**Summary**

Welcome to the Container Orchestration lesson!

Once a team has developed an application, the next phase is represented by the release process. This includes techniques for service packaging, containerization, and distribution. The end result of a product release is represented by a service that is deployed in a production environment and can be accessed by consumers.

In this lesson, we will discuss how an application can be packaged using Docker and released to a Kubernetes cluster. How to use Docker to create an image and how to deploy an application to Kubernetes

Overall, in this lesson we will explore:

* Docker for Application Packaging
* Container Orchestration with Kubernetes
* Kubernetes Resources
* Declarative Kubernetes Manifests