Previous Unit 7 of 7

100 XP

Summary

2 minutes

Our goal was to help you evaluate whether Kubernetes would be a good choice as a container orchestration platform for your business. We looked at several features that enhance the Azure Kubernetes Service (AKS) offering. We saw how these features can help you decide if Kubernetes is a good fit for new projects, or if you should move to Kubernetes to orchestrate current container deployments.

You saw how Kubernetes provides for:

- Deployment of containers.
- Self-healing of containers.
- Dynamically scaling container count up or down.
- Automated rolling updates and rollbacks of containers.
- Management of storage.
- Management of network traffic.
- Storage and management of sensitive information such as usernames and passwords.

You were looking for a container orchestration platform to deploy and manage your drone tracking solution into new customer regions. You now understand how Kubernetes can help you develop, deploy, and manage applications in your container environment.

Learn more

To learn more about Kubernetes, running Kubernetes on Azure, and related tools, visit the following sites and articles:

- Kubernetes
- Azure Kubernetes Service
- MicroK8s
- Multipass GitHub repository

Explore other modules

Administer containers in Azure learning path
Introduction to Kubernetes on Azure