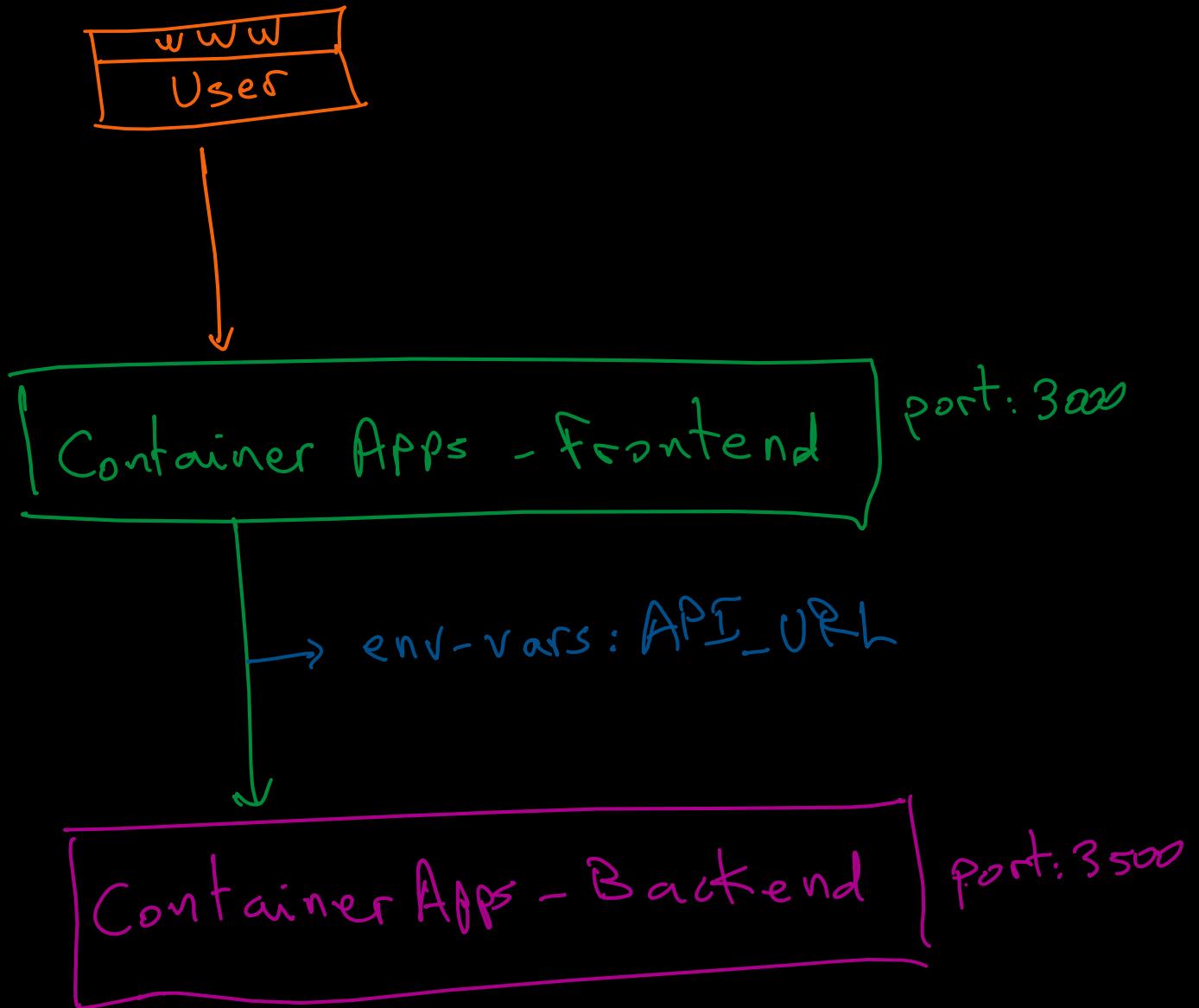


Demo

Deploying backend & frontend in Container Apps using Azure CLI



Create Container Apps
Environment

Create Container Apps
Backend

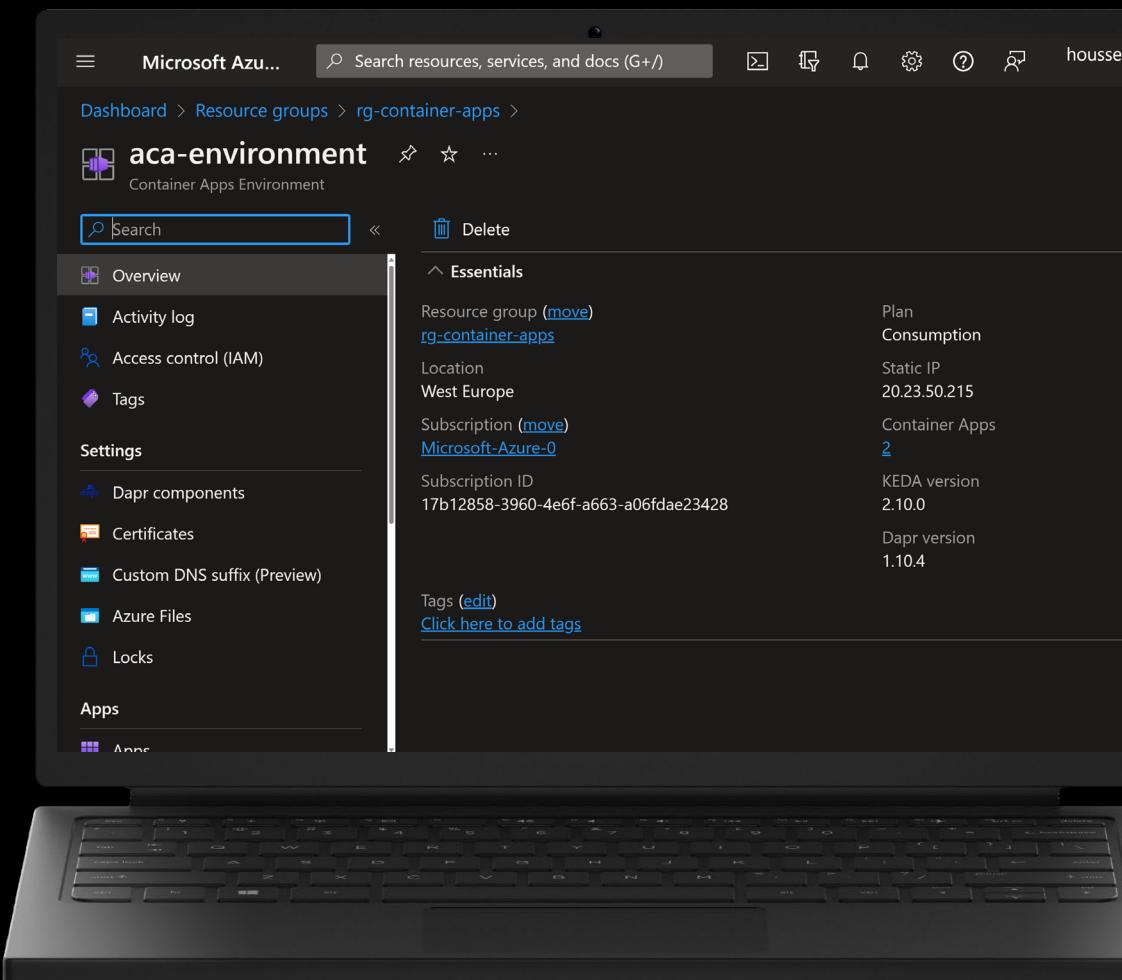
Create Container
Apps Frontend

Create ACA Environment

```
$RESOURCE_GROUP="rg-container-apps"
$LOCATION="westeurope"
$CONTAINERAPPS_ENVIRONMENT="aca-environment"
$CONTAINERAPPS_BACKEND="aca-app-backend-api"
$CONTAINERAPPS_FRONTEND="aca-app-frontend-ui"
```

```
az group create \
    --name $RESOURCE_GROUP \
    --location $LOCATION
```

```
# create ACA Environment
az containerapp env create \
    --name $CONTAINERAPPS_ENVIRONMENT \
    --resource-group $RESOURCE_GROUP \
    --location $LOCATION
```



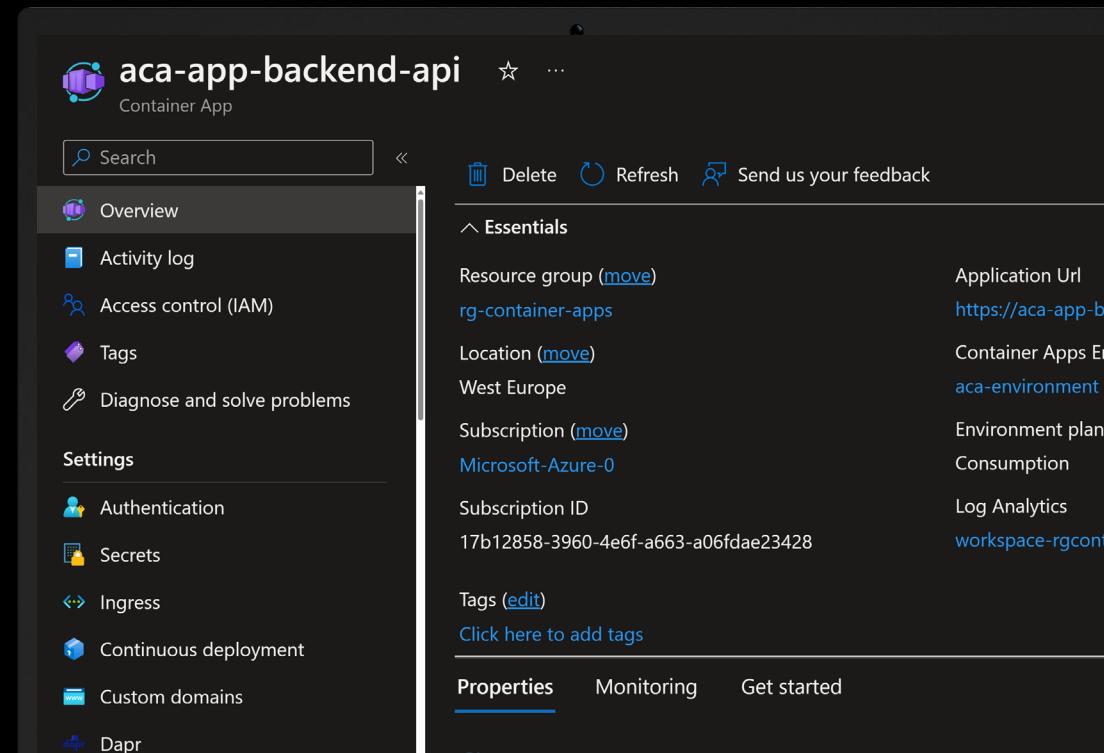
Create Container Apps
Environment

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Backend

Create Container
Apps Frontend

Deploy Backend container image

```
az containerapp create `  
  --name $CONTAINERAPPS_BACKEND `  
  --resource-group $RESOURCE_GROUP `  
  --environment $CONTAINERAPPS_ENVIRONMENT `  
  --image ghcr.io/houssemdellai/containerapps-  
  album-backend:v1 `  
  --target-port 3500 `  
  --ingress 'external'
```



Create Container Apps
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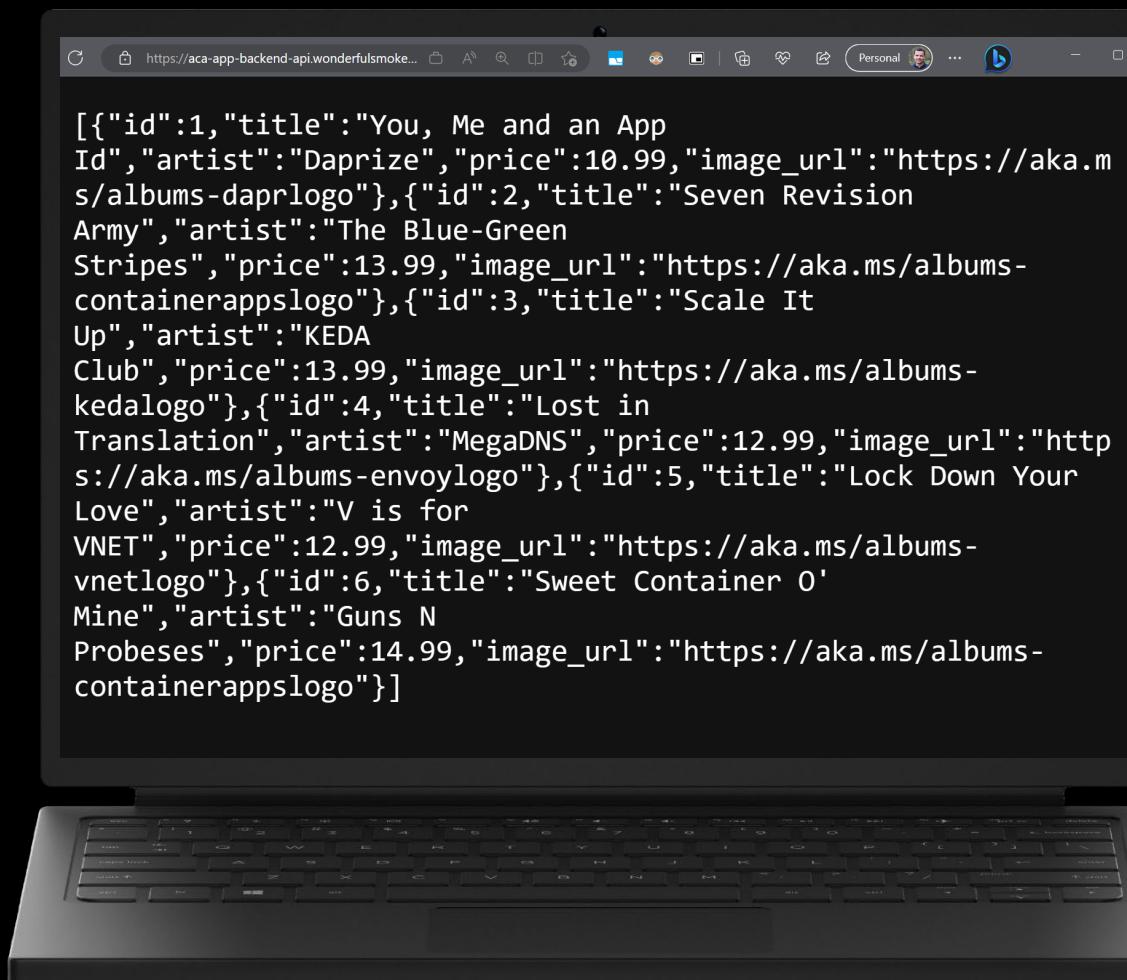
Create Container
Apps Frontend

Deploy Backend container image

```
az containerapp create `  
  --name $CONTAINERAPPS_BACKEND `  
  --resource-group $RESOURCE_GROUP `  
  --environment $CONTAINERAPPS_ENVIRONMENT `  
  --image ghcr.io/houssemdellai/containerapps-  
album-backend:v1 `  
  --target-port 3500 `  
  --ingress 'external'
```

```
az containerapp show `  
  --name $CONTAINERAPPS_BACKEND `  
  --resource-group $RESOURCE_GROUP `  
  --query  
properties.configuration.ingress.fqdn
```

```
# aca-app-backend-api.gentledune-  
750d8b24.westeurope.azurecontainerapps.io
```



Create Container Apps
Environment

Create Container Apps
Backend

Create Container
Apps Frontend

Deploy Frontend container image

```
az containerapp create `  
  --name $CONTAINERAPPS_FRONTEND `  
  --resource-group $RESOURCE_GROUP `  
  --environment $CONTAINERAPPS_ENVIRONMENT `  
  --image ghcr.io/houssemellai/containerapps-  
  album-frontend:v1 `  
  --target-port 3000 `  
  --ingress 'external' `  
  --env-vars API_BASE_URL=https://$API_BASE_URL
```

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes 'Microsoft Azure', a search bar ('Search resources, services, and docs (G+)'), and a user profile icon. Below the navigation is a breadcrumb trail: 'Dashboard > Resource groups > rg-container-apps'. The main content area is titled 'rg-container-apps' and 'Resource group'. On the left, there's a sidebar with 'Overview', 'Activity log', 'Access control (IAM)', 'Tags', 'Resource visualizer', and 'Events'. The 'Resources' tab is selected, showing a list of resources:

Name	Type	Location
aca-app-backend-api	Container App	West Europe
aca-app-frontend-ui	Container App	West Europe
aca-environment	Container Apps Environment	West Europe
workspace-rgcontainerappsFT4O	Log Analytics workspace	West Europe

Create Container Apps
Environment

Create Container Apps
Backend

Create Container
Apps Frontend

Deploy Frontend container image

```
az containerapp create `  
  --name $CONTAINERAPPS_FRONTEND `  
  --resource-group $RESOURCE_GROUP `  
  --environment $CONTAINERAPPS_ENVIRONMENT `  
  --image ghcr.io/houssemdellai/containerapps-  
album-frontend:v1 `  
  --target-port 3000 `  
  --ingress 'external' `  
  --env-vars API_BASE_URL=https://$API_BASE_URL
```

```
az containerapp show `  
  --name $CONTAINERAPPS_FRONTEND `  
  --resource-group $RESOURCE_GROUP `  
  --query properties.configuration.ingress.fqdn
```

```
# "aca-app-frontend-ui.wonderfulsmoke-  
23b50e83.westeurope.azurecontainerapps.io"
```

