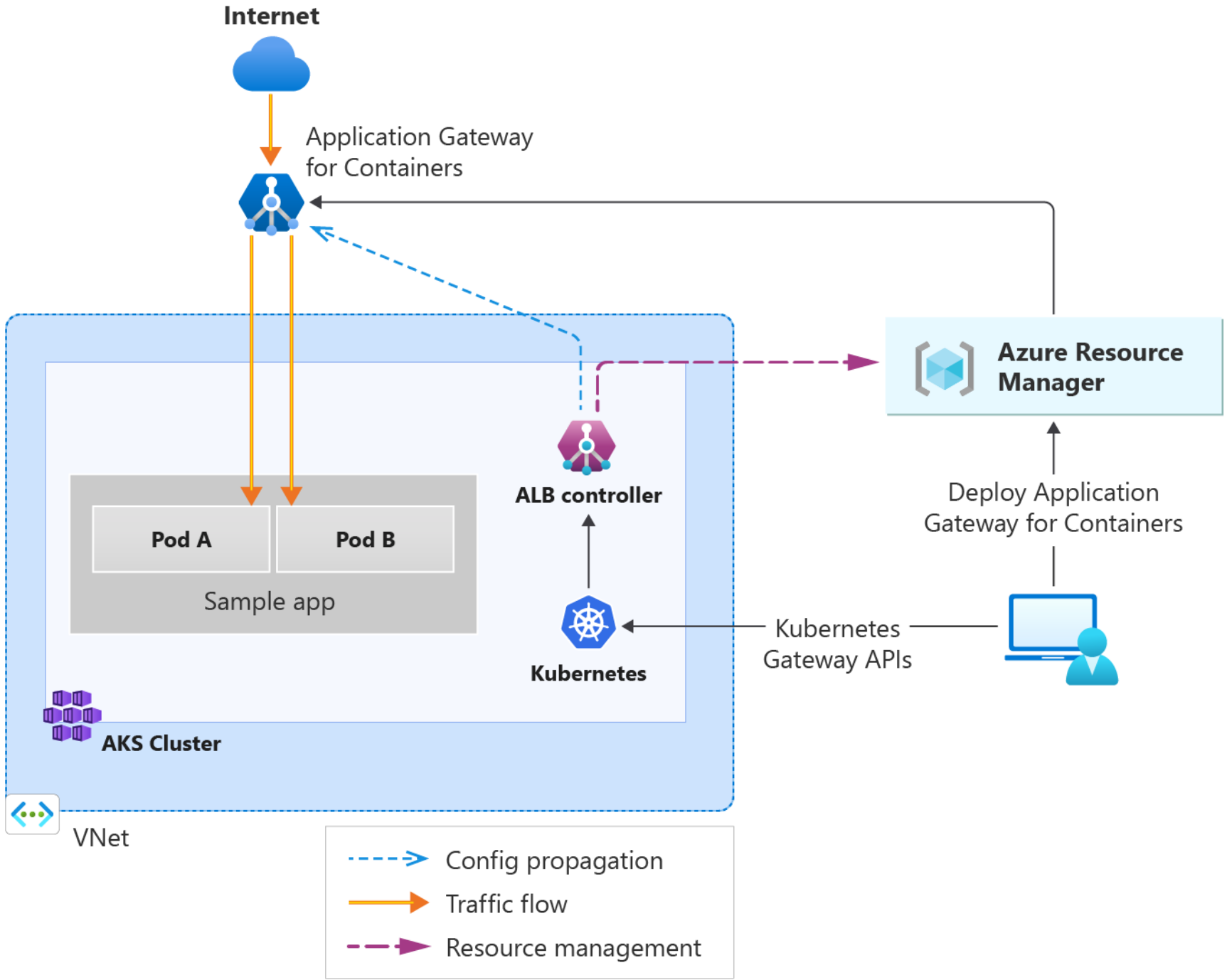
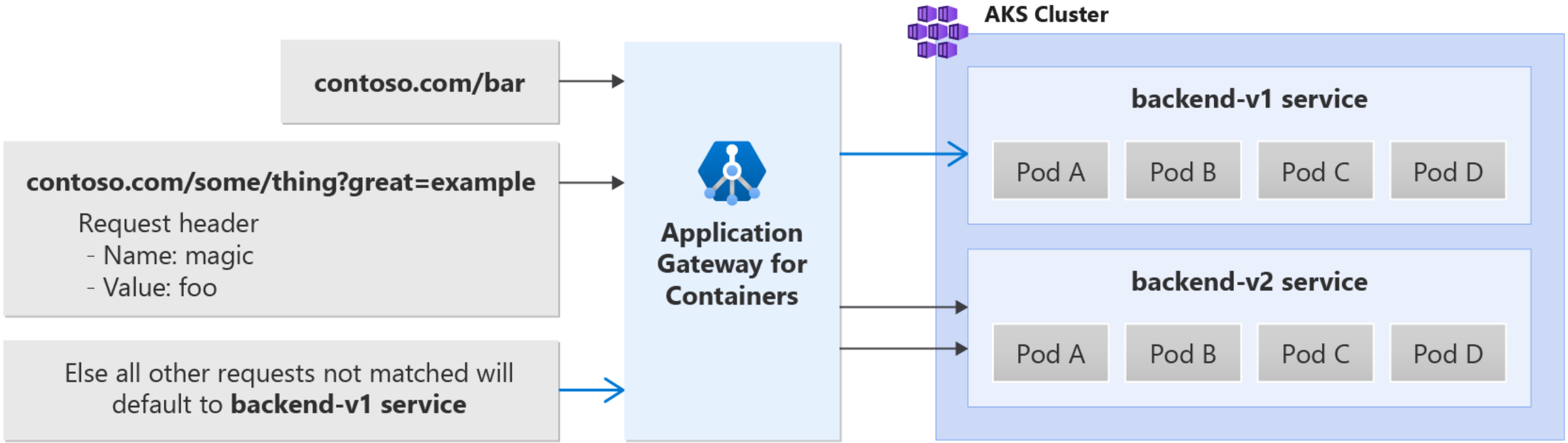
AKS Gateway for Containers Routing

Agenda

1. Routing options
2. Create backend of test apps
3. Configure all routing options


Internet
Application Gateway for Containers
Azure Resource Manager
ALB controller
Deploy Application Gateway for Containers
Pod A
Pod B
Sample app
Kubernetes
Kubernetes Gateway APIs
AKS Cluster
VNet
Config propagation
Traffic flow
Resource management


AKS Cluster
contoso.com/bar
contoso.com/some/thing?great=example
Request header
- Name: magic
- Value: foo
Else all other requests not matched will default to backend-v1 service
Application Gateway for Containers
backend-v1 service
Pod A
Pod B
Pod C
Pod D
backend-v2 service
Pod A
Pod B
Pod C
Pod D

Routing Options

Routing based on:

- Path
- Query
- Header
- Hostname
- Default route

Demo