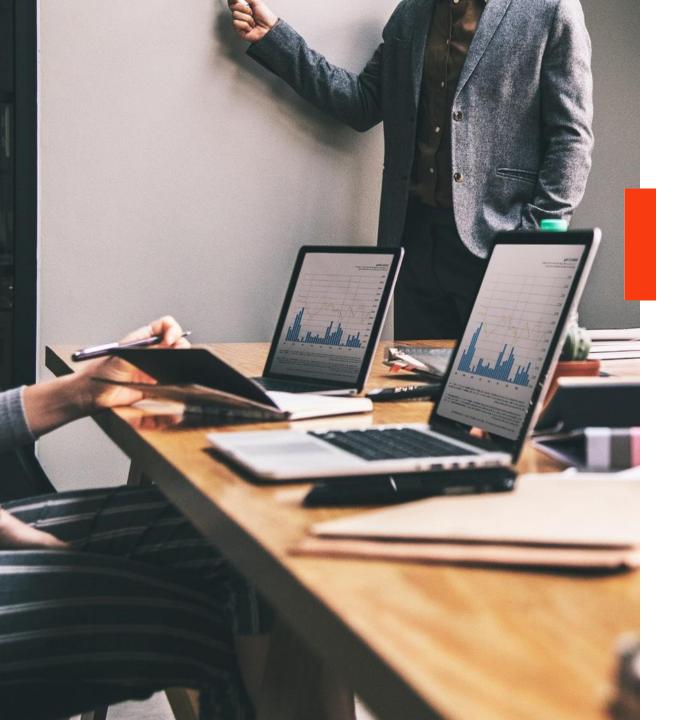
# How to set up the environment



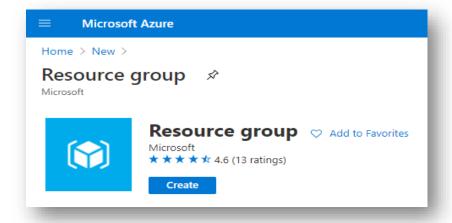


Step 1 – Create Resource Group

#### Step 1 – Create Resource Group

Create a new Resource group resource.

Here you can choose the name for your Resource Group and your region.



Create a resource group	
Basics Tags Review + create	
Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. Learn more 🖸	
Project details	
Subscription * ①	
Resource group * ①	YourResourceGroupName ✓
Resource details	
Region * ①	(Europe) West Europe





Step 2 – Create App Service Plan (OS: Windows) + App Service Web for Back Office

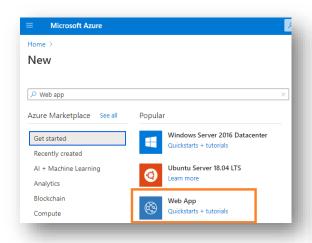
#### Step 2 – Create App Service Plan (OS: Windows) + App Service Web for Back Office

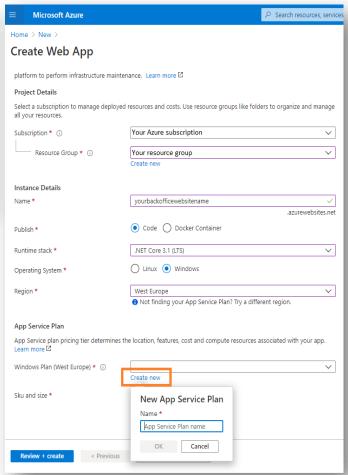
Create a new Web App resource.

Here you can create the Web App for the Back Office, using the created Resource Group.

You will need to choose the website URL name, your own region and with the proper configurations shown in the image on the right.

Moreover, here you will need to create a new Windows App Plan, for your region (also shown in the image on the right).



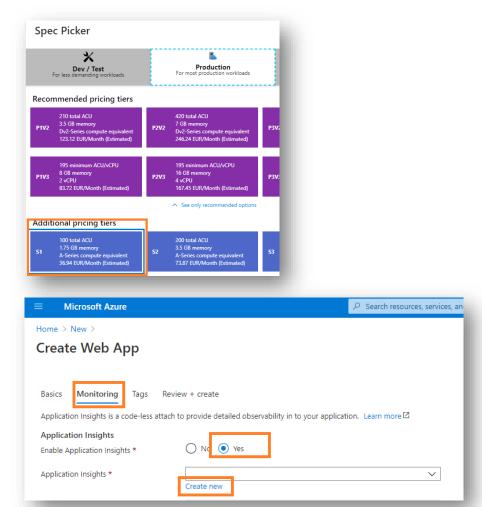




#### Step 2 – Create App Service Plan (OS: Windows) + App Service Web for Back Office

After you create your Windows App service plan, you will need to choose the "Sku and size". We recommend the "Production – S1" plan.

After clicking "Review + Create", go to the "Monitor tab" and choose to use Application Insights. Create a new one.





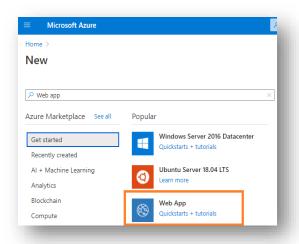


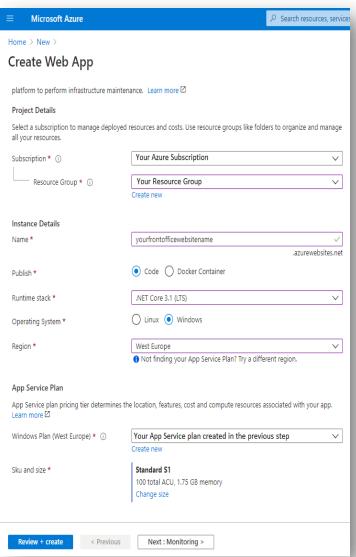
Step 3 – Create App Service Web for Front Office using the created App plan

### Step 3 – Create App Service Web for Front Office using the created App plan

Here you can create the Web App for the Front Office, using the created Resource Group and the App Service plan created in the previous step. You can also choose the name for your Front Office website, as well as the desired region.

All the other configurations can be seen in the image on the right.

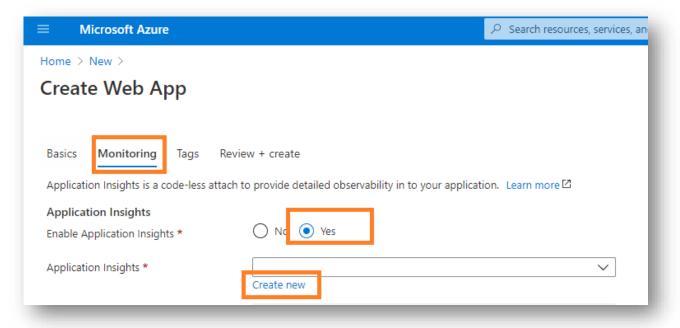






## Step 3 – Create App Service Web for Front Office using the created App plan

In the same way you created an Application Insights for the Back Office, create one for the Front Office.







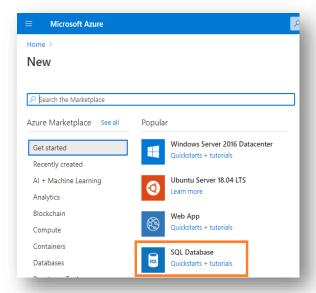
Step 4 - Create SQL Server + Database

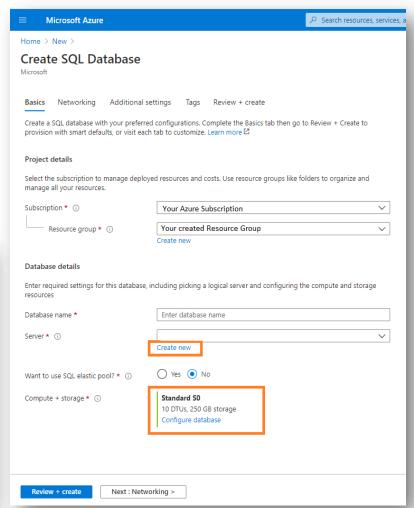
#### Step 4 - Create SQL Server + Database

Create a new SQL Database resource.

Here, you can choose the name and region for your SQL Database. You will also need to create the SQL Server associated to the Database (shown in image on the right).

We recommend that you use the "Standard SO" Plan.

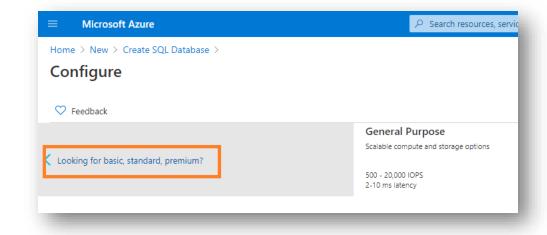


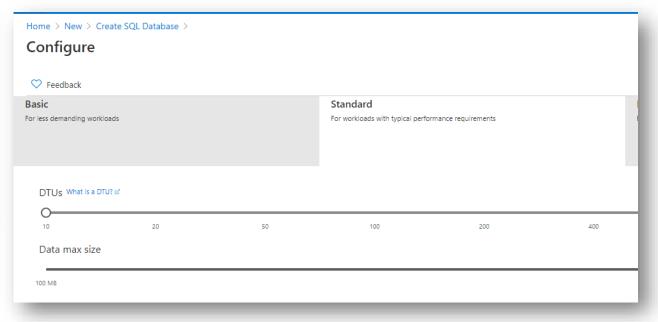




### Step 4 - Create SQL Server + Database

Choose "Standard SO" Plan.



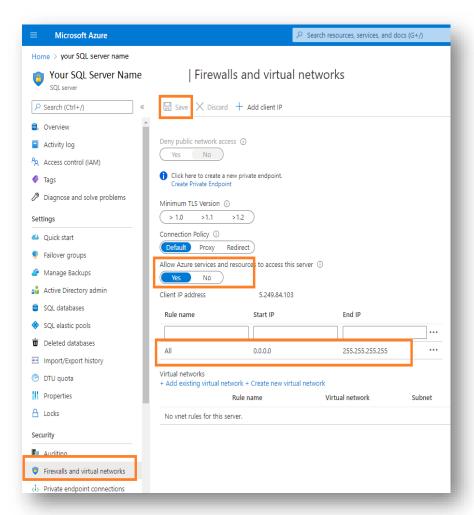




#### Step 4 - Create SQL Server + Database

After creating both SQL Server and Database, go to your SQL Server page.

Make sure your "Firewalls and virtual networks" are configured like in the image below. Later, after PowerBI Portal installation, you will be able to restrict this settings, if needed.





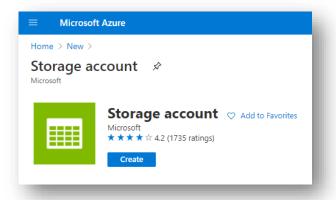


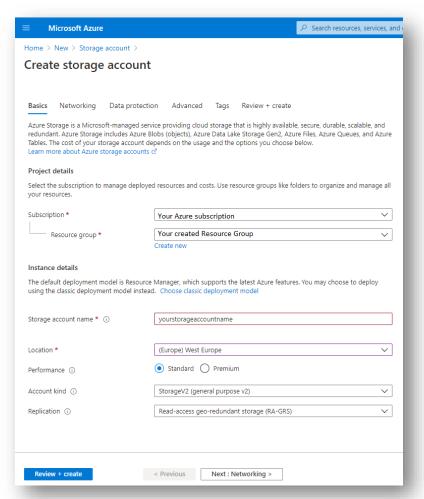
Step 5 – Create Azure Storage Account

#### Step 5 - Create Azure Storage Account

Create a new Storage account resource.

Use the same Azure subscription you used before, as well as the Resource Group. You can find the rest of the configurations needed in the image below.









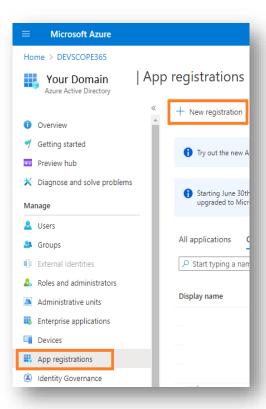
Step 6 – Create Azure AD App Registration for both Back Office and Front Office websites

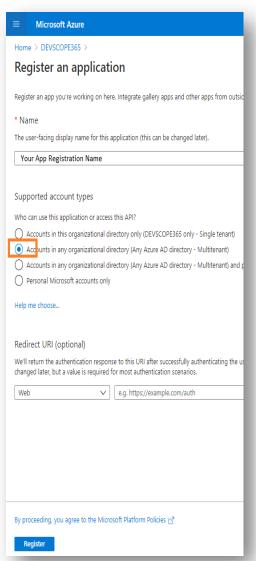
#### Step 6 – Create Azure AD App Registration for both Back Office and Front Office websites

Go to Azure Activate Directory and select "App Registrations".

Choose your App Registration name and select "Azure AD

directory – Multitenant".

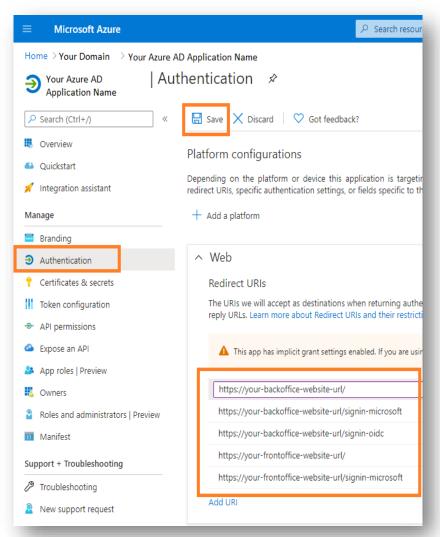






Step 6 – Create Azure AD App Registration for both Back Office and Front Office websites

After registering the Azure AD App, you will need to define your redirect URLs in it, to successfully login into your PowerBI Portal Back Office and Front Office.



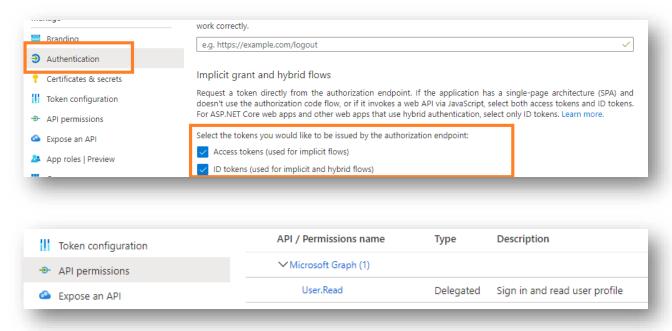


#### Step 6 – Create Azure AD App Registration for both Back Office and Front Office websites

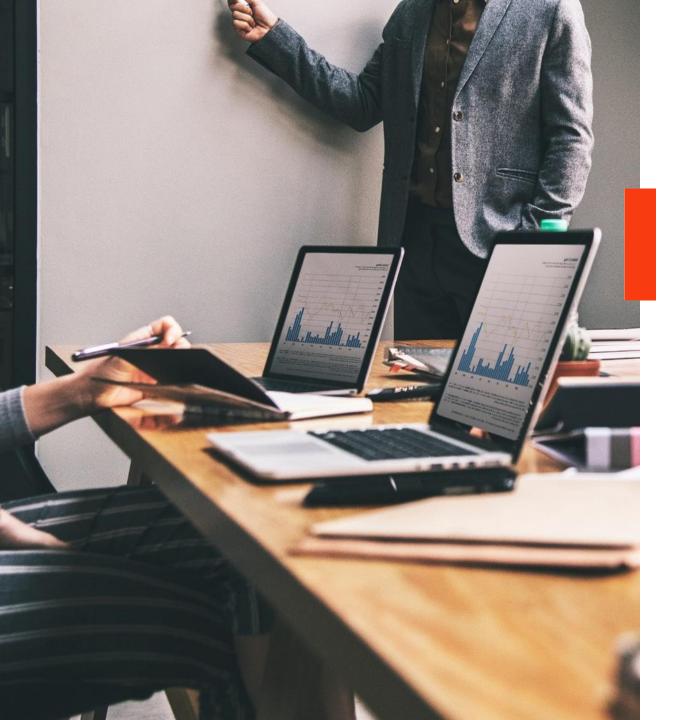
Also, select both tokens allowed for authentication (see in image below).

Moreover, set API permissions like shown in the image

below:







Step 7 – Create Azure AD App Registration to access Power BI resources

### Step 7 – Create Azure AD App Registration to access Power BI resources

Create another App Registration. Repeat the previous step, chose a different name for your second App Registration and, for the authentication, type the redirect URLs shown in the image on the right.

#### API permissions:

