registration > Bot Channels Registration > Choose your pricing tier

Bot Channels Registration

Bot Service

Bot handle * ⓘ

MATBoti ✓

Subscription *

Visual Studio Professional Subscript... ▼

Resource group *

ProactiveBotResourceGroup ▼

[Create new](#)

Location *

North Europe ▼

Pricing tier ([View full pricing details](#))

F0 (10K Premium Messages) ▼

Messaging endpoint

tboti.azurewebsites.net/api/messages ✓

Application Insights ⓘ

☒ On ☐ Off

Application Insights Location * ⓘ

East US ▼

Microsoft App ID and password ⓘ

[Create](#) [Automation options](#)

Choose your pricing tier

Browse the available plans

Bot Service Premium Messages pricing includes messages sent/received via the Premium Channels. [Learn more](#) ⓘ

F0 Free	S1 Standard
10K Premium Messages	1K Premium Msgs/Unit
Bot Creation Tools	Bot Creation Tools
Free Standard Chan...	Free Standard Chan...
	99.9% Premium Messages SLA
0.00 FREE	0.42 EUR/1,000 MESSAGES (ESTIMATED)

[Select](#)

In Microsoft App ID and password open the menu and select “Create New”. In this case, the register has done by manual. You can choose automatic option but you have to search keys generated to configurate the access to your bot.

Microsoft App Id and Password values are which ones you copied in step 2.

Home > Bot Services > Bot Service > Bot Channels Registration > Bot Channels Registration > Create Microsoft App ID > Create new Microsoft App ID

Bot Channels Registration

Subscription *

Visual Studio Professional Subscript...

Resource group *

ProactiveBotResourceGroup

Create new

Location *

North Europe

Pricing tier (View full pricing details)

F0 (10K Premium Messages)

Messaging endpoint

https://matboti.azurewebsites.net/a... ✓

Application Insights ⓘ

On Off

Application Insights Location * ⓘ

East US

Microsoft App ID and password ⓘ

Auto create App ID and passw...

Create Automation options

Create Microsoft App ID

Create Microsoft App ID and password

Create New

Auto create App ID and pas...
Automatically create ...

Create new Microsoft App...

Create a new Microsoft App ID and password

Learn how to create a new App Registration
Create App ID in the App Registration Portal

Microsoft App ID *

3d3ab... ✓

Password *

..... ✓

OK

Click on Create.

Step 4: Test your bot throw Teams

To allow access in your new bot you have to change launchsettings.json and appsettings.json files in Visual Studio solution.

default.html DialogBot.cs launchSettings.json appsettings.json*

Schema: http://json.schemastore.org/appsettings

```

1 {
2   "MicrosoftAppId": "3d3ab...",
3   "MicrosoftAppPassword": "...",
4   "LuisAppId": "",
5   "LuisAPIKey": "",
6   "LuisAPIHostName": ""
7 }
```

default.html DialogBot.cs launchSettings.json* appsettings.json*

Schema: http://json.schemastore.org/launchsettings.json

```

1 {
2   "iisSettings": {
3     "windowsAuthentication": true,
4     "anonymousAuthentication": false,
5   },
6   "iisExpress": {
7     "applicationUrl": "http://localhost:58436",
8     "sslPort": 0
9   }
10 }
```

Azure Portal → Bot Services → select created bot. Click on Test in Web Chat.

Home > Bot Services > MATBoti - Test in Web Chat

MATBoti - Test in Web Chat

Bot Channels Registration

Search (Ctrl+/) << Test >> Start over

- Overview
- Activity log
- Access control (IAM)
- Tags
- Bot management**
- Test in Web Chat
- Analytics
- Channels
- Settings
- Speech priming
- Bot Service pricing
- Support + troubleshooting
- New support request

Just now

hi

Just now

Please dime el nombre de la tabla.

Just now

Tabla1 Tabla2 Tabla3

Type your message

Step 5: Connect your bot with teams

Click on Channels and select Microsoft Teams to activate it.





Home > Bot Services > MATBoti - Channels

MATBoti - Channels

Bot Channels Registration

Search (Ctrl+/) << Connect to channels >>

- Overview
- Activity log
- Access control (IAM)
- Tags
- Bot management**
- Test in Web Chat
- Analytics
- Channels
- Settings
- Speech priming
- Bot Service pricing

Name	Health	Published	
 Microsoft Teams	Running	--	Edit 
 Web Chat	Running	--	Edit 

[Get bot embed codes](#)

Add a featured channel

Go to teams and click on new chat, and paste the Microsoft App Id. The name of your bot should appears, click on it and you should be able to send messages to your bot.

