12-07-2023:

Requirement :

Java Project

Azure DevOps

AKS

Docker

Private Network

API Management

Need to know:

Azure Key-vault

Deployment Strategies

<https://github.com/microsoft/azure-pipelines-yaml/blob/master/design/deployment-strategies.md>

Blue-green deployment strategies:

<https://techgenix.com/azure-devops-bluegreen-deployments/>

Java Project configuration link:

<https://www.youtube.com/watch?v=yvpQBj7RbTI>

Java project:

<https://learn.microsoft.com/en-us/azure/devops/pipelines/create-first-pipeline?view=azure-devops&tabs=java%2Ctfs-2018-2%2Cbrowser>

How to read docker image and build docker image in azure pipeline

How to defined multiple stage url in azure devops like(

Dev ---- https://azuredevops-dev.com, (variable group different, secret different)

Stage— https://azuredevops-stage.com ( variable group different, secret different)

Prod ---- <https://azuredevops-prod.com> (secrets are different)

Pipeline variable: this is also same but individual applying variable like database password.

Variable groups –while releasing pipeline will reading and deploying application

POC:

Bitbucket

Java

Docker image

AKS

Azure DevOps (YAML/Classic pipeline)