**Task 2: Set up a CI pipeline in Azure DevOps for a sample Node.js application. Include unit testing and artifact publishing.**

**Expected Outcome**: azure-devops-pipeline.yml, build logs, and test reports.

* **Node-cicd.yaml**

trigger:

- main

pool:

name: 'self-hosted-server'

demands:

- Agent.Version -gtVersion 4.0.0

steps:

- task: NodeTool@0

inputs:

versionSpec: '16.x'

displayName: 'Install Node.js'

- script: npm install

displayName: 'Install Dependencies'

- script: npm test

displayName: 'Run Unit Tests'

- script: |

mkdir -p $(Build.ArtifactStagingDirectory)/output

cp -r \* $(Build.ArtifactStagingDirectory)/output/

displayName: 'Prepare Artifact for Publishing'

- task: PublishBuildArtifacts@1

inputs:

pathToPublish: '$(Build.ArtifactStagingDirectory)/output'

artifactName: 'node-app'

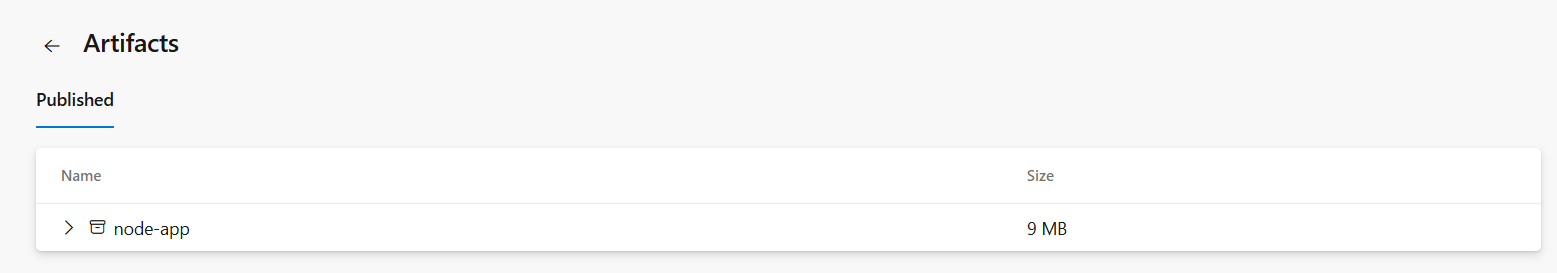
displayName: 'Publish Build Artifacts'

* **build-logs:**

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* **Test reports:**

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