Lab3. Jenkins 설치
  -다양한 설치 방법 가능

1. Jenkins WAR 방식으로 실행
    $ mkdir jenkins
    $ cd jenkins
    $ wget --no-check-certificate https://get.jenkins.io/war-stable/2.426.3/jenkins.war
    $ java –jar jenkins.jar --httpPort=8080

2. Docker로 설치하기
    -https://www.jenkins.io/download/ <---최신 버전 확인하기

    ※java와 javac 현재 버전 확인
      $ sudo update-alternatives --config java
      $ sudo update-alternatives --config javac
      $ java --version
      openjdk 17.0.10 2024-01-16 LTS
      OpenJDK Runtime Environment Corretto-17.0.10.7.1 (build 17.0.10+7-LTS)
      OpenJDK 64-Bit Server VM Corretto-17.0.10.7.1 (build 17.0.10+7-LTS, mixed mode, sharing)
      $ javac --version
      javac 17.0.10

    ⓐ $ docker run --name jk -p 8080:8080 -p 50000:50000 -v /var/run/docker.sock:/var/run/docker.sock -u root
    --restart=on-failure jenkins/jenkins:lts-jdk17

      …
      …

      ****
      ****
      ****

      Jenkins initial setup is required. An admin user has been created and a password generated.
      Please use the following password to proceed to installation:

      edbd384ca13a400b9a9d1f71d35efd93

      This may also be found at: /home/ubuntu/.jenkins/secrets/initialAdminPassword

      ****
      ****
      ****

      -Tabby의 별도의 세션을 오픈하여
        $ docker logs jk

      -initialAdminPassword의 값 복사
      -메모장에 붙여넣기 할 것
      -http://EC2 Instance Public IP:8080 접속 후
        Administrator password : <----- Admin 초기 패스워드 붙여넣기

    ⓑ Plugin Install 페이지에서, [Select plugins to install] 선택 > [Getting Started] 페이지에서, 상단의 [None] 선택 >
    [Install] 버튼 클릭

    ⓒ [Create First Admin User]에서
      -계정명 : admin
      -암호 : education
      -이름 :
      -값 입력 후 [Save and Continue] 클릭

60   ⓓ [Instance Configuration] 페이지에서, [Save and Finish] 클릭 > [Start using Jenkins] 클릭

61

62   ⓔ $ docker exec -it jk bash
63   ⓕ # cd /var/jenkins_home/plugins/
64   ⓖ # curl https://henry-jenkins.s3.ap-northeast-2.amazonaws.com/jenkins-plugin-jpi.tar.gz --output
jenkins-plugin-jpi.tar.gz
65   ⓗ # tar xvfz jenkins-plugin-jpi.tar.gz
66   ⓘ # exit
67   ⓙ $ docker stop jk
68   ⓚ $ docker start jk
69   ⓛ Jenkins logout --> Jenkins Login
70   ⓜ Jenkins의 Dashboard > Jenkins 관리 > Plugins > Installed plugins에서 확인

71

72

73 3. Jenkins Debian Packages
74   -https://www.jenkins.io/download/
75    $ sudo wget -O /usr/share/keyrings/jenkins-keyring.asc https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key
76    $ echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] ₩
77 https://pkg.jenkins.io/debian-stable binary/ | sudo tee ₩
78 /etc/apt/sources.list.d/jenkins.list > /dev/null
79    $ sudo apt-get update
80    $ sudo apt-get install fontconfig openjdk-17-jre
81    $ sudo apt-get install jenkins

82

83   -http://PUBLIC_IP:8080

84

85    $ sudo cat /var/lib/jenkins/secrets/initialAdminPassword
86   54aeaa121edf48caa40b674c2010c3d2   <---복사해서 브라우저에 붙여넣기

87

88   -[Customize Jenkins] 페이지에서, [Install suggested plugins] 선택
89   -[Create First Admin User]에서
90   -계정명 : admin
91   -암호 : education
92   -이름 :
93   -이메일 주소 :
94   -값 입력 후 [Save and Continue] 클릭
95   -[Save and Finish]
96   -[Start using Jenkins]