# Add this debug step before Step 3 to understand the auth issue

- task: AzureCLI@2

displayName: 'Debug - Check Batch Account Access'

inputs:

azureSubscription: 'CCDC-DEV-UAT-SPN'

scriptType: 'bash'

scriptLocation: 'inlineScript'

inlineScript: |

echo "=== Checking Azure Context ==="

az account show

echo -e "\n=== Checking Batch Account Details ==="

az batch account show \

--name $(BatchAccount) \

--resource-group $(batchResourceGroup)

echo -e "\n=== Checking Batch Account Keys (if authorized) ==="

az batch account keys list \

--name $(BatchAccount) \

--resource-group $(batchResourceGroup) 2>/dev/null || echo "Cannot access keys"

echo -e "\n=== Testing Batch Login Methods ==="

# Method 1: Using account keys

echo "Method 1: Login with account keys..."

az batch account login \

--name $(BatchAccount) \

--resource-group $(batchResourceGroup) \

--shared-key-auth

if [ $? -eq 0 ]; then

echo "Successfully logged in with shared key auth"

# Try to list jobs

echo -e "\n=== Listing existing jobs ==="

az batch job list --query "[].id" -o tsv || echo "No jobs found or error listing jobs"

else

echo "Failed to login with shared key auth"

fi

# Method 2: Using AAD auth

echo -e "\nMethod 2: Login with AAD..."

az batch account login \

--name $(BatchAccount) \

--resource-group $(batchResourceGroup)

if [ $? -eq 0 ]; then

echo "Successfully logged in with AAD auth"

else

echo "Failed to login with AAD auth"

fi

echo -e "\n=== Checking Service Principal Permissions ==="

CURRENT\_USER=$(az account show --query user.name -o tsv)

echo "Current user/principal: $CURRENT\_USER"

# Check specific Batch permissions

SUBSCRIPTION\_ID=$(az account show --query id -o tsv)

BATCH\_RESOURCE\_ID="/subscriptions/$SUBSCRIPTION\_ID/resourceGroups/$(batchResourceGroup)/providers/Microsoft.Batch/batchAccounts/$(BatchAccount)"

echo -e "\nRole assignments for current principal:"

az role assignment list \

--assignee "$CURRENT\_USER" \

--scope "$BATCH\_RESOURCE\_ID" \

--query "[].{Role:roleDefinitionName, Scope:scope}" \

-o table