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Logar no AWS educate

<https://www.awseducate.com/signin/SiteLogin>

Entrar com e-mail e senha da fiap.

Depois entrar em my classrooms na sala da Fiap da disciplina em questão:

My Classrooms

awseducate.com/educator/s/educator-classrooms

Daniel Lemeszenski


Content Saved: 0

Courses Taken 0

Preferred Language: English

My Classrooms

Check on the status of your Classroom requests or go to your Classroom. Click on a Classroom name to view the details you provided in your request.



Classrooms where I am an Educator

Course Name	Request Date	Course Number	Start Date	Credit Allocated Per Student	# Invited Students	# Students Joined	Status
Cloud Computing & SRE	06/16/2020	73AOJ	06/16/2020	\$50	34	23	Go to classroom
Devops Engineering	06/21/2020	3DVP	06/22/2020	\$50	8	1	Go to classroom

[REQUEST A NEW CLASSROOM](#)[BACK TO CLASSROOMS & CREDITS](#)

Go to classroom:

Welcome to your AWS Educate Account

AWS Educate provides you with access to a wide variety of AWS Services for you to get your hands on and build on AWS! To get started, click on the AWS Console button to log in to your AWS console.

Please read the FAQ below to help you get started on your Starter Account.

- What are the list of services supported?
- What regions are supported with Starter Accounts or Classroom Accounts?
- I can't start any resources. What happened?
- Can I create users within my Starter or Classroom Account for others to access?
- Can I create my own IAM policy within Starter Account or Classroom?
- Can I use marketplace software with my Starter Account or Classrooms?

Your AWS Account Status

Active
full access (profdaniel.andrade@fiap.com.br)

\$49.15
remaining credits (estimated)

2:60
session time

[Account Details](#) [AWS Console](#)

Please use AWS Educate Account responsibly. Remember to shut down your instances when not in use to make the best use of your credits. And, don't forget to logout once you are done with your work!

AWS console home EC2

Entrar em Services, e em EC2:

Services

Find a service by name or feature (for example, EC2, S3 or VM, storage)

Compute (indicated by a blue arrow)

- EC2
- Lightsail
- Lambda
- Batch
- Elastic Beanstalk
- Serverless Application Repository
- AWS Outposts
- EC2 Image Builder

Storage

- S3
- EFS
- FSx
- S3 Glacier
- Storage Gateway
- AWS Backup

Database

- RDS
- DynamoDB
- ElastiCache
- Neptune
- Amazon Redshift
- Amazon QLDB
- Amazon DocumentDB
- Amazon ElastiCache

Blockchain

- Amazon Managed Blockchain

Satellite

- Ground Station

Quantum Technologies

- Amazon Braket

Management & Governance

- AWS Organizations
- CloudWatch
- AWS Auto Scaling
- CloudFormation
- CloudTrail
- Config
- OpsWorks
- Service Catalog
- Systems Manager
- AWS AppConfig
- Trusted Advisor
- Control Tower
- AWS License Manager
- AWS Well-Architected Tool
- Personal Health Dashboard
- AWS Chatbot

Analytics

- Athena
- EMR
- CloudSearch
- Elasticsearch Service
- Kinesis
- QuickSight
- Data Pipeline
- AWS Data Exchange
- AWS Glue
- AWS Lake Formation
- MSK

Security, Identity, & Compliance

- IAM
- Resource Access Manager
- Cognito
- Secrets Manager
- GuardDuty
- Inspector
- Amazon Macie
- AWS Single Sign-On
- Certificate Manager
- Key Management Service
- CloudHSM
- Directory Service
- WAF & Shield

Business Applications

- Alexa for Business
- Amazon Chime
- WorkMail
- Amazon Honeycode

End User Computing

- WorkSpaces
- AppStream 2.0
- WorkDocs
- WorkLink

Internet Of Things

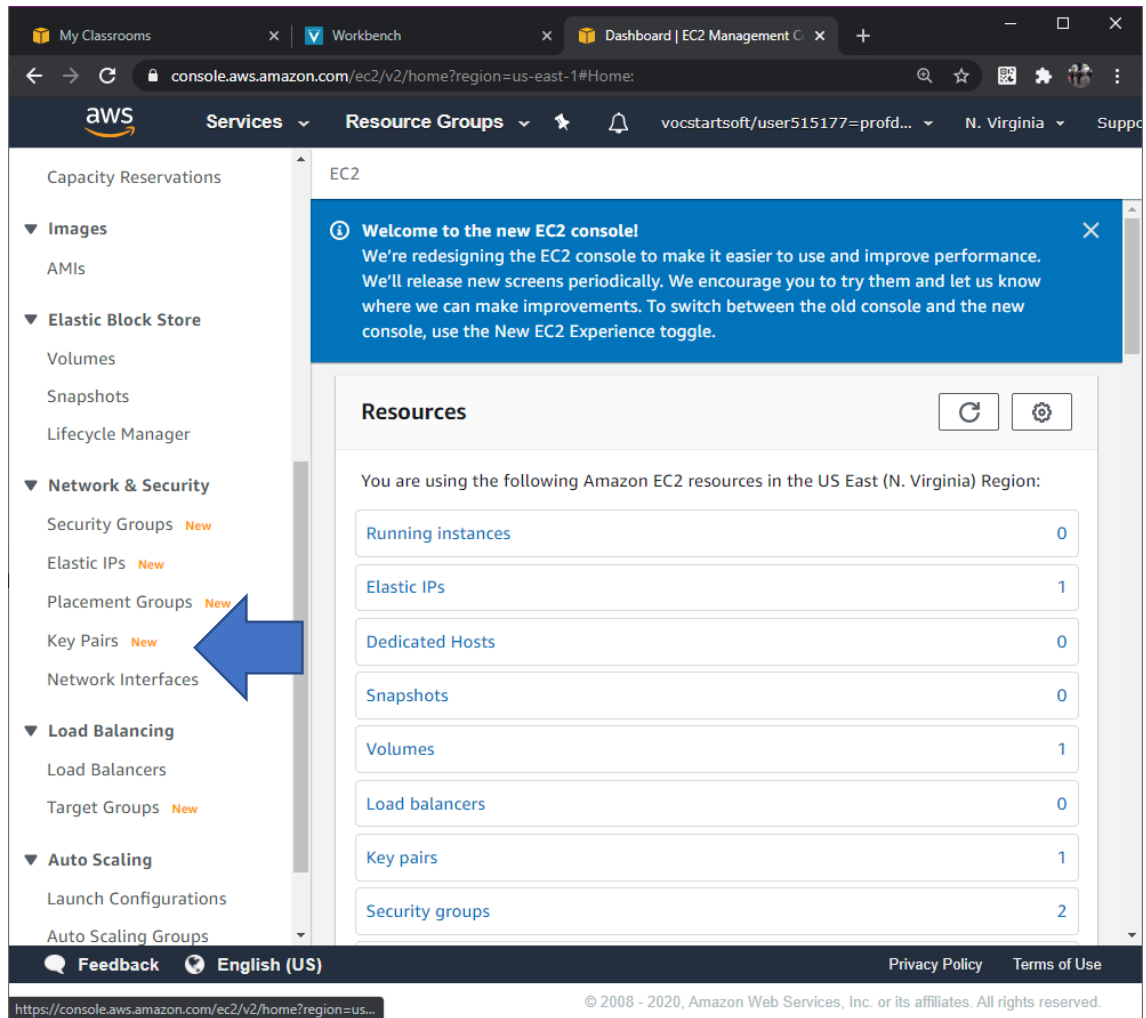
- IoT Core
- FreeRTOS
- IoT 1-Click
- IoT Analytics
- IoT Device Defender
- IoT Device Management
- IoT Events
- IoT Greengrass
- IoT SiteWise
- IoT Things Graph

Game Development

- Amazon GameLift

Key Pair

Criar key pair:



The screenshot shows the AWS Management Console interface. On the left, the navigation menu is expanded to 'Network & Security', and 'Key Pairs' is highlighted with a blue arrow. The main content area displays the 'Resources' section for EC2, showing a list of resources in the US East (N. Virginia) Region. A blue notification banner at the top of the main content area welcomes the user to the new EC2 console.

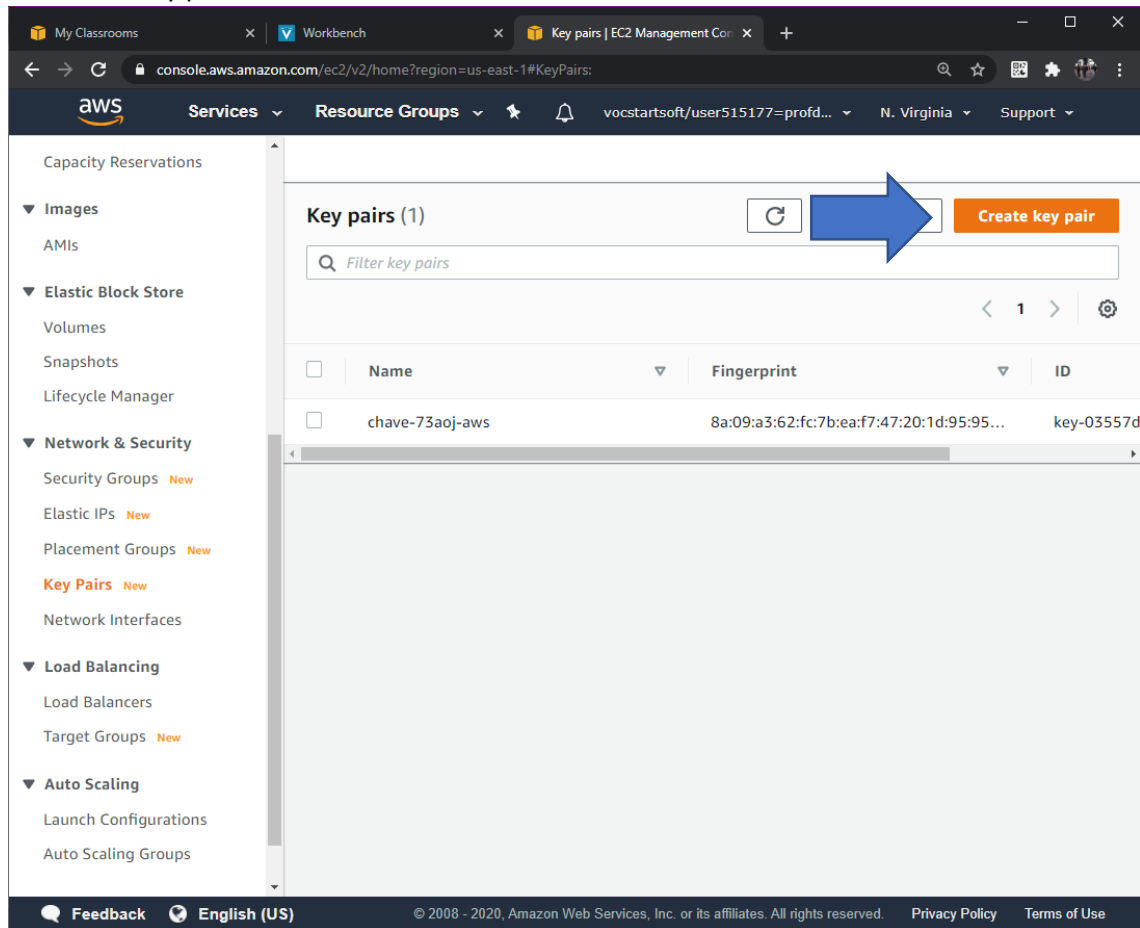
Resources

You are using the following Amazon EC2 resources in the US East (N. Virginia) Region:

Running instances	0
Elastic IPs	1
Dedicated Hosts	0
Snapshots	0
Volumes	1
Load balancers	0
Key pairs	1
Security groups	2

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Criar novo key pair



The screenshot shows the AWS Management Console interface for Key Pairs. The left sidebar contains a navigation menu with categories like Capacity Reservations, Images, Elastic Block Store, Network & Security, Load Balancing, and Auto Scaling. The main content area is titled 'Key pairs (1)' and includes a search bar labeled 'Filter key pairs'. Below the search bar is a table with columns for Name, Fingerprint, and ID. One key pair is listed: 'chave-73aoj-aws' with a fingerprint starting with '8a:09:a3:62:fc:7b:ea:f7:47:20:1d:95:95...'. A blue arrow points to the 'Create key pair' button in the top right corner of the main content area.

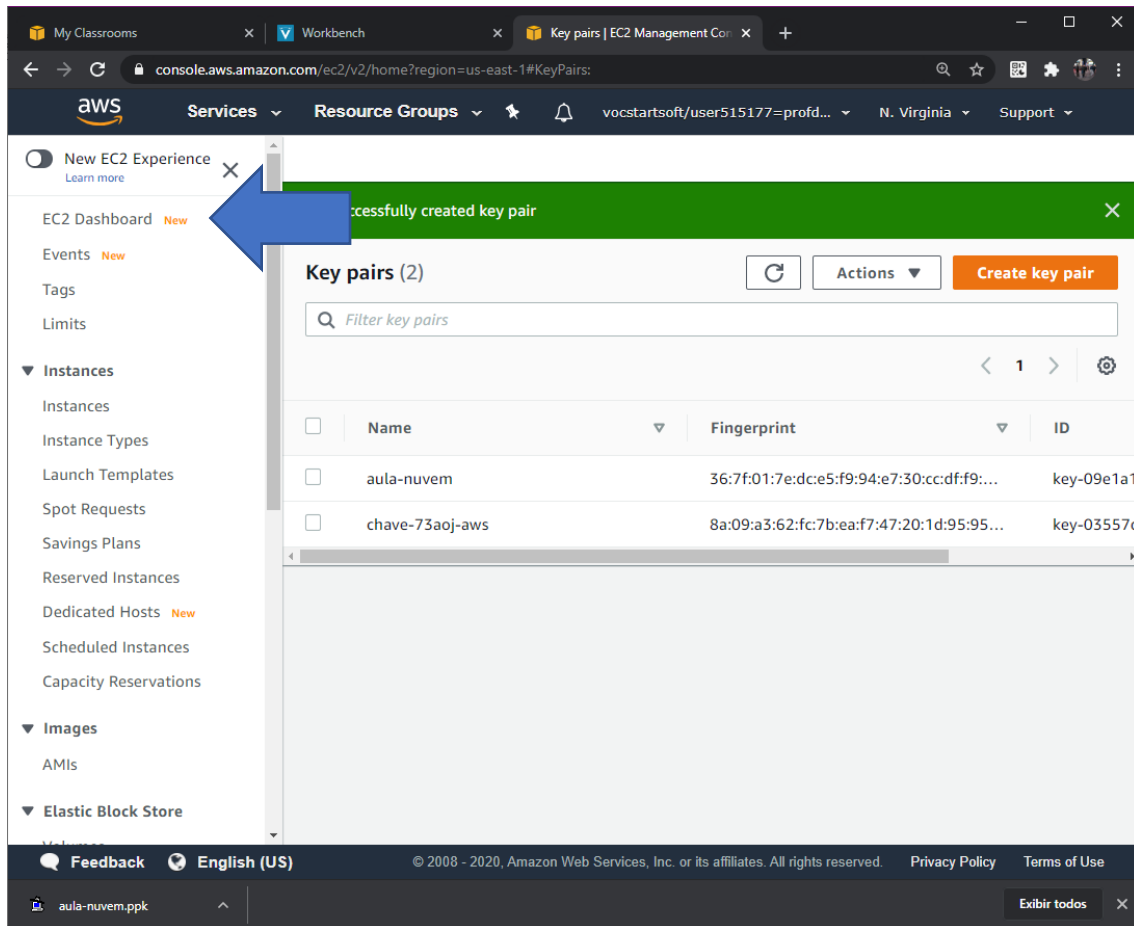
Name	Fingerprint	ID
chave-73aoj-aws	8a:09:a3:62:fc:7b:ea:f7:47:20:1d:95:95...	key-03557d

Para windows usar ppk pala mac e linux pem

The screenshot shows the AWS Management Console interface for creating a key pair. The browser tabs include 'My Classrooms', 'Workbench', and 'Create key pair | EC2 Manage...'. The URL is 'console.aws.amazon.com/ec2/v2/home?region=us-east-1#CreateKeyPair:'. The navigation bar shows 'Services', 'Resource Groups', and the user profile 'vocstartsoft/user515177=profd...'. The breadcrumb trail is 'EC2 > Key pairs > Create key pair'. The main heading is 'Create key pair'. Below it, a box titled 'Key pair' explains that a key pair consists of a private key and a public key. The 'Name' field is labeled 'Name' and contains the text 'aula-nuvem'. A note below the field states: 'The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.' The 'File format' section has two options: 'pem' (radio button) and 'ppk' (radio button, selected). Below 'pem' is the text 'For use with OpenSSH'. Below 'ppk' is the text 'For use with PuTTY'. At the bottom right of the form are two buttons: 'Cancel' and 'Create key pair' (orange). The footer contains 'Feedback', 'English (US)', copyright information '© 2008 - 2020, Amazon Web Services, Inc. or its affiliates. All rights reserved.', 'Privacy Policy', and 'Terms of Use'.

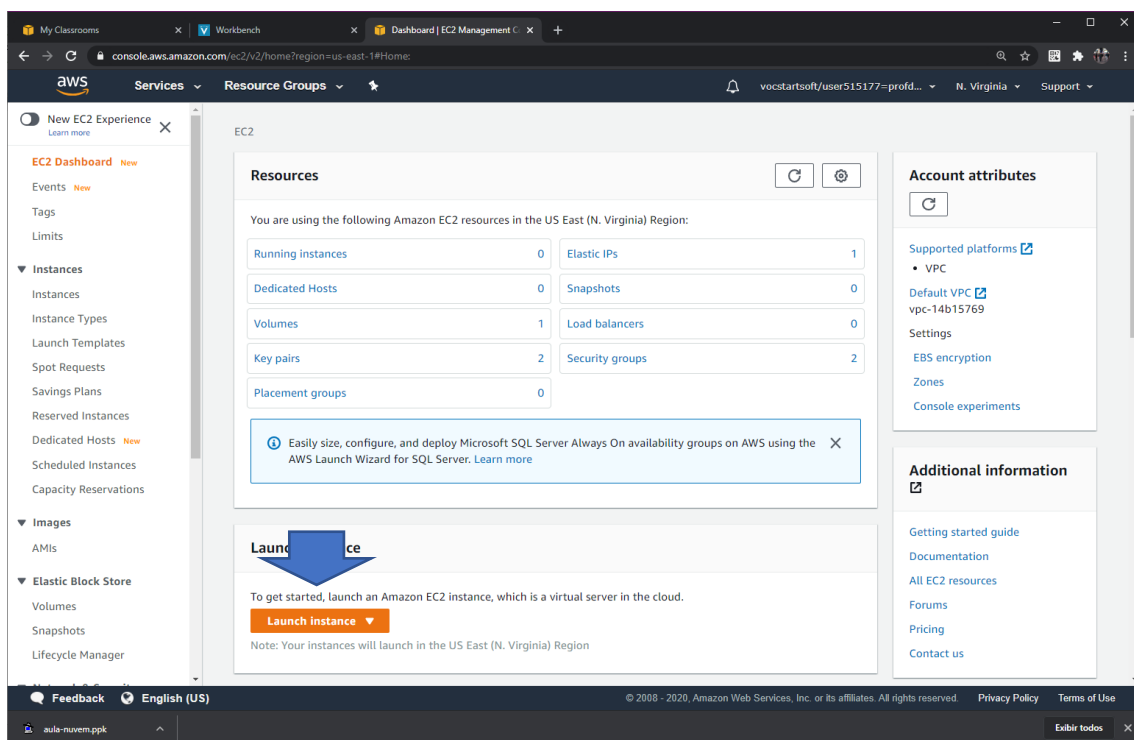
Salvar a chave criada em um diretório, pois iremos usar mais adiante.

Depois, voltamos para EC2:



Criar instancia EC2

Launch Instance (criar instancia)



Step 1: Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Search by Systems Manager parameter

Quick Start (8)

- My AMIs (0)
- AWS Marketplace (459)
- Community AMIs (38339)
- ☐ Free tier only

Search results for 'ubuntu':

- Ubuntu Server 18.04 LTS (HVM), SSD Volume Type** - ami-0ac80df6ff0e70b5 (64-bit x86) / ami-0d221091ef7082bcf (64-bit Arm) **Select**
Free tier eligible
Ubuntu Server 18.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes
☒ 64-bit (x86) ☐ 64-bit (Arm)
- Ubuntu Server 16.04 LTS (HVM), SSD Volume Type** - ami-0a0dd875a1ea2c7f (64-bit x86) / ami-0b786a1a999c4e98e (64-bit Arm) **Select**
Free tier eligible
Ubuntu Server 16.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes
☒ 64-bit (x86) ☐ 64-bit (Arm)
- Deep Learning AMI (Ubuntu 18.04) Version 30.0** - ami-029510cec6d69f121 **Select**
MXNet-1.6.0, TensorFlow-2.2.0, 2.1.0 & 1.15.2, PyTorch-1.4.0 & 1.5.0, Neuron, & others. NVIDIA CUDA, cuDNN, NCCL, Intel MKL-DNN, Docker, NVIDIA-Docker & EFA support. For fully managed experience, check: <https://aws.amazon.com/sagemaker>
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes
64-bit (x86)
- Deep Learning AMI (Ubuntu 16.04) Version 30.0** - ami-084e787069ee27fb7 **Select**
MXNet-1.6.0, TensorFlow-2.2.0, 2.1.0 & 1.15.2, PyTorch-1.4.0 & 1.5.0, EI, Neuron, & others. NVIDIA CUDA, cuDNN, NCCL, Intel MKL-DNN, Docker,
64-bit (x86)

Escolher ubuntu server 18.04:

Escolher t2.large:

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 types** **Current generation** [Show/Hide Columns](#)

Currently selected: t2.large (Variable ECUs, 2 vCPUs, 2.3 GHz, Intel Broadwell E5-2686v4, 8 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.micro	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t2.xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t3a.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	General purpose	t3a.micro	2	1	EBS only	Yes	Up to 5 Gigabit	Yes

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

Next>

My Classrooms x Workbench x Launch instance wizard | EC2 M: x +

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

aws Services Resource Groups

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

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances 1 Launch into Auto Scaling Group

Purchasing option ☐ Request Spot instances

Network vpc-14b15769 (default) Create new VPC

Subnet No preference (default subnet in any Availability Zone) Create new subnet

Auto-assign Public IP Use subnet setting (Enable)

Placement group ☐ Add instance to placement group

Capacity Reservation Open Create new Capacity Reservation

IAM role None Create new IAM role

Shutdown behavior Stop

Stop - Hibernate behavior ☐ Enable hibernation as an additional stop behavior

Enable termination protection ☐ Protect against accidental termination

Monitoring ☐ Enable CloudWatch detailed monitoring Additional charges apply

Tenancy Shared - Run a shared hardware instance

Cancel Previous Review and Launch Next: Add Storage

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aula-novem.ppt x Exibir todos x

Next: Add Storage

My Classrooms x Workbench x Launch instance wizard | EC2 M: x +

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

aws Services Resource Groups

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/sda1	snap-09eab526a0b161108	30	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypt

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.

Cancel Previous Review and Launch Next: Add Tags

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aula-novem.ppt x Exibir todos x

Next: Add tags

The screenshot shows the 'Launch instance wizard' in the AWS Management Console, specifically Step 5: Add Tags. The breadcrumb trail at the top indicates the steps: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance, 4. Add Storage, 5. Add Tags, 6. Configure Security Group, and 7. Review. The main heading is 'Step 5: Add Tags'. Below it, a paragraph explains that a tag is a case-sensitive key-value pair and can be applied to instances and volumes. A text box for adding tags is visible, with fields for 'Key' (128 characters maximum) and 'Value' (256 characters maximum). Below the text box, it states 'This resource currently has no tags' and provides instructions to choose the 'Add tag' button or click to add a Name tag. At the bottom of the wizard, there are buttons for 'Cancel', 'Previous', 'Review and Launch', and 'Next: Configure Security Group'. The footer of the console shows the user's name 'vocstartsoft/user515177=profd...', the region 'N. Virginia', and the date '© 2008 - 2020, Amazon Web Services, Inc. or its affiliates. All rights reserved.'

My Classrooms | Workbench | Launch instance wizard | EC2 M...

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

aws Services Resource Groups

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

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

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lab-novem.ppk

Configurar Security Groups

Next: Configure Security Groups e libere as portas 22, 8080 e 8050 para my ip (seu ip)

The screenshot shows the 'Launch instance wizard' in the AWS Management Console, specifically Step 6: Configure Security Group. The breadcrumb trail at the top indicates the steps: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance, 4. Add Storage, 5. Add Tags, 6. Configure Security Group, and 7. Review. The main heading is 'Step 6: Configure Security Group'. Below it, a paragraph explains that a security group is a set of firewall rules that control the traffic for your instance. The 'Assign a security group' section has two options: 'Create a new security group' (selected) and 'Select an existing security group'. The 'Security group name' field is set to 'launch-wizard-1' and the 'Description' field is set to 'launch-wizard-1 created 2020-06-26T16:24:06.965-03:00'. Below this, a table lists the configured rules. The table has columns for Type, Protocol, Port Range, Source, and Description. There are four rules: SSH (Type: SSH, Protocol: TCP, Port Range: 22, Source: Anywhere, Description: e.g. SSH for Admin Desktop), Custom TCP (Type: Custom TCP, Protocol: TCP, Port Range: 80, Source: Anywhere, Description: e.g. SSH for Admin Desktop), Custom TCP (Type: Custom TCP, Protocol: TCP, Port Range: 85, Source: Anywhere, Description: e.g. SSH for Admin Desktop), and Custom TCP (Type: Custom TCP, Protocol: TCP, Port Range: 8080, Source: Anywhere, Description: e.g. SSH for Admin Desktop). At the bottom of the wizard, there are buttons for 'Cancel', 'Previous', 'Review and Launch', and 'Next: Configure Security Group'. The footer of the console shows the user's name 'vocstartsoft/user515177=profd...', the region 'N. Virginia', and the date '© 2008 - 2020, Amazon Web Services, Inc. or its affiliates. All rights reserved.'

Launch instance wizard | EC2 M...

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

aws Services Resource Groups

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 2020-06-26T16:24:06.965-03:00

Type	Protocol	Port Range	Source	Description
SSH	TCP	22	Anywhere	e.g. SSH for Admin Desktop
Custom TCP	TCP	80	Anywhere	e.g. SSH for Admin Desktop
Custom TCP	TCP	85	Anywhere	e.g. SSH for Admin Desktop
Custom TCP	TCP	8080	Anywhere	e.g. SSH for Admin Desktop

Add Rule

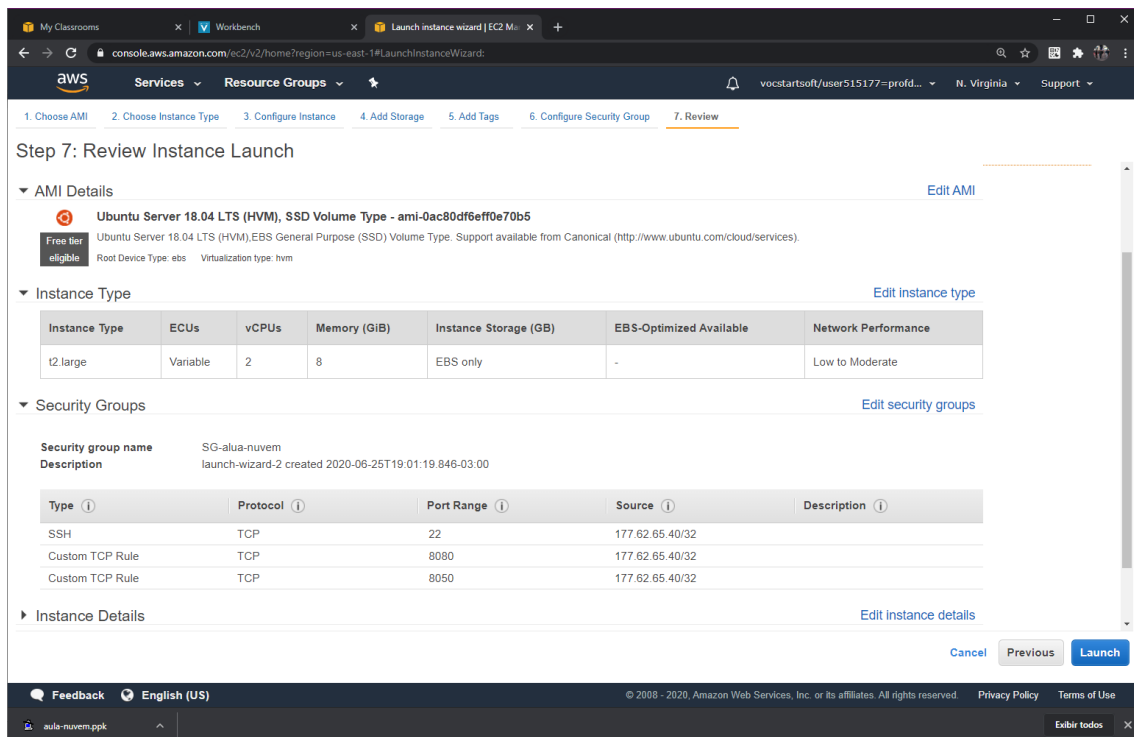
Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Cancel Previous Review and Launch

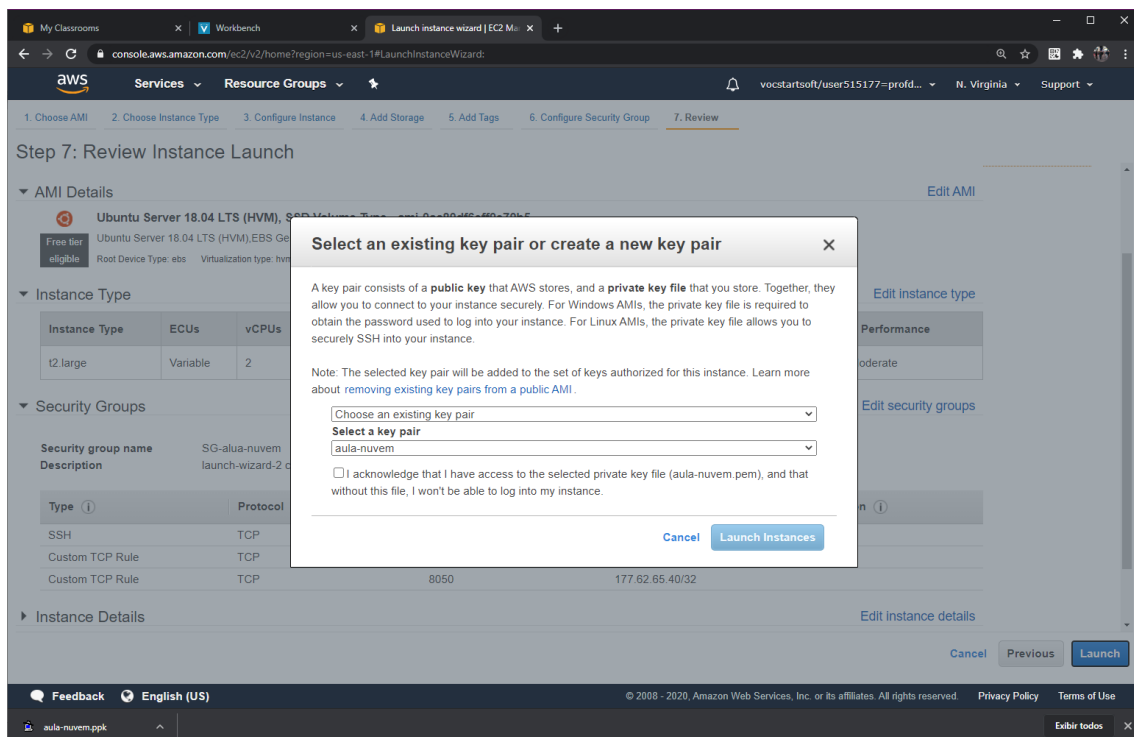
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lab-jenkins.ppk

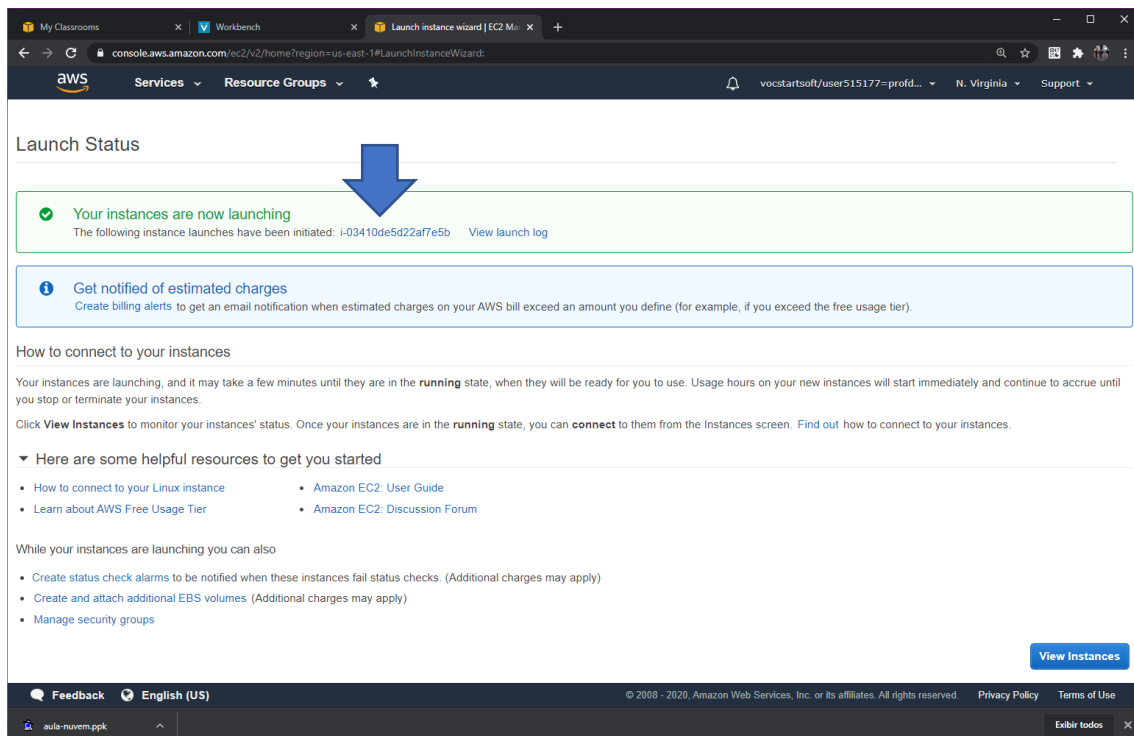
Review e Launch:



Launch e escolha a chave criada anteriormente:



Clique no id da instancia:



Launch Status

✓ Your instances are now launching
The following instance launches have been initiated: i-03410de5d22af7e5b [View launch log](#)

ℹ 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

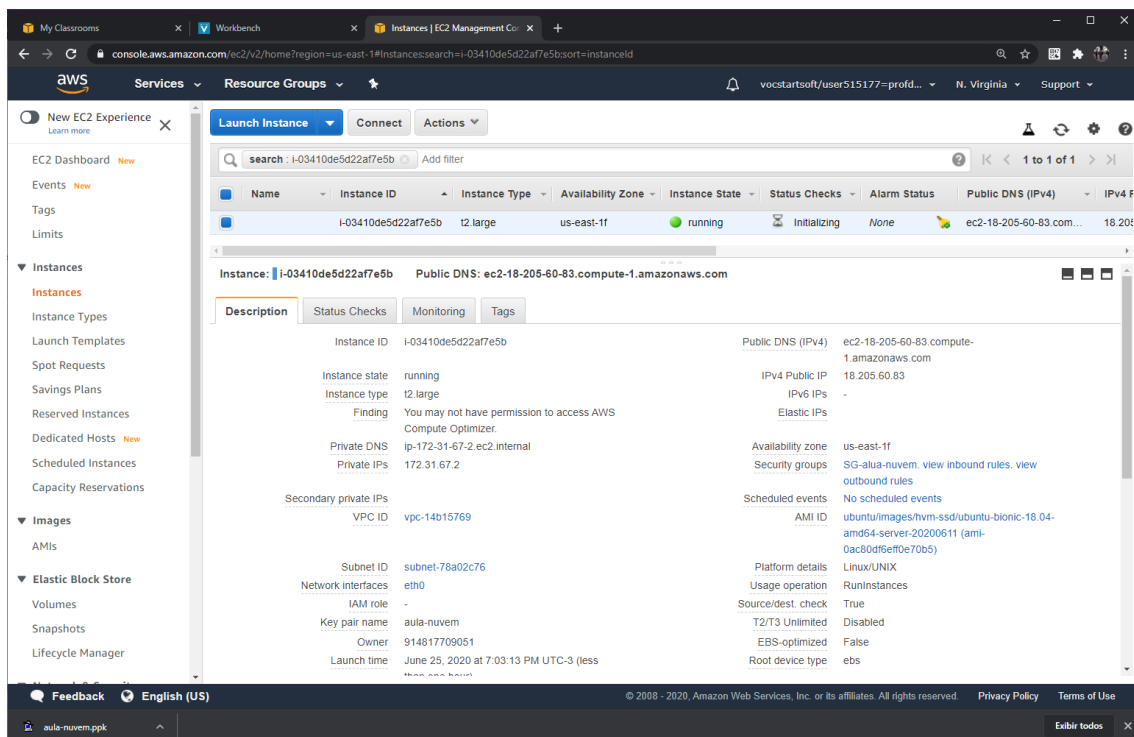
- How to connect to your Linux instance
- Amazon EC2: User Guide
- Learn about AWS Free Usage Tier
- Amazon EC2: Discussion Forum

While your instances are launching you can also

- Create status check alarms to be notified when these instances fail status checks. (Additional charges may apply)
- Create and attach additional EBS volumes (Additional charges may apply)
- Manage security groups

[View Instances](#)

Home das EC2:



Instances

Launch Instance Connect Actions

search: i-03410de5d22af7e5b Add filter

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 F
	i-03410de5d22af7e5b	t2.large	us-east-1f	running	Initializing	None	ec2-18-205-60-83.com...	18.205

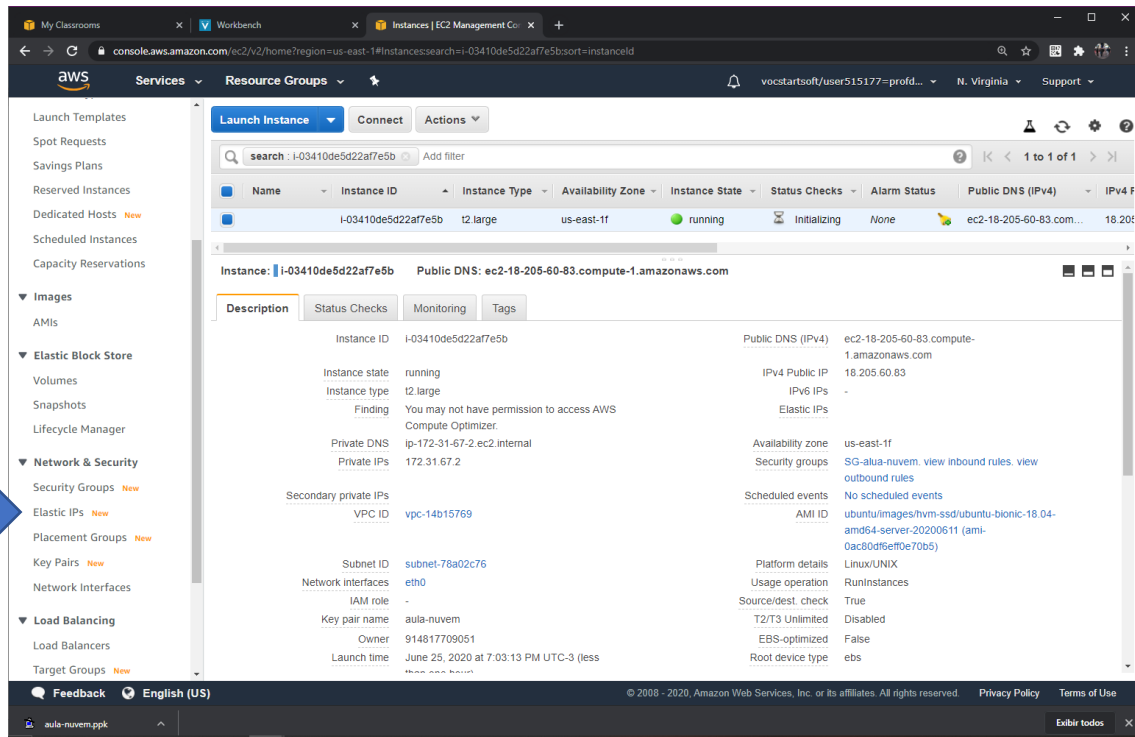
Instance: i-03410de5d22af7e5b Public DNS: ec2-18-205-60-83.compute-1.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID	i-03410de5d22af7e5b	Public DNS (IPv4)	ec2-18-205-60-83.compute-1.amazonaws.com
Instance state	running	IPv4 Public IP	18.205.60.83
Instance type	t2.large	IPv6 Public IP	-
Finding	You may not have permission to access AWS Compute Optimizer.	Elastic IPs	-
Private DNS	ip-172-31-67-2.ec2.internal	Availability zone	us-east-1f
Private IPs	172.31.67.2	Security groups	SG-aula-nuvem, view inbound rules, view outbound rules
Secondary private IPs	-	Scheduled events	No scheduled events
VPC ID	vpc-14b15769	AMI ID	ubuntu/images/hvm-ssd/ubuntu-bionic-18.04-amd64-server-20200611 (ami-0ac80dfe0e70b5)
Subnet ID	subnet-78a02c76	Platform details	Linux/UNIX
Network interfaces	eth0	Usage operation	RunInstances
IAM role	-	Source/dest. check	True
Key pair name	aula-nuvem	T2/T3 Unlimited	Disabled
Owner	914817709051	EBS-optimized	False
Launch time	June 25, 2020 at 7:03:13 PM UTC-3 (less)	Root device type	ebs

Criar IP Elastico

Elastic IP



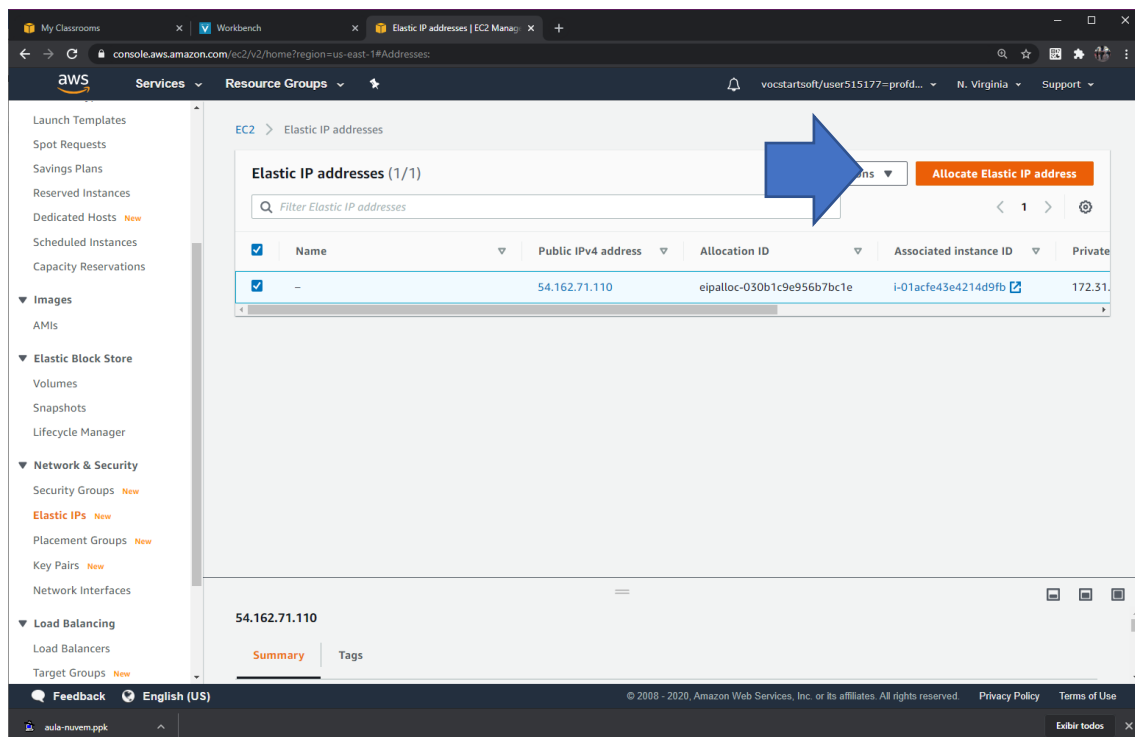
The screenshot shows the AWS Management Console with the 'Instances' page selected. The left-hand navigation menu is visible, and a blue arrow points to the 'Network & Security' section. The main content area displays the details for an EC2 instance with ID 'i-03410de5d22af7e5b'. The instance is in a 'running' state and is associated with the 't2.large' instance type. The public DNS is 'ec2-18-205-60-83.compute-1.amazonaws.com'. The private DNS is 'ip-172-31-67-2.ec2.internal'. The instance is located in the 'us-east-1' availability zone. The instance is associated with the 'vpc-14b15769' VPC and the 'subnet-78a02c76' subnet. The instance is associated with the 'eth0' network interface. The instance is associated with the 'iam-role' IAM role. The instance is associated with the 'key-pair-name' key pair. The instance is associated with the 'owner' owner. The instance is associated with the 'launch-time' launch time.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 F
	i-03410de5d22af7e5b	t2.large	us-east-1f	running	Initializing	None	ec2-18-205-60-83.com...	18.205

Instance: **i-03410de5d22af7e5b** Public DNS: **ec2-18-205-60-83.compute-1.amazonaws.com**

Description		Status Checks	Monitoring	Tags
Instance ID	i-03410de5d22af7e5b	Public DNS (IPv4)	ec2-18-205-60-83.compute-1.amazonaws.com	
Instance state	running	IPv4 Public IP	18.205.60.83	
Instance type	t2.large	IPv6 IPs	-	
Finding	You may not have permission to access AWS Compute Optimizer.	Elastic IPs		
Private DNS	ip-172-31-67-2.ec2.internal	Availability zone	us-east-1f	
Private IPs	172.31.67.2	Security groups	SG-allow-nuvm. view inbound rules, view outbound rules	
Secondary private IPs		Scheduled events	No scheduled events	
VPC ID	vpc-14b15769	AMI ID	ubuntu/images/hvm-ssd/ubuntu-bionic-18.04-amd64-server-20200611 (ami-0ac80dfeff0e70b5)	
Subnet ID	subnet-78a02c76	Platform details	Linux/UNIX	
Network interfaces	eth0	Usage operation	RunInstances	
IAM role	-	Source/dest. check	True	
Key pair name	aula-nuvm	T2/T3 Unlimited	Disabled	
Owner	914817709051	EBS-optimized	False	
Launch time	June 25, 2020 at 7:03:13 PM UTC-3 (less)	Root device type	ebs	

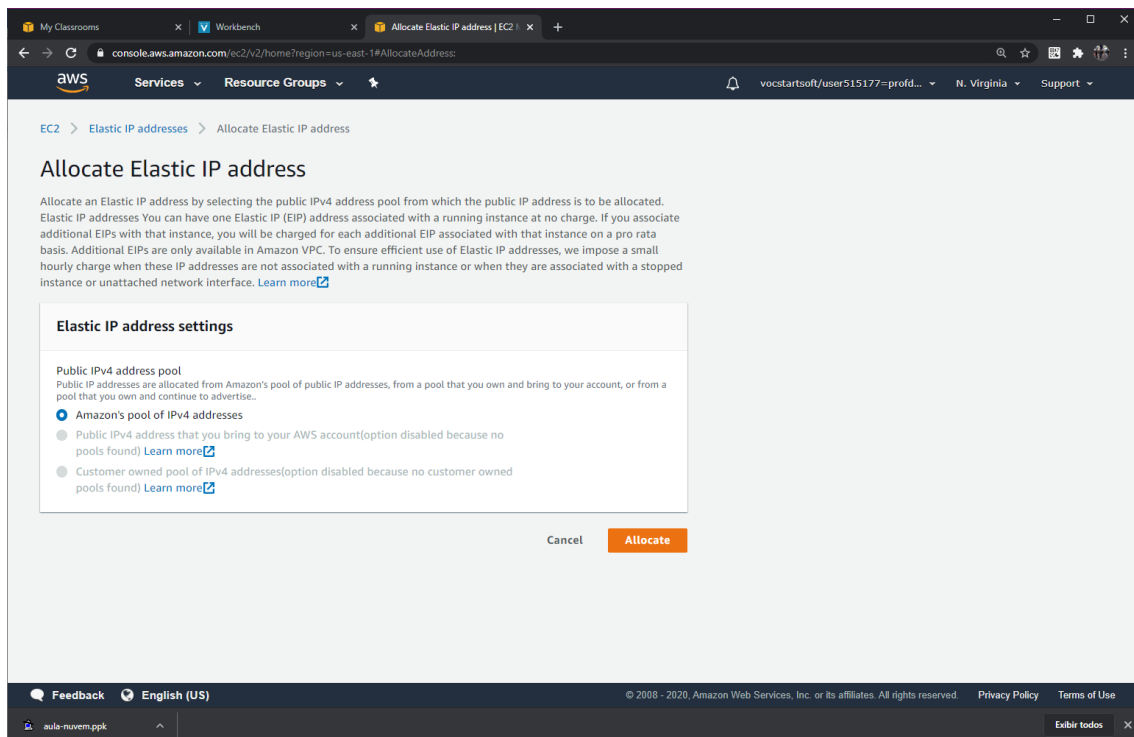
Allocate Elastic IP



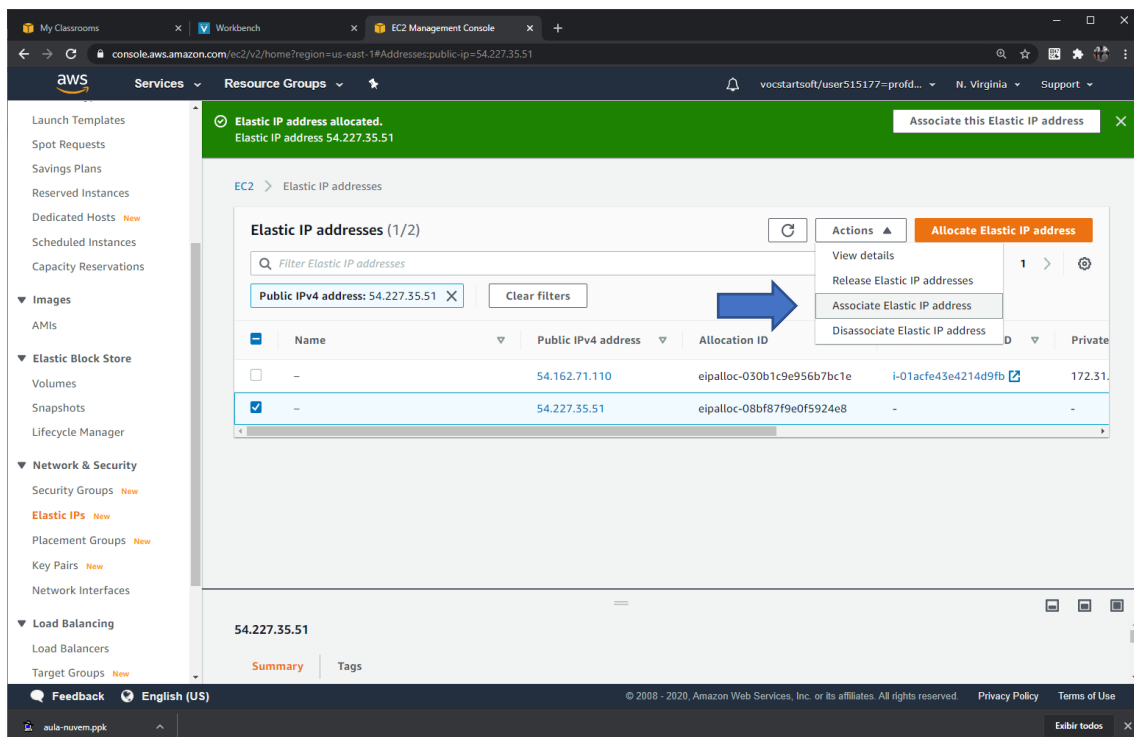
The screenshot shows the AWS Management Console with the 'Elastic IP addresses' page selected. The left-hand navigation menu is visible, and a blue arrow points to the 'Elastic IP addresses' section. The main content area displays the 'Elastic IP addresses (1/1)' page. The page shows a table with one Elastic IP address. The public IPv4 address is '54.162.71.110'. The allocation ID is 'eipalloc-030b1c9e956b7bc1e'. The associated instance ID is 'i-01acfe43e4214d9fb'. The private IP address is '172.31.172.31'. The page also shows a 'Summary' tab and a 'Tags' tab.

Name	Public IPv4 address	Allocation ID	Associated instance ID	Private
-	54.162.71.110	eipalloc-030b1c9e956b7bc1e	i-01acfe43e4214d9fb	172.31.172.31

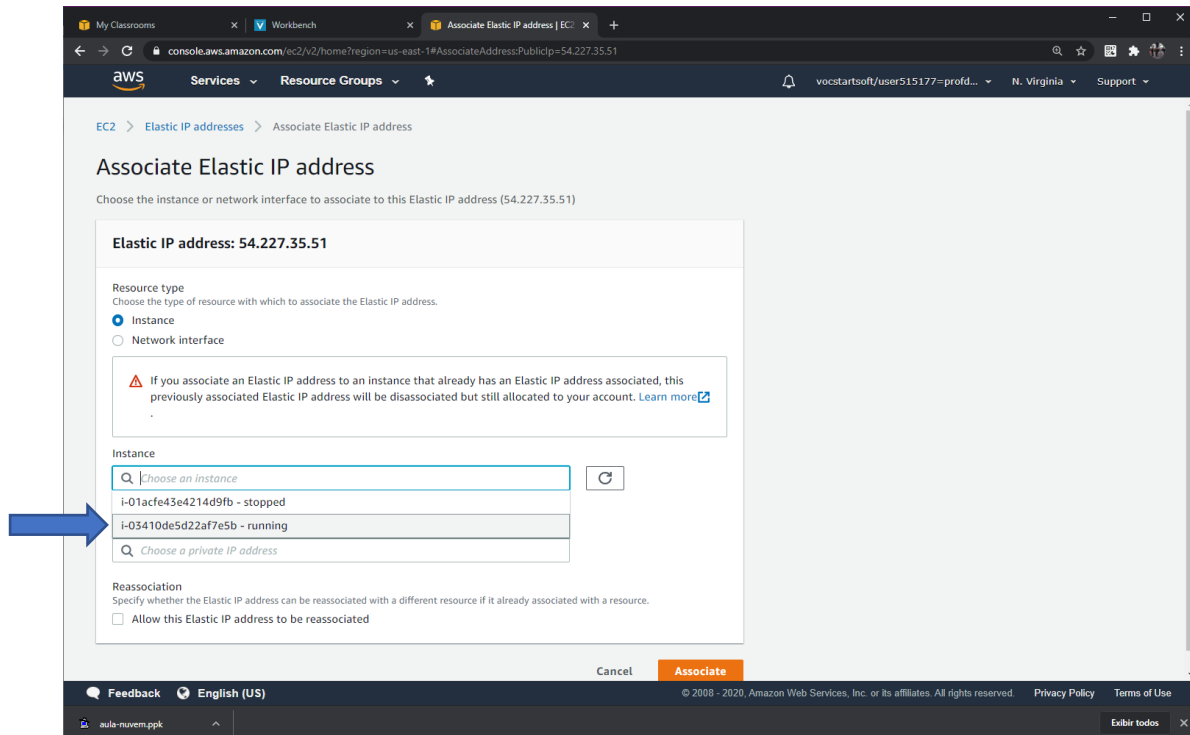
Allocate:



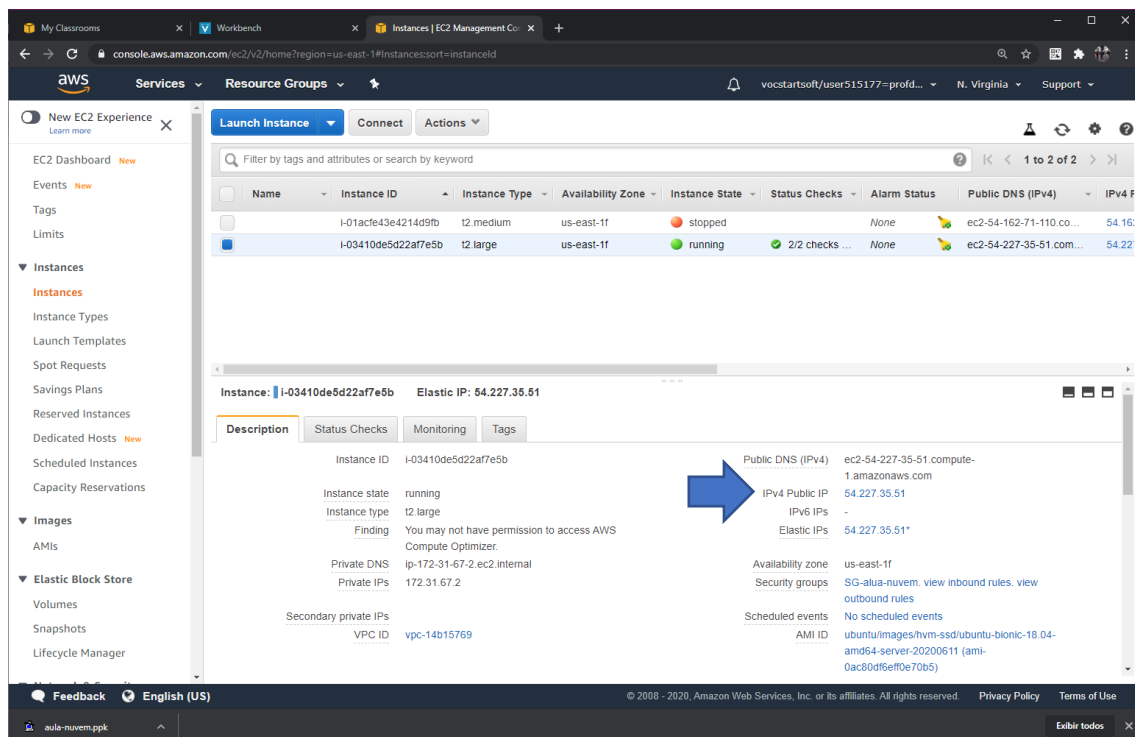
Associar com a instancia criada:



Escolher a instancia e clique em associate:

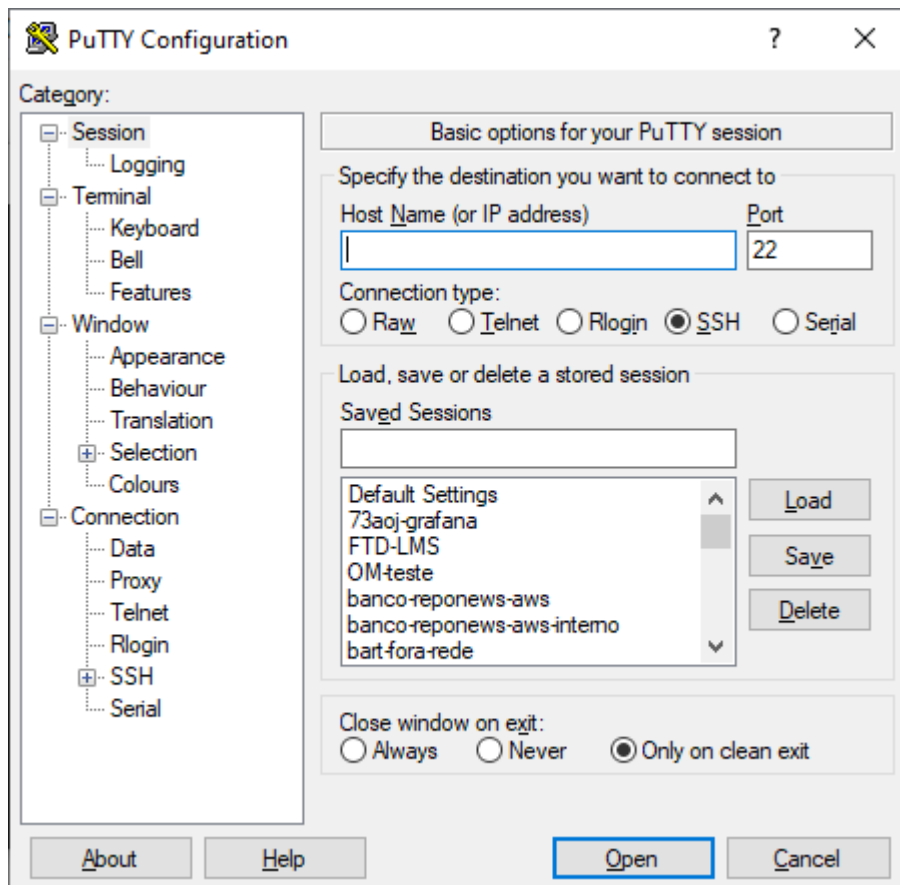


Na home do EC2 copie o IP alocado para a instancia:

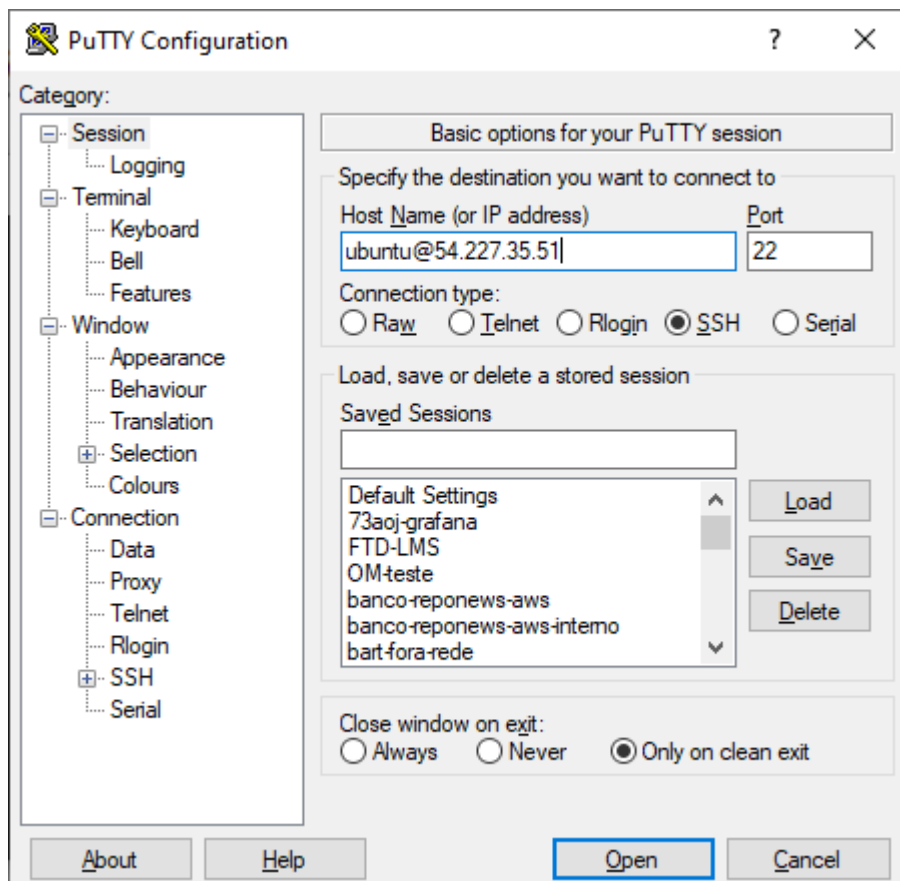


Conectar via Putty

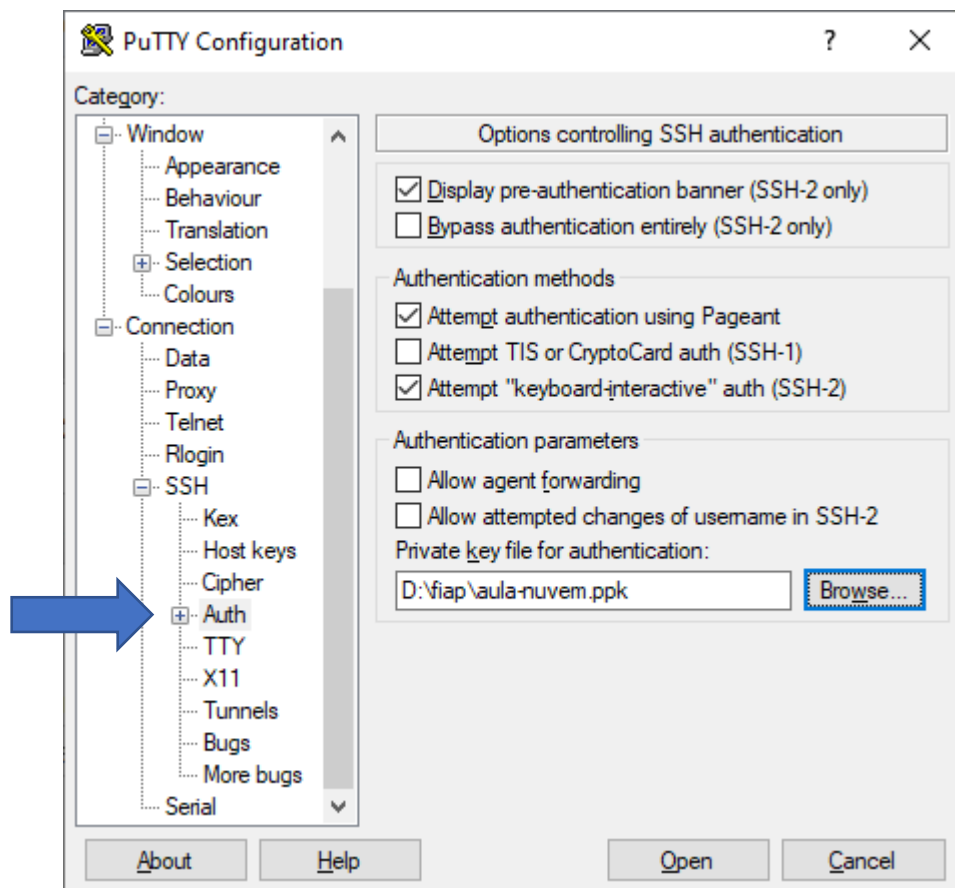
Abra o putty.exe



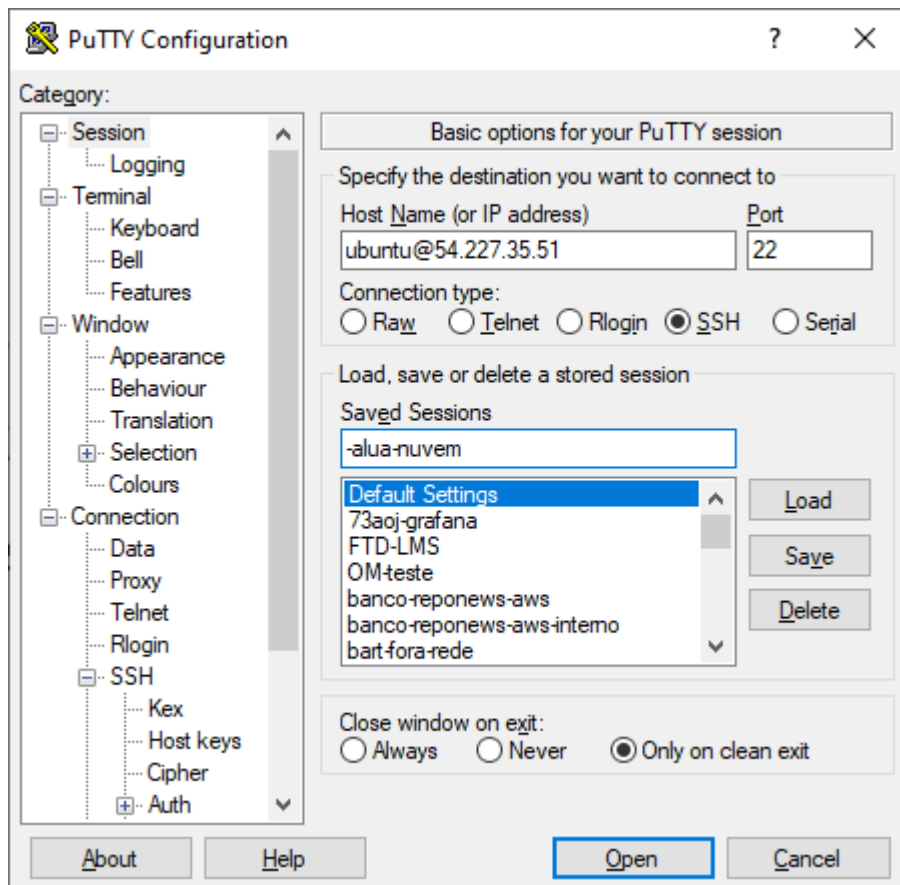
Configure o ip e usuário ubuntu



No menu AUTH escolha a chave criada em key pair:



Volte para o menu session e salve:

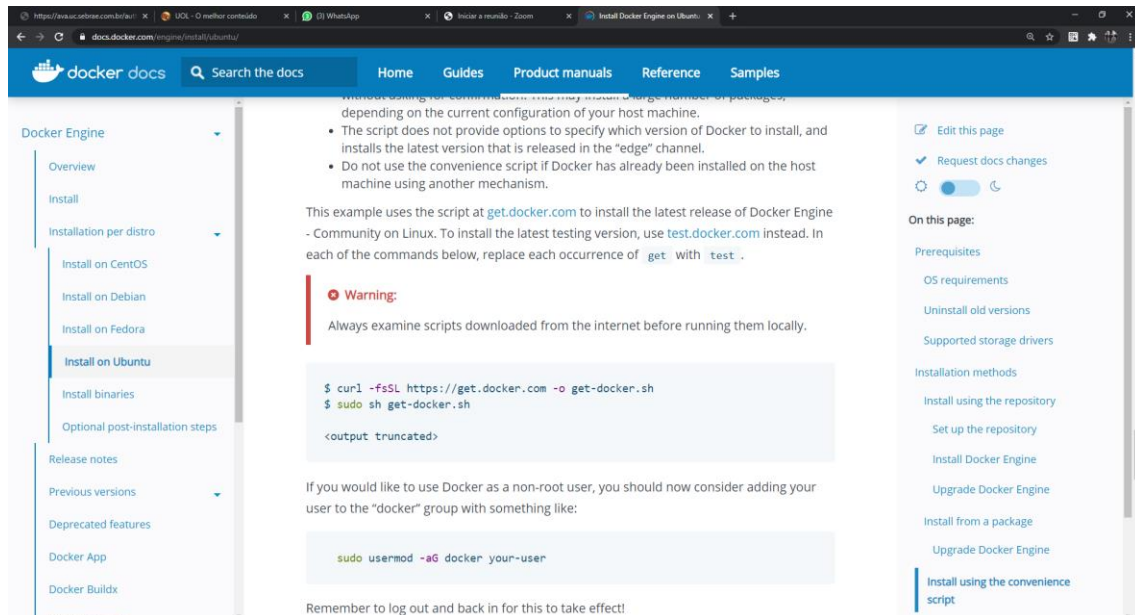


E clique em Open:

```
ubuntu@ip-172-31-67-2: ~  
  
System information as of Thu Jun 25 22:10:00 UTC 2020  
  
System load: 0.0          Processes:          99  
Usage of /:  3.7% of 29.02GB  Users logged in:  0  
Memory usage: 2%          IP address for eth0: 172.31.67.2  
Swap usage:  0%  
  
0 packages can be updated.  
0 updates are security updates.  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
ubuntu@ip-172-31-67-2:~$
```

Instalando Docker

Usando o script de conveniência:



Execute os comandos nessa ordem:

```
curl -fsSL https://get.docker.com -o get-docker.sh
sudo sh get-docker.sh
```

Adicione o usuário ubuntu no grupo Docker

```
sudo usermod -aG docker ubuntu
```

Restartar a sessão do putty.

Instalando Docker Compose

Executar os comandos no terminal:

```
sudo curl -L "https://github.com/docker/compose/releases/download/1.26.0/docker-
compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose
```

```
sudo chmod +x /usr/local/bin/docker-compose
```