

# AWS project : HJAYEJ Mohamed -IF5

## Application VPC :

DetailsInfo

VPC ID

vpc-039afaf448b98cf77

Tenancy

Default

Default VPC

No

Network Address Usage metrics

Disabled

State

Available

DHCP option set

dopt-0d0a0c2f954614360

IPv4 CIDR

10.0.0.0/16

Route 53 Resolver DNS Firewall rule groups

Failed to load rule groups

DNS hostnames

Disabled

Main route table

rtb-061d6b27dd8bbf2cf / main-app-vpc-RT

IPv6 pool

Owner ID

695501427162

DNS resolution

Enabled

Main network ACL

acl-04496af7e03923456

IPv6 CIDR (Network border group)

CIDRsFlow logsTags

CIDRsInfo

Address type	CIDR	Network Border Group	Pool	Status
IPv4	10.0.0.0/16			Associated

## Subnets :

Subnets (4)Info

Filter subnets

VPC: vpc-039afaf448b98cf77

Clear filters

Actions

Create subnet

	Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	private-subnet-1b	subnet-062c4ec0217896d81	Available	vpc-039afaf448b98cf77   app-...	10.0.4.0/23	
<input type="checkbox"/>	public- subnet- 1b	subnet-0ace1548cc2614608	Available	vpc-039afaf448b98cf77   app-...	10.0.1.0/24	
<input type="checkbox"/>	public- subnet- 1a	subnet-0bc9b04c5651edd30	Available	vpc-039afaf448b98cf77   app-...	10.0.0.0/24	
<input type="checkbox"/>	private-subnet-1a	subnet-0d0ab722d1a1bf55f	Available	vpc-039afaf448b98cf77   app-...	10.0.2.0/23	

## Public-subnet-1a :(AZ 1a) :

subnet-0bc9b04c5651edd30 / public- subnet- 1a

Actions

Details

Subnet ID

subnet-0bc9b04c5651edd30

Available IPv4 addresses

247

Network border group

us-east-1

Default subnet

No

Customer-owned IPv4 pool

IPv6-only

No

DNS64

Disabled

Subnet ARN

arn:aws:ec2:us-east-1:695501427162:subnet/subnet-0bc9b04c5651edd30

IPv6 CIDR

VPC

vpc-039afaf448b98cf77 | app-vpc

Auto-assign public IPv4 address

Yes

Outpost ID

Hostname type

IP name

Owner

695501427162

State

Available

Availability Zone

us-east-1a

Route table

rtb-061d6b27dd8bbf2cf | main-app-vpc-RT

Auto-assign IPv6 address

No

IPv4 CIDR reservations

Resource name DNS A record

Disabled

IPv4 CIDR

10.0.0.0/24

Availability Zone ID

use1-az6

Network ACL

acl-04496af7e03923456

Auto-assign customer-owned IPv4 address

No

IPv6 CIDR reservations

Resource name DNS AAAA record

Disabled

Public-subnet-1b :(AZ 1b) :

subnet-0ace1548cc2614608 / public- subnet- 1b

Actions

Details

Subnet ID

subnet-0ace1548cc2614608

Available IPv4 addresses

249

Network border group

us-east-1

Default subnet

No

Customer-owned IPv4 pool

-

IPv6-only

No

DNS64

Disabled

Subnet ARN

arn:aws:ec2:us-east-1:695501427162:subnet/subnet-0ace1548cc2614608

IPv6 CIDR

-

VPC

vpc-039afaf448b98cf77 | app-vpc

Auto-assign public IPv4 address

Yes

Outpost ID

-

Hostname type

IP name

Owner

695501427162

State

Available

Availability Zone

us-east-1b

Route table

rtb-061d6b27dd8bbf2cf | main-app-vpc-RT

Auto-assign IPv6 address

No

IPv4 CIDR reservations

-

Resource name DNS A record

Disabled

IPv4 CIDR

10.0.1.0/24

Availability Zone ID

use1-az1

Network ACL

acl-04496af7e03923456

Auto-assign customer-owned IPv4 address

No

IPv6 CIDR reservations

-

Resource name DNS AAAA record

Disabled

Private-subnet-1a :(AZ 1a) :

subnet-0d0ab722d1a1bf55f / private-subnet-1a

Actions

Details

Subnet ID

subnet-0d0ab722d1a1bf55f

Available IPv4 addresses

506

Network border group

us-east-1

Default subnet

No

Customer-owned IPv4 pool

-

IPv6-only

No

DNS64

Disabled

Subnet ARN

arn:aws:ec2:us-east-1:695501427162:subnet/subnet-0d0ab722d1a1bf55f

IPv6 CIDR

-

VPC

vpc-039afaf448b98cf77 | app-vpc

Auto-assign public IPv4 address

No

Outpost ID

-

Hostname type

IP name

Owner

695501427162

State

Available

Availability Zone

us-east-1a

Route table

rtb-06ad8b02757c9e727 | private-1a-RT

Auto-assign IPv6 address

No

IPv4 CIDR reservations

-

Resource name DNS A record

Disabled

IPv4 CIDR

10.0.2.0/23

Availability Zone ID

use1-az6

Network ACL

acl-04496af7e03923456

Auto-assign customer-owned IPv4 address

No

IPv6 CIDR reservations

-

Resource name DNS AAAA record

Disabled

Private-subnet-1b :(AZ 1b) :

subnet-062c4ec0217896d81 / private-subnet-1b

Actions

Details

Subnet ID

subnet-062c4ec0217896d81

Available IPv4 addresses

506

Network border group

us-east-1

Default subnet

No

Customer-owned IPv4 pool

-

IPv6-only

No

DNS64

Disabled

Subnet ARN

arn:aws:ec2:us-east-1:695501427162:subnet/subnet-062c4ec0217896d81

IPv6 CIDR

-

VPC

vpc-039afaf448b98cf77 | app-vpc

Auto-assign public IPv4 address

No

Outpost ID

-

Hostname type

IP name

Owner

695501427162

State

Available

Availability Zone

us-east-1b

Route table

rtb-06e9065743a33ebad | private-1b-RT

Auto-assign IPv6 address

No

IPv4 CIDR reservations

-

Resource name DNS A record

Disabled

IPv4 CIDR

10.0.4.0/23

Availability Zone ID

use1-az1

Network ACL

acl-04496af7e03923456

Auto-assign customer-owned IPv4 address

No

IPv6 CIDR reservations

-

Resource name DNS AAAA record

Disabled

Route Tables :

Route tables (3) Info

Filter route tables

VPC: vpc-039afaf448b98cf77 X

Clear filters

Actions

Create route table

< 1 >

<input type="checkbox"/>	Name ▾	Route table ID ▾	Explicit subnet associations	Main ▾	VPC ▾
<input type="checkbox"/>	private-1a-RT	rtb-06ad8b02757c9e727	subnet-0d0ab722d1a1bf55f / private-subnet-1a	No	vpc-039afaf448b98cf77   app-vpc
<input type="checkbox"/>	private-1b-RT	rtb-06e9065743a33ebad	subnet-062c4ec0217896d81 / private-subnet-1b	No	vpc-039afaf448b98cf77   app-vpc
<input type="checkbox"/>	main-app-vpc-RT	rtb-061d6b27dd8bbf2cf	2 subnets	Yes	vpc-039afaf448b98cf77   app-vpc

Main application route table :

rtb-061d6b27dd8bbf2cf / main-app-vpc-RT

Actions ▾

Details Info

Route table ID

rtb-061d6b27dd8bbf2cf

VPC

vpc-039afaf448b98cf77 | app-vpc

Main

Yes

Owner ID

695501427162

Explicit subnet associations

2 subnets

Edge associations

-

Routes

Subnet associations

Edge associations

Route propagation

Tags

Routes (2)

Filter routes

Both ▾

< 1 >

Edit routes

Destination ▾	Target ▾	Status ▾	Propagated ▾
0.0.0.0/0	igw-0de7d641144ce42ce	Active	No
10.0.0.0/16	local	Active	No

Private-1a-RT :

rtb-06ad8b02757c9e727 / private-1a-RT

Actions ▾

Details Info

Route table ID

rtb-06ad8b02757c9e727

VPC

vpc-039afaf448b98cf77 | app-vpc

Main

No

Owner ID

695501427162

Explicit subnet associations

subnet-0d0ab722d1a1bf55f / private-subnet-1a

Edge associations

-

Routes

Subnet associations

Edge associations

Route propagation

Tags

Routes (2)

Filter routes

Both ▾

< 1 >

Edit routes

Destination ▾	Target ▾	Status ▾	Propagated ▾
0.0.0.0/0	nat-0b45ffc8cf91cfb37	Active	No
10.0.0.0/16	local	Active	No

Private-1b-RT :

rtb-06e9065743a33ebad / private-1b-RT

Actions

Details

Info

Route table ID

rtb-06e9065743a33ebad

VPC

vpc-039afaf448b98cf77 | app-vpc

Main

No

Owner ID

695501427162

Explicit subnet associations

subnet-062c4ec0217896d81 / private-subnet-1b

Edge associations

-

Routes

Subnet associations

Edge associations

Route propagation

Tags

Routes (2)

Edit routes

Filter routes

Both

< 1 >

Destination	Target	Status	Propagated
0.0.0.0/0	nat-0dcc22b6ac881ebd4	Active	No
10.0.0.0/16	local	Active	No

NAT gateways :

rtb-061d6b27dd8bbf2cf / main-app-vpc-RT

Actions

Details

Info

Route table ID

rtb-061d6b27dd8bbf2cf

VPC

vpc-039afaf448b98cf77 | app-vpc

Main

Yes

Owner ID

695501427162

Explicit subnet associations

2 subnets

Edge associations

-

Routes

Subnet associations

Edge associations

Route propagation

Tags

Routes (2)

Edit routes

Filter routes

Both

< 1 >

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0de7d641144ce42ce	Active	No
10.0.0.0/16	local	Active	No

## Security groups :

Private ec2 :nginx-django-server-1a-security-group :

**sg-02ce51a8b06c35327 - django-server-1a-sg** Actions ▾

**Details**

Security group name 🔗 django-server-1a-sg	Security group ID 🔗 sg-02ce51a8b06c35327	Description 🔗 django-server-1a-sg	VPC ID 🔗 vpc-039afaf448b98cf77
Owner 🔗 695501427162	Inbound rules count 2 Permission entries	Outbound rules count 1 Permission entry	

**Inbound rules** | Outbound rules | Tags

**Inbound rules (1/2)** 🔄 Manage tags Edit inbound rules

🔍 Filter security group rules < 1 > ⚙️

<input type="checkbox"/>	Name ▾	Security group rule... ▾	Type ▾	Protocol ▾	Port range ▾	Description ▾
<input type="checkbox"/>	HTTP/lb-sg	sgr-02a78c7a34f01816e	HTTP	TCP	80	for load balancer group
<input checked="" type="checkbox"/>	SSH/bastion-sg	sgr-0673fee2c79c7d218	SSH	TCP	22	for bastion security group

Private ec2 :nginx-django-server-1b-security-group :

**sg-06ced49f1e6a35c62 - django-server-1b-sg** Actions ▾

**Details**

Security group name 🔗 django-server-1b-sg	Security group ID 🔗 sg-06ced49f1e6a35c62	Description 🔗 django-server-1b-sg	VPC ID 🔗 vpc-039afaf448b98cf77
Owner 🔗 695501427162	Inbound rules count 2 Permission entries	Outbound rules count 1 Permission entry	

**Inbound rules** | Outbound rules | Tags

**Inbound rules (2)** 🔄 Manage tags Edit inbound rules

🔍 Filter security group rules < 1 > ⚙️

<input type="checkbox"/>	Name ▾	Security group rule... ▾	Type ▾	Protocol ▾	Port range ▾	Description ▾
<input type="checkbox"/>	SSH/bastion-sg	sgr-0de8c9e07c2994128	HTTP	TCP	80	load balancer security group
<input type="checkbox"/>	HTTP/lb-sg	sgr-0bbb4343655244...	SSH	TCP	22	with bastion security group

Database RDS Mysql securiry group:

**sg-0643c893d454eac85 - mysql-django-sg** Actions ▾

**Details**

Security group name 🔗 mysql-django-sg	Security group ID 🔗 sg-0643c893d454eac85	Description 🔗 Created by RDS management console	VPC ID 🔗 vpc-039afaf448b98cf77
Owner 🔗 695501427162	Inbound rules count 3 Permission entries	Outbound rules count 1 Permission entry	

**Inbound rules** | Outbound rules | Tags

**Inbound rules (3)** 🔄 Manage tags Edit inbound rules

🔍 Filter security group rules < 1 > ⚙️

<input type="checkbox"/>	Name ▾	Security group rule... ▾	Type ▾	Protocol ▾	Port range ▾	Description ▾
<input type="checkbox"/>	-	sgr-0f76d2b385df8fd5b	MYSQL/Au...	TCP	3306	with django-server-1a-sg
<input type="checkbox"/>	-	sgr-0095ebc3fbc3ae673	MYSQL/Au...	TCP	3306	-
<input type="checkbox"/>	-	sgr-0aa91d15f8597ed9b	MYSQL/Au...	TCP	3306	with django-server-1b-sg



Load balancer security group:

sg-0e2672d00772f59dd - lb-sg

Actions

Details

Security group name

lb-sg

Security group ID

sg-0e2672d00772f59dd

Description

load-balancer security group

VPC ID

vpc-039afaf448b98cf77

Owner

695501427162

Inbound rules count

1 Permission entry

Outbound rules count

1 Permission entry

Inbound rules

Outbound rules

Tags

Inbound rules (1/1)

Manage tags

Edit inbound rules

Filter security group rules

< 1 >

	Name	Security group rule...	Type	Protocol	Port range	Description
<input checked="" type="checkbox"/>	-	sgr-0196d4ba861bf0d...	HTTP	TCP	80	with All Traffic

Bastion security group :

sg-06f47e220dfdbd30b - bastion-sg

Actions

Details

Security group name

bastion-sg

Security group ID

sg-06f47e220dfdbd30b

Description

bastion-sg

VPC ID

vpc-039afaf448b98cf77

Owner

695501427162

Inbound rules count

1 Permission entry

Outbound rules count

1 Permission entry

Inbound rules

Outbound rules

Tags

Inbound rules (1/1)

Manage tags

Edit inbound rules

Filter security group rules

< 1 >

	Name	Security group rule...	Type	Protocol	Port range	Description
<input checked="" type="checkbox"/>	-	sgr-0ad3a6ee5db5fb370	SSH	TCP	22	with My IP(my pc ip)

Application load:

EC2 > Load balancers > app-lb

app-lb

↻

Actions ▾

▼ Details

arn:aws:elasticloadbalancing:us-east-1:695501427162:loadbalancer/app/app-lb/0d0d13e4266ed396

Load balancer type Application	DNS name app-lb-1745599880.us-east-1.elb.amazonaws.com (A Record)	Status Active	VPC vpc-039afaf448b98cf77
IP address type IPv4	Scheme Internet-facing	Availability Zones subnet-0ace1548cc2614608 us-east-1b (use1-az1) subnet-0bc9b04c5651edd30 us-east-1a (use1-az6)	Hosted Zone Z35SXDOTRQ7X7K
Created At December 31, 2022, 17:29 (UTC+01:00)			

Application load balancer target group:

Details

arn:aws:elasticloadbalancing:us-east-1:695501427162:targetgroup/lb-target-group/ce2003fb6e90629e

Target type Instance	Protocol : Port HTTP: 80	Protocol version HTTP1	VPC vpc-039afaf448b98cf77
IP address type IPv4	Load balancer app-lb		

Total targets	Healthy	Unhealthy	Unused	Initial	Draining
2	2	0	0	0	0

Targets

Monitoring

Health checks

Attributes

Tags

Registered targets (2)

↻

Deregister

Register targets

🔍 Filter resources by property or value

< 1 > ⚙

<input type="checkbox"/>	Instance ID ▾	Name ▾	Port ▾	Zone ▾	Health status ▾	Health status details
<input type="checkbox"/>	i-032e2aeace37b7896		80	us-east-1b	healthy	
<input type="checkbox"/>	i-0f77fcc3df9be868e		80	us-east-1a	healthy	

## Auto scale infos:

EC2 > Auto Scaling groups > auto-scale-django-nginx-servers

### auto-scale-django-nginx-servers

[Details](#) | [Activity](#) | [Automatic scaling](#) | [Instance management](#) | [Monitoring](#) | [Instance refresh](#)

#### Group details

Edit

Desired capacity 2	Auto Scaling group name auto-scale-django-nginx-servers
Minimum capacity 2	Date created Sat Dec 31 2022 17:43:19 GMT+0100 (Central European Standard Time)
Maximum capacity 4	Amazon Resource Name (ARN) arn:aws:autoscaling:us-east-1:695501427162:autoScalingGroup:1f0087a8-9255-4c41-8899-e216a0814ae4:autoScalingGroupName/auto-scale-django-nginx-servers

#### Launch template

Edit

Launch template <a href="#">django-nginx-template</a> lt-0ba621dd75306a2ac	AMI ID ami-00aa1b8af696a92a6	Instance type t1.micro
Version Default	Security groups -	Security group IDs sg-02ce51a8b06c35327 sg-06ced49f1e6a35c62
Description django-nginx-template	Key pair name mykeys	Storage (volumes)
Request Spot Instances No	Create time Sat Dec 31 2022 17:40:18 GMT+0100 (Central European Standard Time)	Created by arn:aws:sts::695501427162:assumed-role/voclabs/user2181856=mohamed.hjaij@etudiant-fst.utm.tn
<a href="#">View details in the launch template console</a>		

#### Network

Edit

Availability Zones us-east-1a, us-east-1b	Subnet ID subnet-062c4ec0217896d81, subnet-0d0ab722d1a1bf55f
--	---



Load balancing			Edit
Load balancer target groups <a href="#">lb-target-group</a>	Classic Load Balancers	-	

Health checks			Edit
Health check type EC2 & ELB	Health check grace period 300		

Activity history (2)				
<input type="text" value="Filter activity history"/>				< 1 >
Status	Description	Cause	Start time	
Successful	Launching a new EC2 instance: i-0f77fcc3df9be868e	At 2022-12-31T16:43:19Z a user request created an AutoScalingGroup changing the desired capacity from 0 to 2. At 2022-12-31T16:43:20Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 0 to 2.	2022 December 31, 05:43:23 PM +01:00	
Successful	Launching a new EC2 instance: i-032e2aeace37b7896	At 2022-12-31T16:43:19Z a user request created an AutoScalingGroup changing the desired capacity from 0 to 2. At 2022-12-31T16:43:20Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 0 to 2.	2022 December 31, 05:43:22 PM +01:00	

EC2 > Auto Scaling groups > auto-scale-django-nginx-servers

## auto-scale-django-nginx-servers

Details | Activity | Automatic scaling | **Instance management** | Monitoring | Instance refresh

Instances (2)											Actions
<input type="text" value="Filter instances"/>										< 1 >	
<input type="checkbox"/>	Instance ID	Lifecycle	Instanc...	Weight...	Launch ...	Availab...	Health ...	Protect...			
<input type="checkbox"/>	<a href="#">i-032e2aeace37b7896</a>	InService	t1.micro	-	<a href="#">django-nginx-te</a>	us-east-1b	Healthy				
<input type="checkbox"/>	<a href="#">i-0f77fcc3df9be868e</a>	InService	t1.micro	-	<a href="#">django-nginx-te</a>	us-east-1a	Healthy				

## Ec2-django-nginx template:

Details

Versions

Template tags

Launch template version details

Actions

Delete template version

Version

1 (Default)

Description

django-nginx-template

Date created

2022-12-31T16:40:18.000Z

Created by

arn:aws:sts::695501427162:assumed-role/voclabs/user2181856=mohamed.hjaij@etudiant-fst.utm.tn

Instance details

Storage

Resource tags

Network interfaces

Advanced details

AMI ID

ami-00aa1b8af696a92a6

Instance type

t1.micro

Availability Zone

-

Key pair name

mykeys

Security groups

-

Security group IDs

sg-02ce51a8b06c35327, sg-06ced49f1e6a35c62

## Ec2 django-nginx- amazon machine image:

Amazon Machine Images (AMIs) (1/1)

Info

Recycle Bin

EC2 Image Builder

Actions

Launch instance from AMI

Owned by me

Find AMI by attribute or tag

<input checked="" type="checkbox"/>	Name	AMI ID	AMI name	Source	Owner	Visi...	Status
<input checked="" type="checkbox"/>	djago-nginx-server-ami	ami-00aa1b8af696a92a6	djago-nginx-server	695501427162/djago-nginx-server	695501427162	Private	Available

## Mysql RDS DB:

Connectivity & security

Monitoring

Logs & events

Configuration

Maintenance & backups

Tags

Connectivity & security

Endpoint & port

Endpoint

mysql-django-db.cna8razndr1v.us-east-1.rds.amazonaws.com

Port

3306

Networking

Availability Zone

us-east-1a

VPC

app-vpc (vpc-039afaf448b98cf77)

Subnet group

mysql-django-db-subnet-group

Subnets

subnet-0d0ab722d1a1bf55f  
subnet-0bc9b04c5651edd30  
subnet-0ace1548cc2614608  
subnet-062c4ec0217896d81

Network type

IPv4

Security

VPC security groups

mysql-django-sg (sg-0643c893d454eac85)

Active

Publicly accessible

No

Certificate authority

rds-ca-2019

Certificate authority date

August 22, 2024, 19:08 (UTC+02:00)

## RDS Mysql subnet groups :

RDS

Subnet groups

Subnet groups (1)

Create DB subnet group

Filter by subnet group

<input type="checkbox"/>	Name	Description	Status	VPC
<input type="checkbox"/>	mysql-django-db-subnet-group	mysql-django-db-subnet-group	Complete	vpc-039afaf448b98cf77

Instances:

Instances (3) Info

Find instance by attribute or tag (case-sensitive)

Instance state = running X Clear filters

Refresh

Connect

Instance state

Actions

Launch instances

< 1 > Settings

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance t...	Status check	Availability Zone	Security group name	Lau
<input type="checkbox"/>	bastion	i-0b251b28310b01feb	Running	t2.micro	2/2 checks passed	us-east-1a	bastion-sg	202
<input type="checkbox"/>	django-nginx-server	i-0de80d3bdf293c944	Running	t1.micro	Initializing	us-east-1a	django-server-1b-sg,dja...	202
<input type="checkbox"/>	django-nginx-server	i-09135d0c39dd67a6d	Running	t1.micro	2/2 checks passed	us-east-1b	django-server-1b-sg,dja...	202

Bastion instance:

EC2 > Instances > i-0b251b28310b01feb

Instance summary for i-0b251b28310b01feb (bastion) Info

Refresh

Connect

Instance state

Actions

Updated less than a minute ago

Instance ID

i-0b251b28310b01feb (bastion)

IPv6 address

-

Hostname type

IP name: ip-10-0-0-128.ec2.internal

Answer private resource DNS name

IPv4 (A)

Auto-assigned IP address

3.80.255.69 [Public IP]

IAM Role

-

Public IPv4 address

3.80.255.69 | open address

Instance state

Running

Private IP DNS name (IPv4 only)

ip-10-0-0-128.ec2.internal

Instance type

t2.micro

VPC ID

vpc-039afaf448b98cf77 (app-vpc)

Subnet ID

subnet-0bc9b04c5651edd30 (public- subnet- 1a)

Private IPv4 addresses

10.0.0.128

Public IPv4 DNS

-

Elastic IP addresses

-

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendation s. | Learn more

Auto Scaling Group name

-

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

Private Ec2 django-nginx instance:

EC2 > Instances > i-0de80d3bdf293c944

Instance summary for i-0de80d3bdf293c944 (django-nginx-server) Info

Refresh

Connect

Instance state

Actions

Updated less than a minute ago

Instance ID

i-0de80d3bdf293c944 (django-nginx-server)

IPv6 address

-

Hostname type

IP name: ip-10-0-3-233.ec2.internal

Answer private resource DNS name

-

Auto-assigned IP address

-

IAM Role

-

Public IPv4 address

-

Instance state

Running

Private IP DNS name (IPv4 only)

ip-10-0-3-233.ec2.internal

Instance type

t1.micro

VPC ID

vpc-039afaf448b98cf77 (app-vpc)

Subnet ID

subnet-0d0ab722d1a1bf55f (private-subnet-1a)

Private IPv4 addresses

10.0.3.233

Public IPv4 DNS

-

Elastic IP addresses

-

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendation s. | Learn more

Auto Scaling Group name

auto-scale-django-nginx-servers

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

## Connection ssh: (bastion-ec2 private-ec2 RDS)

```
ubuntu@ip-10-0-3-233: ~
PS C:\Users\mohamed> ssh -A ec2-user@3.80.255.69
Last login: Sat Dec 31 18:23:49 2022 from 197.29.139.161

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  _ | ( _ - /
  _ | \ _ | _ |
                Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-10-0-0-128 ~]$
[ec2-user@ip-10-0-0-128 ~]$
[ec2-user@ip-10-0-0-128 ~]$ ssh ubuntu@10.0.3.233
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1026-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Sat Dec 31 18:24:00 UTC 2022

System load:  0.0205078125      Processes:            102
Usage of /:   35.1% of 7.57GB   Users logged in:      0
Memory usage: 50%              IPv4 address for eth0: 10.0.3.233
Swap usage:   0%

21 updates can be applied immediately.
10 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Last login: Sat Dec 31 18:24:00 2022 from 10.0.0.128
ubuntu@ip-10-0-3-233:~$
ubuntu@ip-10-0-3-233:~$ mysql -h mysql-django-db.cna8razndr1v.us-east-1.rds.amazonaws.com -u admin -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 124
Server version: 8.0.28 Source distribution

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mydb |
| mysql |
| performance_schema |
+-----+
```



## Application Configuration and test connectivity:

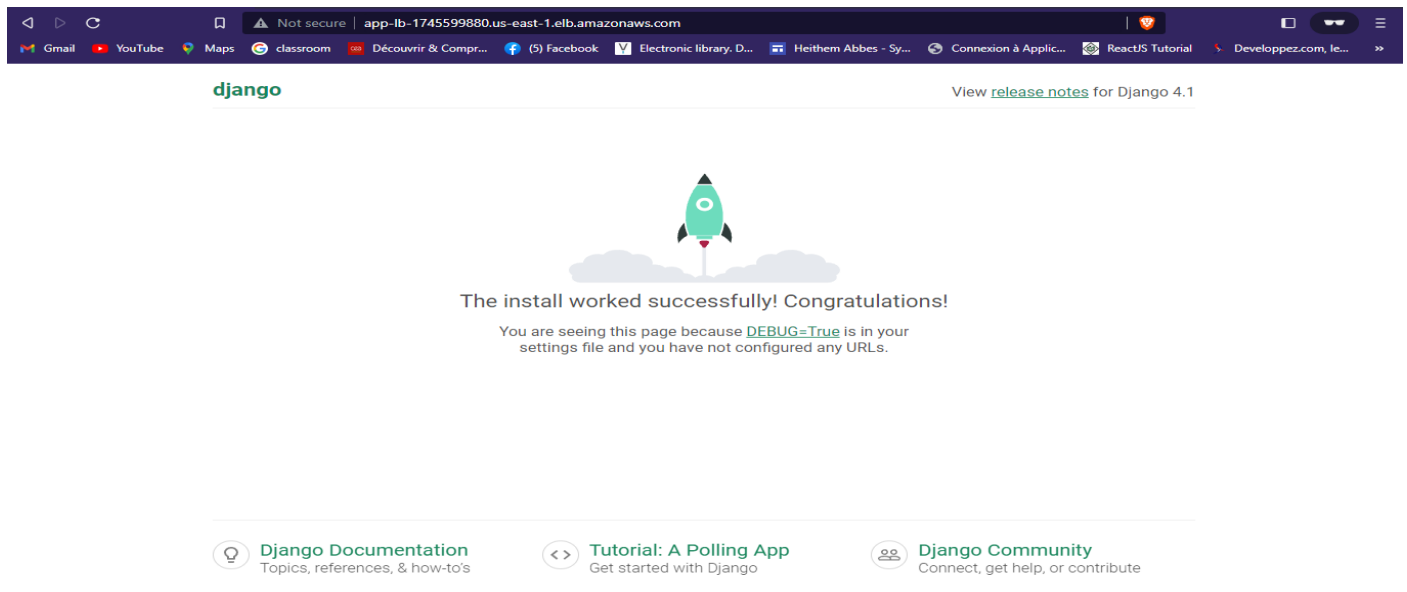
```
ubuntu@ip-10-0-3-233: ~  
ubuntu@ip-10-0-3-233:~$ ls  
aws  
ubuntu@ip-10-0-3-233:~$ ls aws  
aws blog echosystem.config.json manage.py requirements.txt  
ubuntu@ip-10-0-3-233:~$ ls aws/aws  
__init__.py __pycache__ asgi.py middle.py settings.py urls.py wsgi.py  
ubuntu@ip-10-0-3-233:~$  
ubuntu@ip-10-0-3-233:~$ pm2 list
```

id	name	mode	Ⓜ	status	cpu	memory
0	django_with_pm2	fork	0	online	0%	36.8mb

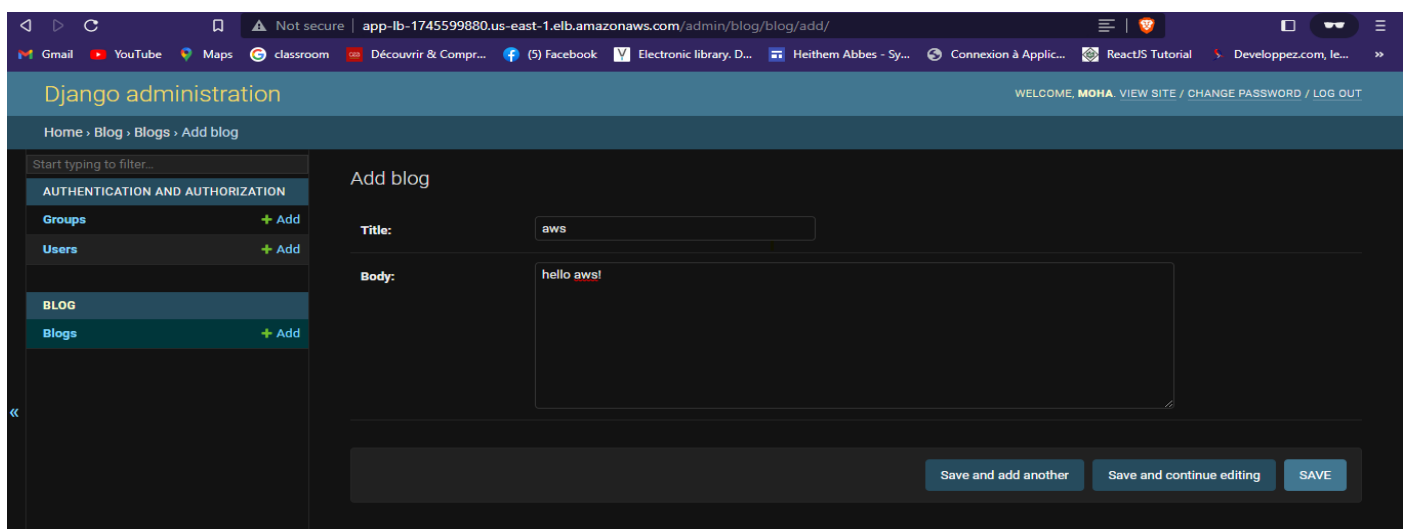
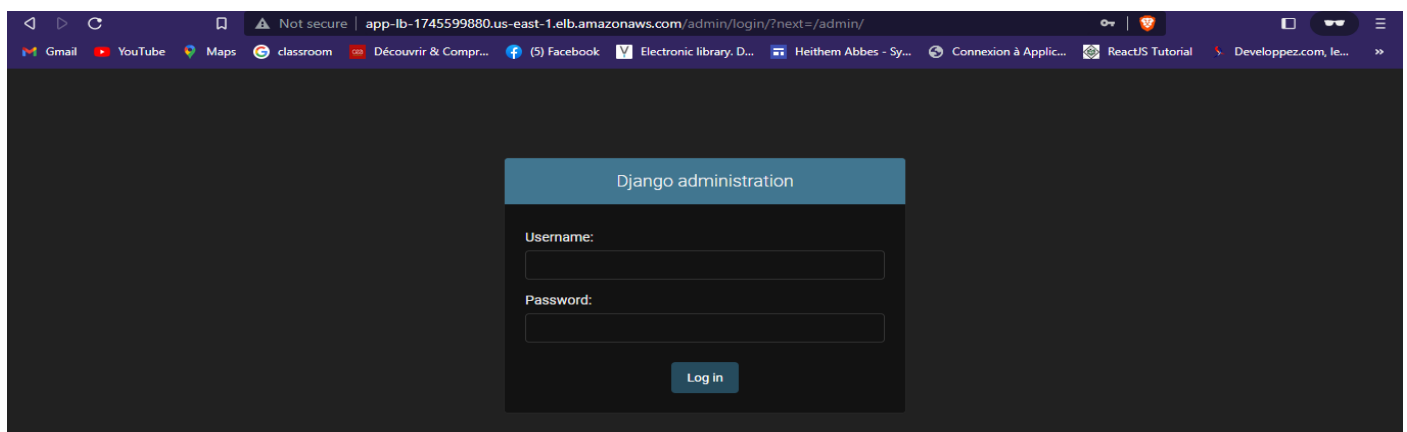
```
ubuntu@ip-10-0-3-233:~$ ping www.google.com  
PING www.google.com (172.253.122.104) 56(84) bytes of data.  
64 bytes from bh-in-f104.1e100.net (172.253.122.104): icmp_seq=1 ttl=49 time=2.70 ms  
64 bytes from bh-in-f104.1e100.net (172.253.122.104): icmp_seq=2 ttl=49 time=2.13 ms  
64 bytes from bh-in-f104.1e100.net (172.253.122.104): icmp_seq=3 ttl=49 time=2.14 ms  
64 bytes from bh-in-f104.1e100.net (172.253.122.104): icmp_seq=4 ttl=49 time=2.16 ms  
64 bytes from bh-in-f104.1e100.net (172.253.122.104): icmp_seq=5 ttl=49 time=2.12 ms  
^C  
--- www.google.com ping statistics ---  
5 packets transmitted, 5 received, 0% packet loss, time 4007ms  
rtt min/avg/max/mdev = 2.124/2.251/2.703/0.226 ms  
ubuntu@ip-10-0-3-233:~$  
ubuntu@ip-10-0-3-233:~$ cat /etc/nginx/sites-available/django-server.conf  
server {  
    listen 80;  
    listen [::]:80;  
  
    location / {  
        proxy_pass http://0.0.0.0:8000;  
    }  
}  
ubuntu@ip-10-0-3-233:~$ curl 0.0.0.0:80  
<!doctype html>  
  
<html lang="en-us" dir="ltr">  
  <head>  
    <meta charset="utf-8">  
    <title>The install worked successfully! Congratulations!</title>  
    <meta name="viewport" content="width=device-width, initial-scale=1">  
    <link rel="stylesheet" href="/static/admin/css/fonts.css">  
    <style>  
      html {
```

Application :

url : <http://app-lb-1745599880.us-east-1.elb.amazonaws.com/>



url: <http://app-lb-1745599880.us-east-1.elb.amazonaws.com/admin>



Merci..