CDEC - B24

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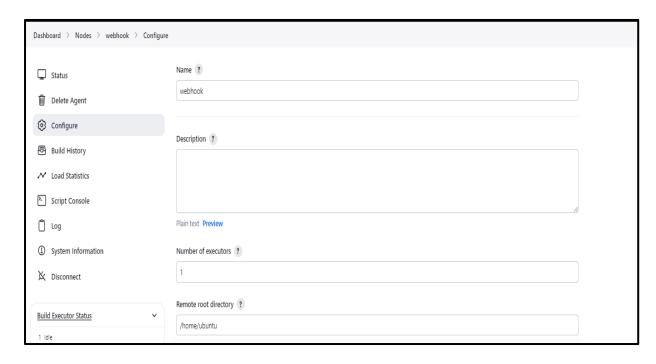
Task:- Webhook on Jenkins

1. Install the Jenkins on ec2 instance

- Install java
- Sudo apt update
- Sudo apt default-jdk install
- sudo apt update
- sudo apt install fontconfig openjdk-17-jre
 - install Jenkins
- sudo apt update
- sudo wget -O /etc/yum.repos.d/jenkins.repo \
- https://pkg.jenkins.io/redhat/jenkins.repo
- sudo rpm --import
 https://pkg.jenkins.io/redhat/jenkins.io-2023.key
- sudo dnf upgrade
- # Add required dependencies for the jenkins package
- sudo dnf install fontconfig java-17-openjdk
- sudo dnf install Jenkins

2. create the node (webhook)

a. Add the node IP address and Credentials.





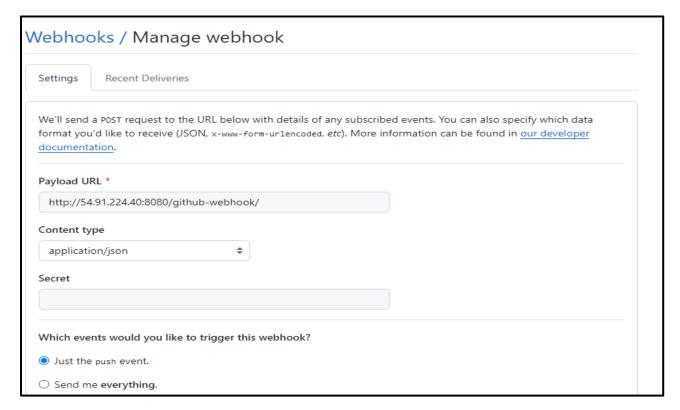
3. Create the pipeline



Build Triggers
Build after other projects are built ? Build periodically ? GitHub hook trigger for GITScm polling ?
Quiet period ? Trigger builds remotely (e.g., from scripts) ?

```
3. pipeline script:
  pipeline{
    agent {
      label 'agent1'
    stages{
      stage('Pulling from git'){
         steps{
           git branch: 'main', url:
  'https://github.com/chavhankunal/nginx.git/'
      }
      stage('hello')
         steps{
           echo 'Hello World'
```

5. Add IP Address on Github Repository Webhook



6. Changes in Github Repository and on Jenkins it automatically build.

