Azure Managed DevOps Pools Explained: A Game Changer for Hosting Agents

Azure DevOps Agents

Microsoft-hosted

- Ubuntu or Windows

Self-hosted

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

Agenda

1. Deploy Managed DevOps Pool

2. Test new agent in pipeline

3. View configuration options in the Azure portal

4. Quota limitations

5. Managed DevOps Pools were broken

Managed DevOps Pools were broken

Deployments timed out after 1 hour

Entire tenant affected

Problem got fixed

https://developercommunity.visualstudio.com/t/Managed-DevOps-Pool-Deployment-always-Fa/10837027?viewtype=all

Managed DevOps Pools Consideration

Game changer for self-hosted agents

Run powerful VMs but only pay for what you use

VNet integration

Build container images

Various scaling options

SPOT instances coming by March 2025

Container agents coming in 2025