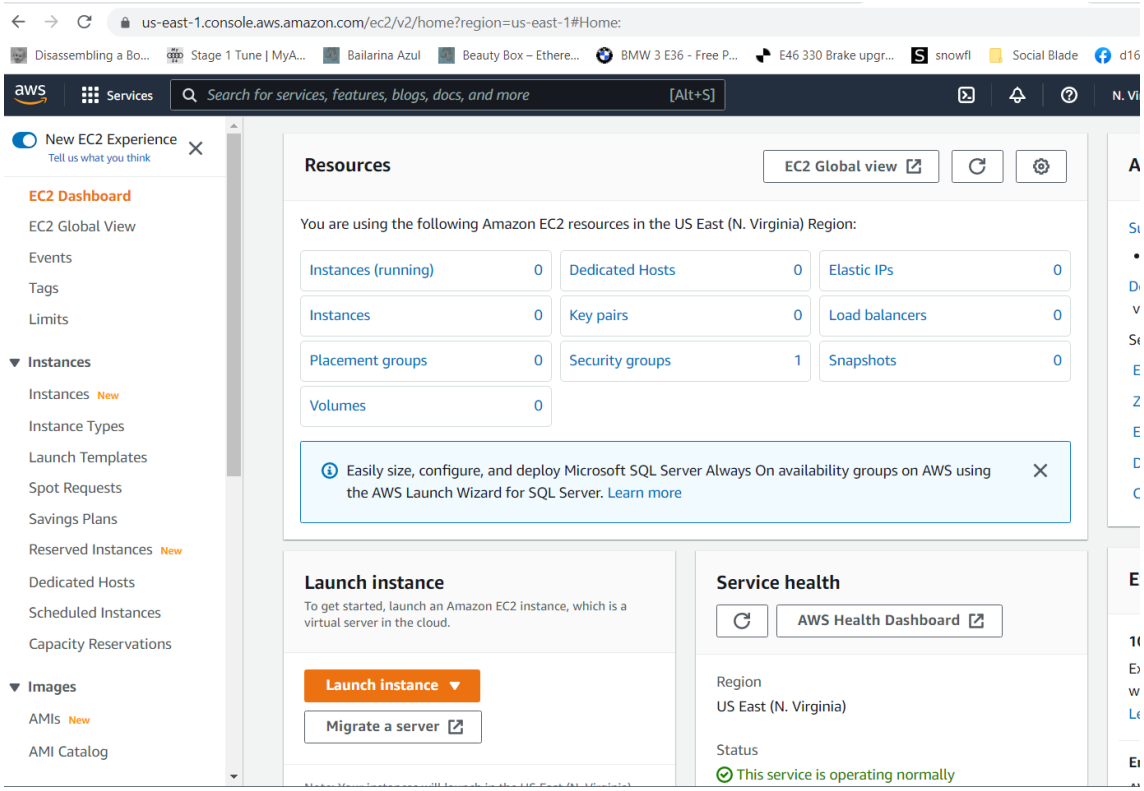
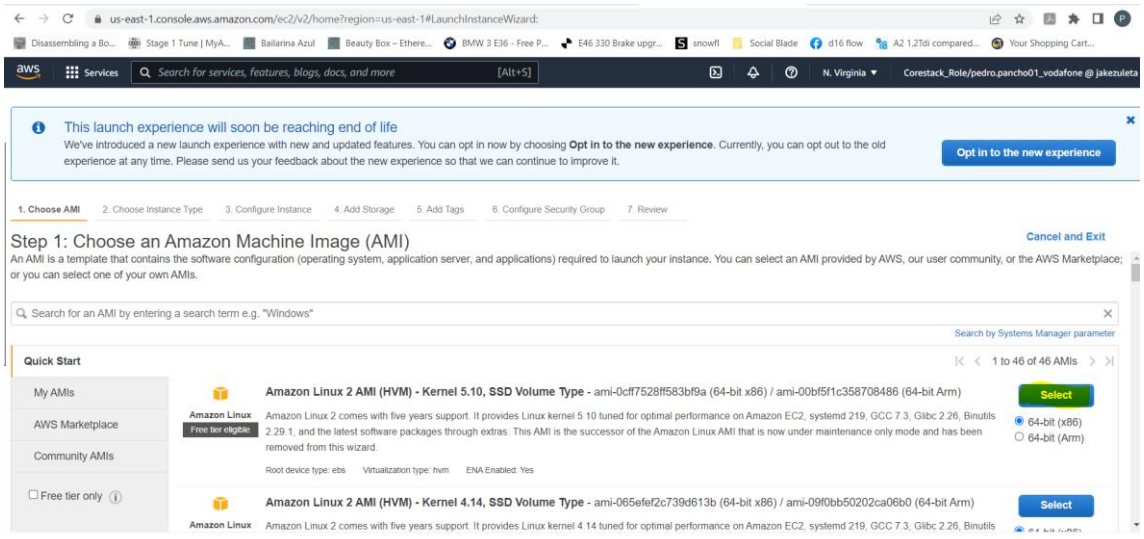
Screenshots of the Assessment

Fresh Ec2 env:



New Instance:



Step 2: Choose an Instance Type

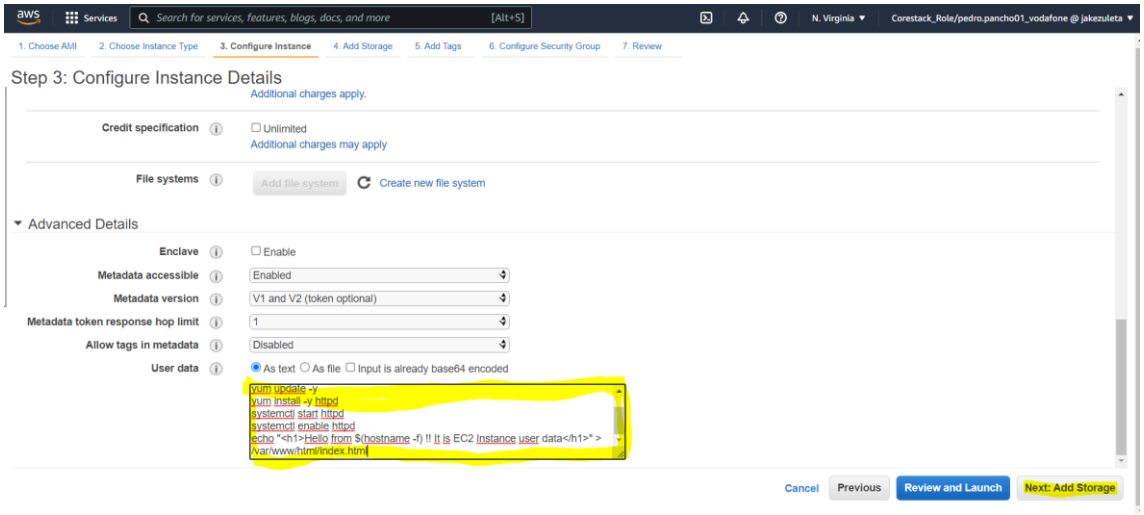
Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources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

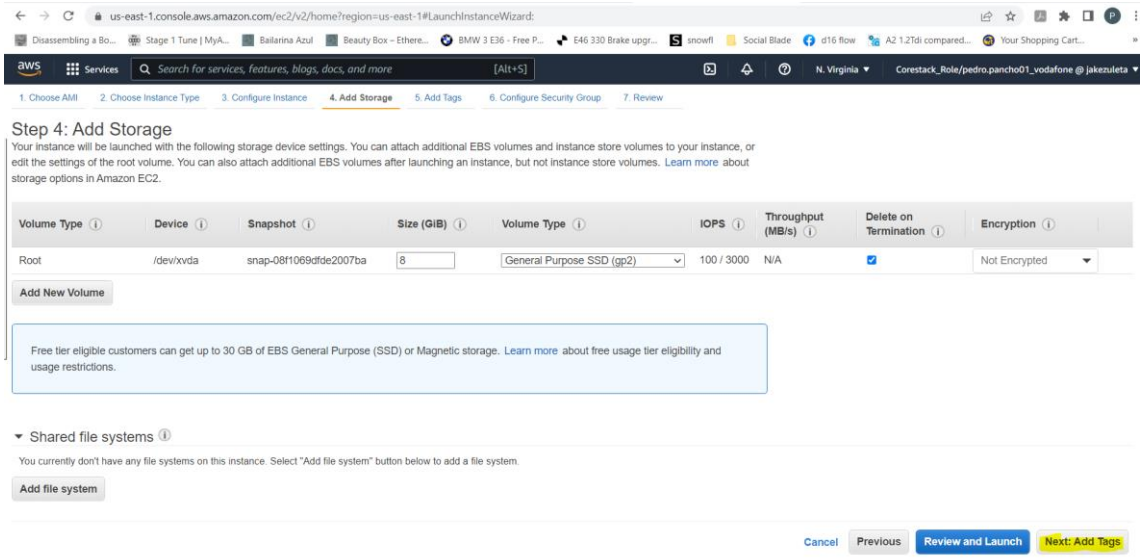
Filter by: All instance families | Current generation | Show/Hide Columns

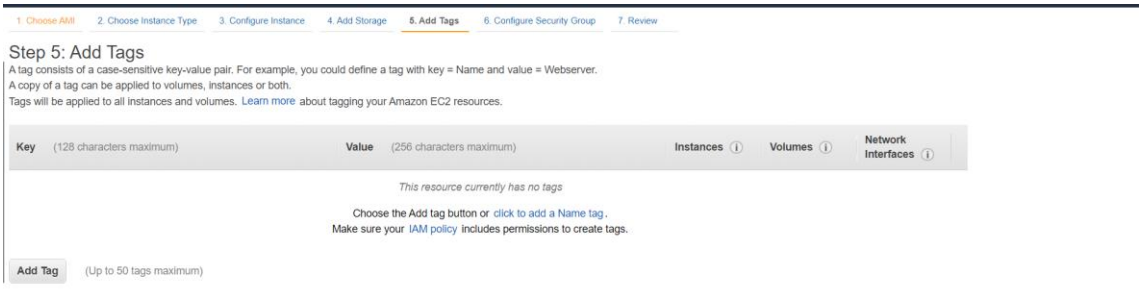
Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, -, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
☐	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
☑	t2	t2.micro (Free tier eligible)	1	1	EBS only	-	Low to Moderate	Yes
☐	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
☐	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
☐	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes
☐	t2	t2.xlarge	4	16	EBS only	-	Moderate	Yes
☐	t2	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
☐	t3	t3.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes

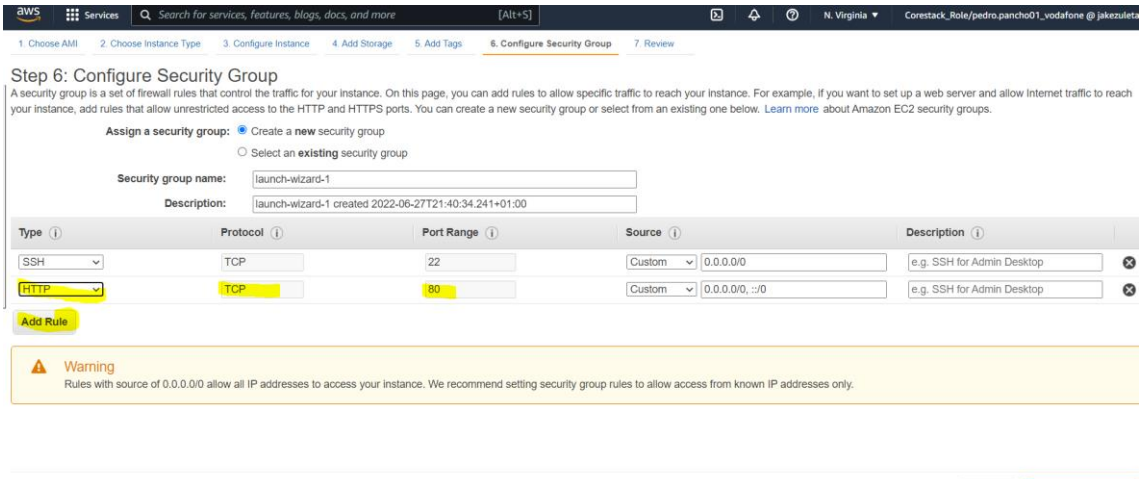
Cancel | Previous | Review and Launch | Next: Configure Instance Details



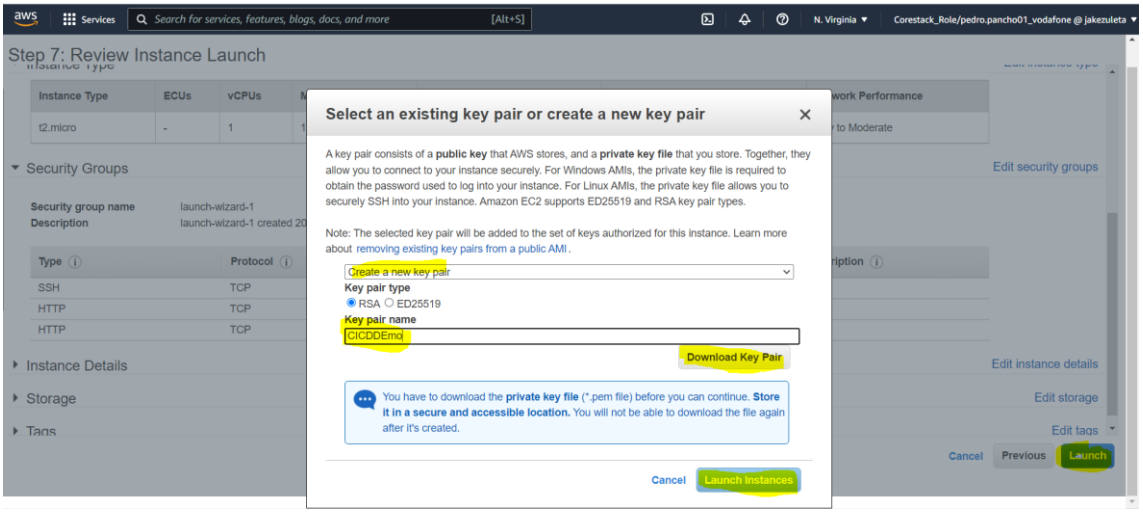


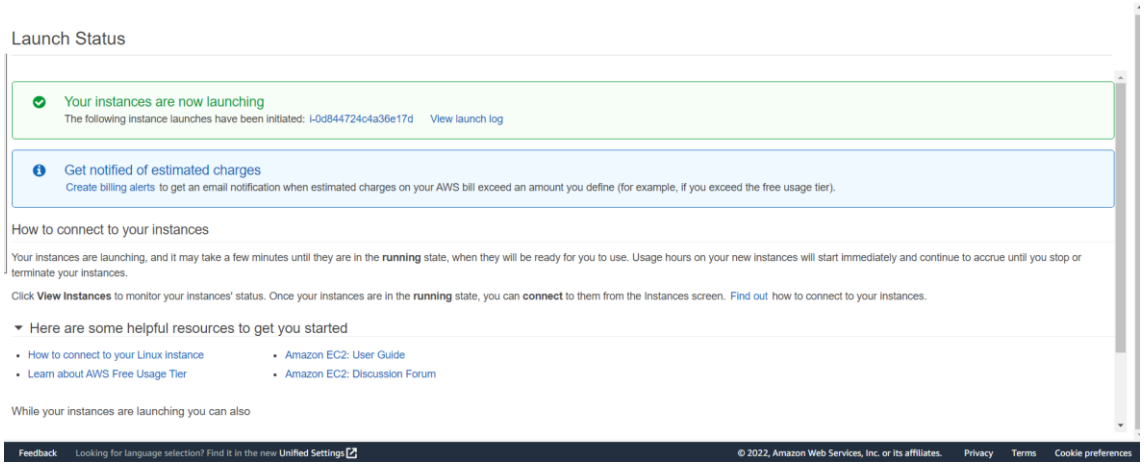

1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 5: Add Tags
A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to 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
Volumes
Network Interfaces
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


Services
Search for services, features, blogs, docs, and more
[Alt+S]
N. Virginia
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
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: launch-wizard-1
Description: launch-wizard-1 created 2022-06-27T21:40:34.241+01:00
Type
Protocol
Port Range
Source
Description
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


Services
Search for services, features, blogs, docs, and more
[Alt+S]
N. Virginia
Step 7: Review Instance Launch
Instance Type
ECUs
vCPUs
t2.micro
Security Groups
Security group name
launch-wizard-1
Description
Type
Protocol
SSH
TCP
HTTP
TCP
HTTP
TCP
Instance Details
Storage
Tags
Edit security groups
Edit instance details
Edit storage
Edit tags
Cancel
Previous
Launch
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
CICDDEmo
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-0d844724c4a36e17d 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
Learn about AWS Free Usage Tier
Amazon EC2: User Guide
Amazon EC2: Discussion Forum
While your instances are launching you can also
Feedback
Looking for language selection? Find it in the new Unified Settings
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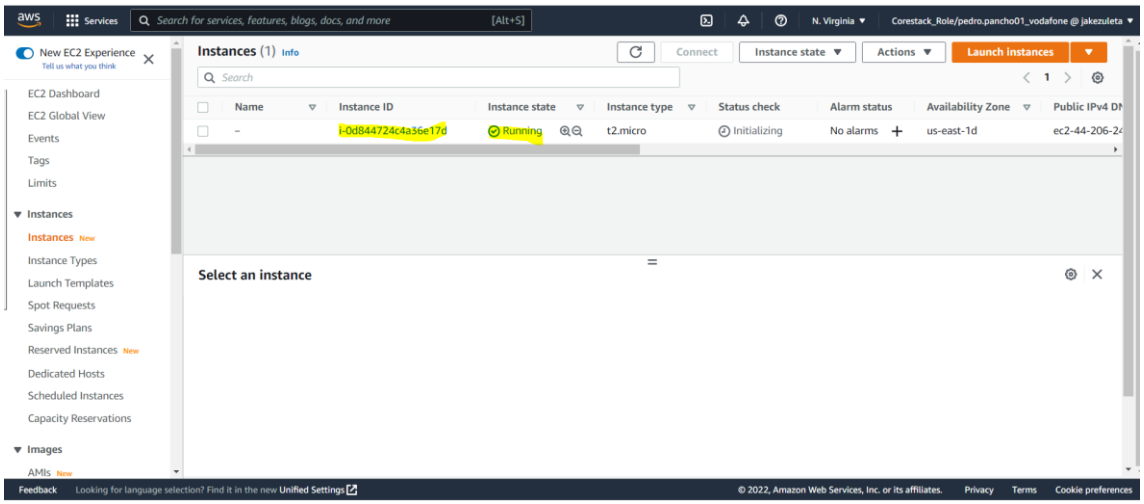
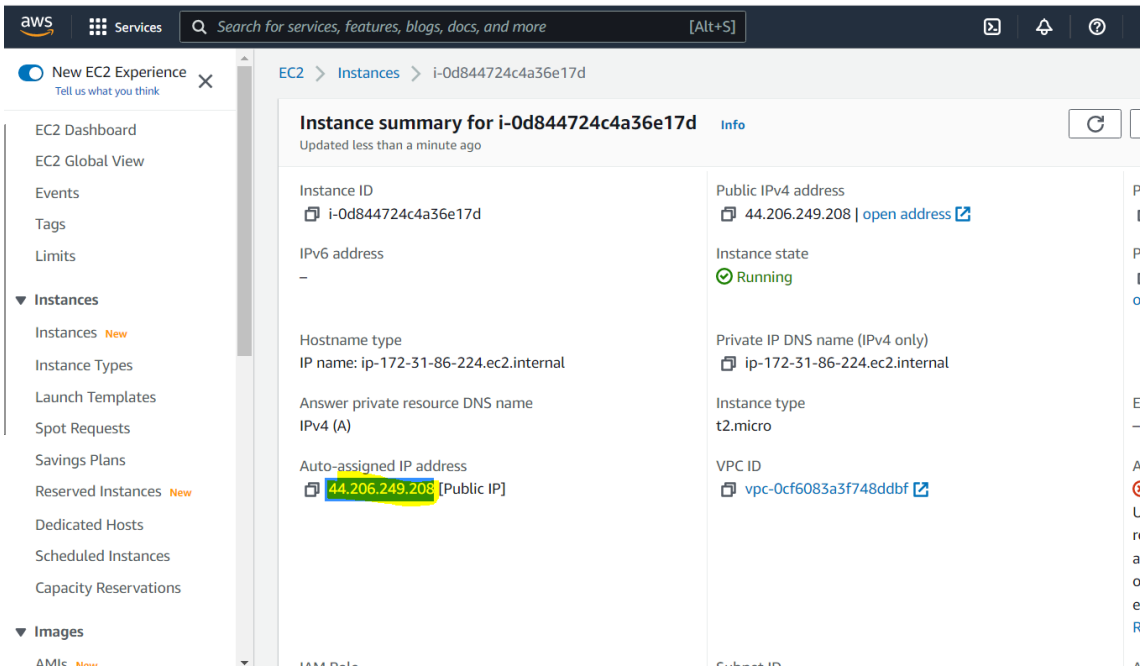
Privacy
Terms
Cookie preferences


Services
Search for services, features, blogs, docs, and more [Alt+S]
N. Virginia
Corestack_Role/pedro.pancho01_vodafone @ jakezuleta
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) Info
Connect
Instance state
Actions
Launch instances
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DN
i-0d844724c4a36e17d
Running
t2.micro
Initializing
No alarms
us-east-1d
Select an instance
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences

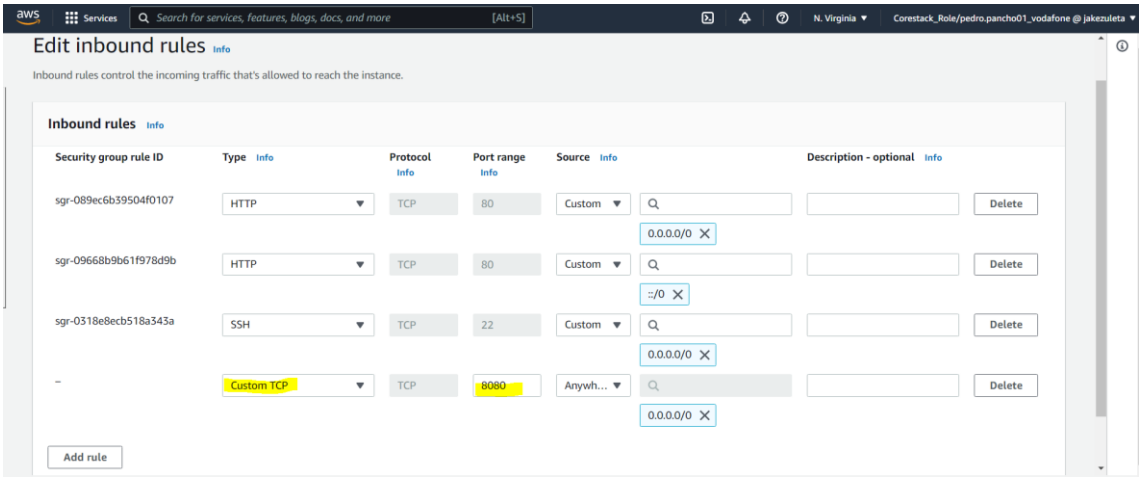
Check IP:


Services
Search for services, features, blogs, docs, and more [Alt+S]
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
EC2 > Instances > i-0d844724c4a36e17d
Instance summary for i-0d844724c4a36e17d Info
Updated less than a minute ago
Instance ID
i-0d844724c4a36e17d
IPv6 address
–
Hostname type
IP name: ip-172-31-86-224.ec2.internal
Answer private resource DNS name
IPv4 (A)
Auto-assigned IP address
44.206.249.208 [Public IP]
Public IPv4 address
44.206.249.208 | open address
Instance state
Running
Private IP DNS name (IPv4 only)
ip-172-31-86-224.ec2.internal
Instance type
t2.micro
VPC ID
vpc-0cf6083a3f748ddbf

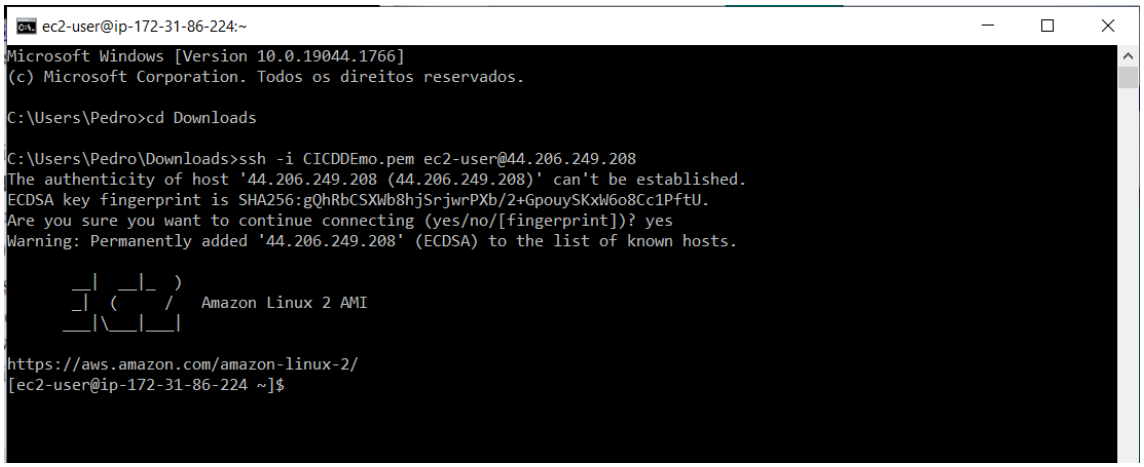
Check port80 reply to public: (OK!!)

Install / Configure Jenkins:

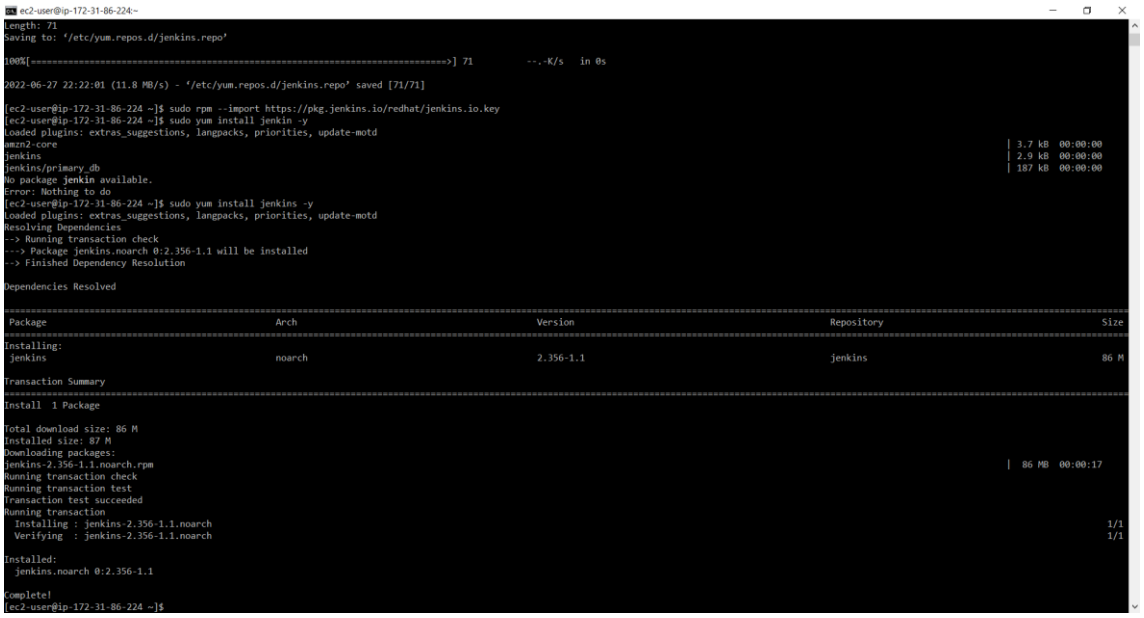
Add 8080 port to inbound rulles



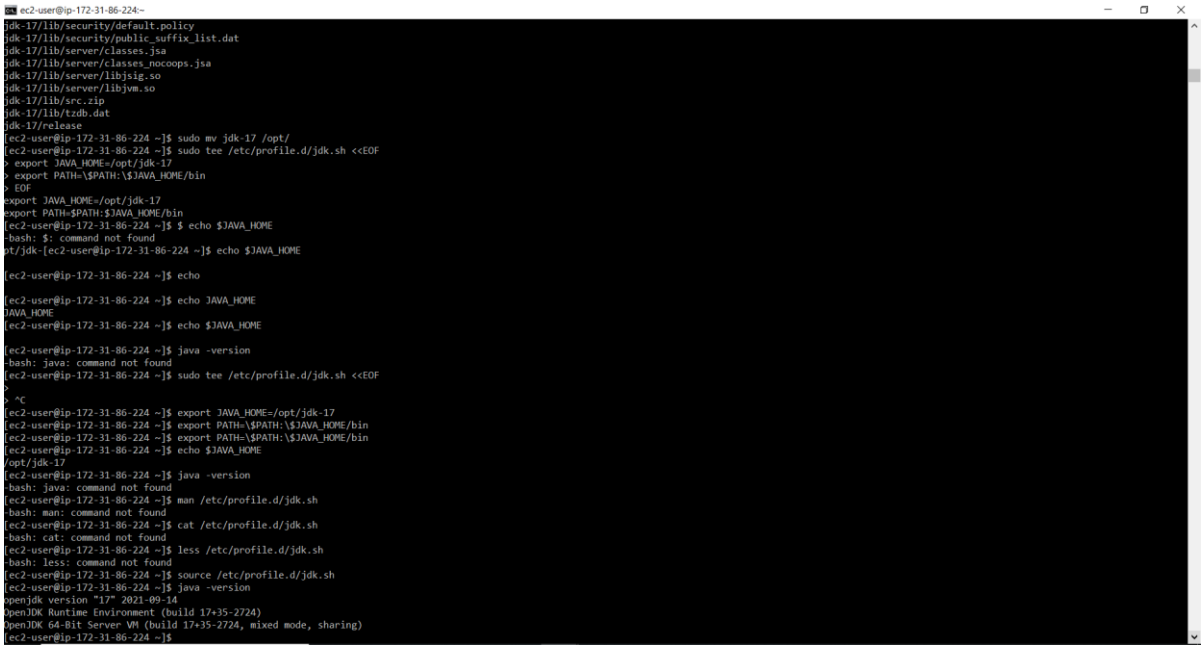
Connect to ec2 via ssh

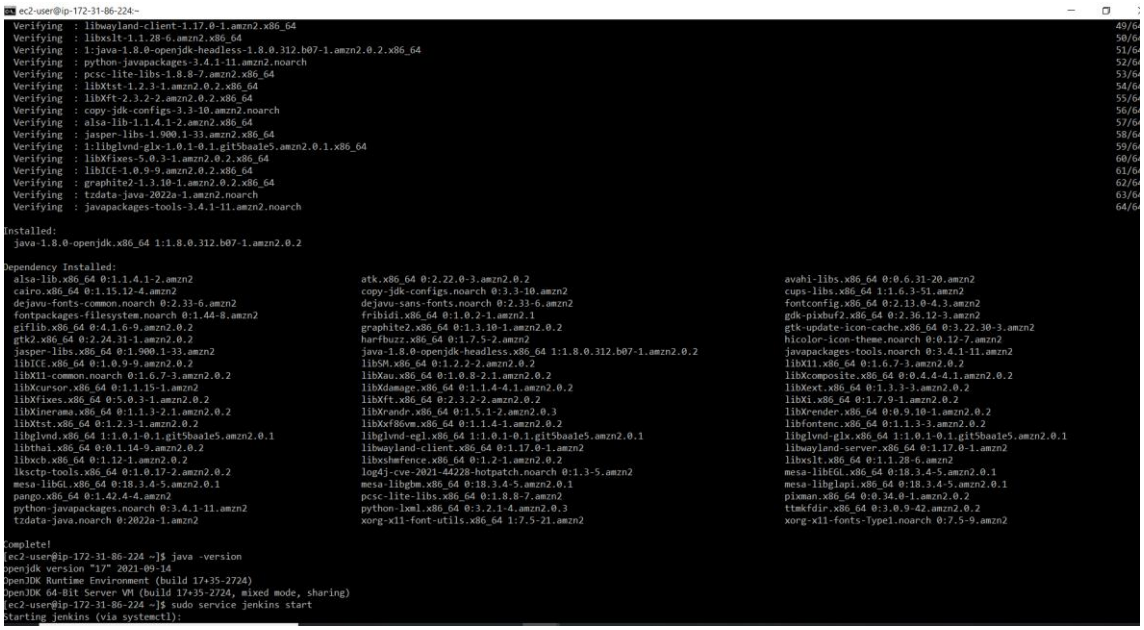


Install Jenkins

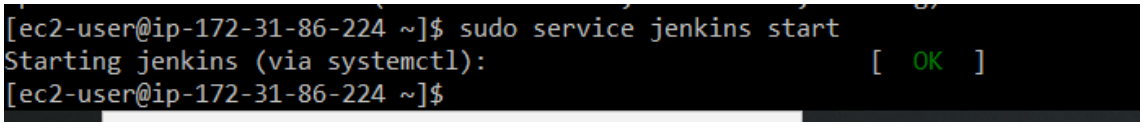


Install JDK

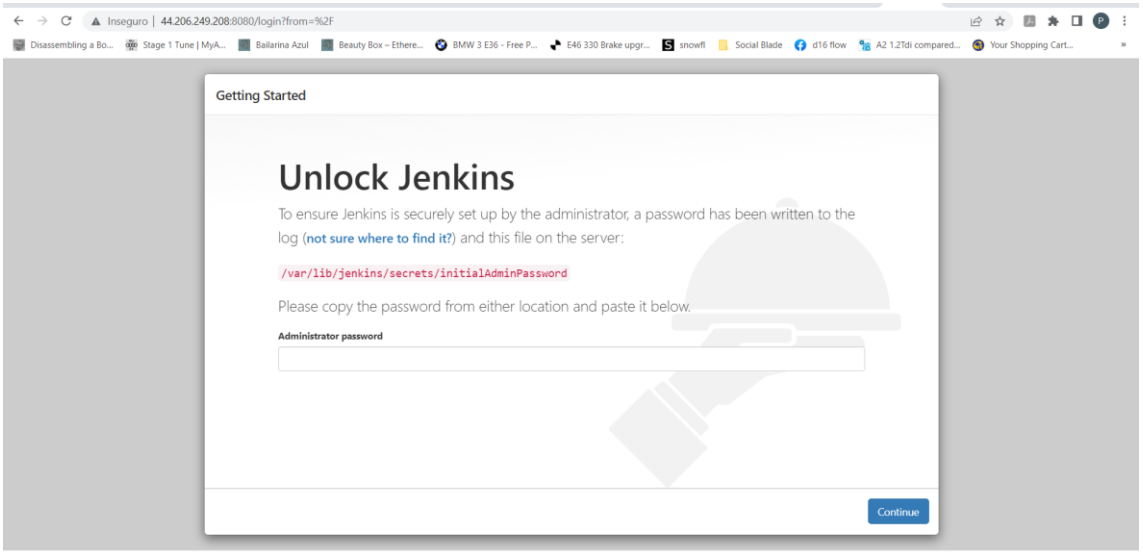




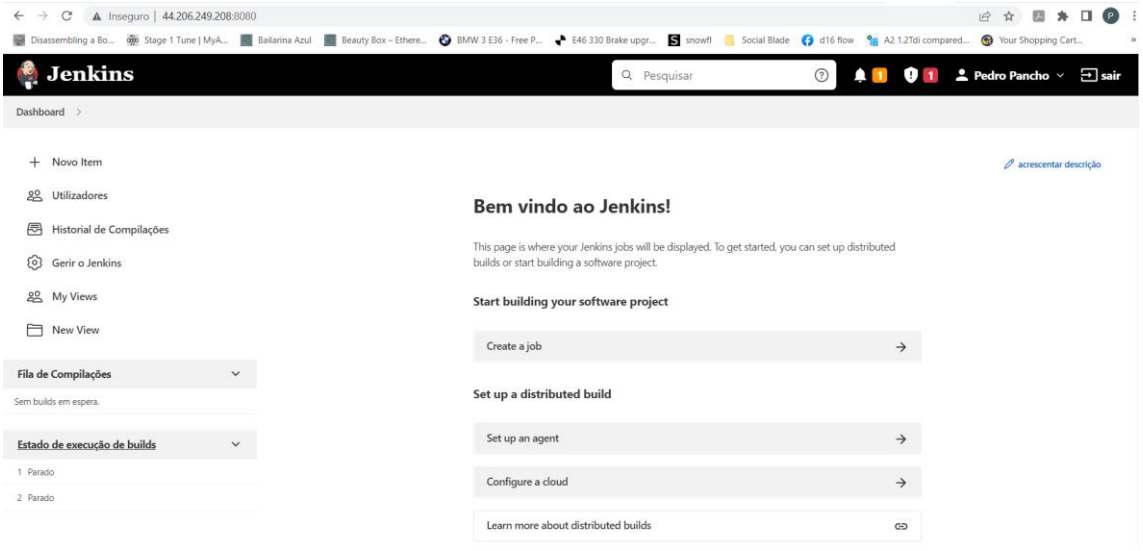
Staring jenkins



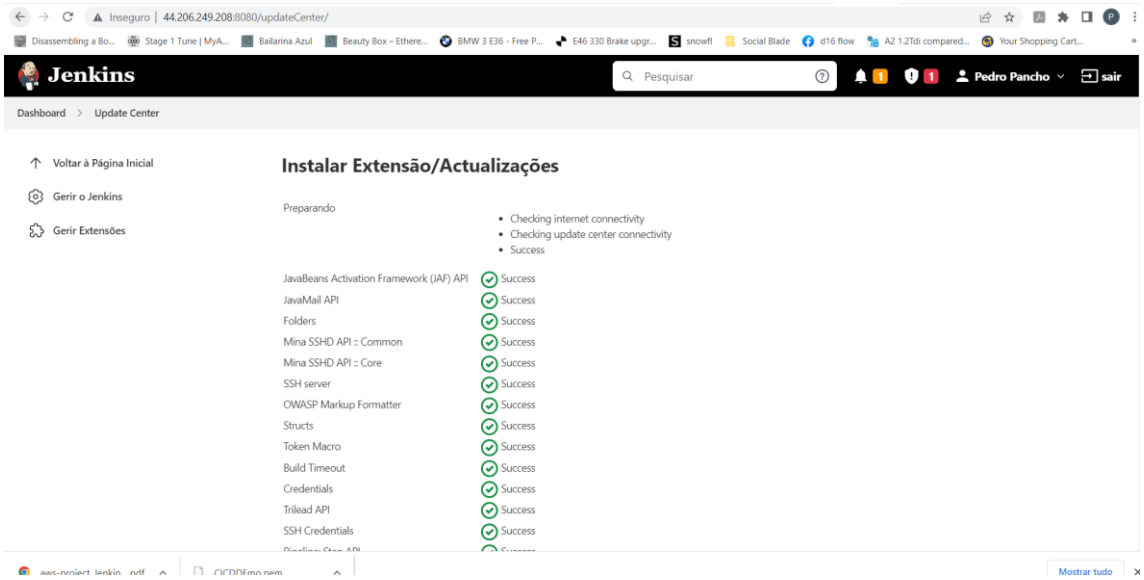
Connecting to Jenkins in EC2 via browser:



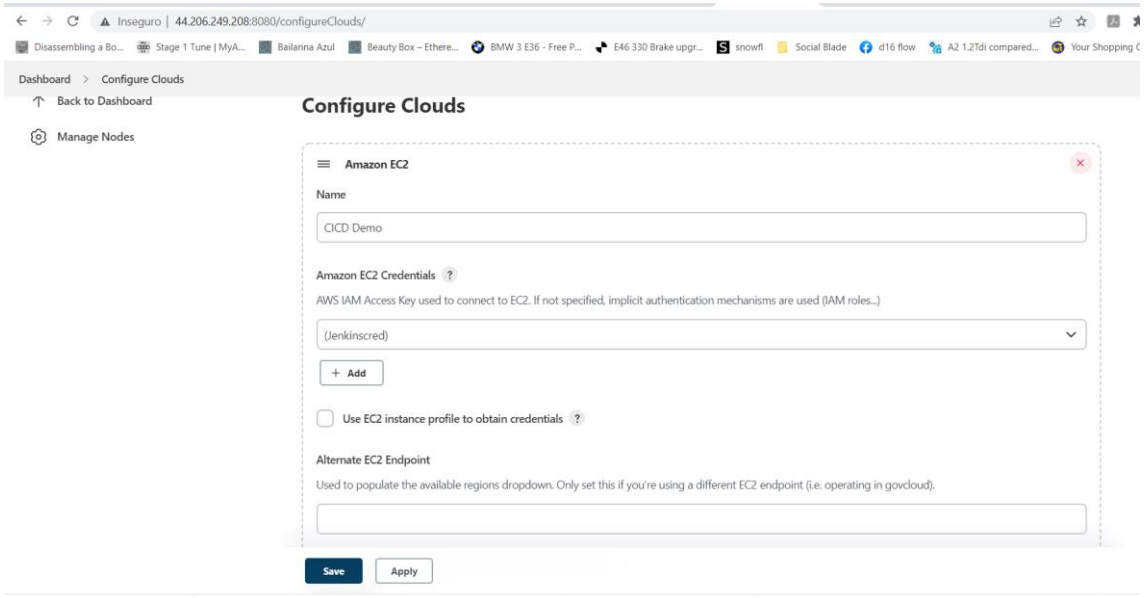
Finish configuarion of users and default plugins:



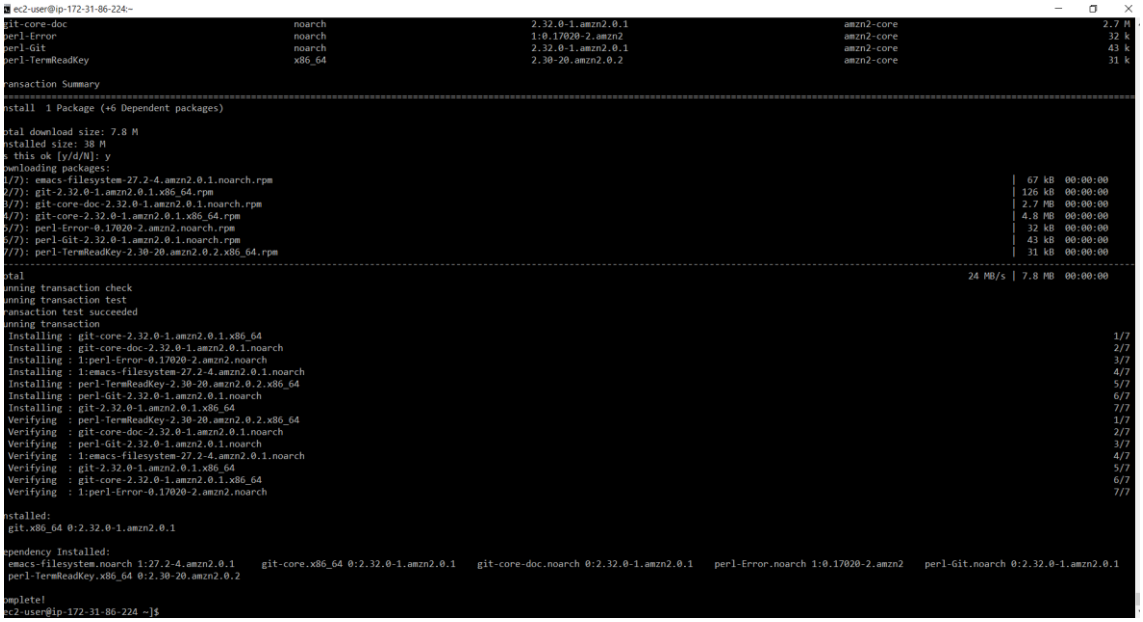
EC2 Plugin instalation:



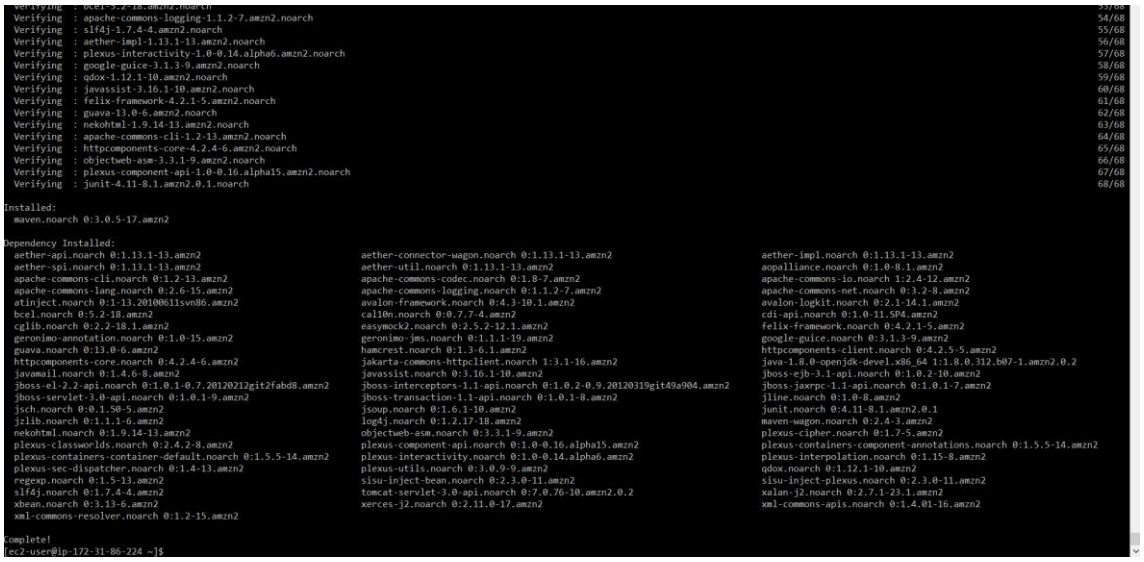
Configured credentials



Install git



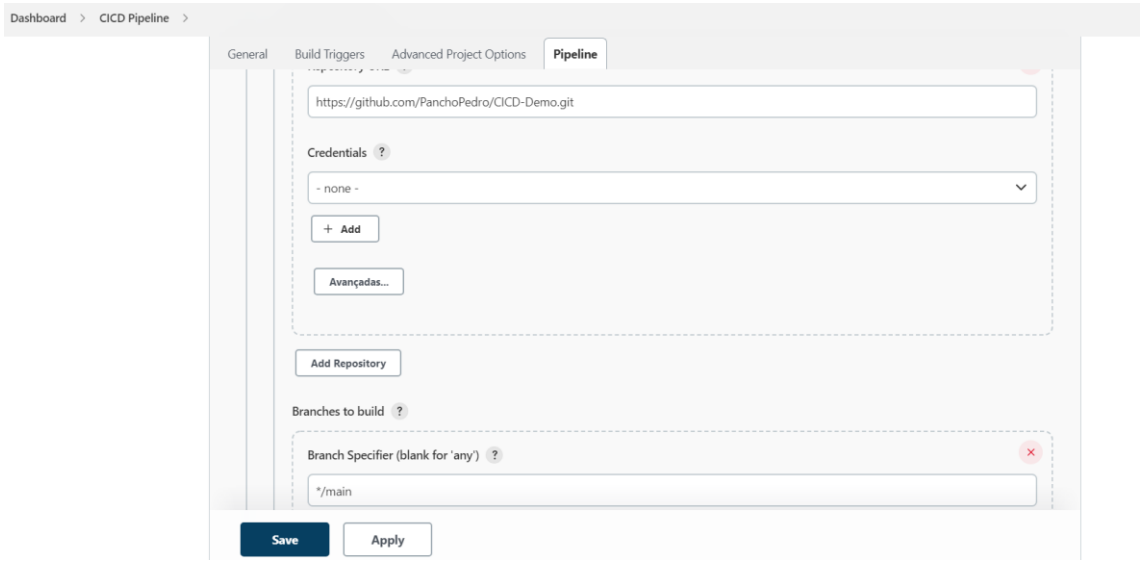
Install maven



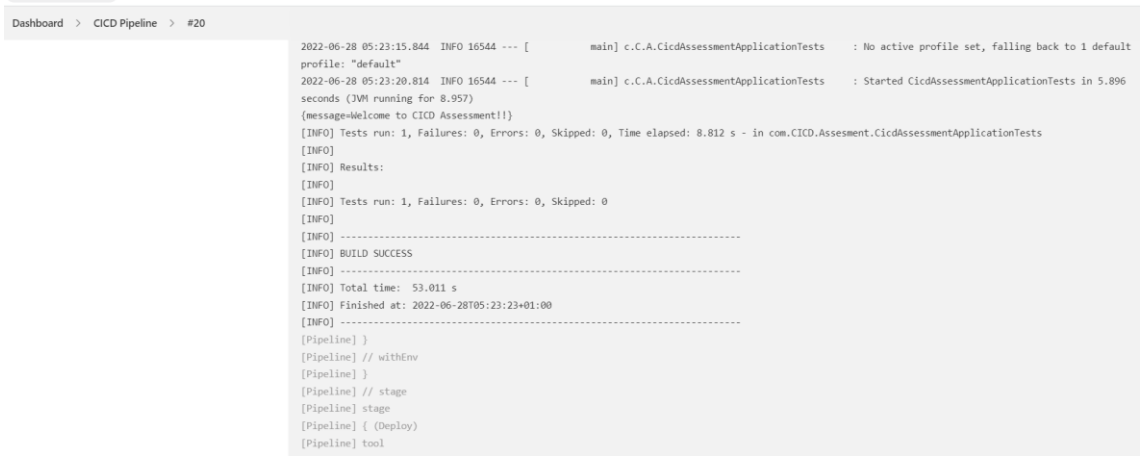
Had some issues with version of maven java and dependencies

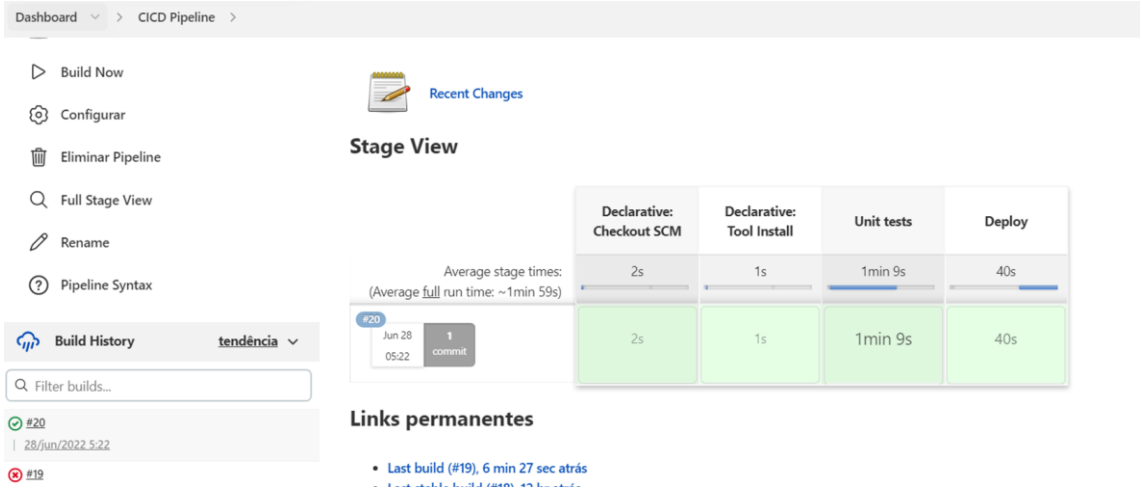
Took too long to fix …. Didn’t got screenshots of those at the time unable to take it now due to expired AWS

Configure Pipeline



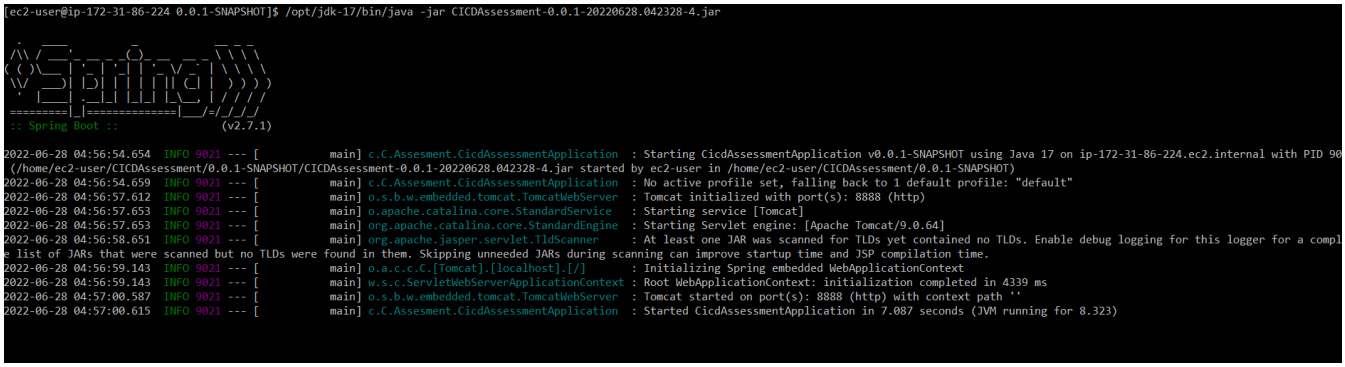
Testing and deploying



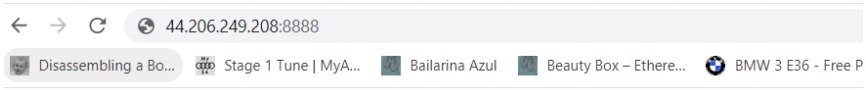


Missing Screenshot of inbound traffic rules for port 8888* unable to take it now due to expired AWS

Running on EC2



Browser connected via port 8888



Hello Welcome to CICD Assessment!!

Changed testcase in order to fail:

Once tests fail no deployment is executed