SampleApp

Kubernetes Cluster with AKS

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02 May, 2024

Azure

Azure AKS Cluster

ratingsapp
ns

Type: Cluster IP   ratings-mongodb
ratings-mongodb.ratingsapp.svc.cluster.local

mongosecret

MongoDB traffic

Type: Cluster IP   ratings-api
ratings-api.ratingsapp.svc.cluster.local

API Traffic

http://52.184.212.173

Users

HTTP

Public IP
for Load Balancer
Service

AKS
Load Balancer

Type: Load Balancer   ratings-web
ratings-web.ratingsapp.svc.cluster.local
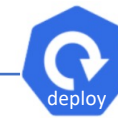
Description

1. **Users:** The users will be pointing to the url http://52.184.212.173
2. **Public IP:** The Public IP is created for using the Load Balancer service, through the AKS Load Balancer.
3. **AKS Load Balancer:** The AKS Load Balancer is used to route traffic to multiple services within the AKS Cluster, including the Nodes or Worker machines, where the Pods (A Pod is a group of one or more containers) are deployed.
4. **Load Balancer Service:** The Load Balancer service is necessary for enabling external access to the Pods in Kubernetes.