

Secure your AKS Deployments with a private Azure Container Registry



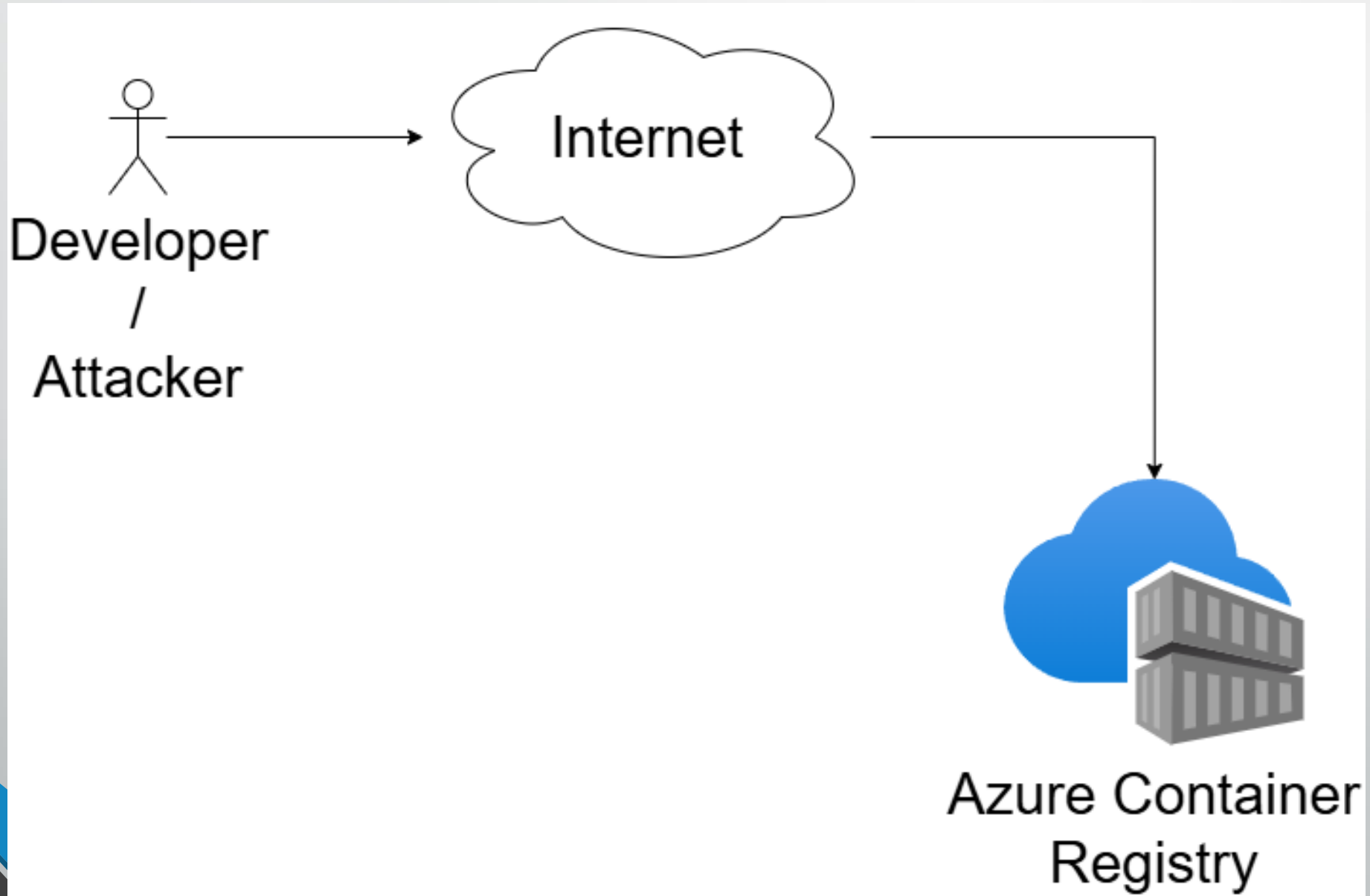
Agenda

1. What is a private ACR?
2. Why would you want to use a private ACR?
3. Create a private AKS cluster and ACR
4. Configure the access to allow AKS access over a private connection

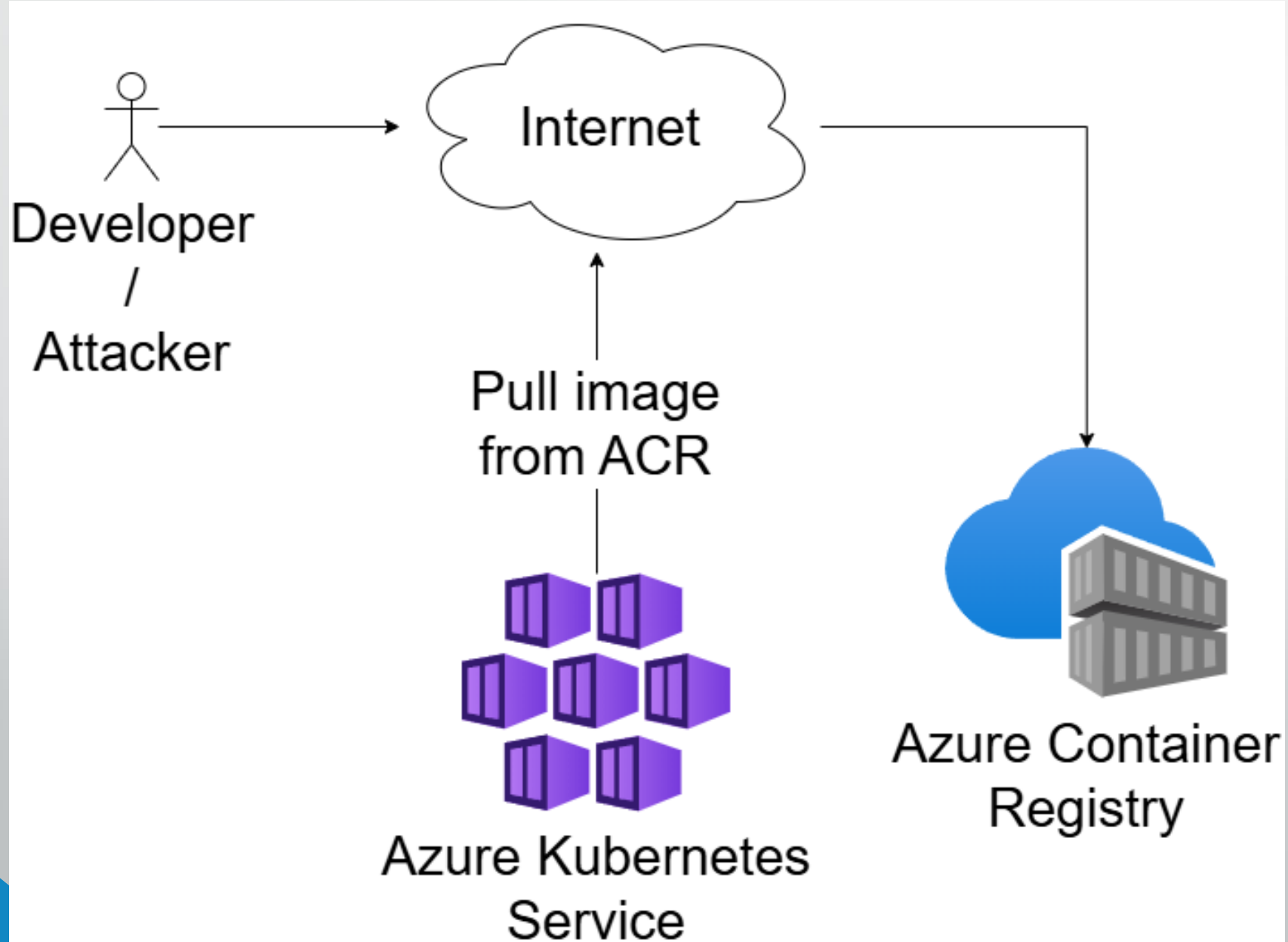


What is a private Azure
Container Registry?

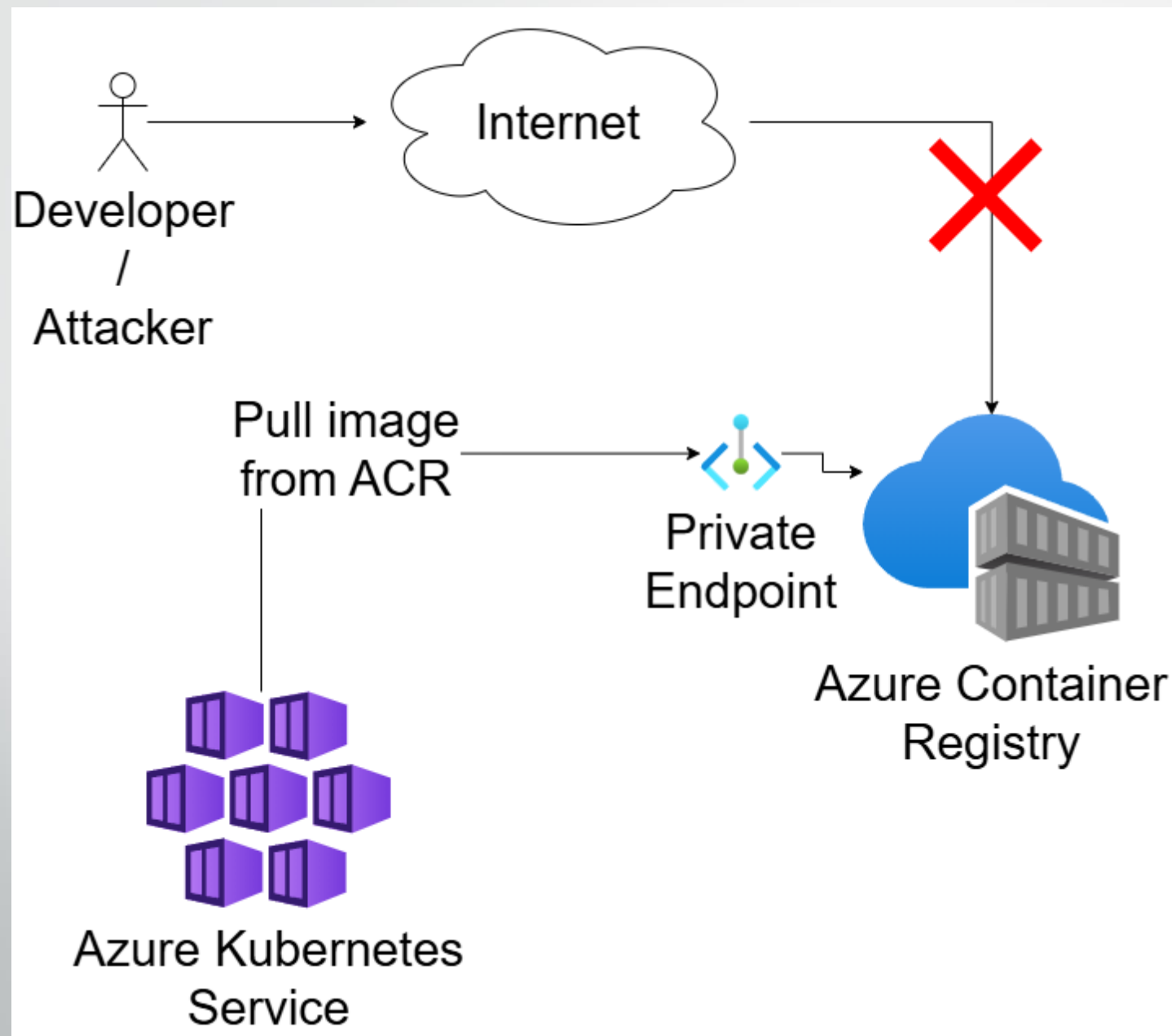
Public Azure Container Registry



Public Azure Container Registry



Private Azure Container Registry





Configure private access to Azure Container Registry

Private Azure Container Registry

Disable public network access (needs Premium SKU)

Create Private Endpoint in AKS VNet

- Add PE to existing AKS VNet
- Private DNS Zone is automatically created
- AKS can use public URL to pull images

Private Azure Container Registry

Disable public network access (needs Premium SKU)

Create Private Endpoint in different VNet

- Add PE to VNet
- Private DNS Zone is automatically created
- Add VNet peering between PE and AKS VNet
- Add AKS VNet to private DNS Zone
- AKS can use public URL to pull images