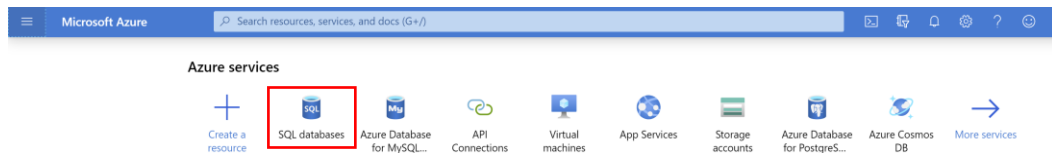# Azure Tutorial

This document will help you configure an instance of the Azure SQL Database and API App through the Azure portal.

Azure SQL Database

Prior to deploying the SQL Database, we will use the Azure portal to create an Azure SQL Database single database.

1. From your azure portal homepage, select SQL databases.

2. On the top left corner, select **Add** to create a new SQL database.

3. On the **Basics** tab of the Create SQL database form, select the correct Azure Subscription if it is not already selected.

4. Under Resource group, select the resource group you created under the Azure Face API Service section above.

5. Input your desired name for the database.

6. For the server field, select **Create New**, and fill out the New server form. Ensure that the location is set to East US.

7. For Compute + Storage, if you wish to reconfigure the defaults, select **Configure database**.

8. Select **Next: Networking** at the bottom of the page.

Create SQL Database
Microsoft

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ | Azure subscription 1   ⌄ |

     Resource group * ⓘ | Healthcar   ⌄ |
                                    Create new

Database details

Enter required settings for this database, including picking a logical server and configuring the compute and storage resources

Database name * | HealthcarDB   ✓ |

Server ⓘ | (new) healthcarserver (East US)   ⌄ |
                            Create new

Want to use SQL elastic pool? * ⓘ   ◯ Yes ⦿ No

Compute + storage * ⓘ   **Standard S0**
                            10 DTUs, 250 GB storage
                            Configure database

[Review + create]   [Next : Networking >]

9. On the Networking tab, under Connectivity method, select **Public endpoint**.

10. Under Firewall rules, set **Add current client IP address** to **Yes**.

11. Select Next: **Additional settings** at the bottom of the page.

Create SQL Database
Microsoft

Basics | **Networking** | Additional settings | Tags | Review + create

Configure network access and connectivity for your server. The configuration selected below will apply to the selected server 'healthcarserver' and all databases it manages. Learn more ⧉

Network connectivity

Choose an option for configuring connectivity to your server via public endpoint or private endpoint. Choosing no access creates with defaults and you can configure connection method after server creation. Learn more ⧉

Connectivity method * ⓘ   ◯ No access
                            ⦿ Public endpoint
                            ◯ Private endpoint

Firewall rules

Setting 'Allow Azure services and resources to access this server' to Yes allows communications from all resources inside the Azure boundary, that may or may not be part of your subscription. Learn more ⧉
Setting 'Add current client IP address' to Yes will add an entry for your client IP address to the server firewall.

Allow Azure services and resources to   [**No**   Yes]
access this server *

Add current client IP address *   [No   **Yes**]

[Review + create]   [< Previous]   [Next : Additional settings >]
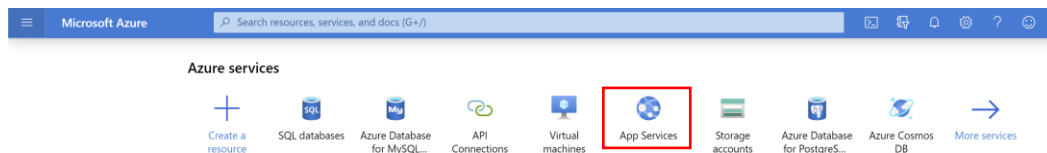
12. On the Additional settings tab, keep the default settings.

13. Select **Review + Create** to review your settings.

14. Select **Create**.

Azure API App Services

Prior to deploying the service layer, we will use the Azure portal to create an Azure Web App.

1. From your azure portal homepage, select App Services.

2. On the top left corner, select **Add** to create a new Web App.

3. On the **Basics** tab of the Web App form, select the correct Azure Subscription if it is not already selected.

4. Under Resource group, select the resource group you created under the Azure Face API Service section above.

5. Input your desired name for the Web App.

6. Ensure that Publish is set to **Code**.

7. For the Runtime stack field, select Tomcat 9.0 under Java 8.
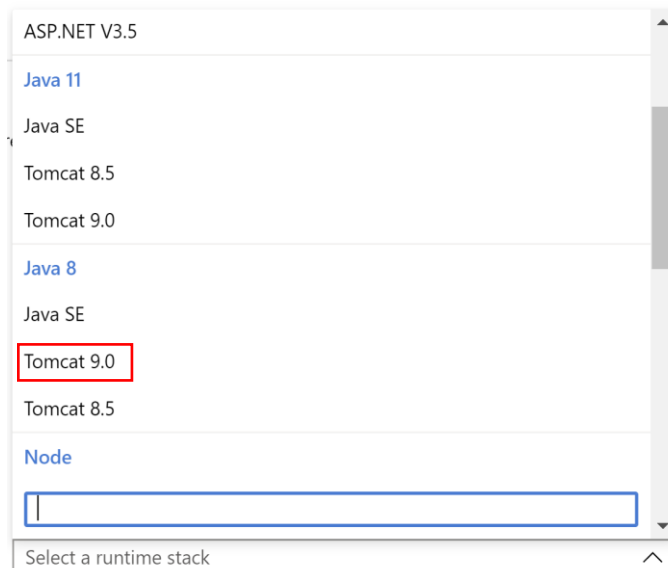
8. Ensure that the Operating System is set to **Linux**.

9. Set the Region to East US.

10. You may change the SKU and size by clicking on **Change size**.

   Note: The F1 core for Linux is free.

15. Select **Review + Create** to review your settings.

Web App

any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. Learn more [↗]

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ | Azure subscription 1   ∨ |

  ⌐ Resource Group * ⓘ | Healthcar   ∨ |
                                       Create new

Instance Details

Name * | Web App name. |
                                                                      .azurewebsites.net

Publish *   (**Code** Docker Container)

Runtime stack * | Tomcat 9.0   ∨ |

Operating System *   (**Linux** Windows)

Region * | East US   ∨ |
                                   ⓘ Not finding your App Service Plan? Try a different region.

App Service Plan

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. Learn more [↗]

Linux Plan (East US) * ⓘ | (New) ASP-Healthcar-a147   ∨ |
                                   Create new

Sku and size *   **Free F1**
                                   1 GB memory
                                   Change size

[**Review + create**] [< Previous] [Next : Monitoring >]

16. Select **Create**.