trigger: none # CD runs only when you manually create a release

resources:

pipelines:

- pipeline: build

source: ccdc-batch-jobs # <-- name (not ID) of your CI pipeline

trigger: true # every successful CI run starts CD

variables:

- group: Batch-CD-Config # variable group created in step 1

stages:

- stage: Deploy

displayName: 'Deploy to Azure Batch'

jobs:

- job: BatchDeploy

displayName: 'Upload, register, run task'

pool:

vmImage: 'ubuntu-latest'

steps:

# 1. download the artifact that CI produced

- download: build

artifact: pythonApp

# 2. run all Batch + Storage CLI in one AzureCLI@2 task

- task: AzureCLI@2

inputs:

azureSubscription: 'MyServiceConnection'

scriptType: bash

scriptLocation: inlineScript

inlineScript: |

set -e

# ---------- variables ----------

ZIP\_PATH="$(System.DefaultWorkingDirectory)/pythonApp/app.zip"

VERSION="$(Build.BuildId)" # use CI build‑ID as package version

POOL\_ID="pool-$(date +%s)"

JOB\_ID="job-$(date +%s)"

echo "Uploading $ZIP\_PATH to blob storage ..."

az storage blob upload \

--account-name $(storageAccount) \

--container-name $(container) \

--name ${VERSION}.zip \

--file "$ZIP\_PATH" \

--overwrite

echo "Creating / updating Batch application package ..."

az batch application create \

--application-id $(appId) \

--account-name $(batchAccount) || true

az batch application package create \

--application-id $(appId) \

--version ${VERSION} \

--format zip \

--file "$ZIP\_PATH" \

--account-name $(batchAccount)

az batch application set \

--application-id $(appId) \

--default-version ${VERSION} \

--account-name $(batchAccount)

echo "Creating pool $POOL\_ID ..."

az batch pool create \

--id $POOL\_ID \

--vm-size $(vmSize) \

--target-dedicated-nodes 1 \

--image $(nodeImage) \

--node-agent-sku-id "$(nodeSku)" \

--account-name $(batchAccount)

echo "Creating job $JOB\_ID ..."

az batch job create \

--id $JOB\_ID \

--pool-id $POOL\_ID \

--account-name $(batchAccount)

echo "Submitting task ..."

az batch task create \

--job-id $JOB\_ID \

--task-id runtask \

--application-package-references $(appId)#${VERSION} \

--command-line "/bin/bash -c 'python3 main.py'" \

--account-name $(batchAccount)

echo "🎉 Deployment finished — task submitted."