# Azure App Service (AAS)

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

scale up/down – scale number of cores/RAM of the underlying machine.

scale out/in – scale the number of machines

 Azure App Service works with orchestration platforms: Windows containers and Docker Compose. For Kubernetes use **Azure Kubernetes Service** **(AKS)** instead of AAS.

Containers (Windows or Linux) are pulled from Azure Container Registry or Docker Hub.

For Linux containers **custom container** reads app files faster than **built-in image** because in built-in image the app files are in separate from container place – in Azure Storage.

**App Service Environment** **(ASE)**

* A premium, isolated version of App Service.
* Runs inside your own virtual network (VNet).
* You get dedicated compute resources (like "your own computer/server").

Ideal for high-security, high-scale, or compliance-restricted scenarios.