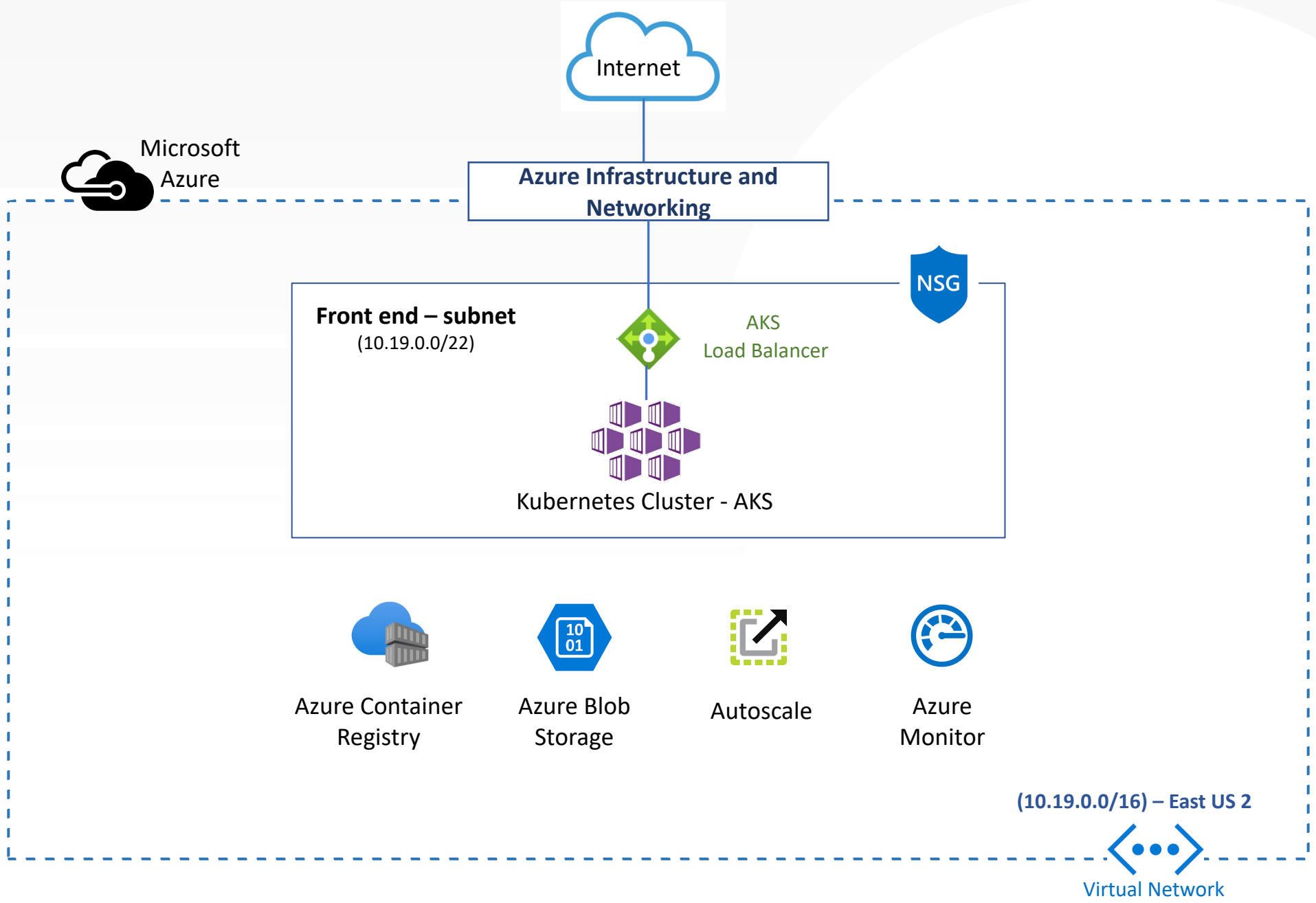
SampleApp

Networking

John Fredy Echavarria

02 May, 2024


Internet
Microsoft Azure
Azure Infrastructure and Networking
NSG
Front end – subnet
(10.19.0.0/22)
AKS
Load Balancer
Kubernetes Cluster - AKS
Azure Container Registry
Azure Blob Storage
Autoscale
Azure Monitor
(10.19.0.0/16) – East US 2
Virtual Network

Description

1. **Microsoft Azure:** Cloud Provider.
2. **Virtual Network:** Network to deploy all the resources (Regional resource).
3. **Subnets:** Allow to partition the network inside the Vnet.
4. **Network Security Group:** Control how traffic is allowed into or out of the virtual machines or some specific services.
5. **AKS Load Balancer:** The AKS Load Balancer is used to route traffic to multiple services within the AKS Cluster.
6. **Azure Kubernetes Cluster:** AKS is a managed Kubernetes service for deploying and managing cluster.