trigger:

  - sprint\_3.0\_dev

  - sp

pool: iagri-buildserver

variables:

  - group: CCE\_BE\_DEV

stages:

  - stage: build

    jobs:

      - job:

        steps:

          # - task: Bash@3

          #   inputs:

          #     targetType: 'inline'

          #     script: |

          #         sed -i 's|KEYVAULT\_URI|$(keyvaulturi)|g' $(Build.SourcesDirectory)/src/main/resources/application.yml

          #         sed -i 's|MY\_CLIENTID|$(keyvaultclient-id)|g' $(Build.SourcesDirectory)/src/main/resources/application.yml

          #         sed -i 's|MY\_CLIENTSECRET|$(keyvaultclient-key)|g' $(Build.SourcesDirectory)/src/main/resources/application.yml

          #       # sed -i 's||$(storageurl)|g' $(Build.SourcesDirectory)/src/main/resources/application.yml

          #     workingDirectory: '$(Build.SourcesDirectory)'

          #   displayName: "Setting varibles for DEV environmetn"

          # # - task: MavenAuthenticate@0

          # #   inputs:

          # #     artifactsFeeds: 'AzureBE'

          # #     mavenServiceConnections: 'maven\_svc\_AzureBE'

          - task: Maven@3

            inputs:

              mavenPomFile: 'pom.xml'

              goals: 'clean package'

              publishJUnitResults: false

              javaHomeOption: 'Path'

              jdkDirectory: '/usr/lib/jvm/java-11-openjdk-amd64'

              mavenVersionOption: 'Path'

              mavenDirectory: '/usr/share/maven'

              mavenSetM2Home: false

              mavenAuthenticateFeed: false

              effectivePomSkip: true

              sonarQubeRunAnalysis: false

            displayName: "Building the cce backend "

          - task: CopyFiles@2

            displayName: 'Copy Files to: staging directory'

            inputs:

              SourceFolder: '$(system.defaultworkingdirectory)'

              Contents: |

               \*\*/target/\*.war

              TargetFolder: '$(build.artifactstagingdirectory)'

          # - script: |

          #     mkdir "$(date +"%d-%m-%Y")"

          #     cp $(system.defaultworkingdirectory)/target/\*.war $(system.defaultworkingdirectory)/$(date +"%d-%m-%Y")

          #     echo "Build.BuildId $(Build.BuildId)"

          #     echo "Build.BuildNumber $(Build.BuildNumber)"

          #     echo "Environment.Name $(Environment.Name)"

          #     echo "Environment.ResourceName $(Environment.ResourceName)"

          #     pwd

          #     cd $(system.defaultworkingdirectory)/$(date +"%d-%m-%Y")

          #     ls

          - task: PublishBuildArtifacts@1

            displayName: 'Publish Artifact: drop'

            inputs:

              PathtoPublish: '$(build.artifactstagingdirectory)'

  - stage: Deploy

    condition: eq(variables['Build.SourceBranch'], 'refs/heads/sprint\_3.0\_dev')

    displayName: 'Deployment Stage'

    jobs:

    - deployment: VMDeploy

      displayName: Deploy to VM

      environment:

        name: dev01

        resourceName: Prod01-vm-base

        resourceType: virtualMachine

      strategy:

        runOnce:

          deploy:

            steps:

              - task: DownloadPipelineArtifact@2

                displayName: 'Download WAR artifacts'

                inputs:

                  artifactName: 'drop'

                  downloadPath: '$(System.ArtifactsDirectory)'

              - script: |

                   whoami

                   cd $(System.ArtifactsDirectory)

                   sudo mv $(System.ArtifactsDirectory)/target/\*.war /opt/tomcat/webapps/cce.war

                   sudo systemctl restart tomcat.service

We have deployed application using with cicd, build and deploy, here deploying process is ssh command,

For ssh command using we have to create a service connection in particular project.

Go to service connect-select new service connection.fill the details

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Above screen shot we have give the details, hostname means priovate ip for vm and port.

Create a new user and password in ubuntu exp: one user like development and password is development and provide full permission.

Sudo visudo

A screen shot of a computer screen

Description automatically generated

And we create folder in usermode like here

@development@ /home/azureuser/cce

Chown -R 777 /home/azureuser/cce it means cce folder having full permission.