**CHATGPT Generated YML Response**:

name: ASP.NET Workflow

on:

push:

branches:

- main

pull\_request:

branches:

- main

env:

AZURE\_STORAGE\_CONNECTION\_STRING: ${{ secrets.AZURE\_STORAGE\_CONNECTION\_STRING }}

SONARQUBE\_TOKEN: ${{ secrets.SONARQUBE\_TOKEN }}

jobs:

build:

runs-on: ubuntu-latest

steps:

- name: Checkout code

uses: actions/checkout@v2

- name: Setup .NET

uses: actions/setup-dotnet@v1

with:

dotnet-version: '5.0.x'

- name: Restore dependencies

run: dotnet restore

- name: Build and test

run: dotnet build --configuration Release --no-restore

# Add test commands here if applicable

- name: Publish artifacts to Azure Storage Blob

uses: azure/CLI@v1

with:

azcliversion: '2.30.0'

inlineScript: |

az storage blob upload-batch --source <path-to-artifacts> --destination <destination-container> --destination-path <destination-path> --connection-string ${{ env.AZURE\_STORAGE\_CONNECTION\_STRING }}

- name: Scan vulnerabilities with SonarQube

uses: SonarSource/sonarqube-scan-action@v1

with:

token: ${{ secrets.SONARQUBE\_TOKEN }}

projectKey: <sonarqube-project-key>

projectName: <sonarqube-project-name>

serverUrl: <sonarqube-server-url>

- name: Install Docker

uses: azure/docker-compose@v1

- name: Build Docker Compose files

run: docker-compose build

# Add additional Docker Compose commands if needed

**Changed YML Response:**

name: CICD Pipeline

on:

workflow\_dispatch:

push:

branches: [ manualTrigger ]

pull\_request:

branches: [ manualTrigger ]

env:

SONAR\_TOKEN: '75621cba6337eff300a0b42e8d68eb9d4cdbe709'

SONAR\_HOST\_URL: 'http://brillioonesonar.eastus.cloudapp.azure.com:9000'

defaults:

run:

working-directory: ./Pokedex

jobs:

build:

runs-on:

- self-hosted

- label-1

steps:

- uses: actions/checkout@v2

- name: Setup .NET

uses: actions/setup-dotnet@v1

with:

dotnet-version: 5.0.x

- name: Restore dependencies

run: dotnet restore

- name: Build

run: dotnet build --no-restore

- name: Test

run: dotnet test --no-build --verbosity normal --settings coverlet.runsettings

- name: Publish Artifacts

uses: azure/CLI@v1

with:

azcliversion: latest

inlineScript: |

az storage blob upload-batch --destination gen-ai-dotnet --source ./ --connection-string "${{ secrets.AZURE\_STORAGE\_CONNECTION\_STRING }}"

- name: SonarQube Scan

uses: SonarSource/sonarqube-scan-action@v1.2.0

with:

SONAR\_TOKEN: ${{env.SONAR\_TOKEN }}

projectKey: ${{ env.sonar.projectKey }}

projectName: ${{ env.sonar.projectName }}

SONAR\_HOST\_URL: ${{ env.SONAR\_HOST\_URL }}

- name: Install Docker

uses: azure/docker-compose@v1

- name: Docker compose up

run: docker-compose up -d