# Step 3. Create Auto pool

- task: AzureCLI@2

displayName: 'Create Azure Batch Job with Auto Pool'

inputs:

azureSubscription: 'CCDC-DEV-UAT-SPN'

scriptType: 'bash'

scriptLocation: 'inlineScript'

inlineScript: |

set -e

echo "Logging into Azure Batch account..."

# Login to the batch account

az batch account login \

--name $(BatchAccount) \

--resource-group $(batchResourceGroup)

echo "Successfully logged in to batch account"

# Job configuration with auto-pool

jobId="$(appId)-$(Build.BuildId)-$(Release.ReleaseId)-$(Release.AttemptNumber)"

echo "Creating job with ID: $jobId"

# Create job with auto-pool specification

cat > job.json <<EOF

{

"id": "$jobId",

"poolInfo": {

"autoPoolSpecification": {

"autoPoolIdPrefix": "autopool",

"poolLifetimeOption": "job",

"keepAlive": false,

"pool": {

"vmSize": "$(vmSize)",

"virtualMachineConfiguration": {

"imageReference": {

"publisher": "canonical",

"offer": "0001-com-ubuntu-server-focal",

"sku": "20\_04-lts",

"version": "latest"

},

"nodeAgentSKUId": "batch.node.ubuntu 20.04"

},

"targetDedicatedNodes": 1

}

}

}

}

EOF

# Create job with auto-pool

az batch job create --json-file job.json

# Clean up temp file

rm -f job.json

echo "Job $jobId created successfully with auto-pool"

2nd method:

# Step 3. Create Auto pool (PowerShell version)

- task: AzureCLI@2

displayName: 'Create Azure Batch Job with Auto Pool'

inputs:

azureSubscription: 'CCDC-DEV-UAT-SPN'

scriptType: 'ps'

scriptLocation: 'inlineScript'

inlineScript: |

# Login to the batch account

az batch account login `

--name $(BatchAccount) `

--resource-group $(batchResourceGroup)

if ($LASTEXITCODE -ne 0) {

Write-Error "Failed to login to batch account"

exit 1

}

Write-Host "Successfully logged in to batch account"

# Job configuration with auto-pool

$jobId = "$(appId)-$(Build.BuildId)-$(Release.ReleaseId)-$(Release.AttemptNumber)"

# Create job with auto-pool specification

$jobJson = @"

{

"id": "$jobId",

"poolInfo": {

"autoPoolSpecification": {

"autoPoolIdPrefix": "autopool",

"poolLifetimeOption": "job",

"keepAlive": false,

"pool": {

"vmSize": "$(vmSize)",

"virtualMachineConfiguration": {

"imageReference": {

"publisher": "canonical",

"offer": "0001-com-ubuntu-server-focal",

"sku": "20\_04-lts",

"version": "latest"

},

"nodeAgentSKUId": "$(nodeSku)"

},

"targetDedicatedNodes": 1

}

}

}

}

"@

# Save JSON to temporary file

$tempFile = [System.IO.Path]::GetTempFileName()

$jobJson | Out-File -FilePath $tempFile -Encoding UTF8

# Create job with auto-pool

az batch job create --json-file $tempFile

$result = $LASTEXITCODE

# Clean up temp file

Remove-Item $tempFile -Force

if ($result -ne 0) {

Write-Error "Job creation with auto-pool failed"

exit 1

}

Write-Host "Job $jobId created successfully with auto-pool"