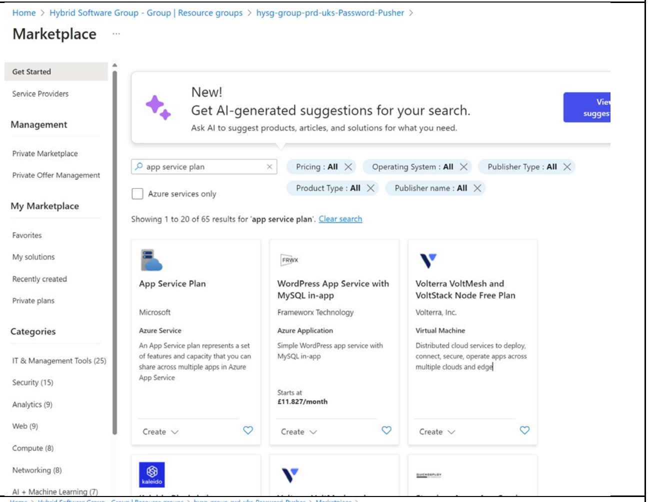
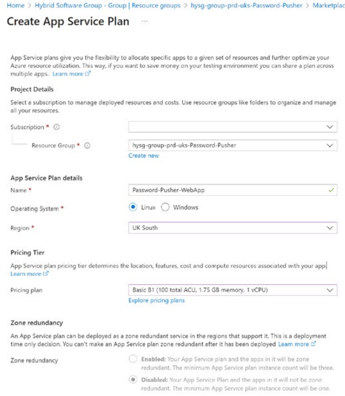
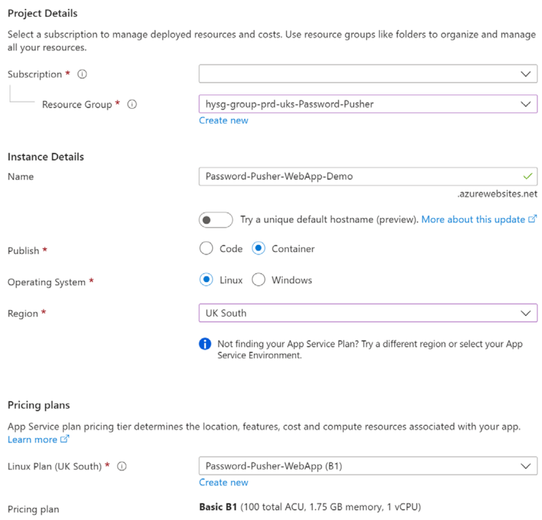
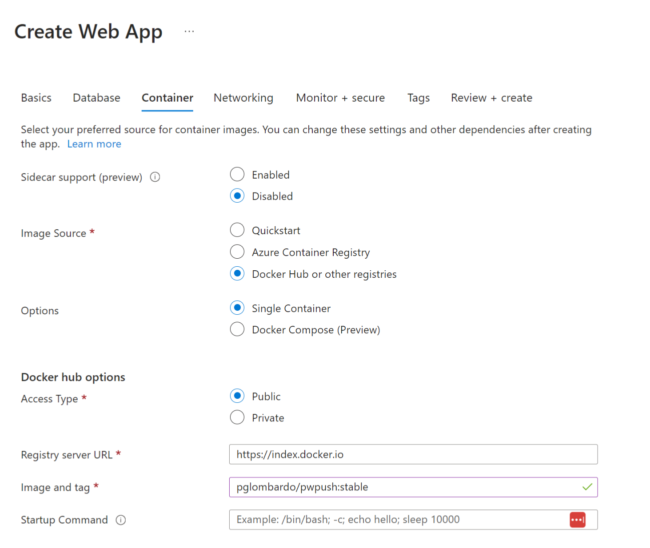
Basic Install	
Create a new **Resource Group** to keep you components organised.	
Create an **App Service Plan** from the Azure market place and place inside your Resource group	 Home > Hybrid Software Group - Group | Resource groups > hysg-group-prd-uks-Password-Pusher > Marketplace ··· Get Started Service Providers Management Private Marketplace Private Offer Management My Marketplace Favorites My solutions Recently created Private plans Categories IT & Management Tools (25) Security (15) Analytics (9) Web (9) Compute (8) Networking (8) AI + Machine Learning (7) Vie sugges New! Get AI-generated suggestions for your search. Ask AI to suggest products, articles, and solutions for what you need. app service plan Pricing : **All** Operating System : **All** Publisher Type : **All** Product Type : **All** Publisher name : **All** □ Azure services only Showing 1 to 20 of 65 results for '**app service plan**'. Clear search App Service Plan Microsoft **Azure Service** An App Service plan represents a set of features and capacity that you can share across multiple apps in Azure App Service Create WordPress App Service with MySQL in-app Frameworx Technology **Azure Application** Simple WordPress app service with MySQL in-app Starts at **£11.827/month** Create Volterra VoltMesh and VoltStack Node Free Plan Volterra, Inc. **Virtual Machine** Distributed cloud services to deploy, connect, secure, operate apps across multiple clouds and edge Create
Select **Linux** as the operating system and choose the most appropriate pricing tier. We find the B1 works for a POC and light production usage but you can always increase the tier in the future for better performance.	 Home > Hybrid Software Group - Group | Resource groups > hysg-group-prd-uks-Password-Pusher > Marketplace > Create App Service Plan ··· App Service plans give you the flexibility to allocate specific apps to a given set of resources and further optimize your Azure resource utilization. This way, if you want to save money on your testing environment you can share a plan across multiple apps. 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 * Resource Group * hysg-group-prd-uks-Password-Pusher Create new **App Service Plan details** Name * Password-Pusher-WebApp Operating System * ● Linux ○ Windows Region * UK South **Pricing Tier** App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. Learn more Pricing plan Basic B1 (100 total ACU, 1.75 GB memory, 1 vCPU) Explore pricing plans **Zone redundancy** An App Service plan can be deployed as a zone redundant service in the regions that support it. This is a deployment time only decision. You can't make an App Service plan zone redundant after it has been deployed Learn more Zone redundancy ○ **Enabled:** Your App Service plan and the apps in it will be zone redundant. The minimum App Service plan instance count will be three. ● **Disabled:** Your App Service Plan and the apps in it will not be zone redundant. The minimum App Service plan instance count will be one.
Now create a **Web App** from the Azure market place. **<u>Basic tab</u>** - Place your webapp in the same **resource group** as your App Service Plan you created earlier. - You need to enter a globally unique value for name (but you can change later to use your own domain name) - Select Container as the publish type - Select Linux as the OS type. - Choose the same region as your App Service plan above. - Select your App Service plan you created earlier to run this webapp.	 **Project Details** Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources. Subscription * Resource Group * hysg-group-prd-uks-Password-Pusher Create new **Instance Details** Name Password-Pusher-WebApp-Demo .azurewebsites.net Try a unique default hostname (preview). More about this update Publish * ○ Code ● Container Operating System * ● Linux ○ Windows Region * UK South Not finding your App Service Plan? Try a different region or select your App Service Environment. **Pricing plans** App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. Learn more Linux Plan (UK South) * Password-Pusher-WebApp (B1) Create new Pricing plan **Basic B1** (100 total ACU, 1.75 GB memory, 1 vCPU)

Database tab

Don’t worry about creating a database here. Although you will want to create a database for password persistence you do not want to create a webapp database

Container Tab

- From the *Image source options* Select **Docker Hub or other Registries**
- From the “Options” select **Single container**
- Enter https://index.docker.io inside the *registry server URL*
- Enter **pglombardo/pwpush:stable** inside the *image and tag*
- Leave startup command blank.



Create Web App ···

Select your preferred source for container images. You can change these settings and other dependencies after creating the app. Learn more

Sidecar support (preview) ⓘ: ○ Enabled ● Disabled

Image Source *: ○ Quickstart ○ Azure Container Registry ● Docker Hub or other registries

Options: ● Single Container ○ Docker Compose (Preview)

Docker hub options

Access Type *: ● Public ○ Private

Registry server URL *: https://index.docker.io

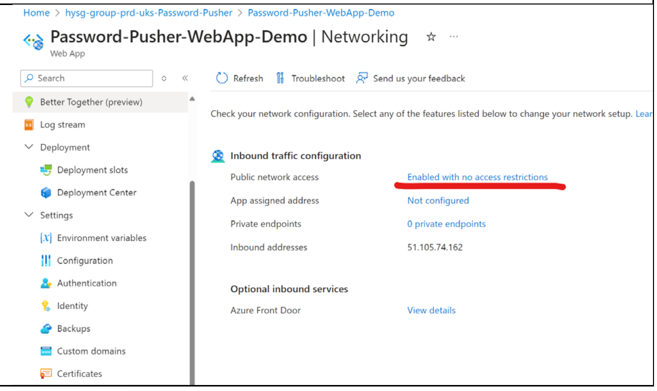
Image and tag *: pglombardo/pwpush:stable ✓

Startup Command ⓘ: Example: /bin/bash; -c; echo hello; sleep 10000

All other Tabs

No Further configuration on other tabs is required. You should configure these as you see necessary and when satisfied click **Create** and wait for deployment to complete. Your Webapp will start automatically.

Open the **Web App** and from the **networking** Tab Enable **“Public network Access”**



Home > hysg-group-prd-uks-Password-Pusher > Password-Pusher-WebApp-Demo

Password-Pusher-WebApp-Demo | Networking ☆ ···

Web App

Check your network configuration. Select any of the features listed below to change your network setup. Lear

Inbound traffic configuration

Public network access	Enabled with no access restrictions
App assigned address	Not configured
Private endpoints	0 private endpoints
Inbound addresses	51.105.74.162

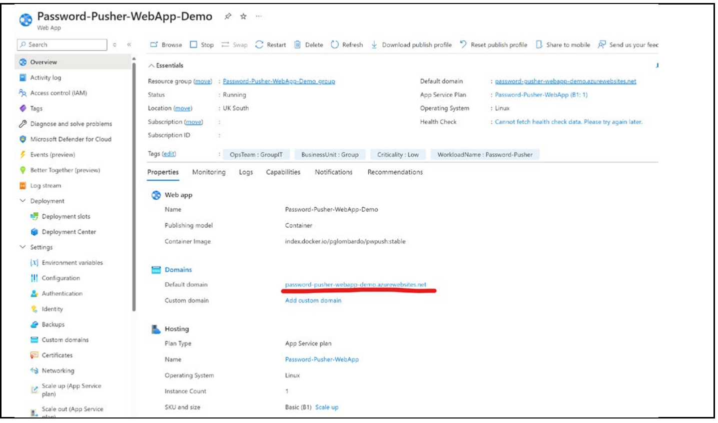
Optional inbound services

Azure Front Door	View details

Visit the default domain associated with your Webapp. And you should see the Password Pusher website load correctly.

It cant take a few minutes to load.

Success!



Resource group (move) : Password-Pusher-WebApp-Demo_group
Status : Running
Location (move) : UK South
Subscription (move) :
Subscription ID :
Default domain : password-pusher-webapp-demo.azurewebsites.net
App Service Plan : Password-Pusher-WebApp (B1: 1)
Operating System : Linux
Health Check : Cannot fetch health check data. Please try again later.
Tags (edit) : OpsTeam : GroupIT | BusinessUnit : Group | Criticality : Low | WorkloadName : Password-Pusher

Web app
Name Password-Pusher-WebApp-Demo
Publishing model Container
Container Image index.docker.io/pglombardo/pwpush:stable

Domains
Default domain password-pusher-webapp-demo.azurewebsites.net
Custom domain Add custom domain

Hosting
Plan Type App Service plan
Name Password-Pusher-WebApp
Operating System Linux
Instance Count 1
SKU and size Basic (B1) Scale up

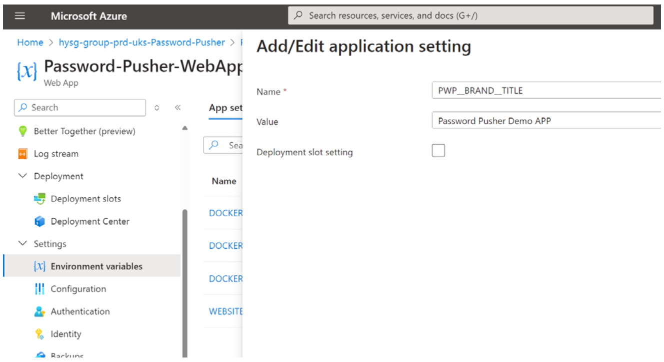
Customizations including database for persistent storage across reboots.

Use the **Environment Variable** tab within the Web App to customise the docker image upon each startup.

A full list of customisations which can be implemented can be seen inside this file.

[PasswordPusher/config/settings.yml at master · pglombardo/PasswordPusher · GitHub]()

A restart of the Web app is required for the customisations to take effect.



Add/Edit application setting

Name * PWP__BRAND__TITLE
Value Password Pusher Demo APP
Deployment slot setting □

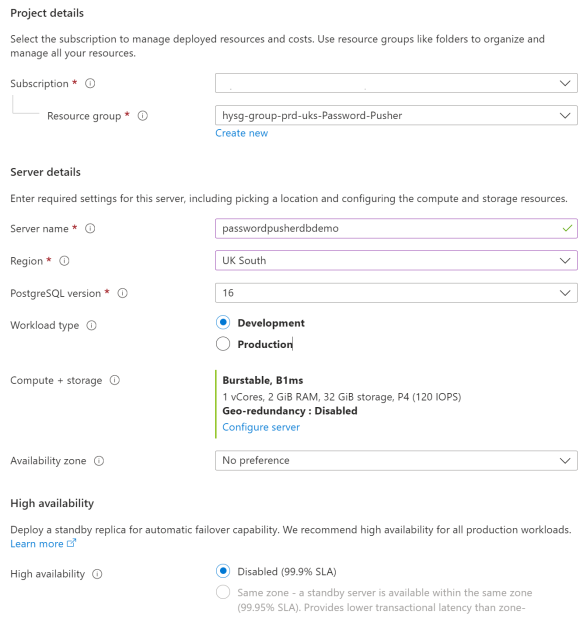
Example...
Changing the name of the Application by adding **PWP__BRAND__TITLE**

Database creation for Persistent Storage of passwords

Create an **Azure Database for PostgreSQL** from the Azure Market Place (other supported databases are available)

Basics Tab

- Make sure the database is in the same **resource group** and **region** as your Webapp
- PostgreSQL Version should be set to latest (16 at time of writing)
- Choose a Name for your database and the compute and Storage necessary to run your database based on your usage. The platform is light weight and will run on the Development burstable B1ms type if this meets you needs.
- For Authentication Select **PostgreSQL authentication only** and enter a secure username and password *(Do not use @%^#_: in your password)*



Project details

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

Subscription * ⓘ

Resource group * ⓘ hysg-group-prd-uks-Password-Pusher

Create new

Server details

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

Server name * ⓘ passwordpusherdbdemo ✓

Region * ⓘ UK South

PostgreSQL version * ⓘ 16

Workload type ⓘ ● Development ○ Production

Compute + storage ⓘ **Burstable, B1ms**
1 vCores, 2 GiB RAM, 32 GiB storage, P4 (120 IOPS)
Geo-redundancy : Disabled
Configure server

Availability zone ⓘ No preference

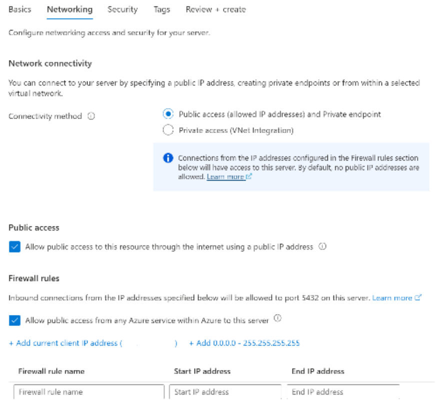
High availability

Deploy a standby replica for automatic failover capability. We recommend high availability for all production workloads. Learn more

High availability ⓘ ● Disabled (99.9% SLA)
○ Same zone - a standby server is available within the same zone (99.95% SLA). Provides lower transactional latency than zone-

Networking Tab

Your Web App needs to communicate with your DB instance. Set your connectivity method so that this is possible. For the Demo we have checked **Public Access (allowed IP addresses and private endpoints.)** AND **Allow public access from any Azure services within Azure to this server.**



Configure networking access and security for your server.

Network connectivity

You can connect to your server by specifying a public IP address, creating private endpoints or from within a selected virtual network.

Connectivity method ⓘ ● Public access (allowed IP addresses) and Private endpoint
○ Private access (VNet Integration)

Connections from the IP addresses configured in the Firewall rules section below will have access to this server. By default, no public IP addresses are allowed. Learn more

Public access

☑ Allow public access to this resource through the internet using a public IP address ⓘ

Firewall rules

Inbound connections from the IP addresses specified below will be allowed to port 5432 on this server. Learn more

☑ Allow public access from any Azure service within Azure to this server ⓘ

+ Add current client IP address (   )   + Add 0.0.0.0 - 255.255.255.255

Firewall rule name	Start IP address	End IP address
Firewall rule name	Start IP address	End IP address

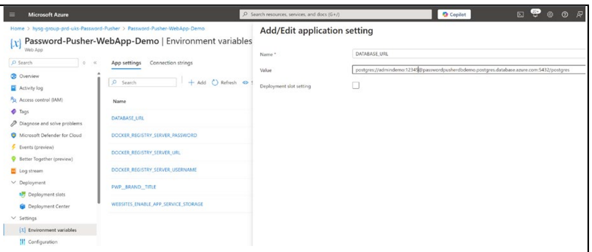
All Other Tabs

No further settings are required and are optional based upon your setup.

Click Review + Create to create your database

When you database server has finished provisioning open the resource and take note of the

- DB Server name

Go back to your Web App and Within the **“Environment Variables”** enter the following variable
 	
Name = DATABASE_URL
Value = postgres:// **dbadminusername**:**dbadminpassword**@ **dbservername**:5432/dbname
 	
Example “postgres://admindemo:12345@passwordpusherdbdemo.postgres.database.azure.com:5432/postgres”
	 Microsoft Azure
	Search resources, services, and docs (G+/)
	Copilot
	Home > hysg-group-prd-uks-Password-Pusher > Password-Pusher-WebApp-Demo
	Web App
	Search
	Overview
	Activity log
	Access control (IAM)
	Tags
	Diagnose and solve problems
	Microsoft Defender for Cloud
	Events (preview)
	Better Together (preview)
	Log stream
	Deployment
	Deployment slots
	Deployment Center
	Settings
	Environment variables
	Configuration
	App settings
	Connection strings
	Search
	Add
	Refresh
	Password-Pusher-WebApp-Demo | Environment variables
	Name
	DATABASE_URL
	DOCKER_REGISTRY_SERVER_PASSWORD
	DOCKER_REGISTRY_SERVER_URL
	DOCKER_REGISTRY_SERVER_USERNAME
	PWP__BRAND__TITLE
	WEBSITES_ENABLE_APP_SERVICE_STORAGE
	Add/Edit application setting
	Name * DATABASE_URL
	Value postgres://admindemo:12345@passwordpusherdbdemo.postgres.database.azure.com:5432/postgres
	Deployment slot setting ☐

Start / Restart the Web App for the environment variable to take effect. The easiest way to make sure the database is working as designed is to create a password on the site, Stop and Start the Web App and then attempt to load your password using the secret link. If the password loads then the value was stored in the database and not the container database.	

Troubleshooting

If at any point you want to see why the docker image is failing to load you can do so by visiting the **logs** options which can be found inside the Web App > Deployment Center.