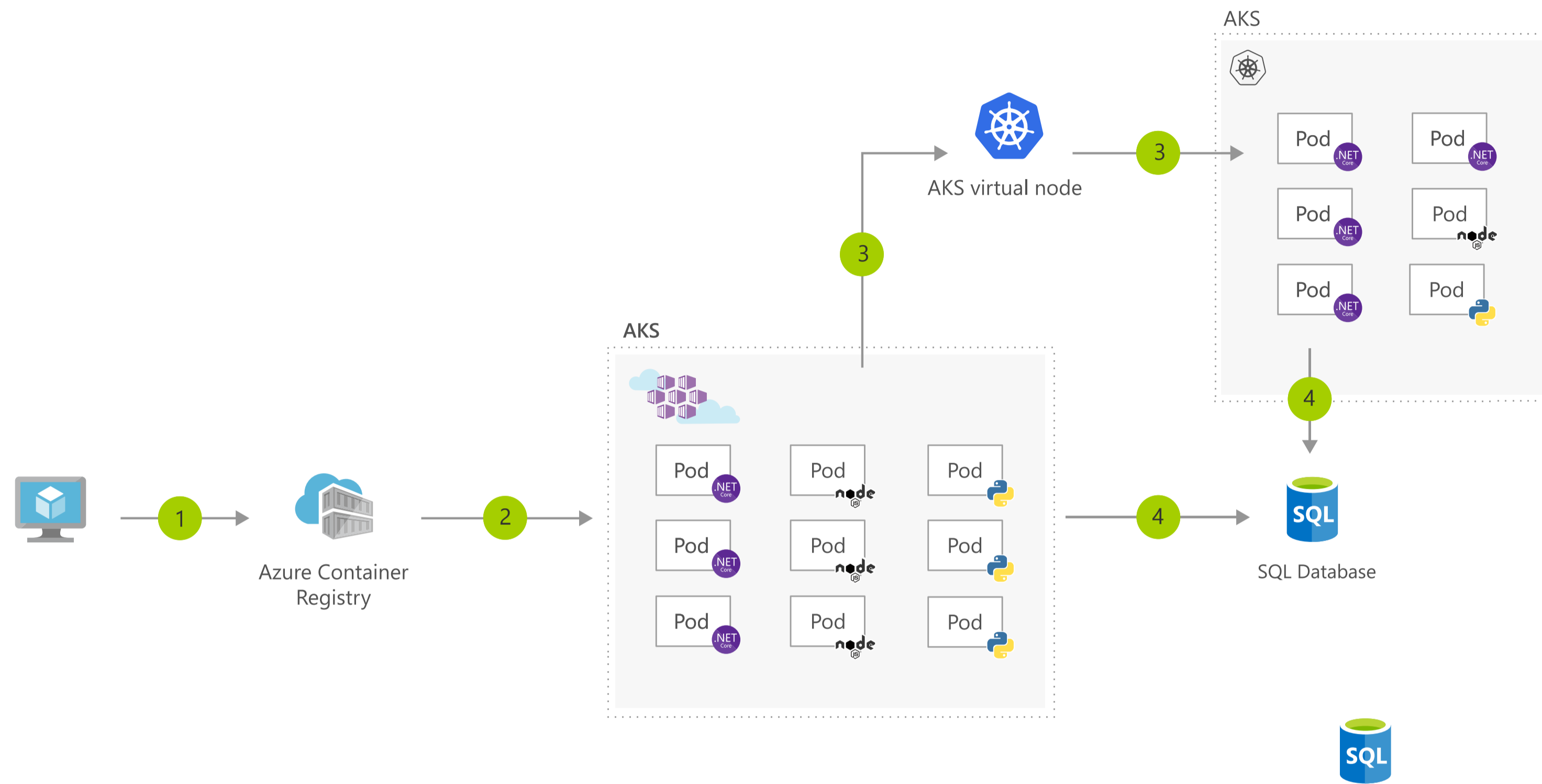


Scale with ease using AKS and ACI



Architecture overview

Use the ACI Connector to provision pods inside ACI that start in seconds. This enables AKS to run with just enough capacity for your average workload. As you run out of capacity in your AKS cluster, scale out additional pods in ACI without any additional servers to manage.

- 1 User registers container in Azure Container Registry
- 2 Container images are pulled from the Azure Container Registry
- 3 ACI connector, a Virtual Kubelet implementation, provisions pods inside ACI from AKS when traffic comes in spikes.
- 4 AKS and ACI containers write to shared data store

Azure products used in this solution

- Virtual Machines
- Azure Container Registry
- Azure Container Services
- Azure Kubernetes Services
- Python pod
- .NET pod
- NodeJS pod