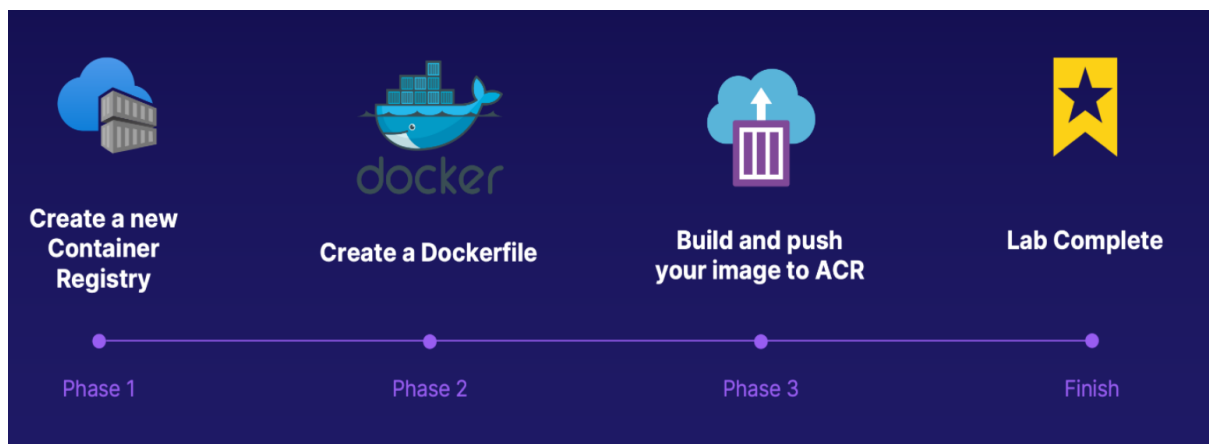# Build and Run a Container using Azure ACR Tasks

Introduction

Your manager asks you to run a container, but you don't have Docker installed on your desktop. You've recently learned about Azure ACR Tasks built into Cloud Shell and decide to give it a try. Your goal is to create a new container registry and use ACR Tasks to build, push and run the container in Azure.

Start Cloud Shell

1. Click the Cloud Shell icon (>_) in the upper right.
2. Select Bash.
3. Click Show advanced settings.
4. Change Cloud Shell Region to the same region as the existing resource group.
5. For Storage account, select Use existing.
6. For File share, select Create new and give it a name of "fileshare".
7. Click Create storage.

Create a New Container Registry

1. In the Azure portal, click the listed resource group name.

2. Copy it to your clipboard.

3. Create a new container registry, replacing <RESOURCE_GROUP_NAME> with the name you just copied:

   **az acr create --resource-group <RESOURCE_GROUP_NAME> **
   --name acrbuildcontainer11 --sku Basic --admin-enabled true

4. Change the directory to clouddrive:

cd /home/cloud/clouddrive

5. Create a Dockerfile:

echo "FROM hello-world" > Dockerfile

Build an Image and Push to ACR

Build and push the image to Azure Container Registry using the newly created Dockerfile:

**az acr build --image sample/hello-world:v1 --registry acrbuildcontainer11 \
--file Dockerfile .**

In the Azure portal, refresh All resources to view the newly created container registry with the sample/hello-world repository.

Run the New Container

Run the container:

**az acr run --registry acrbuildcontainer11 --cmd '$Registry/sample/hello-world:v1'
/dev/null**