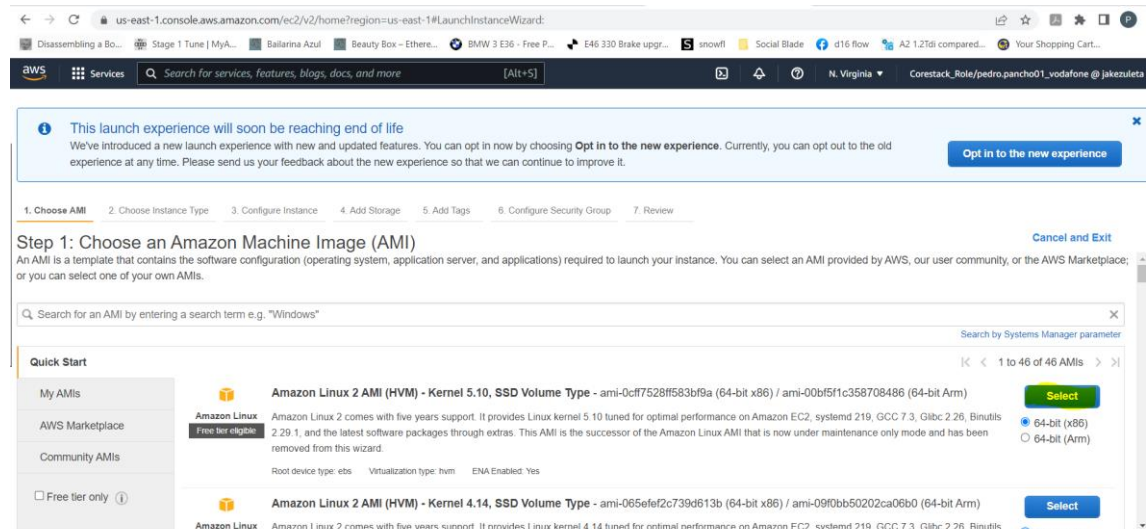


Fresh Ec2 env:



Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: **All instance families** **Current generation** **Show/Hide Columns**

Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, -, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t2	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t3	t3.nano	2	0.5	EBS only	Yes	1 In to 5 Gbps	Yes

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Configure Instance Details](#)

aws Services Search for services, features, blogs, docs, and more [Alt+S] N. Virginia Corestack_Role/pedro.pancho01_vodafone @ jakezuleta

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

Step 3: Configure Instance Details

Additional charges apply.

Credit specification ☐ Unlimited
Additional charges may apply

File systems

Advanced Details

Enclave ☐ Enable

Metadata accessible

Metadata version

Metadata token response hop limit

Allow tags in metadata

User data ☒ As text ☐ As file ☐ Input is already base64 encoded

```
sudo yum update -y
sudo yum install -y httpd
sudo systemctl start httpd
sudo systemctl enable httpd
echo "dn1-Hello from $(hostname -f) !! It is EC2 Instance user data<#1>" >
/var/www/html/index.html
```

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Storage](#)

us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard

Disassembling a Bo... Stage 1 Tune | MyA... Bailarina Azul Beauty Box - Ethere... BMW 3 E36 - Free P... E46 330 Brake upgr... snowfl Social Blade d16 flow A2 1.2Tdi compared... Your Shopping Cart...

aws Services Search for services, features, blogs, docs, and more [Alt+S] N. Virginia Corestack_Role/pedro.pancho01_vodafone @ jakezuleta

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

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	/dev/xvda	snap-08f1069dfe2007ba	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

[Add New Volume](#)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.

Shared file systems

You currently don't have any file systems on this instance. Select "Add file system" button below to add a file system.

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Tags](#)

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)
This resource currently has no tags				
Choose the Add tag button or click to add a Name tag.				
Make sure your IAM policy includes permissions to create tags.				

Add Tag (Up to 50 tags maximum)

Cancel Previous **Review and Launch** Next: Configure Security Group

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

Assign a security group: ☒ Create a new security group ☐ Select an existing security group

Security group name:

Description:

Type (1)	Protocol (1)	Port Range (1)	Source (1)	Description (1)
SSH	TCP	22	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop
HTTP	TCP	80	Custom 0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop

Add Rule

Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Cancel Previous **Review and Launch**

Step 7: Review Instance Launch

Instance Type	ECUs	vCPUs
t2.micro	-	1

Security Groups

Security group name: launch-wizard-1
Description: launch-wizard-1 created 2022-06-27T21:40:34.241+01:00

Type (1)	Protocol (1)
SSH	TCP
HTTP	TCP
HTTP	TCP

Instance Details

Storage

Tags

Select an existing key pair or create a new key pair

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance. Amazon EC2 supports ED25519 and RSA key pair types.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.

☒ Create a new key pair

Key pair type
☒ RSA ☐ ED25519

Key pair name

Download Key Pair

You have to download the **private key file** (*.pem file) before you can continue. Store it in a **secure and accessible location**. You will not be able to download the file again after it's created.

Cancel **Launch Instances**

Launch Status



Your instances are now launching

The following instance launches have been initiated: [i-Od844724c4a36e17d](#) [View launch log](#)



Get notified of estimated charges

Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

Here are some helpful resources to get you started

- [How to connect to your Linux Instance](#)
- [Amazon EC2: User Guide](#)
- [Learn about AWS Free Usage Tier](#)
- [Amazon EC2: Discussion Forum](#)

While your instances are launching you can also

The screenshot shows the AWS Management Console interface. The top navigation bar includes the AWS logo, a search bar, and user information. The left sidebar contains a navigation menu with options like 'New EC2 Experience', 'EC2 Dashboard', 'EC2 Global View', 'Events', 'Tags', 'Limits', 'Instances', 'Instance Types', 'Launch Templates', 'Spot Requests', 'Savings Plans', 'Reserved Instances', 'Dedicated Hosts', 'Scheduled Instances', 'Capacity Reservations', 'Images', and 'AMIs'. The main content area is titled 'Instances (1)' and shows a table with one instance: 'i-Od844724c4a36e17d' in the 'Running' state, of type 't2.micro'. Below the table is a 'Select an instance' modal.

Check IP:

The screenshot shows the 'Instance summary' page for instance 'i-Od844724c4a36e17d'. The page displays various details about the instance, including its ID, state, type, and network configuration. The instance is currently in the 'Running' state. The public IPv4 address is 44.206.249.208. The private IP address is 172.31.86.224. The VPC ID is vpc-0cf6083a3f748ddbf.

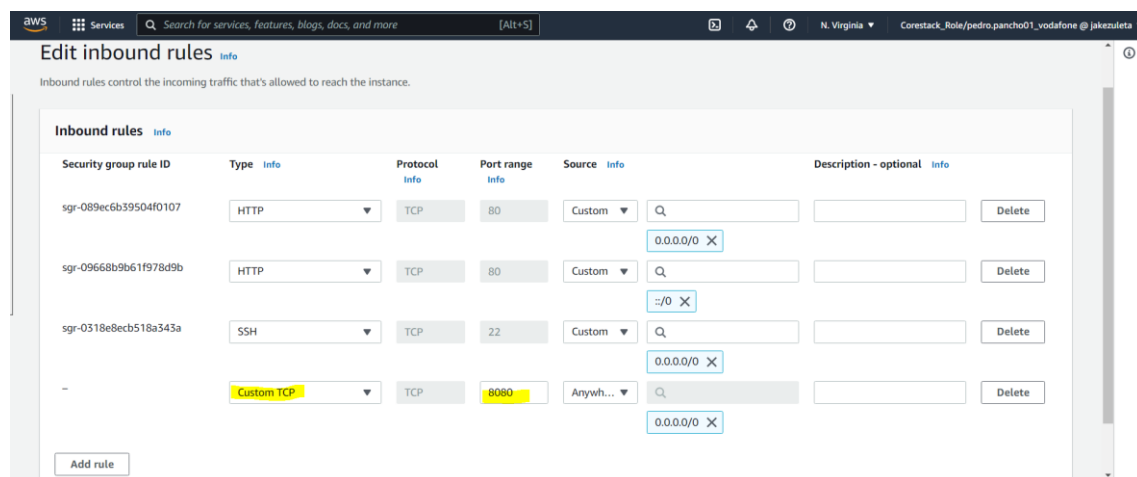
Property	Value
Instance ID	i-Od844724c4a36e17d
Public IPv4 address	44.206.249.208 open address
Instance state	Running
Hostname type	IP name: ip-172-31-86-224.ec2.internal
Private IP DNS name (IPv4 only)	ip-172-31-86-224.ec2.internal
Answer private resource DNS name	IPV4 (A)
Auto-assigned IP address	44.206.249.208 [Public IP]
VPC ID	vpc-0cf6083a3f748ddbf

Check port80 reply to public: (OK!!)



Install / Configure Jenkins:

Add 8080 port to inbound rules



Connect to ec2 via ssh

```
ec2-user@ip-172-31-86-224:~  
Microsoft Windows [Version 10.0.19044.1766]  
(c) Microsoft Corporation. Todos os direitos reservados.  
  
C:\Users\Pedro>cd Downloads  
  
C:\Users\Pedro\Downloads>ssh -i CICDEmo.pem ec2-user@44.206.249.208  
The authenticity of host '44.206.249.208 (44.206.249.208)' can't be established.  
ECDSA key fingerprint is SHA256:gQhRbCSXWb8hjSrjwrPXb/2+GpouySKxW6o8Cc1PftU.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added '44.206.249.208' (ECDSA) to the list of known hosts.  
  
 _ _ | _ _ | )  
 _ | ( _ / Amazon Linux 2 AMI  
 _ | _ | _ |  
  
https://aws.amazon.com/amazon-linux-2/  
[ec2-user@ip-172-31-86-224 ~]$
```

Install Jenkins

```
ec2-user@ip-172-31-86-224:~  
Length: 71  
Saving to: '/etc/yum.repos.d/jenkins.repo'  
100%[=====] 71 --.-K/s in 0s  
2022-06-27 22:22:01 (11.8 MB/s) - '/etc/yum.repos.d/jenkins.repo' saved [71/71]  
  
[ec2-user@ip-172-31-86-224 ~]$ sudo rpm --import https://pkg.jenkins.io/redhat/jenkins.io.key  
[ec2-user@ip-172-31-86-224 ~]$ sudo yum install jenkins -y  
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd  
amazon2-core  
jenkins  
jenkins/primary_db  
No package jenkins available.  
Error: Nothing to do  
[ec2-user@ip-172-31-86-224 ~]$ sudo yum install jenkins -y  
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd  
Resolving Dependencies  
--> Running transaction check  
--> Package jenkins.noarch 0:2.356-1.1 will be installed  
--> Finished Dependency Resolution  
  
Dependencies Resolved  
  
=====
```

Package	Arch	Version	Repository	Size
Installing: jenkins	noarch	2.356-1.1	jenkins	86 M

```
=====
```

Transaction Summary	
Install 1 Package	
Total download size: 86 M	
Installed size: 87 M	
Downloading packages:	
jenkins-2.356-1.1.noarch.rpm	86 MB 00:00:17
Running transaction check	
Running transaction test	
Transaction test succeeded	
Running transaction	
Installing : jenkins-2.356-1.1.noarch	1/1
Verifying : jenkins-2.356-1.1.noarch	1/1
Installed:	
jenkins.noarch 0:2.356-1.1	
Complete!	

```
[ec2-user@ip-172-31-86-224 ~]$
```

Install JDK

```

ec2-user@ip-172-31-86-224-
jdk-17/lib/security/default.policy
jdk-17/lib/security/public_suffix_list.dat
jdk-17/lib/server/classes.jsa
jdk-17/lib/server/classes_nocops.jsa
jdk-17/lib/server/libsig.so
jdk-17/lib/server/libvm.so
jdk-17/lib/src.zip
jdk-17/lib/tzdb.dat
jdk-17/release
[ec2-user@ip-172-31-86-224 ~]$ sudo mv jdk-17 /opt/
[ec2-user@ip-172-31-86-224 ~]$ sudo tee /etc/profile.d/jdk.sh <<EOF
> export JAVA_HOME=/opt/jdk-17
> export PATH=$PATH:$JAVA_HOME/bin
> EOF
export JAVA_HOME=/opt/jdk-17
export PATH=$PATH:$JAVA_HOME/bin
[ec2-user@ip-172-31-86-224 ~]$ echo $JAVA_HOME
JAVA_HOME
[ec2-user@ip-172-31-86-224 ~]$ echo $JAVA_HOME
JAVA_HOME
[ec2-user@ip-172-31-86-224 ~]$ java -version
-bash: java: command not found
[ec2-user@ip-172-31-86-224 ~]$ sudo tee /etc/profile.d/jdk.sh <<EOF
>
> ^C
[ec2-user@ip-172-31-86-224 ~]$ export JAVA_HOME=/opt/jdk-17
[ec2-user@ip-172-31-86-224 ~]$ export PATH=$PATH:$JAVA_HOME/bin
[ec2-user@ip-172-31-86-224 ~]$ export PATH=$PATH:$JAVA_HOME/bin
[ec2-user@ip-172-31-86-224 ~]$ echo $JAVA_HOME
/opt/jdk-17
[ec2-user@ip-172-31-86-224 ~]$ java -version
-bash: java: command not found
[ec2-user@ip-172-31-86-224 ~]$ man /etc/profile.d/jdk.sh
-bash: man: command not found
[ec2-user@ip-172-31-86-224 ~]$ cat /etc/profile.d/jdk.sh
-bash: cat: command not found
[ec2-user@ip-172-31-86-224 ~]$ less /etc/profile.d/jdk.sh
-bash: less: command not found
[ec2-user@ip-172-31-86-224 ~]$ source /etc/profile.d/jdk.sh
[ec2-user@ip-172-31-86-224 ~]$ java -version
openjdk version "17" 2021-09-14
OpenJDK Runtime Environment (build 17+35-2724)
OpenJDK 64-Bit Server VM (build 17+35-2724, mixed mode, sharing)
[ec2-user@ip-172-31-86-224 ~]$

```

```

ec2-user@ip-172-31-86-224-
Verifying : libxwayland-client-1.17.0-1.amzn2.x86_64
Verifying : libxslt-1.1.28-6.amzn2.x86_64
Verifying : 1:java-1.8.0-openjdk-headless-1.8.0.312.b07-1.amzn2.0.2.x86_64
Verifying : python-javapackages-3.4.1-11.amzn2.noarch
Verifying : pccs-lite-libs-1.8.8-7.amzn2.x86_64
Verifying : libxft-2.3.2-1.amzn2.0.2.x86_64
Verifying : libxft-2.3.2-2.amzn2.0.2.x86_64
Verifying : copy-jdk-configs-3.3-10.amzn2.noarch
Verifying : alsa-lib-1.1.4-1.2.amzn2.x86_64
Verifying : jasper-libs-1.900.1-33.amzn2.x86_64
Verifying : libglvnd-glx-1.0.1-0.1.git5baa1e5.amzn2.0.1.x86_64
Verifying : libXfixes-5.0.3-1.amzn2.0.2.x86_64
Verifying : libtcl-1.0.9-9.amzn2.0.2.x86_64
Verifying : graphite2-1.3.10-1.amzn2.0.2.x86_64
Verifying : tzdata-java-2022a-1.amzn2.noarch
Verifying : javapackages-tools-3.4.1-11.amzn2.noarch
Installed:
java-1.8.0-openjdk.x86_64 1:1.8.0.312.b07-1.amzn2.0.2
Dependency Installed:
alsa-lib.x86_64 0:1.1.4-1.2.amzn2
cairo.x86_64 0:1.15.12-4.amzn2
dejavu-fonts-common.noarch 0:2.33-6.amzn2
fontpackages-filesystem.noarch 0:1.44-8.amzn2
giflib.x86_64 0:4.1.6-9.amzn2.0.2
gtk2.x86_64 0:2.24.31-1.amzn2.0.2
jasper-libs.x86_64 0:1.900.1-33.amzn2
libXcursor.x86_64 0:1.1.15-1.amzn2
libXfixes.x86_64 0:5.0.3-1.amzn2.0.2
libXinerama.x86_64 0:1.1.3-2.1.amzn2.0.2
libXtst.x86_64 0:1.2.3-1.amzn2.0.2
libglvnd.x86_64 1:1.0.1-0.1.git5baa1e5.amzn2.0.1
libthai.x86_64 0:0.1.14-9.amzn2.0.2
libxcb.x86_64 0:1.12-1.amzn2.0.2
libxcp-tools.x86_64 0:1.0.17-2.amzn2.0.2
mesa-libGL.x86_64 0:18.3.4-5.amzn2.0.1
pango.x86_64 0:1.42.4-4.amzn2
python-javapackages.noarch 0:3.4.1-11.amzn2
tzdata-java.noarch 0:2022a-1.amzn2
atk.x86_64 0:2.22.0-3.amzn2.0.2
copy-jdk-configs.noarch 0:3.3-10.amzn2
dejavu-sans-fonts.noarch 0:2.33-6.amzn2
fridbi.x86_64 0:1.0.2-1.amzn2.1
graphite2.x86_64 0:1.3.10-1.amzn2.0.2
harfbuzz.x86_64 0:1.7.5-2.amzn2
java-1.8.0-openjdk-headless.x86_64 1:1.8.0.312.b07-1.amzn2.0.2
libSM.x86_64 0:1.2.2-2.amzn2.0.2
libXau.x86_64 0:1.0.8-2.1.amzn2.0.2
libXdamage.x86_64 0:1.1.4-4.1.amzn2.0.2
libXft.x86_64 0:2.3.2-2.amzn2.0.2
libXrandr.x86_64 0:1.5.1-2.amzn2.0.3
libXxf86vm.x86_64 0:1.1.4-1.amzn2.0.2
libglvnd-egl.x86_64 1:1.0.1-0.1.git5baa1e5.amzn2.0.1
libwayland-client.x86_64 0:1.17.0-1.amzn2
libxsharference.x86_64 0:1.2-1.amzn2.0.2
log4j-cve-2021-44278-hotpatch.noarch 0:1.3-5.amzn2
mesa-libgl.x86_64 0:18.3.4-5.amzn2.0.1
pccs-lite-libs.x86_64 0:1.8.8-7.amzn2
python-boel.x86_64 0:3.2.1-4.amzn2.0.3
xorg-x11-font-utils.x86_64 1:7.5-21.amzn2
avahi-libs.x86_64 0:0.6.31-20.amzn2
cups-libs.x86_64 1:1.6.3-51.amzn2
fontconfig.x86_64 0:2.13.0-4.3.amzn2
gdk-pixbuf2.x86_64 0:2.36.12-3.amzn2
gtk-update-icon-cache.x86_64 0:3.22.30-3.amzn2
hicolor-icon-theme.noarch 0:0.12-7.amzn2
javapackages-tools.noarch 0:3.4.1-11.amzn2
libX11.x86_64 0:1.6.7-3.amzn2.0.2
libXcomposite.x86_64 0:0.4.4-1.amzn2.0.2
libXext.x86_64 0:1.3.3-3.amzn2.0.2
libXl.x86_64 0:1.7.9-1.amzn2.0.2
libXrender.x86_64 0:0.0.10-1.amzn2.0.2
libfontenc.x86_64 0:1.1.3-3.amzn2.0.2
libglvnd-glx.x86_64 1:1.0.1-0.1.git5baa1e5.amzn2.0.1
libwayland-server.x86_64 0:1.17.0-1.amzn2
libxft.x86_64 0:1.1.12-6.amzn2
mesa-libglapi.x86_64 0:18.3.4-5.amzn2.0.1
pixmap.x86_64 0:0.34.0-1.amzn2.0.2
tweakid.x86_64 0:3.0.0-42.amzn2.0.2
xorg-x11-fonts-100dpi.noarch 0:7.5-9.amzn2
[ec2-user@ip-172-31-86-224 ~]$ java -version
openjdk version "17" 2021-09-14
OpenJDK Runtime Environment (build 17+35-2724)
OpenJDK 64-Bit Server VM (build 17+35-2724, mixed mode, sharing)
[ec2-user@ip-172-31-86-224 ~]$ sudo service jenkins start
Starting jenkins (via systemctl):

```

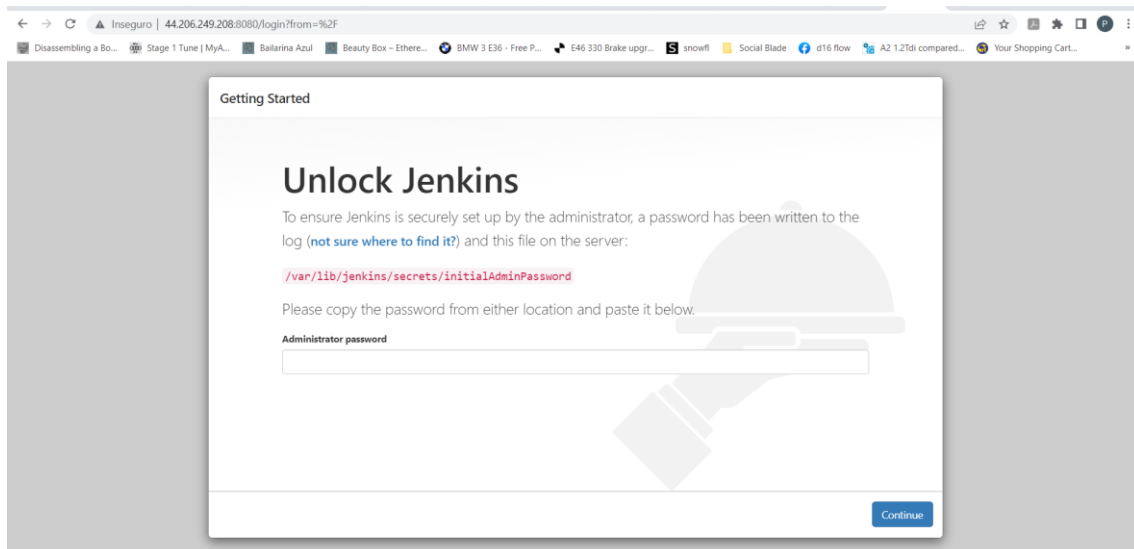
Starting jenkins

```

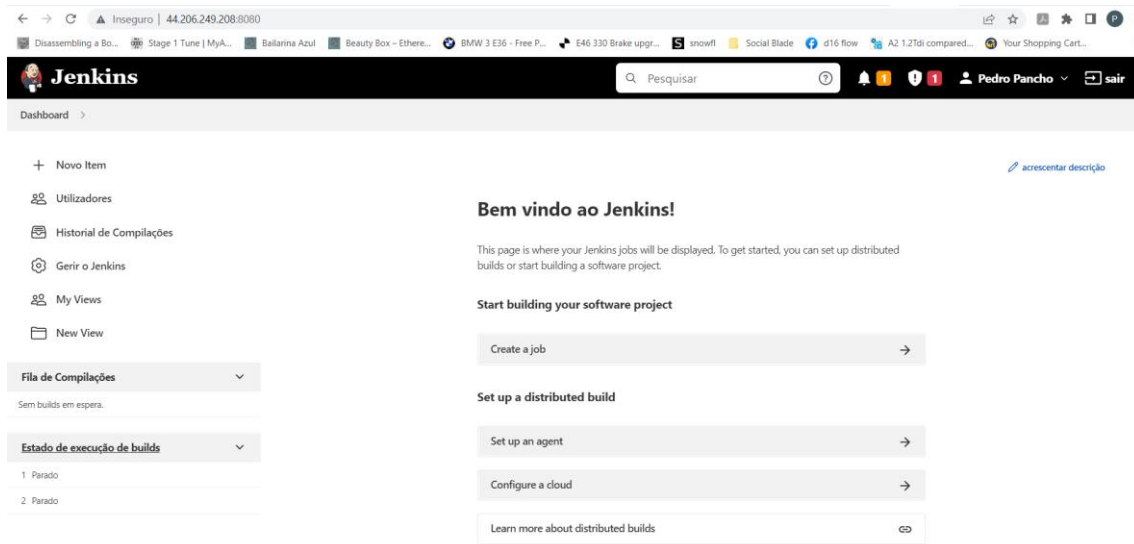
[ec2-user@ip-172-31-86-224 ~]$ sudo service jenkins start
Starting jenkins (via systemctl): [ OK ]
[ec2-user@ip-172-31-86-224 ~]$

```

Connecting to Jenkins in EC2 via browser:



Finish configuration of users and default plugins:



EC2 Plugin instalation:

← → ↻ Inseguro | 44.206.249.208:8080/updateCenter/

Disassembling a Bo... Stage 1 Tune | MyA... Bailarina Azul Beauty Box - Ethere... BMW 3 E36 - Free P... E46 330 Brake upgr... snowfl Social Blade d16 flow A2 1.2Tdi compared... Your Shopping Cart...

Jenkins Pesquisar Pedro Pancho sair

Dashboard > Update Center

↑ Voltar à Página Inicial

Gerir o Jenkins

Gerir Extensões

Instalar Extensão/Atualizações

Preparando

- Checking internet connectivity
- Checking update center connectivity
- Success

JavaBeans Activation Framework (JAF) API	Success
JavaMail API	Success
Folders	Success
Mina SSHD API : Common	Success
Mina SSHD API : Core	Success
SSH server	Success
OWASP Markup Formatter	Success
Struts	Success
Token Macro	Success
Build Timeout	Success
Credentials	Success
Trilead API	Success
SSH Credentials	Success
...	...

aws-nri-art jenkins ndf C/CDDemo.com Mostrar tudo

Configured credentials

← → ↻ Inseguro | 44.206.249.208:8080/configureClouds/

Disassembling a Bo... Stage 1 Tune | MyA... Bailarina Azul Beauty Box - Ethere... BMW 3 E36 - Free P... E46 330 Brake upgr... snowfl Social Blade d16 flow A2 1.2Tdi compared... Your Shopping C

Dashboard > Configure Clouds

Back to Dashboard

Manage Nodes

Configure Clouds

Amazon EC2

Name

CICD Demo

Amazon EC2 Credentials ?

AWS IAM Access Key used to connect to EC2. If not specified, implicit authentication mechanisms are used (IAM roles...)

(Jenkinscred)

+ Add

☐ Use EC2 instance profile to obtain credentials ?

Alternate EC2 Endpoint

Used to populate the available regions dropdown. Only set this if you're using a different EC2 endpoint (i.e. operating in govcloud).

Save Apply

Install git

```
ec2-user@ip-172-31-86-224-~$ sudo yum install git-core-doc
noarch      2.32.0-1.amzn2.0.1      amzn2-core  2.7 MB
perl-Error  noarch              1:0.17020-2.amzn2      amzn2-core  32 kB
perl-git    noarch              2.32.0-1.amzn2.0.1      amzn2-core  43 kB
perl-TermReadKey x86_64          2.30-20.amzn2.0.2      amzn2-core  31 kB

Transaction Summary
Install 1 Package (+6 Dependent packages)

Total download size: 7.8 M
Installed size: 38 M
Is this ok [y/d/N]: y
Downloading packages:
1/7: emacs-filessystem-27.2-4.amzn2.0.1.noarch.rpm | 67 kB 00:00:00
2/7: git-2.32.0-1.amzn2.0.1.x86_64.rpm | 126 kB 00:00:00
3/7: git-core-doc-2.32.0-1.amzn2.0.1.noarch.rpm | 2.7 MB 00:00:00
4/7: git-core-2.32.0-1.amzn2.0.1.x86_64.rpm | 4.8 MB 00:00:00
5/7: perl-Error-0.17020-2.amzn2.noarch.rpm | 32 kB 00:00:00
6/7: perl-git-2.32.0-1.amzn2.0.1.noarch.rpm | 43 kB 00:00:00
7/7: perl-TermReadKey-2.30-20.amzn2.0.2.x86_64.rpm | 31 kB 00:00:00

Total: 24 MB/s | 7.8 MB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : git-core-2.32.0-1.amzn2.0.1.x86_64 1/7
Installing : git-core-doc-2.32.0-1.amzn2.0.1.noarch 2/7
Installing : 1:perl-Error-0.17020-2.amzn2.noarch 3/7
Installing : 1:emacs-filessystem-27.2-4.amzn2.0.1.noarch 4/7
Installing : perl-TermReadKey-2.30-20.amzn2.0.2.x86_64 5/7
Installing : perl-git-2.32.0-1.amzn2.0.1.noarch 6/7
Installing : git-2.32.0-1.amzn2.0.1.x86_64 7/7
Verifying : perl-TermReadKey-2.30-20.amzn2.0.2.x86_64 1/7
Verifying : git-core-doc-2.32.0-1.amzn2.0.1.noarch 2/7
Verifying : perl-git-2.32.0-1.amzn2.0.1.noarch 3/7
Verifying : 1:emacs-filessystem-27.2-4.amzn2.0.1.noarch 4/7
Verifying : git-2.32.0-1.amzn2.0.1.x86_64 5/7
Verifying : git-core-2.32.0-1.amzn2.0.1.x86_64 6/7
Verifying : 1:perl-Error-0.17020-2.amzn2.noarch 7/7

Installed:
git.x86_64 0:2.32.0-1.amzn2.0.1

Dependency Installed:
emacs-filessystem.noarch 1:27.2-4.amzn2.0.1 git-core.x86_64 0:2.32.0-1.amzn2.0.1 git-core-doc.noarch 0:2.32.0-1.amzn2.0.1 perl-Error.noarch 1:0.17020-2.amzn2 perl-git.noarch 0:2.32.0-1.amzn2.0.1
perl-TermReadKey.x86_64 0:2.30-20.amzn2.0.2

Complete!
ec2-user@ip-172-31-86-224-~$
```

Install maven

```
ec2-user@ip-172-31-86-224-~$ sudo yum install maven
Verifying : ec2-user@ip-172-31-86-224-~$ sudo yum install maven
Verifying : apache-commons-logging-1.1.2-7.amzn2.noarch 54/68
Verifying : slf4j-1.7.4-4.amzn2.noarch 55/68
Verifying : aether-impl-1.13.1-13.amzn2.noarch 56/68
Verifying : plexus-interactivity-1.0-alpha-14.amzn2.noarch 57/68
Verifying : google-guice-3.1.3-9.amzn2.noarch 58/68
Verifying : gdox-1.12.1-10.amzn2.noarch 59/68
Verifying : jaxb-2.2.11-10.amzn2.noarch 60/68
Verifying : felix-framework-4.2.1-5.amzn2.noarch 61/68
Verifying : guava-13.0-6.amzn2.noarch 62/68
Verifying : nekohtml-1.9.14-13.amzn2.noarch 63/68
Verifying : apache-commons-ell-1.2-13.amzn2.noarch 64/68
Verifying : httpcomponents-core-4.2.4-6.amzn2.noarch 65/68
Verifying : objectweb-asm-3.3.1-9.amzn2.noarch 66/68
Verifying : plexus-component-api-1.0-0-16.alpha15.amzn2.noarch 67/68
Verifying : junit-4.11-0-1.amzn2.0.1.noarch 68/68

Installed:
maven.noarch 0:3.0.5-17.amzn2

Dependency Installed:
aether-api.noarch 0:1.13.1-13.amzn2 aether-connector-wagon.noarch 0:1.13.1-13.amzn2 aether-impl.noarch 0:1.13.1-13.amzn2
aether-spi.noarch 0:1.13.1-13.amzn2 aether-util.noarch 0:1.13.1-13.amzn2 aopalliance.noarch 0:1.0-0-1.amzn2
apache-commons-cli.noarch 0:1.2-13.amzn2 apache-commons-codec.noarch 0:1.8-7.amzn2 apache-commons-io.noarch 1:2.4-12.amzn2
apache-commons-lang.noarch 0:2.6-15.amzn2 apache-commons-net.noarch 0:3.2-8.amzn2 apache-commons-pool.noarch 0:3.12-14.1.amzn2
atinject.noarch 0:1.13.20100611svn86.amzn2 avalon-framework.noarch 0:4.3-10.1.amzn2 avalon-logkit.noarch 0:2.1-14.1.amzn2
becl.noarch 0:5.2-18.amzn2 callon.noarch 0:0.7.7-4.amzn2 cdi-api.noarch 0:1.0-11.SP4.amzn2
cglib.noarch 0:2.2-10.1.amzn2 easymock2.noarch 0:2.5.2-12.1.amzn2 felix-framework.noarch 0:4.2.1-5.amzn2
geronimo-annotation.noarch 0:1.0-15.amzn2 geronimo-jms.noarch 0:1.1.1-19.amzn2 hamcrest.noarch 0:1.3-6.1.amzn2
httpcomponents-client.noarch 0:4.2.5-5.amzn2 httpcomponents-core.noarch 0:4.2.4-6.amzn2 httpcomponents-httpclient.noarch 1:3.1-16.amzn2
httpcomponents-httpcore.noarch 0:4.2.5-2-10.amzn2 jackson-jaxrs.noarch 0:2.10.3-10.amzn2 jackson-mapper-as-json.noarch 0:2.10.3-10.amzn2
jboss-el-2.2-api.noarch 0:1.0-0-7.20120212git2fabd8.amzn2 jboss-interceptors-1.1-api.noarch 0:1.0-2-0-9.20120319git49a904.amzn2 jboss-servlet-3.0-api.noarch 0:1.0-1-9.amzn2
jboss-transaction-1.1-api.noarch 0:1.0-1-8.amzn2 jboss-util.noarch 0:1.6.1-10.amzn2 jboss-xmlrpc.noarch 0:1.2.17-18.amzn2
jch.noarch 0:0.1-30-5.amzn2 jsoup.noarch 0:1.2.1-10.amzn2 log4j.noarch 0:1.2.17-18.amzn2
jline.noarch 0:1.0-8.amzn2 jline.noarch 0:1.0-8.amzn2 junit.noarch 0:4.11-0-1.amzn2.0.1
junit4.noarch 0:4.11-0-1.amzn2.0.1 maven-wagon.noarch 0:2.4-3.amzn2 maven.noarch 0:3.0.5-17.amzn2
plexus-cipher.noarch 0:1.7-5.amzn2 plexus-classworlds.noarch 0:2.4.2-8.amzn2 plexus-containers-component-annotations.noarch 0:1.5.5-14.amzn2
plexus-container-default.noarch 0:1.5.5-14.amzn2 plexus-interactivity.noarch 0:1.0-0-14.alpha6.amzn2 plexus-interpolation.noarch 0:1.15-8.amzn2
plexus-sec-dispatcher.noarch 0:1.4-13.amzn2 plexus-utilities.noarch 0:3.0.9-9.amzn2 plexus-xml.noarch 0:1.1.2-10.amzn2
plexus-xml.noarch 0:1.1.2-10.amzn2 regeexp.noarch 0:1.5-13.amzn2 slf4j.noarch 0:1.7.4-4.amzn2
sisu-inject-bean.noarch 0:2.3.0-11.amzn2 sisu-inject-plexus.noarch 0:2.3.0-11.amzn2 xalan-j2.noarch 0:2.7.1-23.1.amzn2
sisu-inject-bean.noarch 0:2.3.0-11.amzn2 xerces-j2.noarch 0:2.11.0-17.amzn2 xsl-commons-api.noarch 0:1.4.0-16.amzn2

Complete!
ec2-user@ip-172-31-86-224-~$
```

Had some issues with version of maven java and dependencies

Took too long to fix Didn't got screenshots of those at the time unable to take it now due to expired AWS

Configure Pipeline

Dashboard > CICD Pipeline >

General
Build Triggers
Advanced Project Options
Pipeline

Credentials ?

Branches to build ?
Branch Specifier (blank for 'any') ?

Testing and deploying

Dashboard > CICD Pipeline > #20

```

2022-06-28 05:23:15.844 INFO 16544 --- [main] c.C.A.CicdAssessmentApplicationTests : No active profile set, falling back to 1 default
profile: "default"
2022-06-28 05:23:20.814 INFO 16544 --- [main] c.C.A.CicdAssessmentApplicationTests : Started CicdAssessmentApplicationTests in 5.896
seconds (JVM running for 8.957)
(message-Welcome to CICD Assessment!!)
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 8.812 s - in com.CICD.Assestment.CicdAssessmentApplicationTests
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 53.011 s
[INFO] Finished at: 2022-06-28T05:23:23+01:00
[INFO] -----
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Deploy)
[Pipeline] tool
  
```

Dashboard > CICD Pipeline >

Build Now
Configurar
Eliminar Pipeline
Full Stage View
Rename
Pipeline Syntax

Build History

tendência

#20

28/jun/2022 5:22

#19

Recent Changes

Stage View

Average stage times:
(Average full run time: ~1min 59s)

Declarative: Checkout SCM	Declarative: Tool Install	Unit tests	Deploy
2s	1s	1min 9s	40s

#20

Jun 28 05:22

1 commit

Links permanentes

- Last build (#19), 6 min 27 sec atrás

Missing Screenshot of inbound traffic rules for port 8888* unable to take it now due to expired AWS

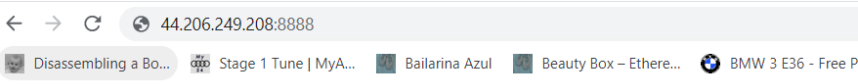
Running on EC2

```
ec2-user@ip-172-31-86-224 0.0.1-SNAPSHOT]$ /opt/jdk-17/bin/java -jar CICDAssessment-0.0.1-20220628.042328-4.jar

[Spring Boot] (v2.7.1)

2022-06-28 04:56:54.654 INFO 9021 --- [main] c.C.Assessment.CicdAssessmentApplication : Starting CicdAssessmentApplication v0.0.1-SNAPSHOT using Java 17 on ip-172-31-86-224.ec2.internal with PID 9021 (/home/ec2-user/CICDAssessment/0.0.1-SNAPSHOT/CICDAssessment-0.0.1-20220628.042328-4.jar started by ec2-user in /home/ec2-user/CICDAssessment/0.0.1-SNAPSHOT)
2022-06-28 04:56:54.659 INFO 9021 --- [main] c.C.Assessment.CicdAssessmentApplication : No active profile set, falling back to 1 default profile: "default"
2022-06-28 04:56:57.612 INFO 9021 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8888 (http)
2022-06-28 04:56:57.653 INFO 9021 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2022-06-28 04:56:57.653 INFO 9021 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.64]
2022-06-28 04:56:58.651 INFO 9021 --- [main] org.apache.jasper.servlet.TldScanner : At least one JAR was scanned for TLDs yet contained no TLDs. Enable debug logging for this logger for a complete list of JARs that were scanned but no TLDs were found in them. Skipping unnneeded JARs during scanning can improve startup time and JSP compilation time.
2022-06-28 04:56:59.143 INFO 9021 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2022-06-28 04:56:59.143 INFO 9021 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 4339 ms
2022-06-28 04:57:00.587 INFO 9021 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8888 (http) with context path ''
2022-06-28 04:57:00.615 INFO 9021 --- [main] c.C.Assessment.CicdAssessmentApplication : Started CicdAssessmentApplication in 7.087 seconds (JVM running for 8.323)
```

Browser connected via port 8888



Hello Welcome to CICD Assessment!!

Changed testcase in order to fail:

Once tests fail no deployment is executed

Dashboard > CICD Pipeline >

Build Now

Configurar

Eliminar Pipeline

Full Stage View

Rename

Pipeline Syntax

Build History

tendencia

Filter builds...

#21
28/jun/2022 6:30

#20
28/jun/2022 5:22

#19
28/jun/2022 5:15

Recent Changes

Stage View

Average stage times:
(Average full run time: ~1min 59s)

	Declarative: Checkout SCM	Declarative: Tool Install	Unit tests	Deploy
#21 Jun 28 06:30 3 commits	21s	1s	31s failed	577ms failed
#20 Jun 28 05:22 1 commit	2s	1s	1min 9s	40s

Links permanentes

Last build (#20), 1 hr 8 min atrás