

Scaling Options

- CPU/Memory based
- HTTP requests
- Queues (Azure Service Bus, Storage Queues)
- Custom metrics



Scaling Example

az containerapp update

- --name my-app
- --resource-group my-containerapps-group
- --scale-rule-name http-rule
- --scale-rule-type http
- --scale-rule-http-concurrency 50

```
modifier_ob.
 mirror object to mirror
mirror_object
peration == "MIRROR_X":
__mod.use_x = True
irror_mod.use_y = False
irror_mod.use_z = False
 _operation == "MIRROR_Y"
irror_mod.use_x = False
lrror_mod.use_y = True
 irror_mod.use_z = False
 _operation == "MIRROR_Z":
  rror_mod.use_x = False
  rror_mod.use_y = False
 rror_mod.use_z = True
 melection at the end -add
   ob.select= 1
   er ob.select=1
   ntext.scene.objects.action
  "Selected" + str(modifice
   irror_ob.select = 0
  bpy.context.selected_obj
  ata.objects[one.name].se
 int("please select exactle
  --- OPERATOR CLASSES ----
    pes.Operator):
    X mirror to the selected
   ject.mirror_mirror_x"
  ext.active_object is not
```

Network Configuration

- Ingress options: internal vs external
- VNET integration (Preview)
- IP restrictions
- Custom domains

Secrets

- Store secrets in Azure
- Access using environment variables

az containerapp secret set

- --name my-app
- --name my-containerapps-group
- --name my-secret=supersecurevalue

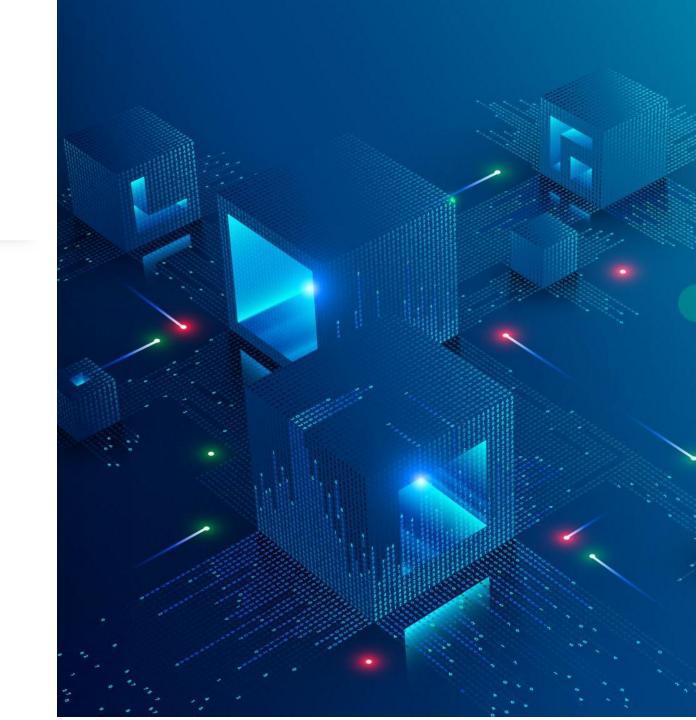
Using Secrets in App

az containerapp update

- --name my-app
- --resource-group my-containerapps-group
- --env-vars SECRET_VAR=secretref:my-secret

Integration with Azure Services

- Azure Monitor
- Azure Key Vault
- Azure Container Registry
- Azure Functions and Logic Apps

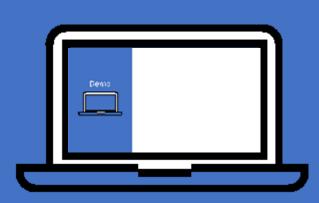


Event-driven Architectures

- Use Dapr for pub/sub, state management
- Integrate with Event Grid



Demo



Advanced Features

Custom DNS, Scaling, Split Traffic



Summary

- Explored advanced features such as autoscaling based on metrics, secure networking configurations, and managing secrets in Azure.
- Learned how to integrate Azure Container
 Apps with services like Azure Monitor, Key
 Vault, and Event Grid to build robust, event driven applications.
- Next steps: Explore Microsoft Learn paths and Azure documentation for deep dives into production deployments and CI/CD strategies.

Resources

Azure Container Apps documentation

https://learn.microsoft.com/en-us/azure/container-apps/