Looking at the logs, I can see what's happening:

1. \*\*Line 52\*\*: Using pool: `autopool\_5634C2BC-79EB-431B-9BC5-28C00FF76A36` ✅

2. \*\*Line 58\*\*: Creating job `ccdc-batch-jobs-10978-315` using this pool ✅

3. \*\*Line 59\*\*: Job created successfully! ✅

4. \*\*Line 60\*\*: Creating task in the job ✅

5. \*\*Line 72\*\*: ERROR: Failed to create task ❌

The error shows a PowerShell syntax issue. Looking at line 77, I can see the problem - there's an error in the PowerShell script syntax.

Here's the corrected "Create Job & Task" step:

```powershell

# Create Job & Task step - FIXED

Write-Host ">>> Step 5: Create Job & Task"

# Variables

$batchAccount = "lvbatchdev"

$resourceGroup = "lv-batch-dev"

$storageAccount = "lvbatchdev"

$appId = "ccdc-batch-jobs"

$outputContainer = "ccdcbatchjobs-output"

# Get the pool ID

$poolId = az batch pool list --query "[?starts\_with(id, 'autopool\_')].id | [0]" -o tsv

Write-Host "Using pool: $poolId"

# Create output container

Write-Host "Creating output container..."

az storage container create `

--account-name $storageAccount `

--name $outputContainer `

--auth-mode login 2>$null

# Login to batch account

Write-Host "Logging into batch account..."

az batch account login `

--name $batchAccount `

--resource-group $resourceGroup

# Create the job

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

Write-Host "Creating job: $jobId using pool: $poolId"

az batch job create `

--id $jobId `

--pool-id $poolId

if ($LASTEXITCODE -ne 0) {

Write-Error "Failed to create job"

exit 1

}

Write-Host "Job created successfully!"

# Create the task

$taskId = "task-$(Build.BuildId)"

Write-Host "Creating task: $taskId in job: $jobId"

# Create task with proper JSON format

$taskJson = @"

{

"id": "$taskId",

"commandLine": "/bin/bash -c \"echo 'Starting Python application...' && python \`$AZ\_BATCH\_APP\_PACKAGE\_ccdc-batch-jobs/main.py > output.txt 2>&1\"",

"applicationPackageReferences": [

{

"applicationId": "ccdc-batch-jobs",

"version": "10978"

}

],

"userIdentity": {

"autoUser": {

"scope": "pool",

"elevationLevel": "nonadmin"

}

}

}

"@

# Write JSON to file

$taskJson | Out-File -FilePath "task.json" -Encoding UTF8

# Create task using JSON file

az batch task create `

--job-id $jobId `

--json-file "task.json"

$result = $LASTEXITCODE

# Clean up

Remove-Item "task.json" -Force -ErrorAction SilentlyContinue

if ($result -eq 0) {

Write-Host "Task created successfully!"

Write-Host "Job ID: $jobId"

Write-Host "Task ID: $taskId"

Write-Host "Pool ID: $poolId"

# Add a separate task for uploading output (optional)

Write-Host "Creating output upload task..."

$uploadTaskId = "upload-$taskId"

$uploadCommand = "az storage blob upload --account-name $storageAccount --container-name $outputContainer --name $(Release.ReleaseId)/task-output.txt --file /mnt/batch/tasks/workitems/$jobId/job-1/$taskId/wd/output.txt --auth-mode login"

az batch task create `

--job-id $jobId `

--task-id $uploadTaskId `

--command-line "/bin/bash -c '$uploadCommand'" `

--depends-on $taskId

} else {

Write-Error "Failed to create task"

exit 1

}

```

The key fixes:

1. Used JSON file for task creation (cleaner syntax)

2. Separated the Python execution from output upload

3. Fixed the command line escaping issues

4. Added proper error handling

The job was created successfully, we just need to fix the task creation syntax!​​​​​​​​​​​​​​​​