Azure DevOps Agents

Microsoft-hosted

- Ubuntu or Windows

Self-hosted

- Azure VMs
- **Azure Kubernetes Service (AKS)**
- Azure Container Apps
- Managed DevOps Pools

Agenda

1. Build docker container for Azure DevOps agent

2. Test agent locally

3. Deploy agent to AKS

4. Scale agent with KEDA

5. Install .NET SDK on the agent

6. Install Podman on the agent to build container images

ADO Agent in K8s Considerations

Kubernetes is already in use

Agent deploys to resources in same VNet

Docker-in-Docker

Azure DevOps parallel build licenses

Local testing