

Create Azure Web App and PostgreSQL Flexible Server in Resource Group "JDW"

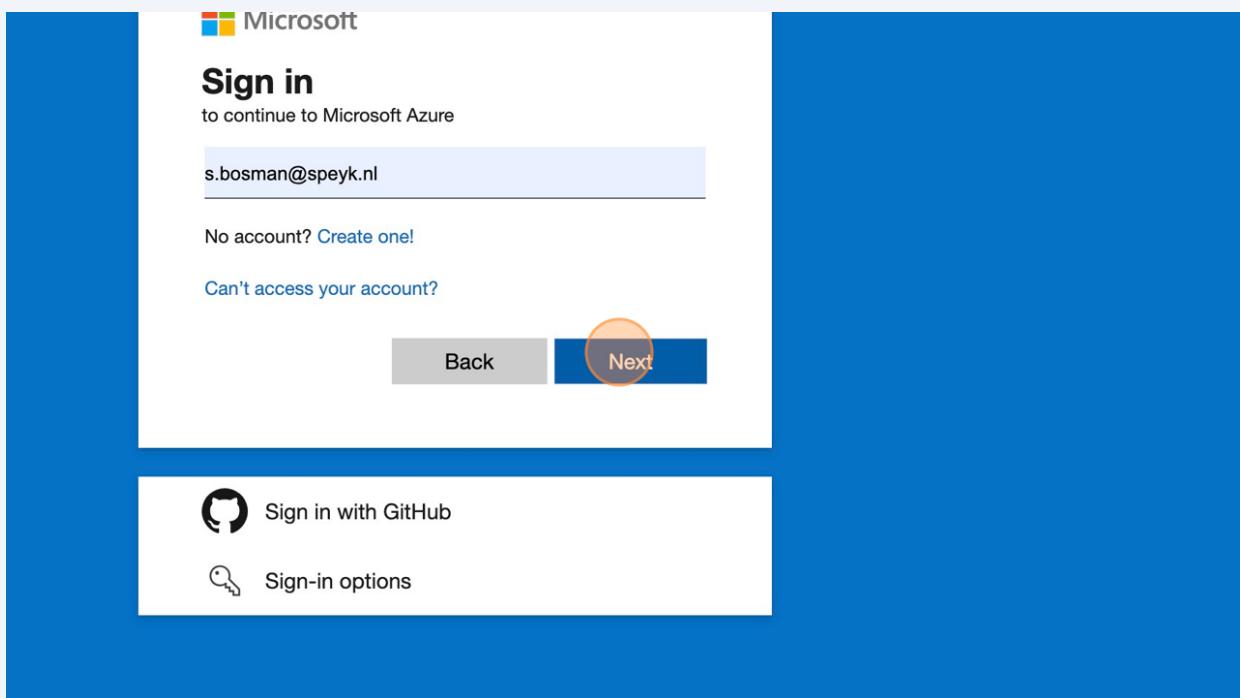
Scribe 

1

Navigate to https://login.microsoftonline.com/organizations/oauth2/v2.0/authOrize?redirect_uri=https%3A%2F%2Fportal.azure.com%2Fsignin%2Findex%2F&response_type=code%20id_token&scope=https%3A%2F%2Fmanagement.core.windows.net%2Fuser_impersonation%20openid%20email%20profile&state=OpenIdConnect.AuthenticationProperties%3D8NnSqkzxHr4kdFbac6EcE10z0BS2etwV7HJSb_9wsnUbQke2LTABqJc-pIHQnnZis9K1LOT9sDj2qIldV5mHmKLt3E5mLGSLR3xqduheWMrcISNp7Swmlt3A0mDjb83YqLZDgQSyc6sHzE6-jBpCWm4f7FCiiS0juyG7RjpAj3EndnuV684TpPxCS2P-IHO&response_mode=form_post&nonce=638415180985645995.YzdiZWEyMmEtMTJjYi00N2ZILWExOGYtNWRmNDhkZTc4MmQyMzQxMjE5ZmYtN2JjYi00YzNhLTliYzgtYjVjMzc3MTg5ODU5&client_id=c44b4083-3bb0-49c1-b47d-974e53cbdf3c&site_id=501430&prompt=select_account&client-request-id=d68b0331-da22-42e2-84cc-e75cd74181dd&x-client-SKU=ID_NET472&x-client-ver=6.34.0.0

2

Login with your credentials



3 Click here.

The screenshot shows the Microsoft Azure home page. At the top, there's a search bar with the placeholder "Search resources, services, and docs (G+ /)". Below the search bar is a section titled "Azure services" with several icons: "Create a resource" (a plus sign), "Resource groups" (an orange circle with a monitor icon), "Subscriptions" (a key icon), "Microsoft Entra ID" (a blue hexagon icon), "Immersive readers" (a computer monitor icon), and "Virtual network" (a network icon). The "Resource groups" icon is highlighted with a white box. Below this is a section titled "Resources" with tabs for "Recent" and "Favorite". Under "Recent", there's a table with four rows:

Name	Type
ASP-Groeiplein-887e	App Service plan
groeiplein-amsterdam-server	Azure Database for
groeiplein-amsterdam	Application Insight

There's also a row for "spevkdev" which is an App Service.

4 Click here.

The screenshot shows the Microsoft Azure "Resource groups" page. At the top, there's a search bar with the placeholder "Search resources, services, and docs (G+ /)". Below the search bar is a breadcrumb navigation "Home >". The main title is "Resource groups" with a "Create" button (highlighted with an orange circle) and a "Manage view" dropdown. Below the title, it says "SPEYK (speykcloud.onmicrosoft.com)". There are buttons for "Refresh", "Export to CSV", "Open query", and "Assign tags". At the bottom of the page, there are filter options: "Filter for any field...", "Subscription equals 2 of 3 selected", "Location equals all", and "Add filter". The main content area shows a list of 13 resource groups, each with a checkbox and a small icon:

- AzureBackupRG_westeurope_1
- cloud-shell-storage-westeurope
- DefaultResourceGroup-EUS
- DefaultResourceGroup-EUS
- DefaultResourceGroup-NEU
- DefaultResourceGroup-WEU

- 5 Click the "Resource group" field.

The screenshot shows the 'Basics' tab selected in the Azure portal. Under 'Project details', the 'Subscription' dropdown is set to 'DIS Services'. The 'Resource group' input field is highlighted with an orange circle, indicating it is the target for step 5. Under 'Resource details', the 'Region' dropdown is set to '(US) East US'.

- 6 Type "JDW"

7 Click "(US) East US"

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 * ⓘ

DIS Services

Resource group * ⓘ

JDW

Resource details

Region * ⓘ

(US) East US

8 Type "wes"

9 Click "(Europe) West Europe"

Resource group

Resource details

Region *

Recommended

(US) West US 2
(US) West US 3
(Europe) West Europe
(Europe) Germany West Central

Other

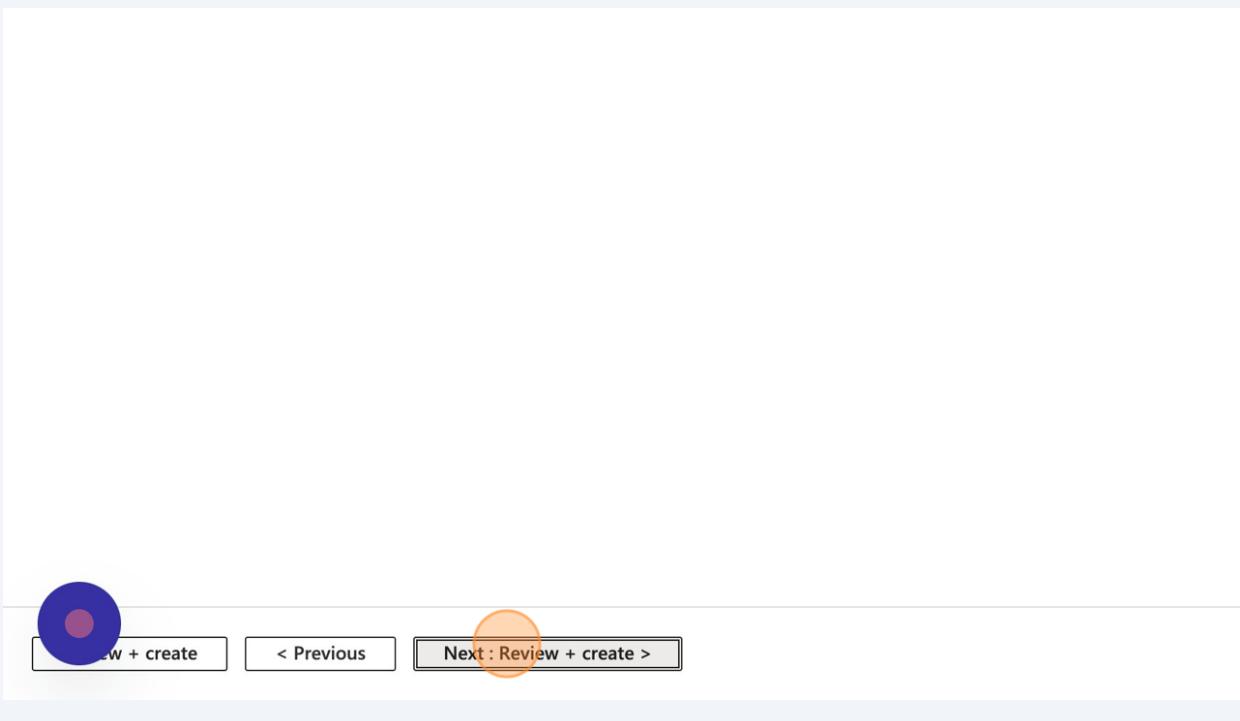
(US) West US
(Asia Pacific) Japan West
(US) West Central US
(Asia Pacific) West India
(Europe) UK West

10 Click "Next : Tags >"

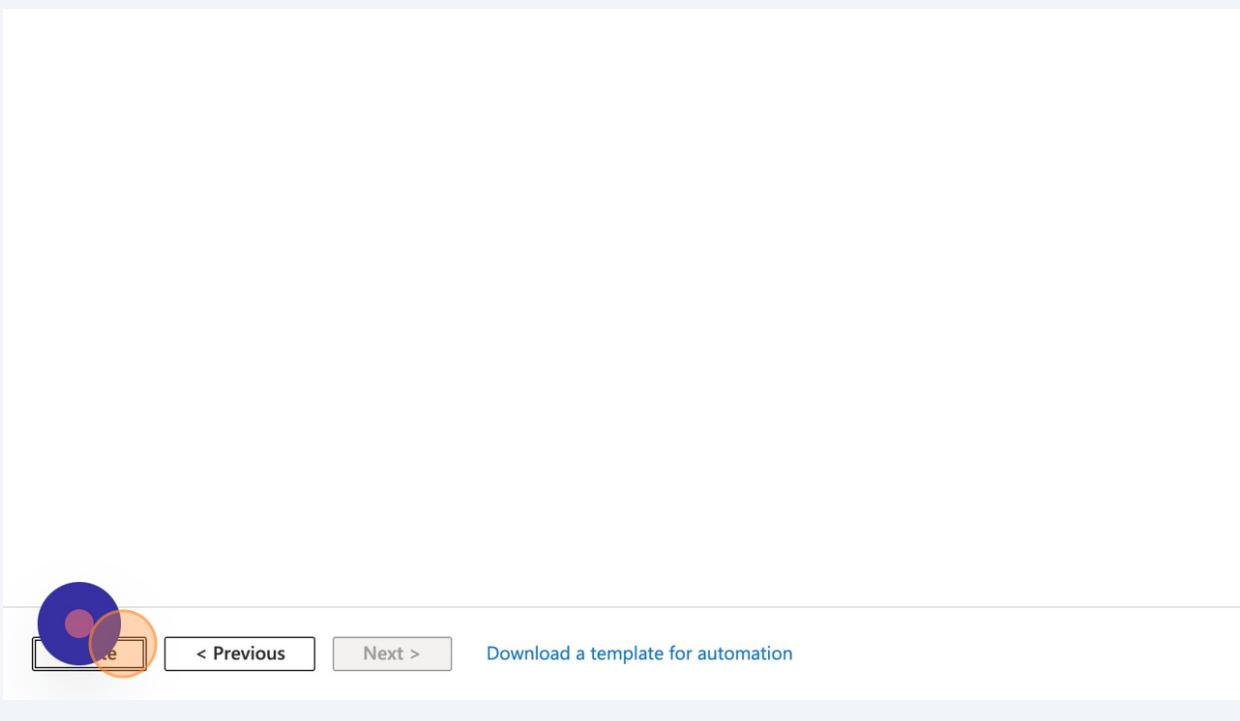
New + create

Next : Tags >

11 Click "Next : Review + create >"



12 Click here.



13 Click "Go to resource group"

A screenshot of the Azure portal interface. At the top right, there is a user profile with the email s.bosman@speyk.nl and the name SPEYK (SPEYK CLOUD.ONMICROS...). Below the header, a modal window displays a green checkmark icon and the text "Resource group created". It also states "Creating resource group 'JDW' in subscription 'DIS Services' succeeded." Two buttons are visible at the bottom of the modal: "Go to resource gr..." and "Pin to dashbo...". The main content area shows a table of resources. The columns are "Subscription" (with a sorting arrow) and "Location". The rows include: "Services" (West Europe), "Visual Studio Enterprise Subscription – MPN" (West Europe), "Visual Studio Enterprise Subscription – MPN" (East US), "Services" (East US), "Visual Studio Enterprise Subscription – MPN" (North Europe), and "Services" (West Europe). Each row has a three-dot menu icon on the far right.

14 Click here.

A screenshot of the Azure portal showing a search result. In the center, there is a large gray cube icon. Below it, the text "No resources match your filters" is displayed in bold. A smaller text below says "Try changing or clearing your filters." At the bottom, there are two buttons: "Create resources" (which is highlighted with a red circle) and "Clear filters". Below these buttons, there is a link "Learn more".

15 Click here.

The screenshot shows the Microsoft Azure Marketplace interface. On the left, there's a sidebar with sections like 'Get Started', 'Management', and 'My Marketplace'. The 'Management' section is currently active. At the top right, there's a search bar and filters for 'Pricing : All' and 'Operating System'. A specific filter, 'Azure services only', is highlighted with a red circle and a checkmark. Below the filters, there's a section titled 'Recommended for you' with several cards. One card for 'Twilio SendGrid' is visible, along with others for 'Azure Monitoring', 'INFRONT SYSTEMS PTY LTD', 'Self Service PIM', and 'Inetum-Realdolmen - Apps & In...'. Each card provides a brief description and some metadata like 'Free trial' or 'SaaS'.

16 Click "Web App"

The screenshot shows the results of a search for 'Web App' in the Microsoft Azure Marketplace. The sidebar on the left is identical to the previous screenshot. The main area shows a grid of cards. The first card, 'Function App', has its icon circled in red. The second card, 'Web App', also has its icon circled in red. Both cards are from Microsoft and describe their respective services. The 'Web App' card includes a 'Free trial' button. Other cards in the grid include 'Azure OpenAI' and parts of other cards that are mostly cut off by the edge of the frame.

17 Click "Create"

Home > JDW > Marketplace >

Web App

Microsoft



Web App

Add to Favorites

Microsoft | Azure Service

★ 4.4 (2420 ratings)

Plan

Web App

Create



[Overview](#) [Plans](#) [Usage Information + Support](#) [Ratings + Reviews](#)

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. Leverage existing tools to develop your apps without the hassle of managing infrastructure.

App Service supports:

18 Type "jdwgroeiplein"

19 Click "Docker Container"

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

Subscription * ⓘ DIS Services

Resource Group * ⓘ JDW [Create new](#)

Instance Details

Name * jdwgroeiplein .azurewebsites.net

Publish * Code Docker Container Static Web App

Runtime stack * Select a runtime stack

Operating System Linux Windows

Region * East US

i Not finding your App Service Plan? Try a different region or select your App Service Environment.

20 Click "East US"

Resource Group ⓘ JDW [Create new](#)

Instance Details

Name * jdwgroeiplein .azurewebsites.net

Publish * Code Docker Container Static Web App

Operating System * Linux Windows

Region * East US

i 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 (East US) * ⓘ (New) ASP-JDW-90d1 [Create new](#)

21 Type "wes"

22 Click "West Europe"

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on 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 all your resources.

Subscription * ⓘ

- Resource Group * ⓘ

Instance Details

Name *

Publish *

Operating System *

Region *

Regions

- Germany West Central
- Japan West
- UK West
- West Central US
- West Europe
- West India
- West US
- West US 2
- West US 3

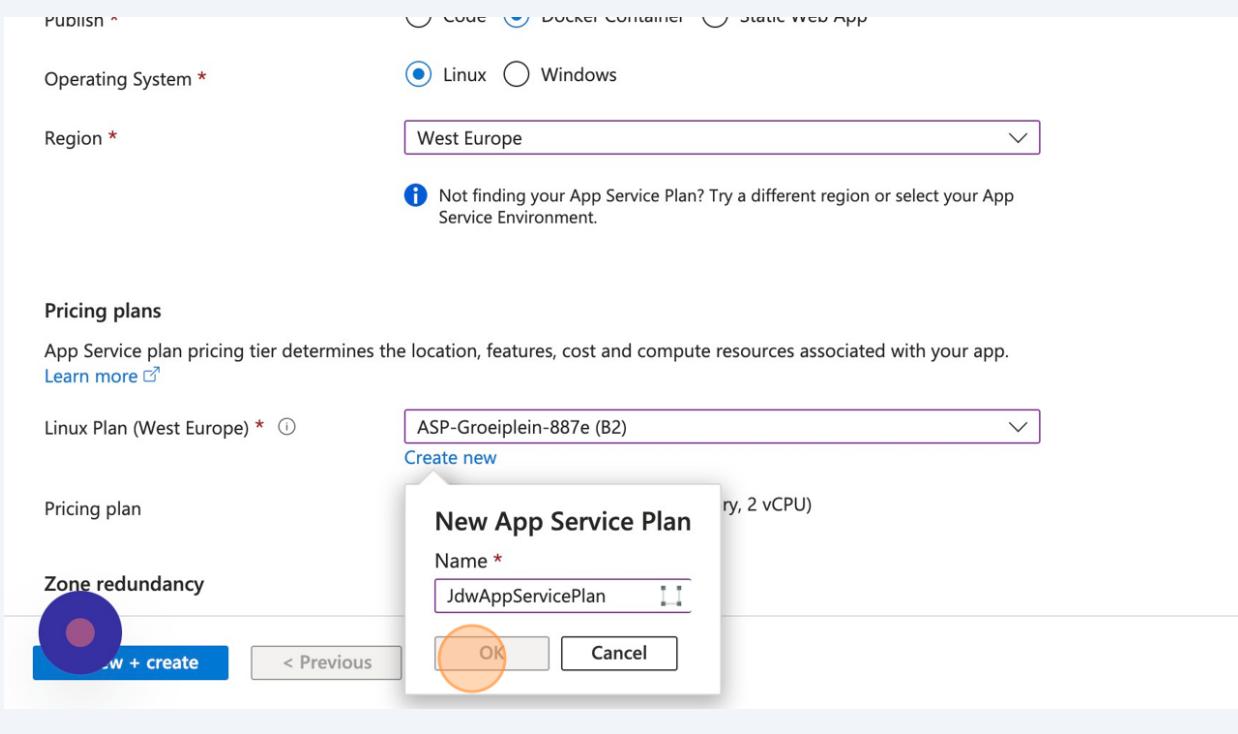
i Not finding your App Service Plan? Try a different region or select your App Service Plan from the dropdown menu.

23 Click "Create new"

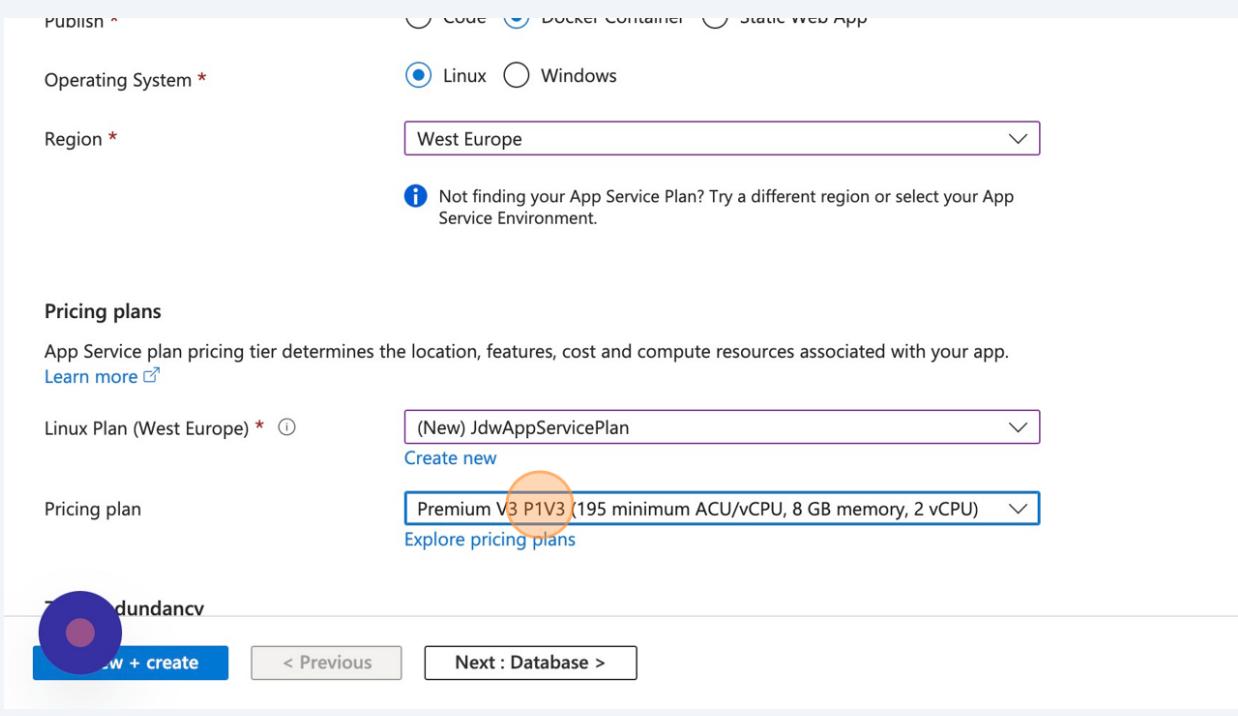
The screenshot shows the Azure portal interface for creating a new app service. At the top, there are tabs for Publish, Code, Docker Container, and Static Web App. Below that, the Operating System is set to Linux (selected) and the Region is set to West Europe. A note says: "Not finding your App Service Plan? Try a different region or select your App Service Environment." In the Pricing plans section, the Linux Plan (West Europe) is selected, showing options like ASP-Groeplein-887e (B2) and Create new (which is highlighted with a red circle). The Pricing plan is set to Basic B2 (200 total ACU, 3.5 GB memory, 2 vCPU). Under Zone redundancy, there is a 'New + create' button. At the bottom, there are navigation buttons: < Previous, Next : Database >.

24 Type "JdwAppServicePlan"

25 Click here.



26 Click "Premium V3 P1V3 (195 minimum ACU/vCPU, 8 GB memory, 2 vCPU)"



27 Click "Explore pricing plans"

Operating System * Linux Windows

Region * West Europe

i 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 (West Europe) * ⓘ (New) JdwAppServicePlan ⓘ [Create new](#)

Pricing plan ⓘ Premium V3 P1V3 (195 minimum ACU/vCPU, 8 GB memory, 2 vCPU) ⓘ [Explore pricing plans](#)

Redundancy [View + create](#)

< Previous Next : Database >

28 Click "□"

PREMIUM VS STANDARD		195*
Isolated v2 I1V2		195
Isolated v2 I2V2		195
Isolated v2 I3V2		195
Dev/Test (For less demanding workloads)		
Free F1		60 minutes/
Basic B1		100
<input checked="" type="checkbox"/> Basic B2		100
Basic B3		100
Production (For most production workloads)		
Premium v3 P0V3		195*
<input checked="" type="checkbox"/> Premium v3 P1V3		195
Premium v3 P2V3		195
Premium v3 P3V3		195
Premium v3 P1mV2		195*

29 Click "Select"

Premium v3 P4mv3	195*
Premium v3 P5mv3	195*
Standard S1	100
Standard S2	100
Standard S3	100
Premium v2 P1V2	210
Premium v2 P2V2	210
Premium v2 P3V2	210
▼ Isolated - App Service Environment (Advanced networking and scale)	
Isolated v2 I1V2	195
Isolated v2 I2V2	195
Isolated v2 I3V2	195

 *ACU/vCPU is an approximation of the SKU's relative performance.

30 Click "Next : Database >"



< Previous

Next : Docker >

31 Click this icon.

Microsoft Azure

Search resources, services, and docs (G+/)

Home > JDW > Marketplace > Web App >

Create Web App

Basics **Database** Docker Networking Monitoring Tags Review + create

Once database is enabled, a new VNet and related networking resources will be created automatically. [Learn More ↗](#)

Create a Database

Database

Engine * PostgreSQL - Flexible Server (recommended)

Server name * jdwgroeiplein-server

Database name * jdwgroeiplein-database

32 Click "PostgreSQL - Flexible Server (recommended)"

Create Web App

Basics **Database** Docker Networking Monitoring Tags Review + create

Once database is enabled, a new VNet and related networking resources will be created automatically. [Learn More ↗](#)

Create a Database

Database

Engine * PostgreSQL - Flexible Server (recommended)

Server name * jdwgroeiplein-server

Database name * jdwgroeiplein-database

33 Click "PostgreSQL - Flexible Server (recommended)"

Basics Database Docker Networking Monitoring Tags Review + create

Once database is enabled, a new VNet and related networking resources will be created automatically. [Learn More ↗](#)

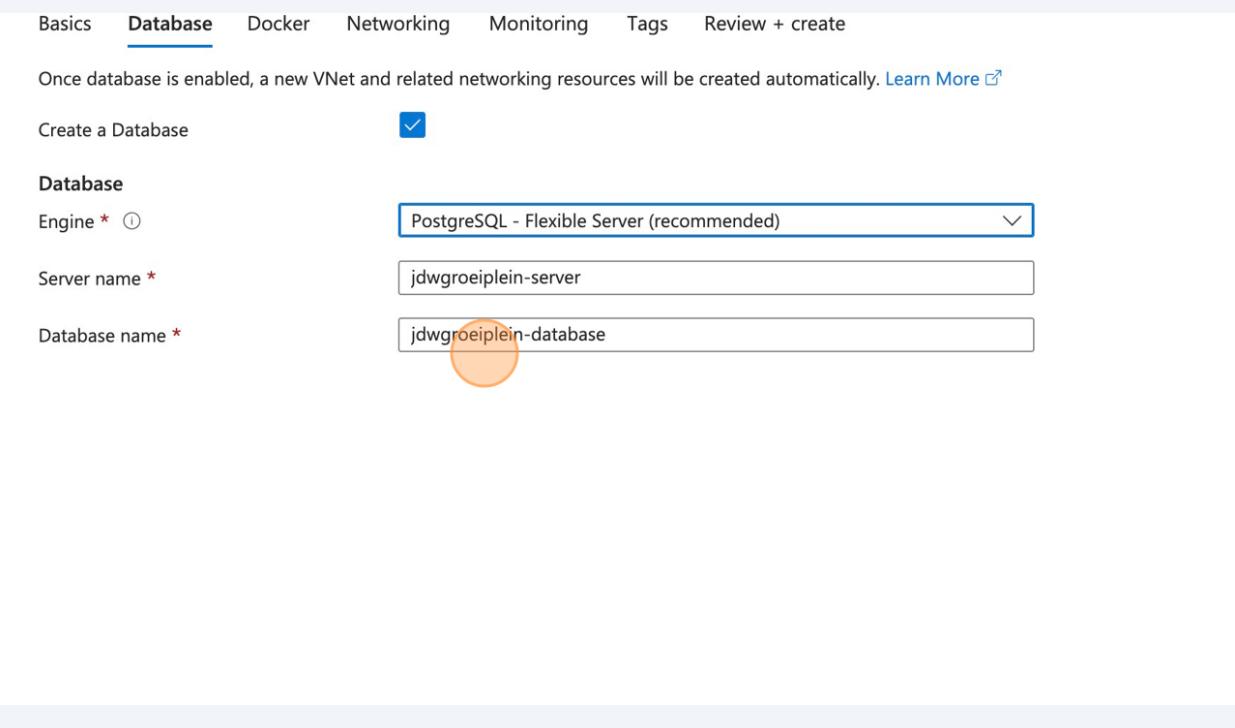
Create a Database

Database

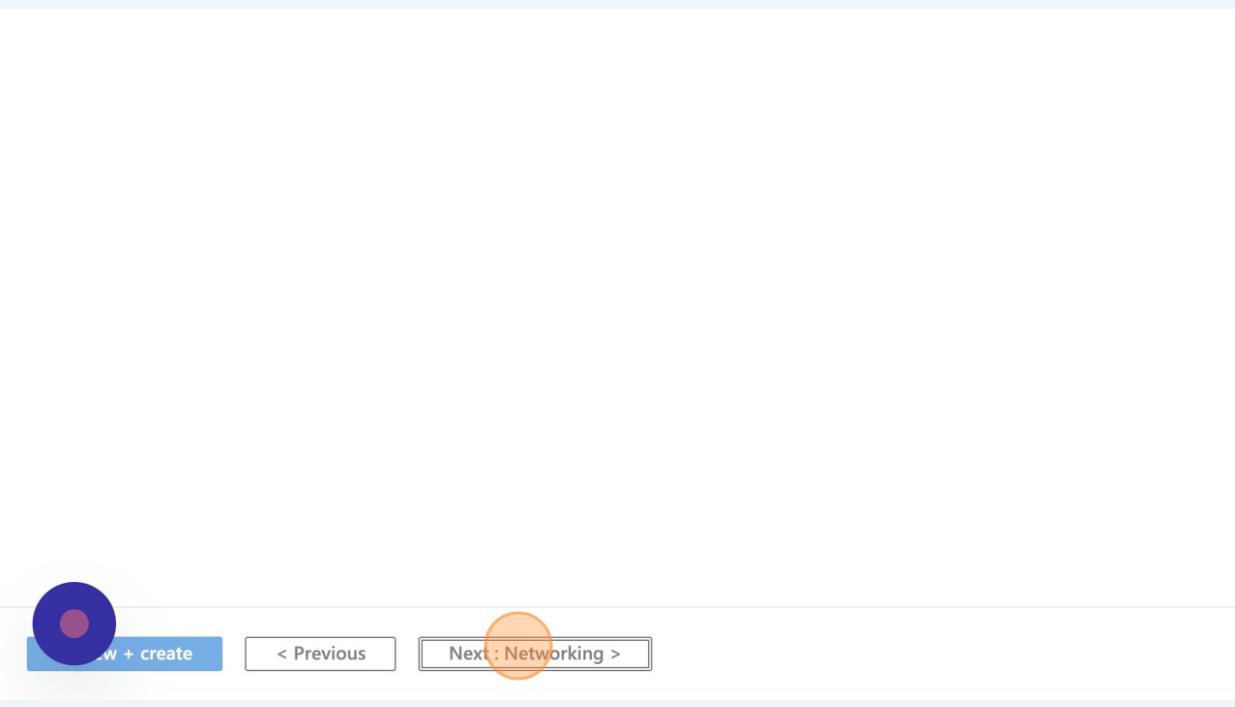
Engine * ⓘ

Server name *

Database name * 



34 Click "Next : Docker >"



Review + create < Previous Next : Networking >

35 Click "Quickstart"

Create Web App ...

Basics Database Docker Networking Monitoring Tags Review + create

Pull container images from Azure Container Registry, Docker Hub or a private Docker repository. App Service will deploy the containerized app with your preferred dependencies to production in seconds.

Options

Single Container

Image Source

Quickstart

Quickstart options

Sample *

Quickstart

Azure Container Registry

Docker Hub

Image and tag

Private Registry

36 Click "Azure Container Registry"

Basics Database Docker Networking Monitoring Tags Review + create

Pull container images from Azure Container Registry, Docker Hub or a private Docker repository. App Service will deploy the containerized app with your preferred dependencies to production in seconds.

Options

Single Container

Image Source

Quickstart

Quickstart options

Sample *

Quickstart

Azure Container Registry

Docker Hub

Image and tag

Private Registry

37 Click "Select a tag."

the containerized app with your preferred dependencies to production in seconds.

Options

Single Container

Image Source

Azure Container Registry

Azure container registry options

Registry *

speykcontainers

Image *

groeiplein

Tag *

Select a tag.

Startup Command ⓘ

RC1.0

bulkapi

latest

rbac

38 Click "latest"

Azure container registry options

Registry *

speykcontainers

Image *

groeiplein

Tag *

Select a tag.

Startup Command ⓘ

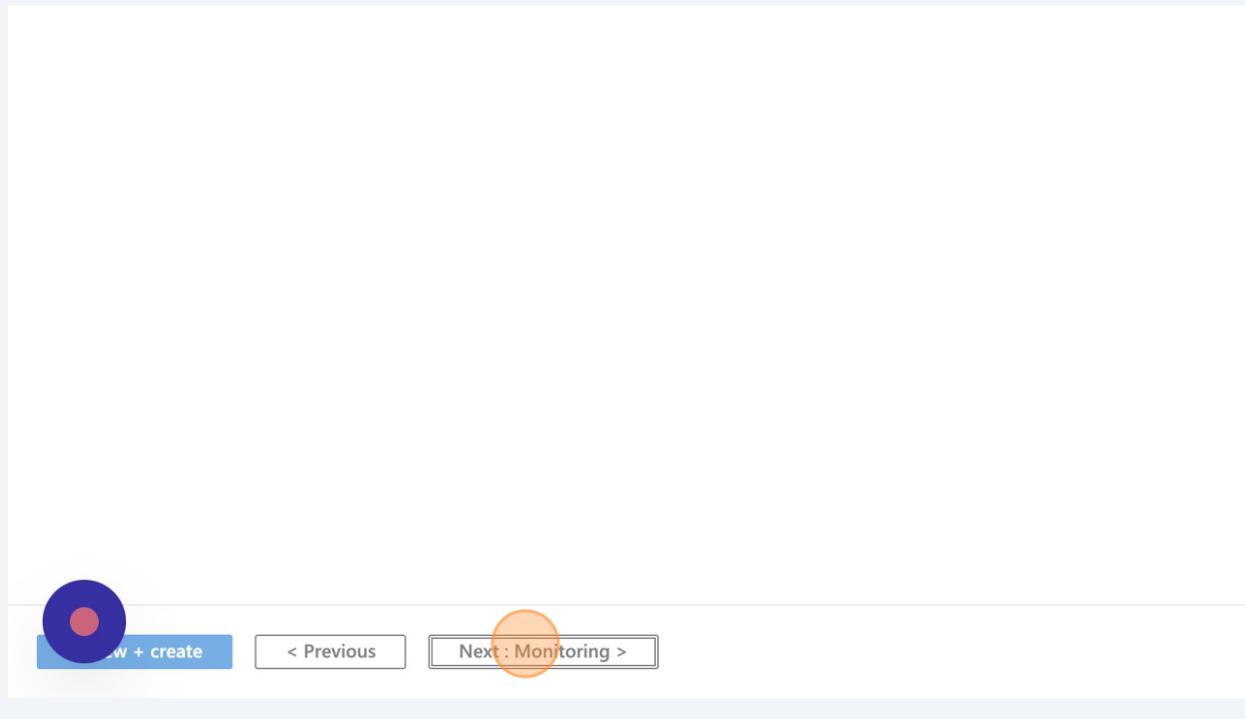
RC1.0

bulkapi

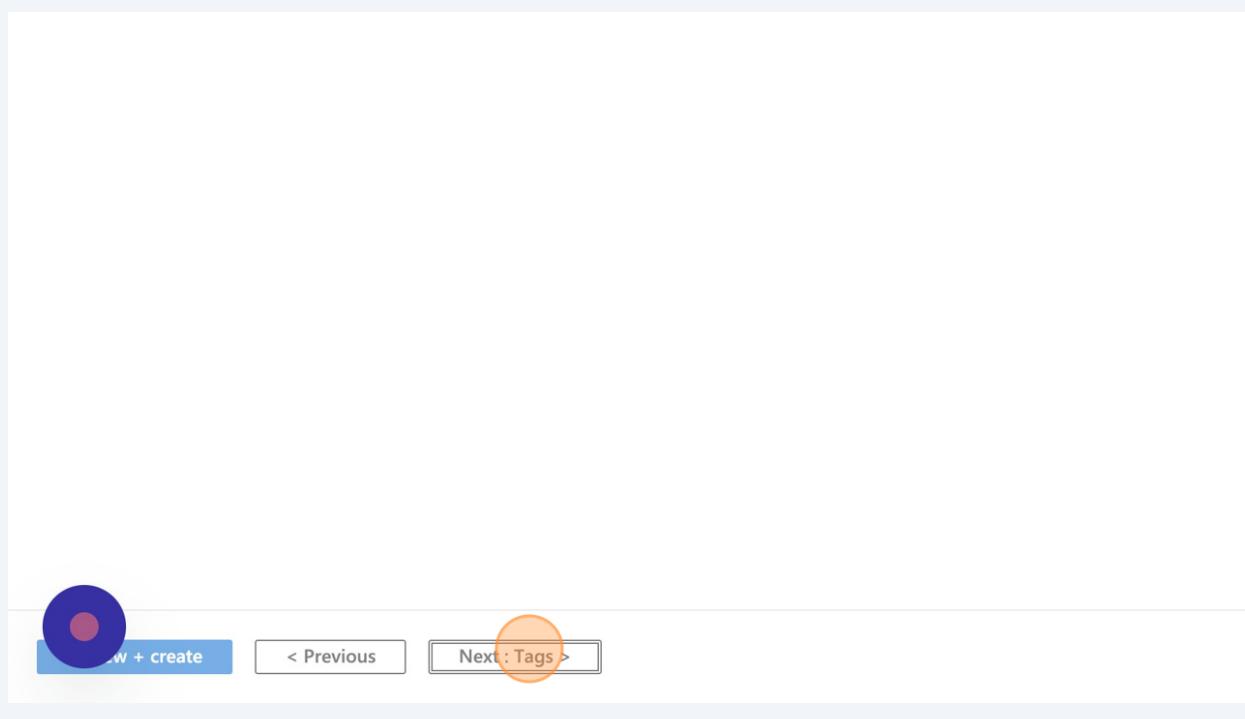
latest

rbac

39 Click "Next : Networking >"



40 Click "Next : Monitoring >"



41 Click here.

Basics Database Docker Networking **Monitoring** Tags Review + create

Azure Monitor application insights is an Application Performance Management (APM) service for developers and DevOps professionals. Enable it below to automatically monitor your application. It will detect performance anomalies, and includes powerful analytics tools to help you diagnose issues and to understand what users actually do with your app. Your bill is based on amount of data used by Application Insights and your data retention settings. [Learn more ↗](#)

[App Insights pricing ↗](#)

Application Insights

Enable Application Insights *

No Yes

Application Insights *

Region

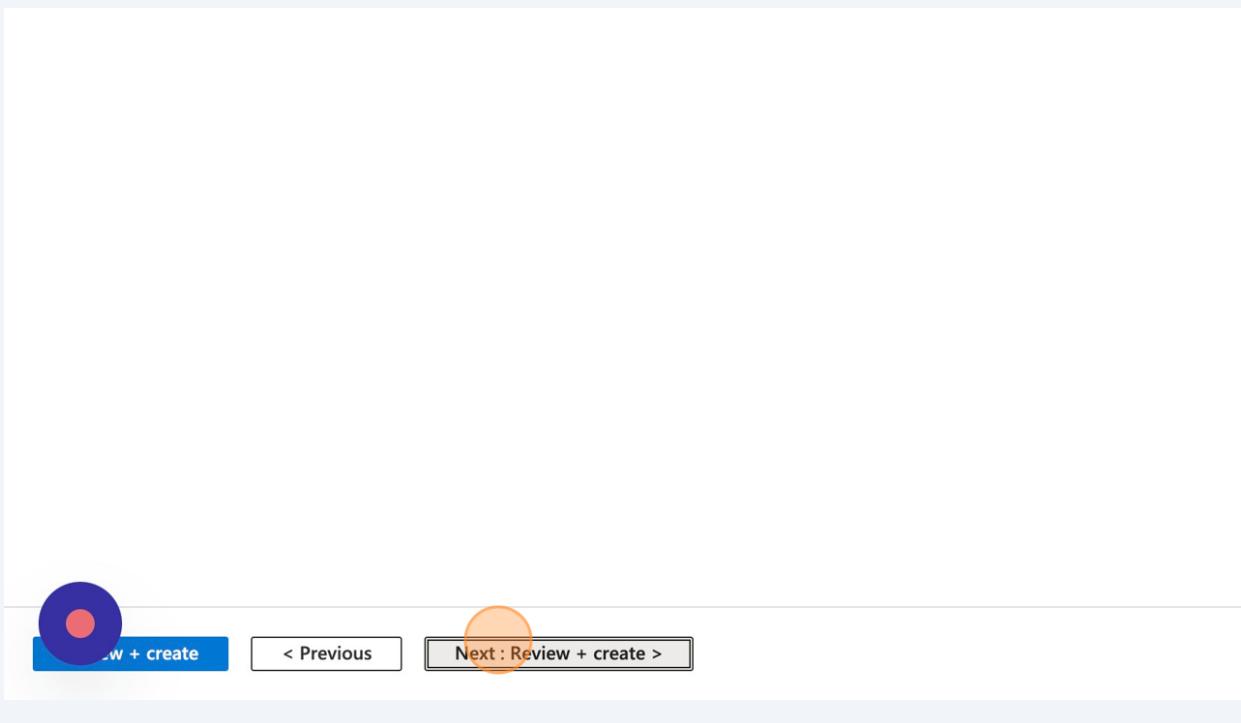
⚠ Application Insights code-less monitoring for Linux containers currently supports .NET, Java and Node.js applications. If your container uses a different language, consider including the Application Insights SDK in your container.

42 Click "Next : Tags >"

Review + create

< Previous **Next : Tags >**

43 Click "Next : Review + create >"



44 Click here.

Info: Username and password of the new database are generated automatically. To retrieve these values after the deployment, go to the App Settings of your app.

Server name	jdwgroeiplein-server
Engine	PostgreSQL - Flexible Server
Compute tier and size	GeneralPurpose Standard_D2s_v3
Database name	jdwgroeiplein-database
Region	West Europe
Username	vrvrsyfmxk
Password	***** 

Networking

Virtual network	(New) vnet-mrplxnng (10.0.0.0/16)
Outbound subnet	(New) subnet-nllkaqhu (10.0.1.0/24)

< Previous  Download a template for automation

45 Click here.

The screenshot shows the Azure portal interface for a web application named "WebApp-Portal-aaecd212-a567". The title bar includes a search bar with the placeholder "Search resources, services, and docs (G+/-)". Below the title, there are several action buttons: "Delete", "Cancel", "Redeploy", "Download", and "Refresh" (which is highlighted with an orange circle). A message "Deployment is in progress" is displayed. Deployment details are listed, including the name "Microsoft.Web-WebApp-Portal-aaecd212-a567", subscription "DIS Services", and resource group "JDW". The start time is 1/22/2024, 12:07:24 PM, and the correlation ID is a8eb5424-0694-423e-ad71-58567e803a36. A table below shows deployment status for three resources: jdwgroeiplein/scm (OK), jdwgroeiplein (OK), and jdwgroeiplein-server (Accepted).

Resource	Type	Status
jdwgroeiplein/scm	Microsoft.Web/sites/basicPublishingCredenti...	OK
jdwgroeiplein	Microsoft.Web/sites	OK
jdwgroeiplein-server	Microsoft.DBforPostgreSQL/flexibleServers	Accepted

46 Click "Go to resource"

The screenshot shows the deployment details for the same web app. It includes sections for "Inputs", "Outputs", and "Template". The deployment summary shows the same information as before: deployment name, subscription, resource group, start time, and correlation ID. Below the deployment summary, there are sections for "Deployment details" (with a collapsed arrow) and "Next steps" (with an expanded arrow). Under "Next steps", there are two links: "Manage deployments for your app" (Recommended) and "Protect your app with authentication" (Recommended). At the bottom, there is a blue button labeled "Go to resource" which is also highlighted with an orange circle. Below the button, there are links for "Give feedback" and "Tell us about your experience with deployment".