TASK 1-JENKINS (Installing and setting up Jenkins on a Linux machine)

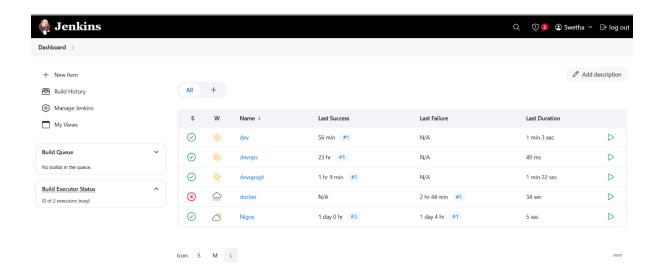
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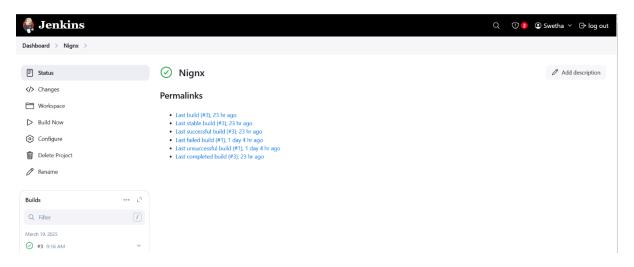
STEPS:

- 1. Install Jenkins using the following commands.
 - sudo wget -O /usr/share/keyrings/jenkins-keyring.asc \ https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key
 - echo "deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc]" \https://pkg.jenkins.io/debian-stable binary/ | sudo tee \/etc/apt/sources.list.d/jenkins.list > /dev/null
 - sudo apt-get update
 - sudo apt install fontconfig openjdk-17-jre
 - sudo apt-get install Jenkins
- 2. Log in to Jenkins.
- 3. Create a Freestyle project by clicking on "New Item," entering an item name (e.g., "Sample"), selecting "Freestyle Project," and clicking "OK."
- 4. Configure the job to install NGINX by clicking "Add Build Step," then selecting "Execute Shell" to run shell commands.
- 5. Save the job and click "Build Now" to execute it.
- 6. You can view the output in the "Console Output" section.
- 7. Verify the NGINX installation by checking your browser

Step 1: Login to the Jenkins page and create a Nginx item by using the new item in the dashboard after that give the description by writing the commands.



Step 2: After the commands given give save and apply and then give build now



Step 3: Verify the output in console output:

