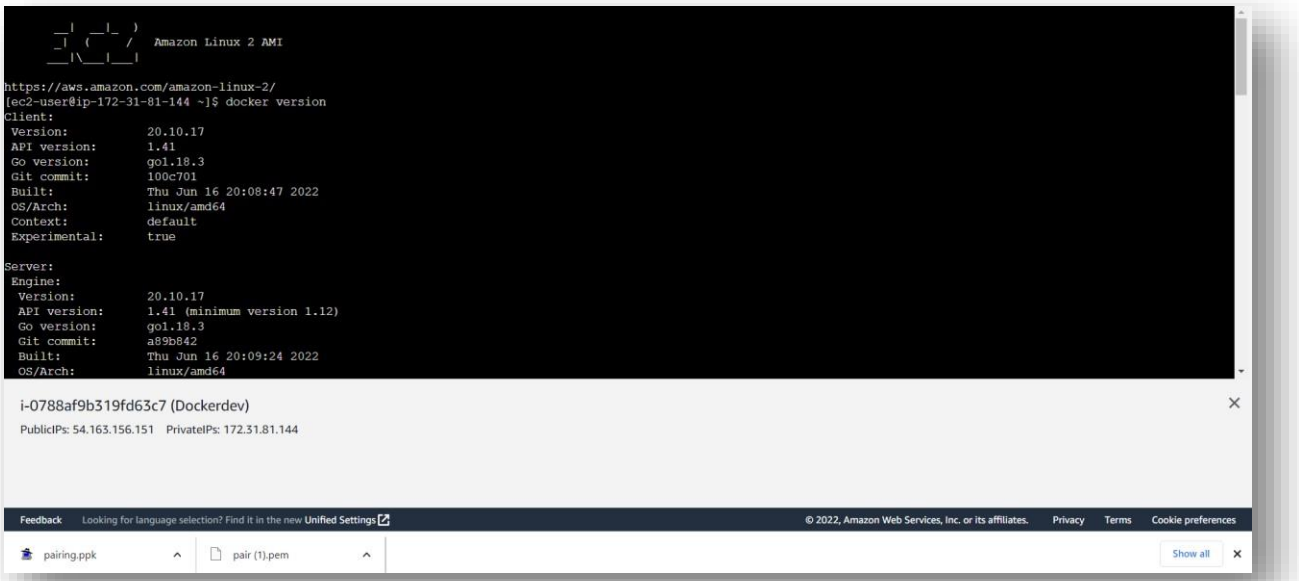
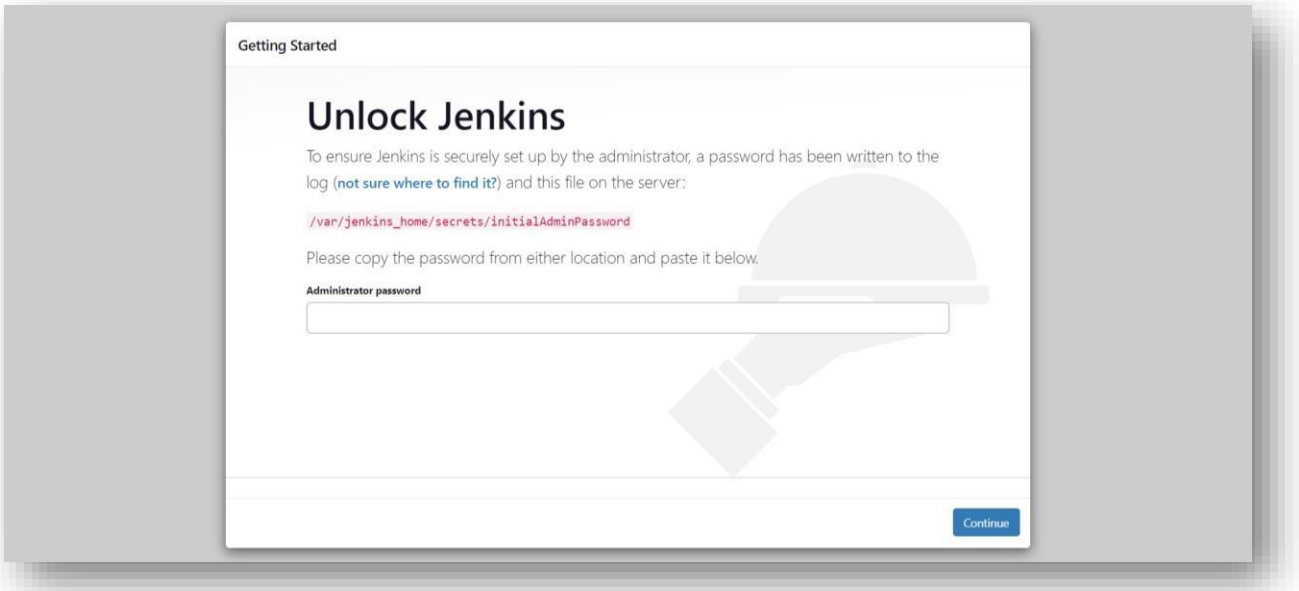
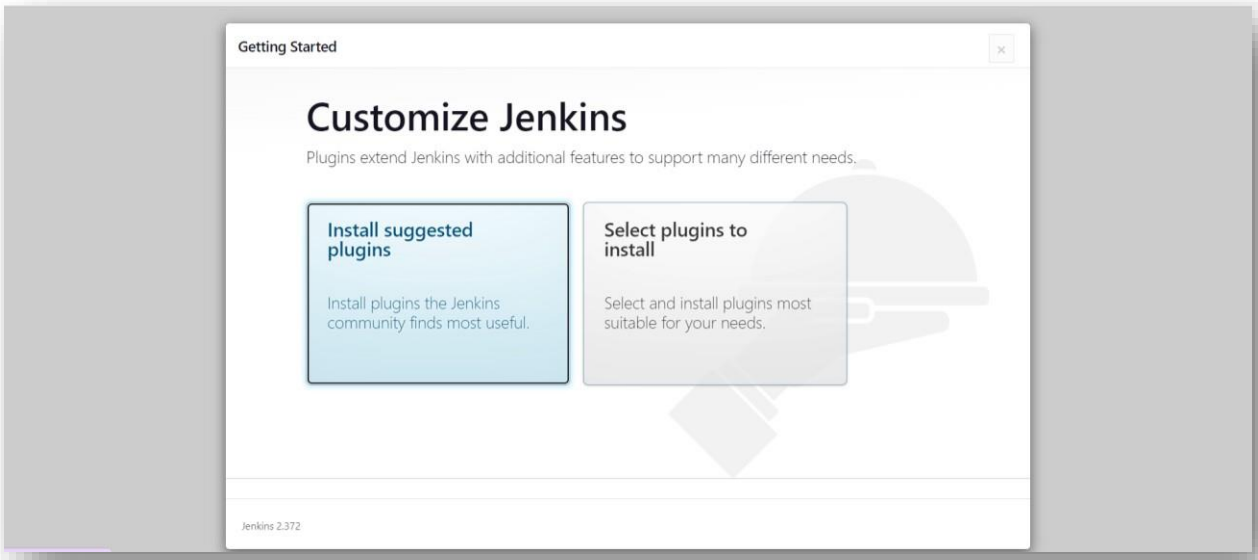
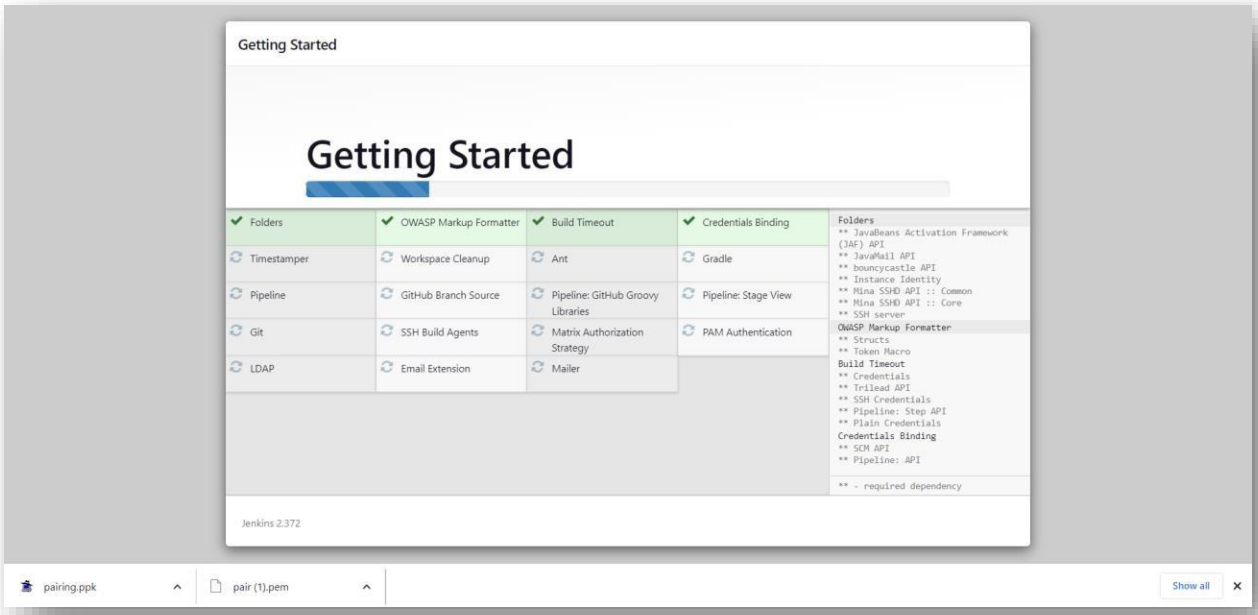
Output for setting Up Jenkins Pipeline to Deploy Docker Swarm:

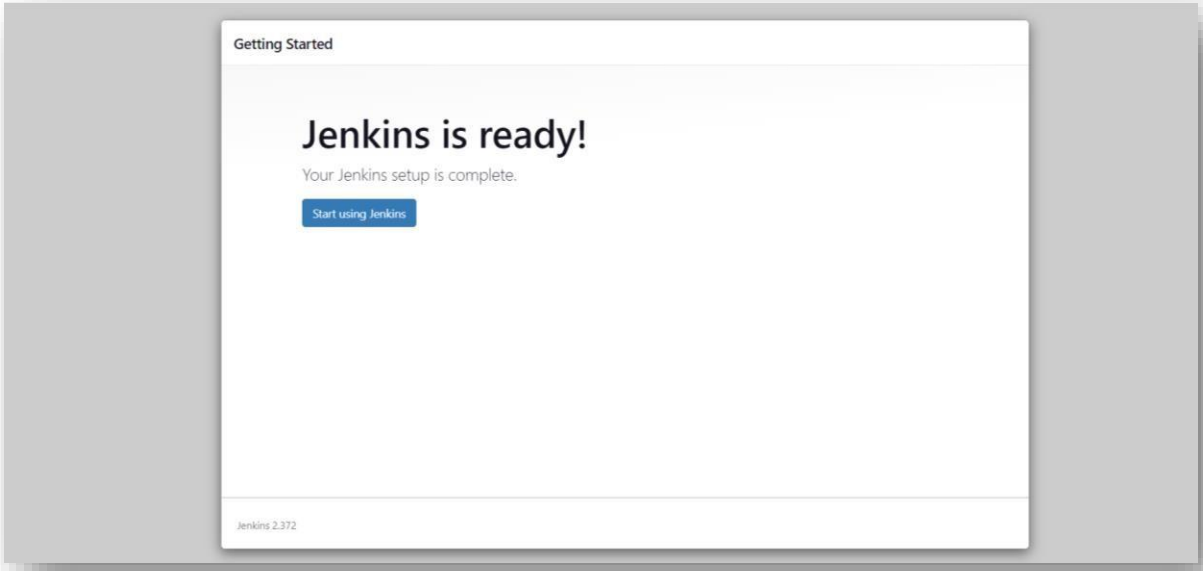


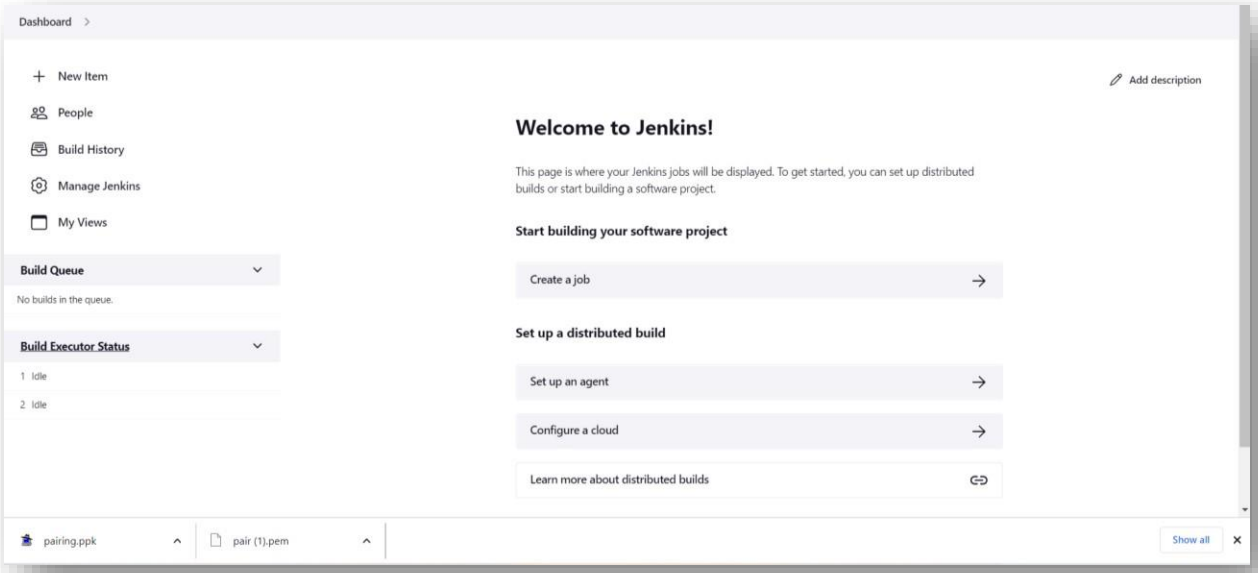


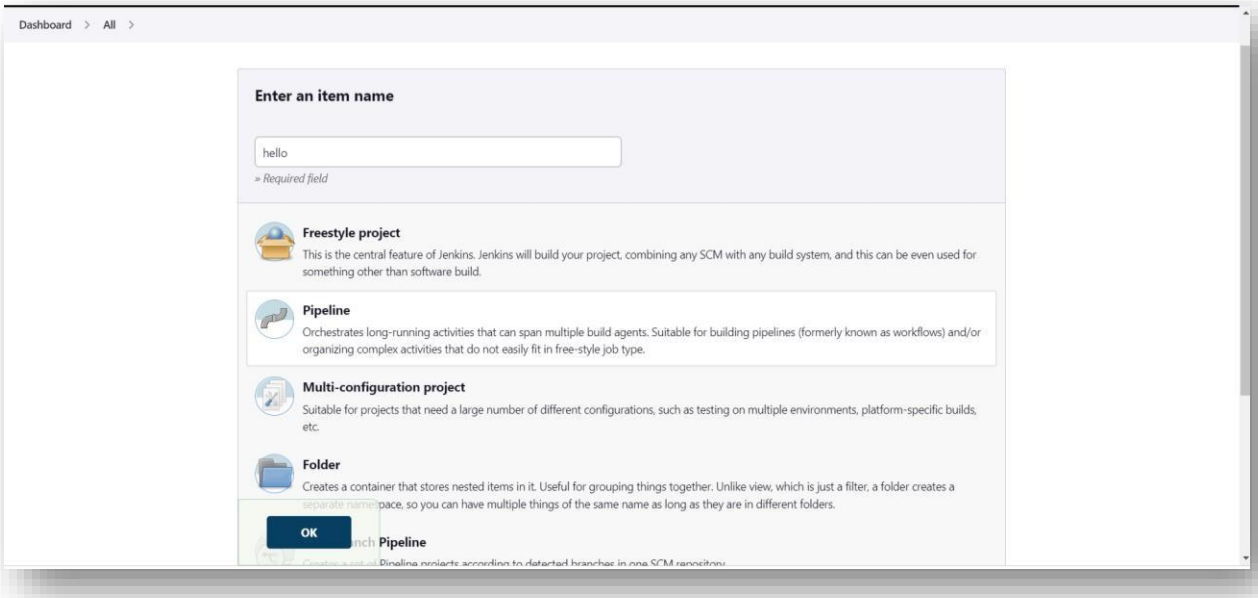
Getting Started
Unlock Jenkins
To ensure Jenkins is securely set up by the administrator, a password has been written to the log (not sure where to find it?) and this file on the server:
/var/jenkins_home/secrets/initialAdminPassword
Please copy the password from either location and paste it below.
Administrator password
Continue

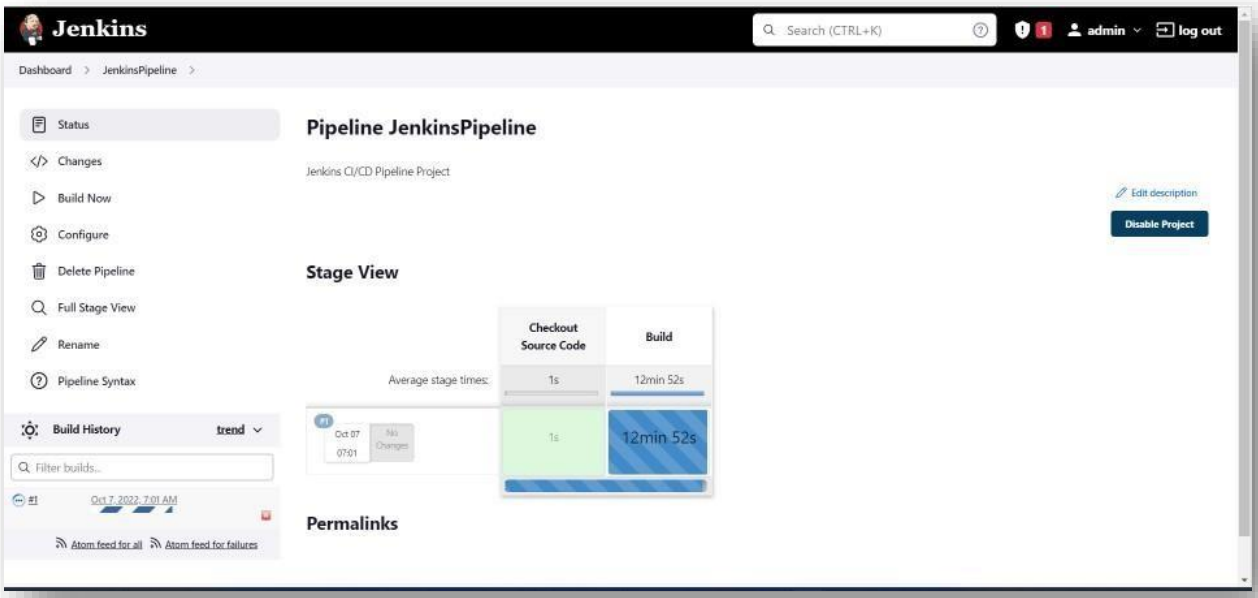

Getting Started
Customize Jenkins
Plugins extend Jenkins with additional features to support many different needs.
Install suggested plugins
Install plugins the Jenkins community finds most useful.
Select plugins to install
Select and install plugins most suitable for your needs.
Jenkins 2.372


Getting Started
Getting Started
Folders
OWASP Markup Formatter
Build Timeout
Credentials Binding
Timestamper
Workspace Cleanup
Ant
Gradle
Pipeline
GitHub Branch Source
Pipeline: GitHub Groovy Libraries
Pipeline: Stage View
Git
SSH Build Agents
Matrix Authorization Strategy
PAM Authentication
LDAP
Email Extension
Mailer
Folders
** JavaBeans Activation Framework (JAF) API
** JavaMail API
** bouncycastle API
** Instance Identity
** Mina SSHD API :: Common
** Mina SSHD API :: Core
** SSH server
OWASP Markup Formatter
** Structs
** Token Macro
Build Timeout
** Credentials
** Trilead API
** SSH Credentials
** Pipeline: Step API
** Plain Credentials
Credentials Binding
** SCM API
** Pipeline: API
** - required dependency
Jenkins 2.372
pairing.ppk
pair (1).pem
Show all

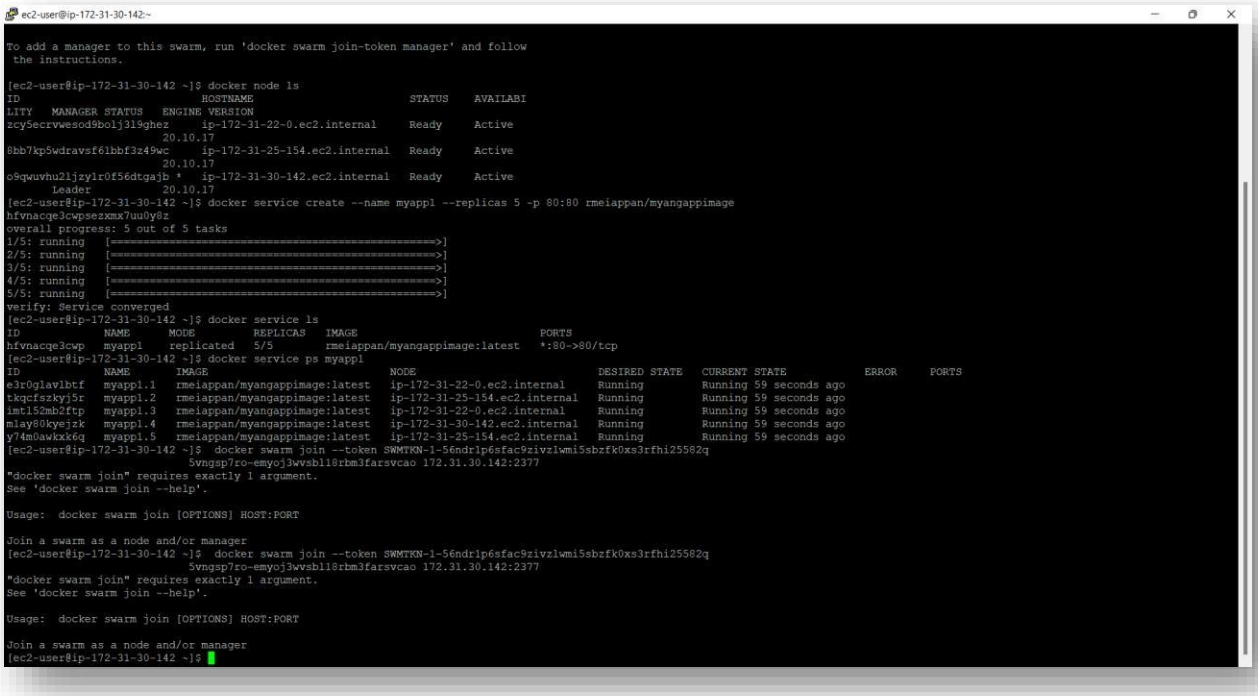

Getting Started
Jenkins is ready!
Your Jenkins setup is complete.
Start using Jenkins
Jenkins 2.372


Dashboard
New Item
People
Build History
Manage Jenkins
My Views
Build Queue
No builds in the queue.
Build Executor Status
1 Idle
2 Idle
Add description
Welcome to Jenkins!
This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.
Start building your software project
Create a job
Set up a distributed build
Set up an agent
Configure a cloud
Learn more about distributed builds
pairing.ppk
pair (1).pem
Show all

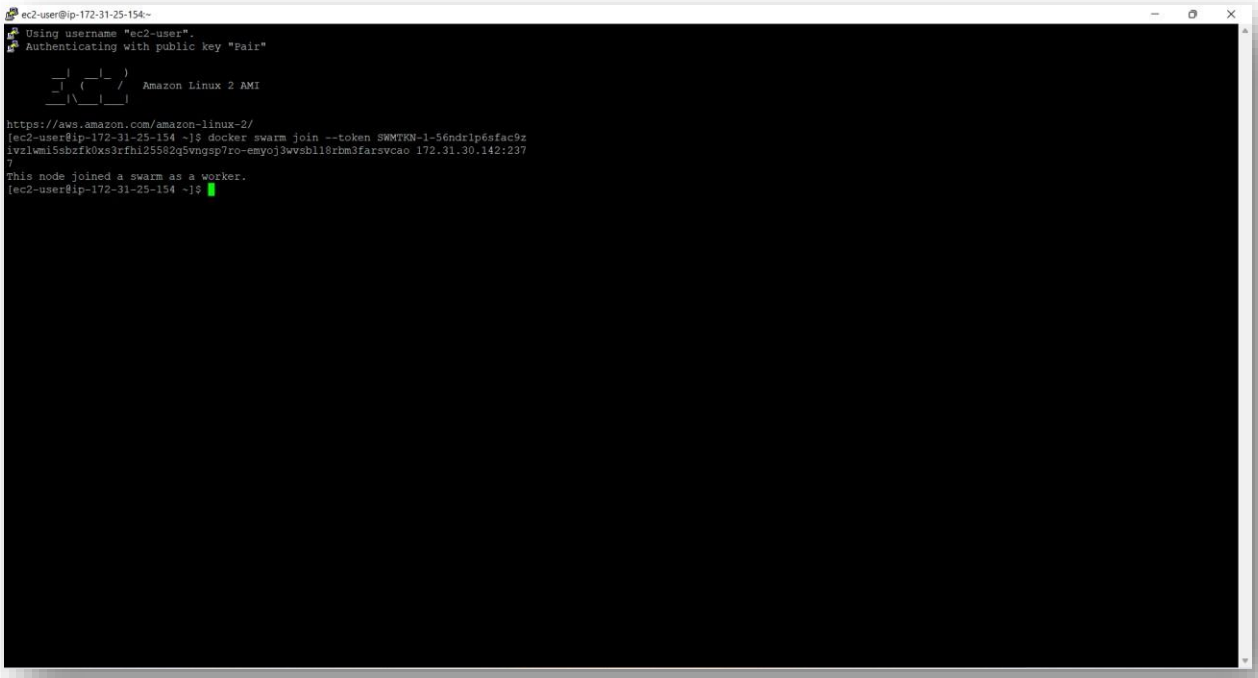

Dashboard
All
Enter an item name
hello
» Required field
Freestyle project
This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.
Pipeline
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.
Multi-configuration project
Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.
Folder
Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.
OK
Pipeline

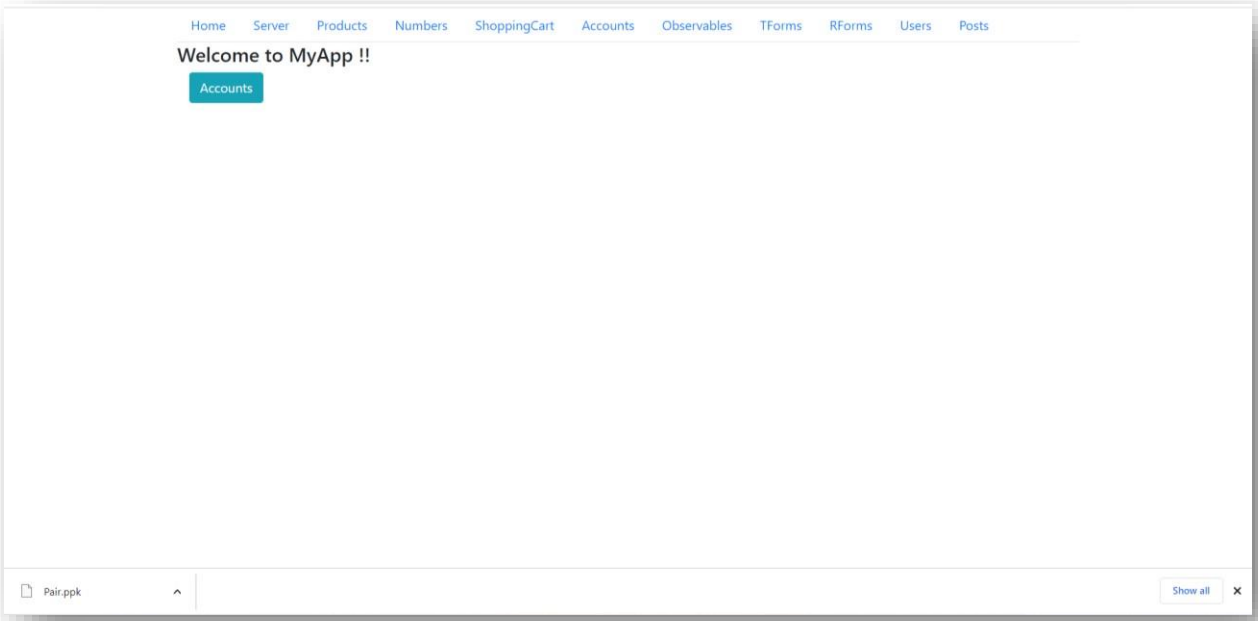


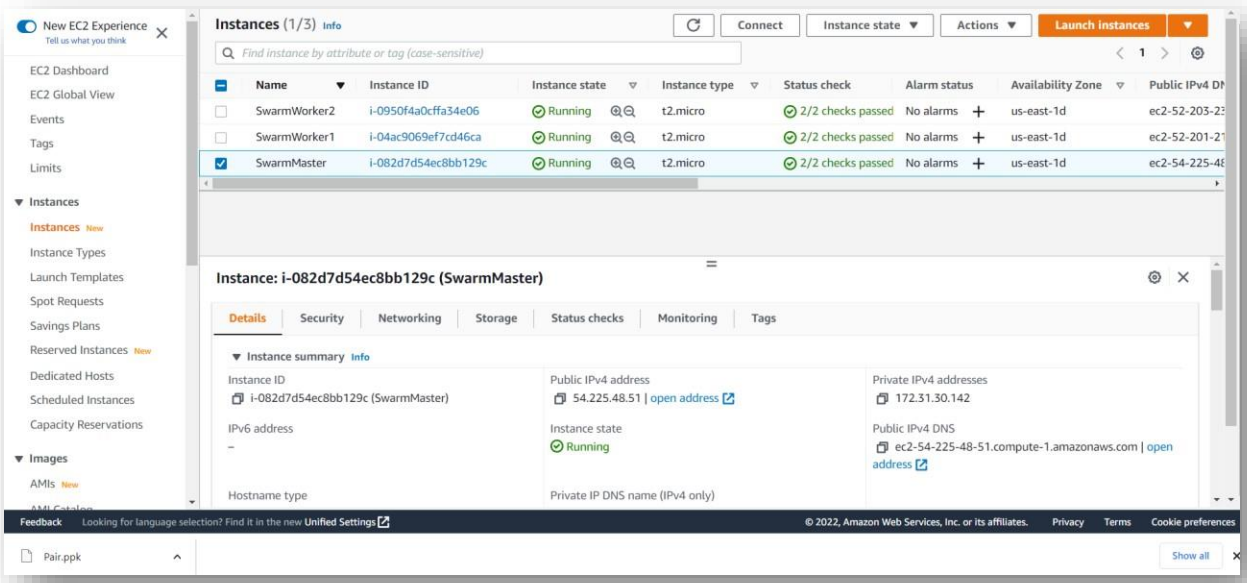
DockerSwarm:


ec2-user@ip-172-31-30-142:~
To add a manager to this swarm, run 'docker swarm join-token manager' and follow
the instructions.
[ec2-user@ip-172-31-30-142 ~]$ docker node ls
ID HOSTNAME STATUS AVAILABI
LITY MANAGER STATUS ENGINE VERSION
zcy5ecrvwesod9bolj319ghez ip-172-31-22-0.ec2.internal Ready Active
20.10.17
8bb7kp5wdravsf61bbf3z49wc ip-172-31-25-154.ec2.internal Ready Active
20.10.17
o9qwuvhu2ljzylr0f56dtgajb * ip-172-31-30-142.ec2.internal Ready Active
Leader 20.10.17
[ec2-user@ip-172-31-30-142 ~]$ docker service create --name myappl --replicas 5 -p 80:80 rmeiappan/myangappimage
hfvnacqe3cwpsezxmx7uu0y8z
overall progress: 5 out of 5 tasks
1/5: running [==>]
2/5: running [==>]
3/5: running [==>]
4/5: running [==>]
5/5: running [==>]
verify: Service converged
[ec2-user@ip-172-31-30-142 ~]$ docker service ls
ID NAME MODE REPLICAS IMAGE PORTS
hfvnacqe3cwp myappl replicated 5/5 rmeiappan/myangappimage:latest *:80->80/tcp
[ec2-user@ip-172-31-30-142 ~]$ docker service ps myappl
ID NAME IMAGE NODE DESIRED STATE CURRENT STATE ERROR PORTS
e3r0glav1btf myappl.1 rmeiappan/myangappimage:latest ip-172-31-22-0.ec2.internal Running Running 59 seconds ago
tkqcfszkyj5r myappl.2 rmeiappan/myangappimage:latest ip-172-31-25-154.ec2.internal Running Running 59 seconds ago
imtl52mb2ftp myappl.3 rmeiappan/myangappimage:latest ip-172-31-22-0.ec2.internal Running Running 59 seconds ago
mlay80kyejzk myappl.4 rmeiappan/myangappimage:latest ip-172-31-30-142.ec2.internal Running Running 59 seconds ago
y74m0awkxk6q myappl.5 rmeiappan/myangappimage:latest ip-172-31-25-154.ec2.internal Running Running 59 seconds ago
[ec2-user@ip-172-31-30-142 ~]$ docker swarm join --token SWMTKN-1-56ndr1p6sfac9zivzlwmi5sbzfk0xs3rfhi25582q
5vngsp7ro-emyoj3wvsbl18rbm3farsvcao 172.31.30.142:2377
"docker swarm join" requires exactly 1 argument.
See 'docker swarm join --help'.
Usage: docker swarm join [OPTIONS] HOST:PORT
Join a swarm as a node and/or manager
[ec2-user@ip-172-31-30-142 ~]$ docker swarm join --token SWMTKN-1-56ndr1p6sfac9zivzlwmi5sbzfk0xs3rfhi25582q
5vngsp7ro-emyoj3wvsbl18rbm3farsvcao 172.31.30.142:2377
"docker swarm join" requires exactly 1 argument.
See 'docker swarm join --help'.
Usage: docker swarm join [OPTIONS] HOST:PORT
Join a swarm as a node and/or manager
[ec2-user@ip-172-31-30-142 ~]$

ec2-user@ip-172-31-22-0:~
Using username "ec2-user".
Authenticating with public key "Pair"
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-22-0 ~]$ docker swarm join --token SWMTKN-1-56ndr1p6sfac9ziv
zlwmi5sbzfk0xs3rfhi25582q5vngsp7ro-emyoj3wvsbl18rbm3farsvcao 172.31.30.142:2377
This node joined a swarm as a worker.
[ec2-user@ip-172-31-22-0 ~]$


ec2-user@ip-172-31-25-154:~
Using username "ec2-user".
Authenticating with public key "Pair"
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-25-154 ~]$ docker swarm join --token SWMTKN-1-56ndrlp6sfac9z
ivzlwmi5sbzfk0xs3rfhi25582q5vngsp7ro-emyoj3wvsbl10rbm3farsvcao 172.31.30.142:237
7
This node joined a swarm as a worker.
[ec2-user@ip-172-31-25-154 ~]$


Home
Server
Products
Numbers
ShoppingCart
Accounts
Observables
TForms
RForms
Users
Posts
Welcome to MyApp !!
Accounts
Pair.ppk
Show all


New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances New
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances New
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs New
Instances (1/3) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DN
SwarmWorker2
i-0950f4a0cffa34e06
Running
t2.micro
2/2 checks passed
No alarms
us-east-1d
SwarmWorker1
i-04ac9069ef7cd46ca
Running
t2.micro
2/2 checks passed
No alarms
us-east-1d
SwarmMaster
i-082d7d54ec8bb129c
Running
t2.micro
2/2 checks passed
No alarms
us-east-1d
Instance: i-082d7d54ec8bb129c (SwarmMaster)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Instance summary Info
Instance ID
i-082d7d54ec8bb129c (SwarmMaster)
Public IPv4 address
54.225.48.51 | open address
Private IPv4 addresses
172.31.30.142
IPv6 address
–
Instance state
Running
Public IPv4 DNS
ec2-54-225-48-51.compute-1.amazonaws.com | open address
Hostname type
Private IP DNS name (IPv4 only)
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Pair.ppk
Show all