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# 40501-G: Microsoft Cloud Workshop: Cloud-Native Applications

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In this workshop, you will build a proof of concept (POC) that will transform an existing PaaS application to a container-based application. This POC will deliver a multi-tenant web app hosting solution leveraging Azure Kubernetes Service (AKS), Docker containers on Linux nodes, and a migration from MongoDB to CosmosDB.

## Objectives

- At the end of this workshop, you will be better able to improve the reliability of and increase the release cadence of your container-based applications through time-tested DevOps practices.

## Prerequisites

Workshop content presumes 300-level of architectural expertise of infrastructure and solutions design. We suggest students take this prerequisite prior to attending this workshop.

- Microsoft Azure Essentials course

## Topics

- Whiteboard Design Session - Containers and DevOps
- Hands-on Lab - Containers and DevOps