

SecurityGroup | EC2 | eu-north-1 | EC2 Instance Connect | eu-north-1 | Setup Wizard [Jenkins] | - | X

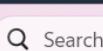
eu-north-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0dfe59b6b9d2d7e1a&osUser=ubuntu®ion=eu-north-1&sshPort=22#/

AWS Services Search [Alt+S] | | | | Stockholm | Velama Mokshagna | Q

```
root@ip-172-31-6-134:/home/ubuntu# git clone https://github.com/StarAgileDevOpsTraining/star-agile-insurance-project.git
Cloning into 'star-agile-insurance-project'...
remote: Enumerating objects: 160, done.
remote: Total 160 (delta 0), reused 0 (delta 0), pack-reused 160
Receiving objects: 100% (160/160), 19.82 MiB | 21.94 MiB/s, done.
Resolving deltas: 100% (48/48), done.
root@ip-172-31-6-134:/home/ubuntu# ls
jenkins.sh star-agile-insurance-project
root@ip-172-31-6-134:/home/ubuntu# cd star-agile-insurance-project
root@ip-172-31-6-134:/home/ubuntu/star-agile-insurance-project# ls
Dockerfile Jenkinsfile README.md ansible-playbook.yml mvnw mvnw.cmd pom.xml selenium-insure-me-runnable.jar src
root@ip-172-31-6-134:/home/ubuntu/star-agile-insurance-project#
```

i-0dfe59b6b9d2d7e1a (Master-Server) X

PublicIPs: 13.50.251.150 PrivateIPs: 172.31.6.134

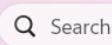


Getting Started

Getting Started

✓ Folders	✓ OWASP Markup Formatter	✓ Build Timeout	✓ Credentials Binding	** Structs ** Pipeline: Step API ** Token Macro Build Timeout ** Credentials ** Plain Credentials ** Variant ** SSH Credentials Credentials Binding ** SCM API ** Pipeline: API ** commons-lang3 v3.x Jenkins API
✓ Timestamper	✗ Workspace Cleanup	✗ Ant	✗ Gradle	Timestamper ** Caffeine API ** Script Security ** JavaBeans Activation Framework (JAF) API ** JAXB ** SnakeYAML API ** JSON API ** Jackson 2 API ** commons-text API ** Pipeline: Supporting APIs ** Plugin Utilities API ** - required dependency
✗ Pipeline	✗ GitHub Branch Source	✗ Pipeline: GitHub Groovy Libraries	✗ Pipeline Graph View	
✗ Git	✗ SSH Build Agents	✗ Matrix Authorization Strategy	✗ PAM Authentication	
✗ LDAP	✗ Email Extension	✗ Mailer	✗ Dark Theme	

Jenkins 2.452.1



AWS Services Search [Alt+S]

```
- name : Configure Docker on EC2 Instances
hosts : all
become: true
#connection : ssh
tasks :
- name: updating apt
  command : sudo apt-get update

- name : Install Docker
  command : sudo apt-get install -y docker.io
  become : yes
  become_user : root

- name : Start Docker Service
  command : sudo systemctl start docker
  become : yes
  become_user : root

- name: Deploy Docker Container
  command: docker run -itd -p 8084:8081 greesh07/greeshmanth:1
~
~
~
~
~
~
~
-- INSERT --
```

20, 42 All

i-0dfe59b6b9d2d7e1a (Master-Server) X

PublicIPs: 13.50.251.150 PrivateIPs: 172.31.6.134

eu-north-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=eu-north-1&connType=standard&instanceId=i-0dfe59b6b9d2d7e1a&osUser=ubuntu&sshPort=22#/

Services Search [Alt+S]

You can also use ranges for multiple hosts:

db-[99:101]-node.example.com

Ex 3: A collection of database servers in the 'dbservers' group:

[dbservers]

##

db01.intranet.mydomain.net

db02.intranet.mydomain.net

10.25.1.56

10.25.1.57

Ex4: Multiple hosts arranged into groups such as 'Debian' and 'openSUSE':

[Debian]

alpha.example.org

beta.example.org

[openSUSE]

green.example.com

blue.example.com

[dev]

13.48.56.108

-- INSERT --

55,13 Bot

i-0dfe59b6b9d2d7e1a (Master-Server)

PublicIPs: 13.50.251.150 PrivateIPs: 172.31.6.134

Configure

General

Advanced Project Options

Pipeline

```
1 * pipeline {
2     agent any
3     stages{
4         stage('build project'){
5             steps{
6                 git url:'https://github.com/StarAgileDevOpsTraining/star-agile-insurance-project.git'
7                 sh 'mvn clean package'
8             }
9         }
10        stage('Build docker image'){
11            steps{
12                script{
13                    sh 'docker build -t greeshmanth .'
14                }
15            }
16        }
17        stage('docker login'){
18            steps{
19                script{
20                    withCredentials([usernamePassword(credentialsId: 'docker-passwd', passwordVariable: 'PASS', usernameVariable: 'USER')])
21                    sh "echo $PASS | docker login -u $USER --password-stdin"
22                }
23            }
24        }
25    }
26    stage('docker tag and push'){
27        steps{
28            script{
29                sh "docker tag greeshmanth greesh07/greeshmanth:1"
30                sh "docker push greesh07/greeshmanth:1"
31            }
32        }
33    }
34    stage("Deploy"){
35        steps{
36            script{
37                ansiblePlaybook become: true, credentialsId: 'Ansible', disableHostKeyChecking: true, installation: 'Ansible', inventory:
38            }
39        }
40    }
41}
42}
43}
```

Save

Apply

Dashboard > banking-project > #21

```
[banking-project] $ ansible-playbook playbook.yml -i /etc/ansible/hosts -b --become-user root --private-key /var/lib/jenkins/workspace/banking-project/ssh433030295545112997.key -u ubuntu

PLAY [Configure Docker on EC2 Instances] ****
TASK [Gathering Facts] ****
ok: [13.48.56.108]

TASK [updating apt] ****
changed: [13.48.56.108]

TASK [Install Docker] ****
changed: [13.48.56.108]

TASK [Start Docker Service] ****
changed: [13.48.56.108]

TASK [Deploy Docker Container] ****
changed: [13.48.56.108]

PLAY RECAP ****
13.48.56.108 : ok=5    changed=4    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

[Pipeline] }
[Pipeline] // script
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

hub.docker.com/repository/docker/greesh07/greeshmanth/general

dockerhub Explore **Repositories** Organizations

greesh07 / [Repositories](#) / [greeshmanth](#) / [General](#)

Using 0 of 1 private repositories. [Get more](#)

General Tags Builds Collaborators Webhooks Settings

greesh07/greeshmanth

Updated 6 minutes ago

This repository does not have a description INCOMPLETE

This repository does not have a category INCOMPLETE

Docker commands

To push a new tag to this repository:

```
docker push greesh07/greeshmanth:tagname
```

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
1		Image	---	6 minutes ago

[See all](#)

Automated Builds

Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.

Available with Pro, Team and Business subscriptions. [Read more about automated builds](#).

Upgrade

Pipeline



Details

👤 Manually run by Velama Greeshmanth

⌚ Started 1 min 49 sec ago

⌛ Queued 2 ms

⌚ Took 1 min 24 sec

Jenkins 2.452.1



22:56

01-06-2024



eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#Instances:v=3;\$case=tags:true%5C,client:false;\$regex=tags:false%5C,client:false

Services Search [Alt+S]

EC2 Dashboard EC2 Global View Events Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations Images AMIs AMI Catalog Elastic Block Store Volumes Snapshots Lifecycle Manager Network & Security CloudShell Feedback

Instances (1/2) Info

Find Instance by attribute or tag (case-sensitive) All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Publ
<input checked="" type="checkbox"/> ansible-server	i-0ed471a00bf0a4cde	Running	t3.micro	2/2 checks passed	View alarms +	eu-north-1b	ec2-1
<input type="checkbox"/> Master-Server	i-0dfe59b6b9d2d7e1a	Running	t3.medium	2/2 checks passed	View alarms +	eu-north-1c	ec2-1

i-0ed471a00bf0a4cde (ansible-server)

Details Status and alarms New Monitoring Security Networking Storage Tags

Instance summary Info Public IPv4 address copied

Instance ID: i-0ed471a00bf0a4cde (ansible-server)

Private IPv4 addresses: 172.31.42.195

Public IPv4 DNS: ec2-13-48-56-108.eu-north-1.compute.amazonaws.com | open address ↗

IPv6 address: -

Instance state: Running

Hostname type: IP name: in-172-31-42-195.eu-north-1.compute.internal

Private IP DNS name (IPv4 only): in-172-31-42-195.eu-north-1.compute.internal

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ENG IN 22:57 01-06-2024 PRE

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OUR SERVICES

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