

Walid Amro
Cloud Solution Architect

walid.amro@microsoft.com

in https://www.linkedin.com/in/walidamro/

https://github.com/walidamro-msft

#### **Web Solutions**

Building resilient, web-based solutions on Azure with Azure App Service



Java (Spring)

.NET

Node.js

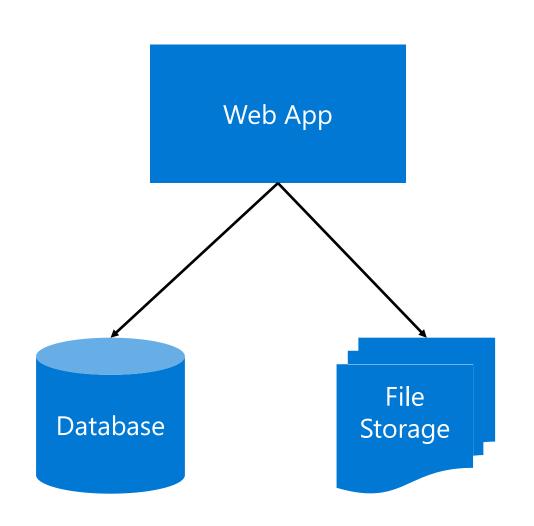
How do I host a PHP web app in Azure?

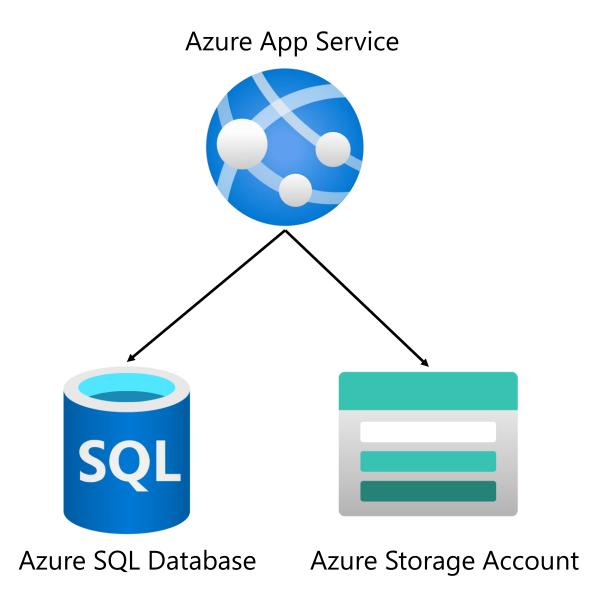
Ruby on Rails

Python

(Container)

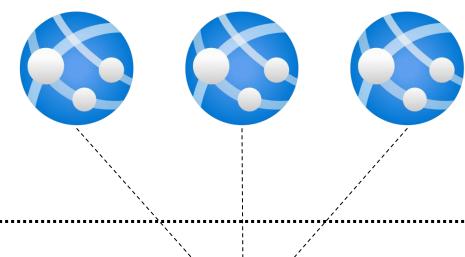
#### Web solution architecture





## **Azure App Service**

App Service (Web App)



















App Service Plan



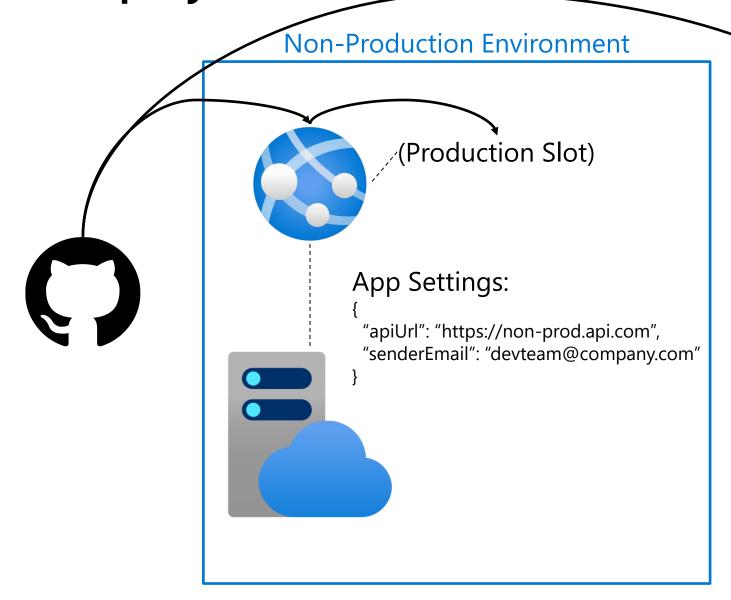




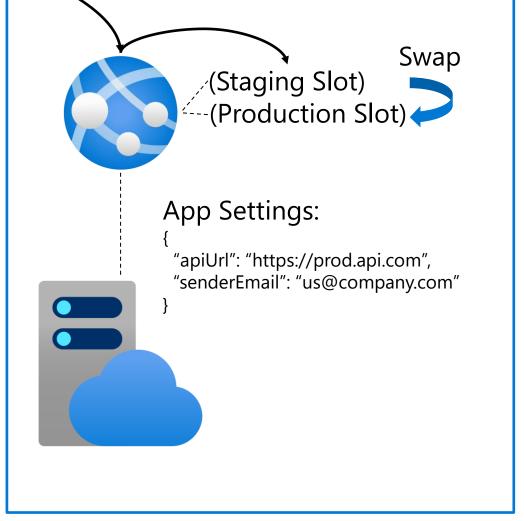
# Scale Out/Up **Scale Out** (Instance) App Service (Web App A) App Service (Web App B) Instance 1 Instance 2 Instance 3 **Scale Up** (SKU)

App Service Plan

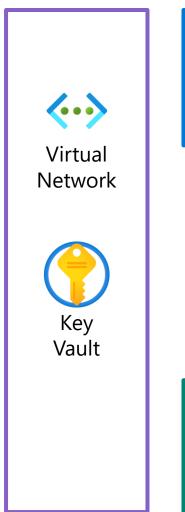
**Deployments** 

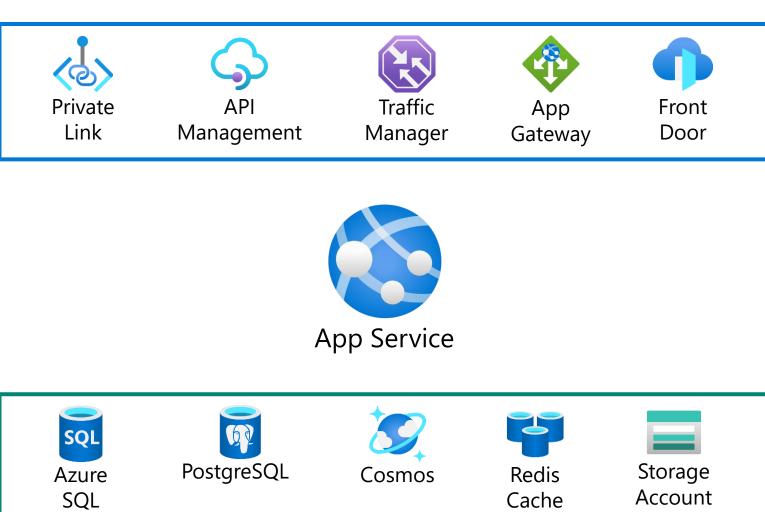


#### **Production Environment**



#### **Additional Services**







### Application hosting continuum











laaS Infrastructure Platform

CaaS
Container Orchestration
Platform

PaaS Application Platform

FaaS Serverless Platform

Low Code
App and Orchestration
Platform



Virtual Machines



Azure Kubernetes Service



Azure Container Apps



Azure Spring Apps



Azure App Service



Azure Functions



Azure Logic Apps



Power Apps

More Control of execution environment

Less Control of execution environment

Less Agile development & deployment

More Agile development & deployment

## Thank you!

# Sign up for Microsoft.Source

Receive a regular digest of relevant technical content, events and training

Get the best of the newest resources, tools and guidance to help developers quickly build and deploy on Azure

**Get the latest** articles, documentation, and events from Microsoft.Source—the curated monthly developer community newsletter.

**Stay at the forefront** of rapidly evolving technologies with resources that are relevant to your field, location, and areas of interest—including articles, GitHub repositories, and how-to guides.

**Get notified** about events—from local hacks, workshops, and training sessions to virtual meetups and global conferences.

**Learn what you want**, when you want, how you want. Resources include in-person hands-on workshops, free, interactive online training and sandbox environments.



## Web Solutions Lab



#### Azure App Service

