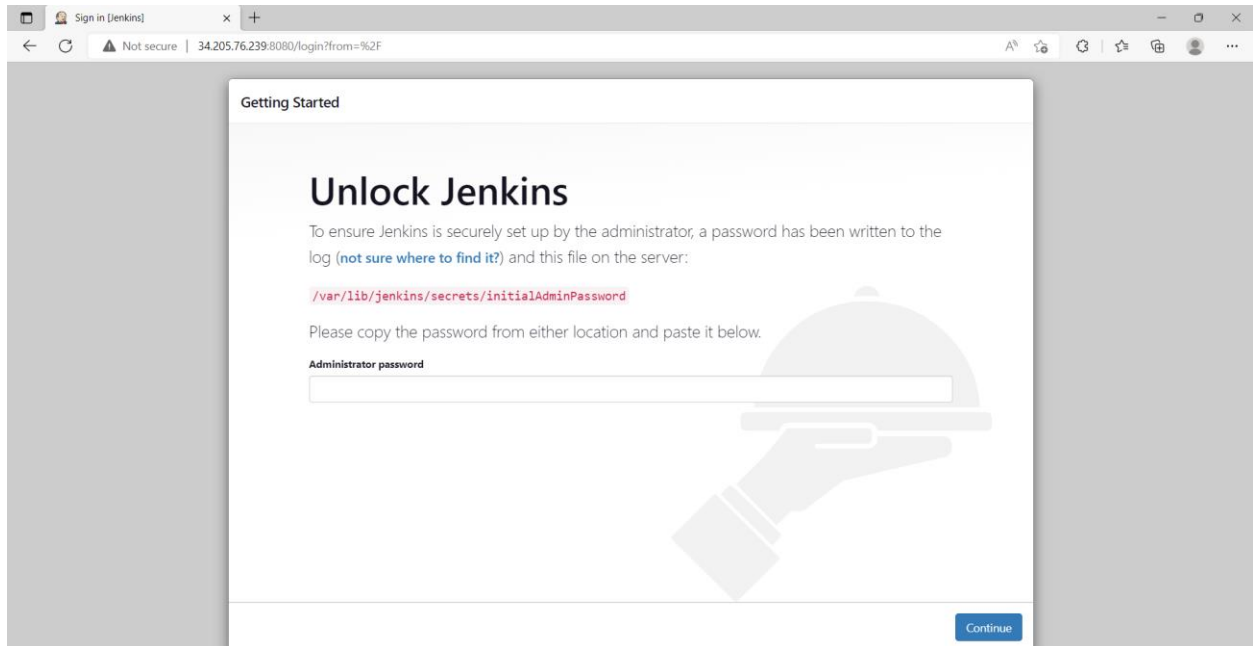


Login page of jenkins , enter generated password



The screenshot shows a web browser window with the address bar displaying '34.205.76.239:8080/login?from=%2F'. The page title is 'Sign in [Jenkins]'. The main content area is titled 'Getting Started' and 'Unlock Jenkins'. It explains that a password has been written to the log and a file on the server. The file path `/var/lib/jenkins/secrets/initialAdminPassword` is shown in red. Below this, it says 'Please copy the password from either location and paste it below.' There is a text input field labeled 'Administrator password' and a 'Continue' button at the bottom right. A faint background image of a hand holding a tray with a dome is visible.

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:

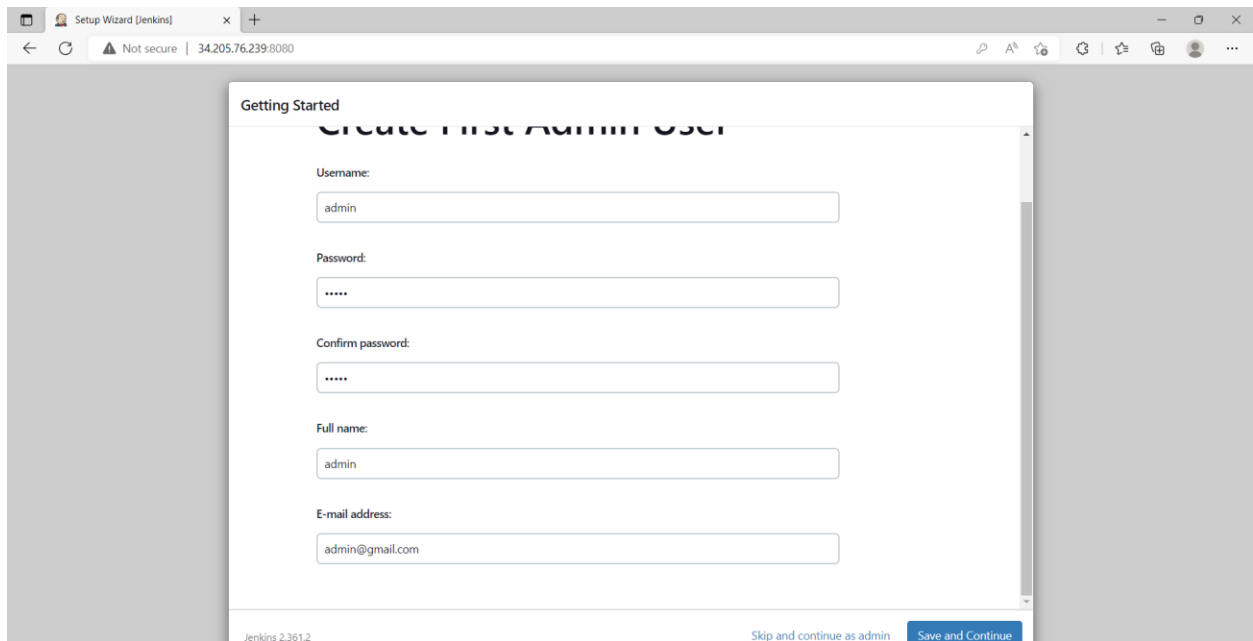
```
/var/lib/jenkins/secrets/initialAdminPassword
```

Please copy the password from either location and paste it below.

Administrator password

Continue

Registration in Jenkins



The screenshot shows a web browser window with the address bar displaying '34.205.76.239:8080'. The page title is 'Setup Wizard [Jenkins]'. The main content area is titled 'Getting Started' and 'Create first Admin user'. It contains several form fields: 'Username' (filled with 'admin'), 'Password' (filled with '*****'), 'Confirm password' (filled with '*****'), 'Full name' (filled with 'admin'), and 'E-mail address' (filled with 'admin@gmail.com'). At the bottom, there are two buttons: 'Skip and continue as admin' and 'Save and Continue'. The footer shows 'Jenkins 2.361.2'.

Getting Started

Create first Admin user

Username:

Password:

Confirm password:

Full name:

E-mail address:

[Skip and continue as admin](#) [Save and Continue](#)

Jenkins 2.361.2

Plugin manager

Available Plugins - Plugin Manager

Not secure | 34.205.76.239:8080/manage/pluginManager/available

Jenkins

Search (CTRL+K)

admin log out

Dashboard > Manage Jenkins > Plugin Manager

Back to Dashboard

Manage Jenkins

Update Center

Plugin Manager

Updates Available Installed Advanced

Q maven integration

Install	Name	Released
<input checked="" type="checkbox"/>	Maven Integration 3.19 Build Tools This plug-in provides a deep integration of Jenkins and Maven: Automatic triggers between projects depending on SNAPSHOTS, automated configuration of various Jenkins publishers (JUnit, ...). This plugin is deprecated and it's recommended to avoid using it.	4 mo 6 days ago
<input type="checkbox"/>	Pipeline Maven Integration 1205.vccea_7b_972817 pipeline Maven This plugin provides integration with Pipeline, configures maven environment to use within a pipeline job by calling sh mvn or bat mvn. The selected maven installation will be configured and prepended to the path.	18 days ago

Install without restart Download now and install after restart Update information obtained: 3 min 47 sec ago Check now

Select pipeline

New Item [Jenkins]

Not secure | 34.205.76.239:8080/newJob

Jenkins

Search (CTRL+K)


admin log out


Dashboard >


Enter an item name


Jenkins Project

* 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.

**Maven project**
Build a maven project. Jenkins takes advantage of your POM files and drastically reduces the configuration.

**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.

OK

Jenkins Project [Jenkins]

Not secure | 34.205.76.239:8080/job/Jenkins%20Project/

Search (CTRL+K)

admin

log out

Dashboard > Jenkins Project >

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Rename

Pipeline Syntax

Build History

trend

Filter builds...

#1 Oct 7, 2022 5:56 AM

Atom feed for all

Atom feed for failures

Pipeline Jenkins Project

Pipeline project

Edit description

Disable Project

Stage View

Average stage times:
(Average full run time: ~6s)

Initialize	Image build	Container Build	App Run
324ms	128ms	143ms	124ms

#1

Oct 07 05:56

No Changes

324ms	128ms	143ms	124ms
-------	-------	-------	-------

Permalinks

REST APIJenkins 2.361.2

Pipeline scripts

Jenkins Project Config [Jenkins] x +

← ↻ ⚠ Not secure | 34.205.76.239:8080/job/jenkins%20Project/configure

Dashboard > Jenkins Project >

Configuration

- General
- Advanced Project Options
- Pipeline**

Pipeline

Definition

Pipeline script

Script ?

```
1 pipeline {
2   agent any
3
4   stages {
5     stage('Initialize') {
6       steps {
7         echo 'Hello World'
8       }
9     }
10
11    stage('Image build') {
12      steps {
13        echo 'Image build successfully'
14      }
15    }
16
17    stage('Container Build') {
18      steps {
19        echo 'Container Build successfully'
20      }
21    }
22
23    stage('App Run') {
24      steps {
25        echo 'App is running successfully'
26      }
27    }
28  }
29 }
```

try sample Pipeline...

☒ Use Groovy Sandbox ?

Save Apply

Jenkins Project [Jenkins] x +

← ↻ ⚠ Not secure | 34.205.76.239:8080/job/jenkins%20Project/

Jenkins Search (CTRL+K) 🔍 1 🔔 admin 👤 log out

Dashboard > Jenkins Project >

Status

<> Changes

▶ Build Now

⚙ Configure

🗑 Delete Pipeline

🔍 Full Stage View

✎ Rename

🔗 Pipeline Syntax

⚙ Build History trend ▼

Filter builds...

No builds

Pipeline Jenkins Project

Pipeline project

[Edit description](#)

[Disable Project](#)

Stage View

No data available. This Pipeline has not yet run.

Permalinks

```
07/10/2022 09:30:07 /drives/d/simplilearn/aws ssh -i "Jenkins Instance.pem" ubuntu@ec2-34-205-76-239.compute-1.amazonaws.com
```

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 5: Add Tags

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.

A copy of a tag can be applied to volumes, instances or both.

Tags will be applied to all instances and volumes. [Learn more](#) about tagging your Amazon EC2 resources.

Key (128 characters maximum)	Value (256 characters maximum)	Instances (1)	Volumes (1)	Network Interfaces (1)
Name	Jenkins Instance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="button" value="Add another tag"/> (Up to 50 tags maximum)				

```

Selecting previously unselected package docker-scan-plugin.
Preparing to unpack .../f6-docker-scan-plugin_0.17.0-ubuntu-jammy_amd64.deb ...
Unpacking docker-scan-plugin (0.17.0-ubuntu-jammy) ...
Selecting previously unselected package libltdl7:amd64.
Preparing to unpack .../77-libltdl7_2.4.6-15build2_amd64.deb ...
Unpacking libltdl7:amd64 (2.4.6-15build2) ...
Selecting previously unselected package libslirp0:amd64.
Preparing to unpack .../78-libslirp0_4.6.1-1build1_amd64.deb ...
Unpacking libslirp0:amd64 (4.6.1-1build1) ...
Selecting previously unselected package slirp4netns.
Preparing to unpack .../9-slirp4netns_1.0.1-2_amd64.deb ...
Unpacking slirp4netns (1.0.1-2) ...
Setting up docker-scan-plugin (0.17.0-ubuntu-jammy) ...
Setting up containerd.io (1.6.8-1) ...
Created symlink /etc/systemd/system/multi-user.target.wants/containerd.service → /lib/systemd/system/containerd.service.
Setting up docker-compose-plugin (2.10.2-ubuntu-jammy) ...
Setting up libltdl7:amd64 (2.4.6-15build2) ...
Setting up docker-ce-cli (5:20.10.18-3-0-ubuntu-jammy) ...
Setting up libslirp0:amd64 (4.6.1-1build1) ...
Setting up pigz (2.6-1) ...
Setting up docker-ce-rootless-extras (5:20.10.18-3-0-ubuntu-jammy) ...
Setting up slirp4netns (1.0.1-2) ...
Setting up docker-ce (5:20.10.18-3-0-ubuntu-jammy) ...
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /lib/systemd/system/docker.socket.
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
Scanning processes...
Scanning Linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-83-142:~$ sudo docker -v
Docker version 20.10.18, build b48c2f6
ubuntu@ip-172-31-83-142:~$
```

Instances (1) Info								Connect	Instance state ▾	Actions ▾	Launch Instances ▾
Find instance by attribute or tag (case-sensitive)											
<input type="checkbox"/>	Name ▾	Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	Availability Zone ▾	Public			
<input type="checkbox"/>	Jenkins Instance	i-09737f262b4aa8209	Running	t2.micro	Initializing	No alarms +	us-east-1a	ec2-3			

```

Selecting previously unselected package jenkins.
Preparing to unpack .../jenkins_2.361.2_all.deb ...
Unpacking jenkins (2.361.2) ...
Setting up net-tools (1.60+git20181103.0eebece-1ubuntu5) ...
Setting up jenkins (2.361.2) ...
Created symlink /etc/systemd/system/multi-user.target.wants/jenkins.service → /lib/systemd/system/jenkins.service.
Processing triggers for man-db (2.10.2-1) ...
Scanning processes ...
Scanning linux images ...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-83-142:~$ sudo service jenkins start
ubuntu@ip-172-31-83-142:~$ sudo service jenkins status
● jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/lib/systemd/system/jenkins.service; enabled; vendor preset: enabled)
   Active: active (running) since Fri 2022-10-07 05:48:10 UTC; 34s ago
     Main PID: 5609 (java)
       Tasks: 43 (limit: 1143)
      Memory: 281.0M
         CPU: 40.766s
        CGroup: /system.slice/jenkins.service
                └─5609 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080

Oct 07 05:47:40 ip-172-31-83-142 jenkins[5609]: This may also be found at: /var/lib/jenkins/secrets/initialAdminPassword
Oct 07 05:47:40 ip-172-31-83-142 jenkins[5609]: *****
Oct 07 05:47:40 ip-172-31-83-142 jenkins[5609]: *****
Oct 07 05:47:40 ip-172-31-83-142 jenkins[5609]: *****
Oct 07 05:48:10 ip-172-31-83-142 jenkins[5609]: 2022-10-07 05:48:10.820+0000 [id=20] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization
Oct 07 05:48:10 ip-172-31-83-142 jenkins[5609]: 2022-10-07 05:48:10.850+0000 [id=22] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully started
Oct 07 05:48:10 ip-172-31-83-142 systemd[1]: Started Jenkins Continuous Integration Server.
Oct 07 05:48:11 ip-172-31-83-142 jenkins[5609]: 2022-10-07 05:48:11.014+0000 [id=44] INFO h.m.DownloadService$Downloadable#load: Obtained the update center
Oct 07 05:48:11 ip-172-31-83-142 jenkins[5609]: 2022-10-07 05:48:11.015+0000 [id=44] INFO hudson.util.Retrier#start: Performed the action check
Oct 07 05:48:11 ip-172-31-83-142 jenkins[5609]: 2022-10-07 05:48:11.019+0000 [id=44] INFO hudson.model.AsyncPeriodicWork$lambda$doRun$1: Finish
[lines 1-20/20 (END)]

```

Instances (1/1) info
Connect
Instance state
Actions
Launch instances

Find instance by attribute or tag (case-sensitive)

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP address
<input checked="" type="checkbox"/>	Jenkins Instance	i-09737f262b4aa8209	Running	t2.micro	Initializing	No alarms	us-east-1a	ec2-34-205-76-239.compute-1.amazonaws.com

Instance: i-09737f262b4aa8209 (Jenkins Instance)

Details
Security
Networking
Storage
Status checks
Monitoring
Tags

▼ Instance summary info

Instance ID
i-09737f262b4aa8209 (Jenkins Instance)

IPv6 address
-

Hostname type
IP name: ip-172-31-83-142.ec2.internal

Answer private resource DNS name
IPv4 (A)

Auto-assigned IP address
-

Public IPv4 address
34.205.76.239 | open address

Instance state
Running

Private IP DNS name (IPv4 only)
ip-172-31-83-142.ec2.internal

Instance type
t2.micro

VPC ID
vpc-0a5b111a-1b90a-427a-b011-141b90a-427a

Private IPv4 addresses
172.31.83.142

Public IPv4 DNS
ec2-34-205-76-239.compute-1.amazonaws.com | open address

Elastic IP addresses
-


AWS Compute Optimizer finding
-



Connect to instance [Info](#)

Connect to your instance i-09737f262b4aa8209 (Jenkins Instance) using any of these options


EC2 Instance Connect | Session Manager | **SSH client** | EC2 serial console


Instance ID

 i-09737f262b4aa8209 (Jenkins Instance)

1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is Jenkins Instance.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.
 `chmod 400 Jenkins Instance.pem`
4. Connect to your instance using its Public DNS:
 `ec2-34-205-76-239.compute-1.amazonaws.com`

Example:

 `ssh -i "Jenkins Instance.pem" ubuntu@ec2-34-205-76-239.compute-1.amazonaws.com`

 **Note:** In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

Cancel