

Episode Title: Migrate IIS workloads to containers

Objectives:

At the end of this episode, I will be able to:

1. Describe container runtimes in Azure
2. Explain Azure Kubernetes Services
3. Design for containers in Azure

Key Points:

Key Point 1

You have a variety of options for running containers in Azure. One of the most simple forms is using containers with an Azure App Service to benefit from scalability, deployments, and monitoring while still using containerized apps.

Key Point 2

Azure provides a couple options for running Kubernetes - Azure Kubernetes Service, a managed but customizable Kubernetes cluster; and Azure Container Apps, a more restricted managed service that removes some of the complexities of Kubernetes.

Key Point 3

If you have decided that containers is the right way forward for your organization, choosing the appropriate container solution is critical for your long-term success. Be aware of the different container options in Azure, including ACI, ACA, AKS, and App Services.

- If additional resources are used during the episode, they can be obtained using the download link on the overview episode (e.g. diagrams, no powerpoints)

External Resources:

If external resources were used during this episode, you can reference the following external resources for supplementary tools and information, if none were used, then this section will be blank.:

- What is a container?
: <https://azure.microsoft.com/en-us/resources/cloud-computing-dictionary/what-is-a-container/>