Azure App Service Fundamentals 101

Azure App Service

- Azure App Service is an HTTP-based service for hosting web applications, REST APIs and mobile back ends

- Available programming languages:

  .NET   Node.js   PHP   Java   Python (on Linux)   HTML   Custom Windows container (Preview)

- Azure App Service – PaaS offering

- Pricing – based on App Service Plan

App Service

App Service Plan

❑ With App Service, apps run in an App Service plan; when you create an App Service plan, a set of compute resources is created for that plan in that region

❑ Each App Service plan defines: Region, Number of VM instances, size of VMs, pricing tier

❑ The pricing tier of an App Service plan determines what App Service features you get and how much you pay for the plan

App Service Pricing Tiers

❑ Three pricing tiers are currently available:

   ❑ *Shared compute*: Free and Shared
      ❑ The app is run on the same VM as other apps; scaling is not an option

   ❑ *Dedicated compute*: Basic, Standard, Premium
      ❑ Apps are run on dedicated VMs; apps in the same App Service plan share the same compute resource

   ❑ *Isolated*: dedicated VMs run in dedicated vNETs

Types of web apps

❑ With App Service, you can host most common web app styles, such as:

  ❑ Web Apps – build & deploy web apps faster at scale

  ❑ API Apps – easily build and consume APIs

  ❑ Web App for Containers – deploy and run containerized web apps

❑ https://azure.microsoft.com/en-gb/services/app-service/

Microsoft Azure Fundamentals
Training Bootcamp

Thank you