

TP AWS : Architecture & WEB Server integration

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Introduction

TP Architecture & WEB Server integration

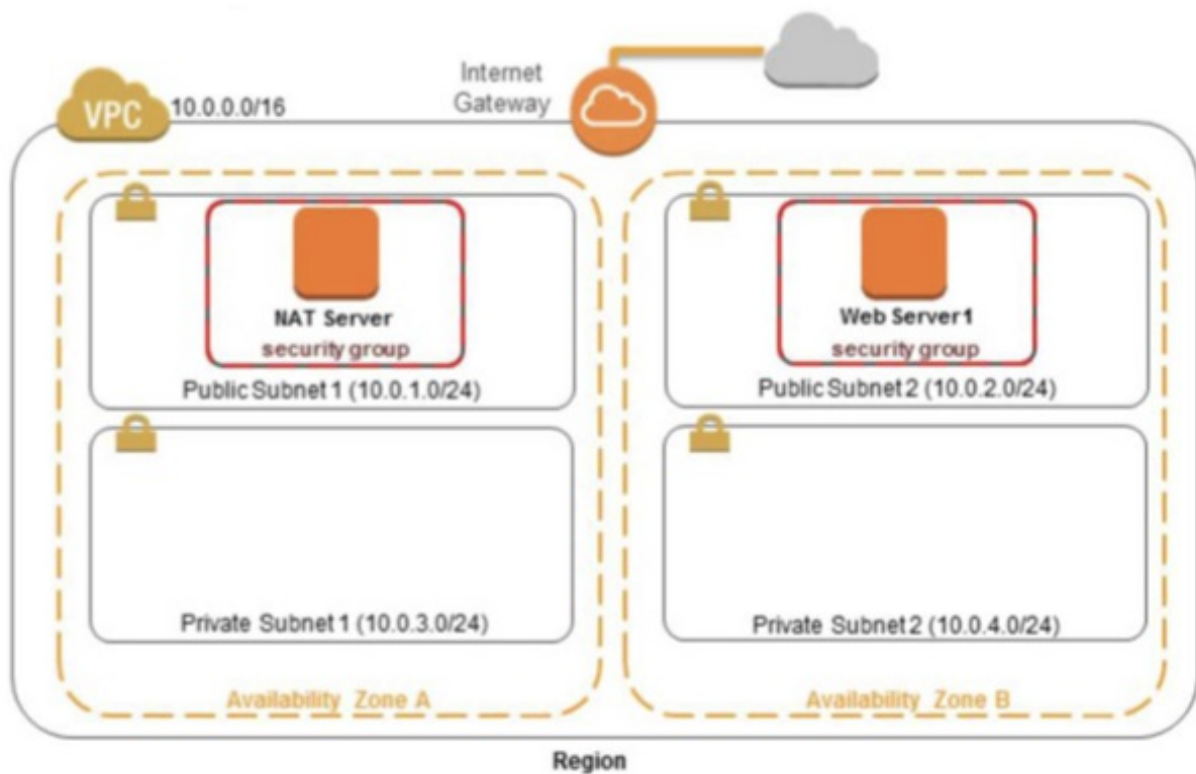
Part 1 : Lab Connection

Region : Ireland

Group : Lab_Student_3

Part 2 : Lab Connection

Architecture



2.1 : Create a VPC

name : my_vpc_ab

Your VPCs (1/2) [Info](#)

Filter VPCs

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP option set	Main route table	Mal
-	vpc-0ea2922a1db48a68f	Available	172.31.0.0/16	-	dopt-008d36c95c345e...	rtb-07d57814fba0a98be	acl-
my-vpc-ab	vpc-034166ba475b10b49	Available	10.0.0.0/16	-	dopt-008d36c95c345e...	rtb-034dee3b0775f0db3	acl-

vpc-034166ba475b10b49 / my-vpc-ab

[Details](#) | [CIDRs](#) | [Flow logs](#) | [Tags](#)

Details

VPC ID vpc-034166ba475b10b49	State Available	DNS hostnames Enabled	DNS resolution Enabled
Tenancy Default	DHCP option set dopt-008d36c95c345ea66	Main route table rtb-034dee3b0775f0db3	Main network ACL acl-0b06127c117b2b686
Default VPC No	IPv4 CIDR 10.0.0.0/16	IPv6 pool -	IPv6 CIDR -
Network Address Usage metrics Disabled	Route 53 Resolver DNS Firewall rule groups Failed to load rule groups	Owner ID 671283574725	

2.2 : Create a Gateway

name : my_igw_ab

Internet gateways (1/2) [Info](#)

Filter internet gateways

Name	Internet gateway ID	State	VPC ID	Owner
-	igw-065dcfe8a82d4b52e	Attached	vpc-0ea2922a1db48a68f	671283574725
my-internet-gatew...	igw-081ba406c1d415a5c	Attached	vpc-034166ba475b10b49 my-vpc-ab	671283574725

igw-081ba406c1d415a5c / my-internet-gateway-ab

[Details](#) | [Tags](#)

Details

Internet gateway ID igw-081ba406c1d415a5c	State Attached	VPC ID vpc-034166ba475b10b49 my-vpc-ab	Owner 671283574725
--	-------------------	---	-----------------------

2.3 : Create a Subnet

names :

- my_private_subnet_ab-01
- my_private_subnet_ab-02
- my_public_subnet_ab-01
- my_public_subnet_ab-02

<input type="checkbox"/>	my-private-subnet-ab-01	subnet-0be3c5d8685a00868	Available	vpc-034166ba475b10b49 m...	10.0.3.0/24
<input type="checkbox"/>	my-private-subnet-ab-02	subnet-09ddf4c6e7b3d701c	Available	vpc-034166ba475b10b49 m...	10.0.4.0/24
<input type="checkbox"/>	my-public-subnet-ab-01	subnet-048eaaefee0b9cb73	Available	vpc-034166ba475b10b49 m...	10.0.1.0/24
<input type="checkbox"/>	my-public-subnet-ab-02	subnet-0517b937c5679a0c4	Available	vpc-034166ba475b10b49 m...	10.0.2.0/24

2.4 : Create a Route Table

names :

- my_route_table_private_subnet_ab-01
- my_route_table_private_subnet_ab-02
- my_route_table_public_subnet_ab-01

- my_route_table_public_subnet_ab-02

Route tables (5) <small>Info</small>							
<input type="text" value="Filter route tables"/>							
<input type="checkbox"/>	Name	Route table ID	Explicit subnet associations	Edge a...	Main	VPC	Own...
<input type="checkbox"/>	-	rtb-034dee3b0775f0db3	-	-	Yes	vpc-034166ba475b10b49 my-vpc-ab	671283...
<input type="checkbox"/>	-	rtb-07d57814fba0a98be	-	-	Yes	vpc-0ea2922a1db48a68f	671283...
<input type="checkbox"/>	my-route-table-private-subnet-ab-01	rtb-0130db1e6e7d1b946	subnet-0be3c5d8685a00868 / my-private-subnet-ab-01	-	No	vpc-034166ba475b10b49 my-vpc-ab	671283...
<input type="checkbox"/>	my-route-table-private-subnet-ab-02	rtb-0aa785a9fa4892586	subnet-09ddf4c6e7b3d701c / my-private-subnet-ab-02	-	No	vpc-034166ba475b10b49 my-vpc-ab	671283...
<input type="checkbox"/>	my-route-table-public-subnet-ab-01	rtb-004ffd2f9d1970d28	subnet-048eaeefe0b9cb73 / my-public-subnet-ab-01	-	No	vpc-034166ba475b10b49 my-vpc-ab	671283...
<input type="checkbox"/>	my-route-table-public-subnet-ab-02	rtb-0810e1e157ed072a9	subnet-0517b937c5679a0c4 / my-public-subnet-ab-02	-	No	vpc-034166ba475b10b49 my-vpc-ab	671283...

2.5 : Create ACL

- my_private_acl_ab

Network ACLs (1/4) Info

Q Filter network ACLs

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<input type="checkbox"/>	Name	Network ACL ID	Associated with	Default	VPC ID	Inbound rules count	Outbo
<input type="checkbox"/>	my-public-acl-ab	acl-0b491972184a54f03	2 Subnets	No	vpc-034166ba475b10b49 / my-vpc-ab	1 Inbound rule	1 Outb
<input checked="" type="checkbox"/>	my-private-acl-ab	acl-0f3528161cdc86296	2 Subnets	No	vpc-034166ba475b10b49 / my-vpc-ab	1 Inbound rule	1 Outb
<input type="checkbox"/>	-	acl-04ff542952c67d653	3 Subnets	Yes	vpc-0ea2922a1db48a68f	2 Inbound rules	2 Outb
<input type="checkbox"/>	-	acl-0b06127c117b2b686	-	Yes	vpc-034166ba475b10b49 / my-vpc-ab	2 Inbound rules	2 Outb

⌵⌵⌵

acl-0f3528161cdc86296 / my-private-acl-ab

Details

Inbound rules

Outbound rules

Subnet associations

Tags

Subnet associations (2)

Q Filter subnet associations

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Name	Subnet ID	Associated with	Availability Zone	IPv4 CIDR	IPv6 CIDR
my-private-subnet-ab-01	subnet-0be3c5d8685a00868	acl-0f3528161cdc86296 / my-private-acl-ab	eu-west-1a	10.0.3.0/24	-
my-private-subnet-ab-02	subnet-09ddf4c6e7b3d701c	acl-0f3528161cdc86296 / my-private-acl-ab	eu-west-1b	10.0.4.0/24	-

- my_public_acl_ab

Network ACLs (1/4) Info

Filter network ACLs

<div><div></div></div>	Name	Network ACL ID	Associated with	Default	VPC ID	Inbound rules count	Outbound rules count
<input type="checkbox"/>	my-public-acl-ab	acl-0b491972184a54f03	2 Subnets	No	vpc-034166ba475b10b49 / my-vpc-ab	2 Inbound rules	2 Outbound rules
<input checked="" type="checkbox"/>	my-private-acl-ab	acl-0f3528161cdc86296	2 Subnets	No	vpc-034166ba475b10b49 / my-vpc-ab	2 Inbound rules	2 Outbound rules
<input type="checkbox"/>	-	acl-04ff542952c67d653	3 Subnets	Yes	vpc-0ea2922a1db48a68f	2 Inbound rules	2 Outbound rules
<input type="checkbox"/>	-	acl-0b06127c117b2b6...	-	Yes	vpc-034166ba475b10b49 / my-vpc-ab	2 Inbound rules	2 Outbound rules

acl-0f3528161cdc86296 / my-private-acl-ab

Details

Inbound rules

Outbound rules

Subnet associations

Tags

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Outbound rules (2)

Edit outbound rules

Filter outbound rules

Rule number	Type	Protocol	Port range	Destination	Allow/Deny
100	All traffic	All	All	0.0.0.0/0	<div><div></div>Allow</div>
*	All traffic	All	All	0.0.0.0/0	<div><div></div>Deny</div>

2.6 : Create a Security Group

names :

- my_private_security_group_ab
- my_public_security_group_ab

Security Groups (1/5) [Info](#)

Filter security groups

Name	Security group ID	Security group name	VPC ID	Description	Owner	Inbound rules count	Outbound rules count
-	sg-027c329a3304ee08	default	vpc-034166ba475b10b49	default VPC security group	671283574725	1 Permission entry	1 Permission entry
-	sg-0de8e0d558ec811ad	default	vpc-0ea2922a1db48a68f	default VPC security group	671283574725	1 Permission entry	1 Permission entry
my-NAT-security-group-ab	sg-040492461bbfec665	my-NAT-security-group-ab	vpc-034166ba475b10b49	Security group for instance	671283574725	4 Permission entries	1 Permission entry
my-private-security-group-ab	sg-0b7b3da46622b9a3b	my-private-security-group-ab	vpc-034166ba475b10b49	Security group for instance	671283574725	2 Permission entries	1 Permission entry
my-public-security-group-ab	sg-00026fb63de911d44	my-public-security-group-ab	vpc-034166ba475b10b49	Security group for instance	671283574725	4 Permission entries	1 Permission entry

sg-00026fb63de911d44 - my-public-security-group-ab

Details | **Inbound rules** | Outbound rules | Tags

You can now check network connectivity with Reachability Analyzer [Run Reachability Analyzer](#)

Inbound rules (4)

Filter security group rules

Name	Security group rule...	IP version	Type	Protocol	Port range	Source	Description
-	sgr-0174c170fdd5b5347	IPv4	All ICMP - IPv4	ICMP	All	0.0.0.0/0	-
-	sgr-097fb44bc2b096c10	IPv4	HTTP	TCP	80	0.0.0.0/0	-
-	sgr-0762a4b9162cd9fc0	IPv4	SSH	TCP	22	0.0.0.0/0	-

2.7 : Create a AMI

name : serveur-web-instance-ab

Instances (1/1) [Info](#)

Find instance by attribute or tag (case-sensitive)

Instance state = running Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP
serveur-web-l...	i-0407ec188b30a9076	Running	t2.micro	Initializing	No alarms	eu-west-1b	ec2-3-253-44-183.eu-w...	3.253.44.183	-

Instance: i-0407ec188b30a9076 (serveur-web-instance-ab)

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

Instance summary [Info](#)

Instance ID
i-0407ec188b30a9076 (serveur-web-instance-ab)

IPv6 address
-

Hostname type
IP name: ip-10-0-2-86.eu-west-1.compute.internal

Answer private resource DNS name
IPv4 (A)

Auto-assigned IP address
3.253.44.183 [Public IP]

IAM Role
-

Public IPv4 address
3.253.44.183 | [open address](#)

Instance state
Running

Private IP DNS name (IPv4 only)
ip-10-0-2-86.eu-west-1.compute.internal

Instance type
t2.micro

VPC ID
vpc-034166ba475b10b49 (my-vpc-ab)

Subnet ID
subnet-0517b937c5679a0c4 (my-public-subnet-ab-02)

Private IPv4 addresses
10.0.2.86

Public IPv4 DNS
ec2-3-253-44-183.eu-west-1.compute.amazonaws.com | [open address](#)

Elastic IP addresses
-

AWS Compute Optimizer finding
User: arn:aws:iam:671283574725:user/Lab_Student_03 is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: * because no identity-based policy allows the compute-optimizer:GetEnrollmentStatus action
[Retry](#)

Auto Scaling Group name
-

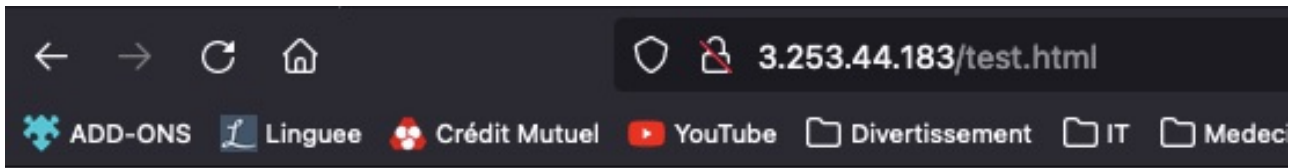
ssh connection to the AMI :

```
M2/Semestre_9/Virtual_Network
$ ssh -i "AMI2-instance_ab.pem" ec2-user@ec2-3-253-44-183.eu-west-1.compute.amazonaws.com
Last login: Tue Jan 31 10:32:04 2023 from 150.166.65.37.rev.sfr.net

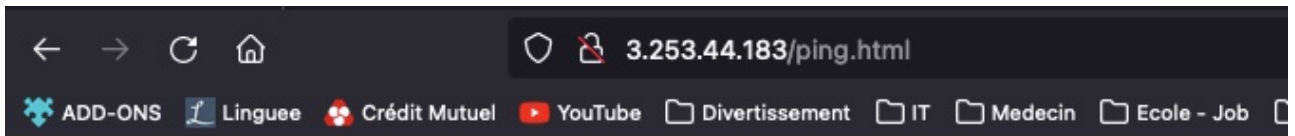
 _ _ _ _ _
| | | | |
|_|_|_|_|_| Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
31 package(s) needed for security, out of 54 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-10-0-2-86 ~]$
```

Pages result (test.html & ping.html) :



Cette page est une page toute simple du serveur



Si vous lisez cette ligne le test est réussi !!!

2.8 : Create a NAT Group

Security Groups (1/5) [info](#)

[Refresh](#) [Actions](#) [Export security groups to CSV](#) [Create security group](#)

Name	Security group ID	Security group name	VPC ID	Description	Owner	Inbound rules count	Outbound rules co...
-	sg-027c329a33404ee08	default	vpc-034166ba475b10b49	default VPC security gr...	671283574725	1 Permission entry	1 Permission entry
-	sg-0de8e0d558ec811ad	default	vpc-0ea2922a1db48a68f	default VPC security gr...	671283574725	1 Permission entry	1 Permission entry
my-NAT-security-gr...	sg-040492461bbfec665	my-NAT-security-grou...	vpc-034166ba475b10b49	Security group for inst...	671283574725	4 Permission entries	1 Permission entry
my-private-security...	sg-0b7b3da46622b9a3b	my-private-security-gr...	vpc-034166ba475b10b49	Security group for inst...	671283574725	2 Permission entries	1 Permission entry

sg-040492461bbfec665 - my-NAT-security-group-ab

[Details](#) [Inbound rules](#) [Outbound rules](#) [Tags](#)

[You can now check network connectivity with Reachability Analyzer](#) [Run Reachability Analyzer](#)

Details

Security group name my-NAT-security-group-ab	Security group ID sg-040492461bbfec665	Description Security group for instances of private subnets	VPC ID vpc-034166ba475b10b49
Owner 671283574725	Inbound rules count 4 Permission entries	Outbound rules count 1 Permission entry	

2.9 : Create a NAT Instance

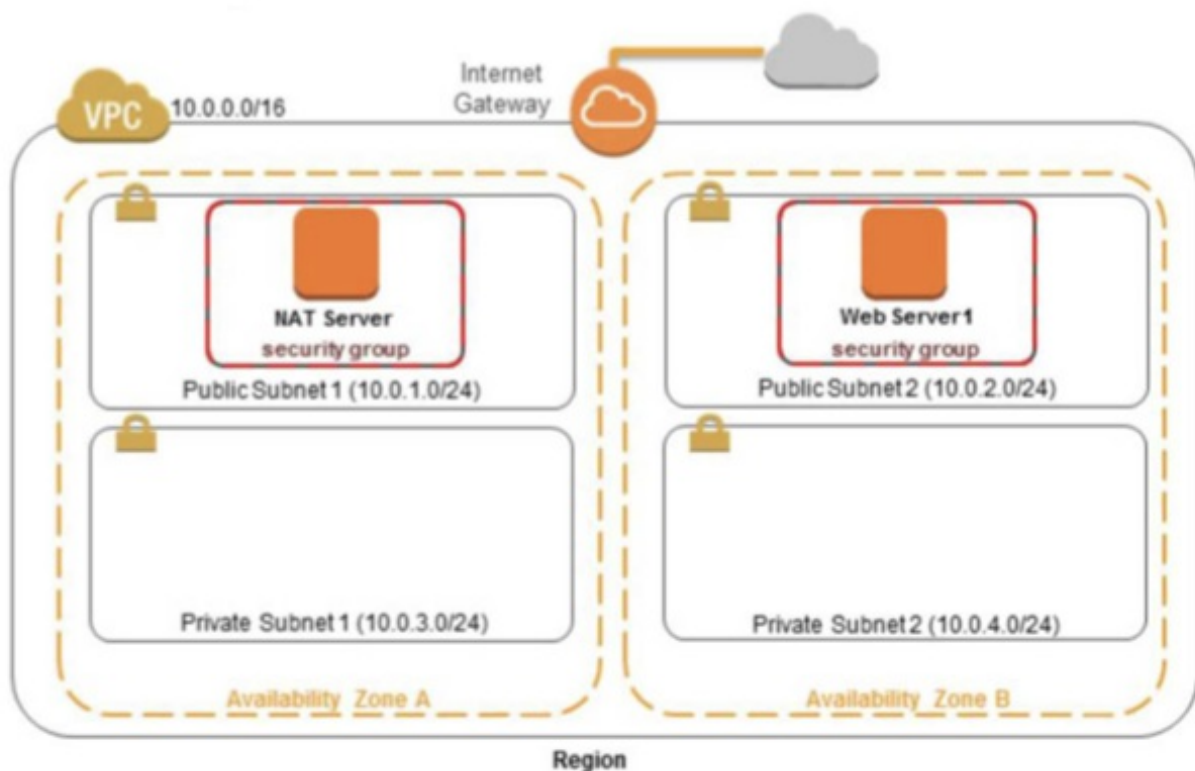
A bastion is a server that is accessible from the internet and that is used to access a private network. It is a security best practice to use a bastion to access a private network.

Ping result :

```
[ec2-user@ip-10-0-2-86 ~]$ ping 10.0.1.156
PING 10.0.1.156 (10.0.1.156) 56(84) bytes of data.
64 bytes from 10.0.1.156: icmp_seq=1 ttl=255 time=0.674 ms
64 bytes from 10.0.1.156: icmp_seq=2 ttl=255 time=0.697 ms
64 bytes from 10.0.1.156: icmp_seq=3 ttl=255 time=0.744 ms
64 bytes from 10.0.1.156: icmp_seq=4 ttl=255 time=0.709 ms
^C
--- 10.0.1.156 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3064ms
rtt min/avg/max/mdev = 0.674/0.706/0.744/0.025 ms
[ec2-user@ip-10-0-2-86 ~]$
```

Part 3 : Load Balancer & Auto Scaling

AWS Architecture



3.1 : Create a AMI

Create a AMI from the web server instance created in part 2.7

AMIs

[Create Template with AMI](#)[Launch Instance with AMI](#)

Quickstart AMIs (47)
Commonly used AMIs

My AMIs (1)
Created by me

AWS Marketplace AMIs (6968)
AWS & trusted third-party AMIs

Community AMIs (500)
Published by anyone

Refine results

[Clear all filters](#)

Owner

- ☒ Owned by me
☐ Shared with me

OS category

- ☐ All Linux/Unix
☐ All Windows

All products (1 filtered, 1 unfiltered)

< 1 >



server-web-image-ab
ami-0e6608b49a090dd65

Platform: Other Linux Architecture: x86_64 Owner: 671283574725 Publish date: 2023-01-31 Root device type: ebs Virtualization: hvm ENA enabled: Yes

[Select](#)

3.2 : Create a configuration template

name : autoscaling_launch_configuration_ab

EC2 > Launch configurations

Launch configurations (1/1) [Info](#)

[Refresh](#) [Actions](#) [Copy to launch template](#) [Create launch configuration](#)

< 1 > ⌕

<input checked="" type="checkbox"/>	Name	AMI ID	Instance type	Spot price	Creation time
<input checked="" type="checkbox"/>	autoscaling-lau...	ami-0e6608b49a...	t2.micro	-	Tue Jan 31 2023 14:31:49 GMT+0100 (Central European Standard Time)

Launch configuration:autoscaling-launch-configuration

[Copy launch configuration](#)

Details

AMI ID ami-0e6608b49a090dd65	Instance type t2.micro	IAM instance profile -
Kernel ID -	Key name autoscaling-key-pair	Monitoring false
EBS optimized false	Security groups sg-00026fb63de911d44	Spot price -
Create time Tue Jan 31 2023 14:31:49 GMT+0100 (Central European Standard Time)	RAM disk ID -	IP address type Default
Metadata accessible -	Token hop limit -	Metadata version -
User data		

3.3 : Create a Auto Scaling Group

name : autoscaling_group_ab

Configuration with 2 instances MIN/MAX

EC2 > Auto Scaling groups

Auto Scaling groups (1/1) Info

Search your Auto Scaling groups

1 >

Name	Launch template/configuration	Instances	Status	Desired capacity	Min	Max	Availability Zones
autoscaling-group-ab	autoscaling-launch-configuration	0	Updating capacity	2	2	2	eu-west-1b, eu-west-1a

Auto Scaling group: autoscaling-group-ab

Details Activity Automatic scaling Instance management Monitoring Instance refresh

Group details

Desired capacity: 2

Minimum capacity: 2

Maximum capacity: 2

Auto Scaling group name: autoscaling-group-ab

Date created: Tue Jan 31 2023 14:36:56 GMT+0100 (Central European Standard Time)

Amazon Resource Name (ARN): arn:aws:autoscaling:eu-west-1:671283574725:autoScalingGroup:11234b42-9105-463f-ae1d-30382fc3dbb7:autoScalingGroupName/autoscaling-group-ab

Instance creation verification :

Instances (1/4) Info

Find instance by attribute or tag (case-sensitive)

1 >

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic I
serveur-web-instance-ab	i-0407ec188b30a9076	Running	t2.micro	2/2 checks passed	No alarms	eu-west-1b	ec2-52-215-31-59.eu-w...	52.215.31.59	-
nat-instance-ab	i-014fa1e1e1e75cf68	Running	t2.micro	2/2 checks passed	No alarms	eu-west-1a	-	-	-
-	i-0d00659513b1260ea	Running	t2.micro	2/2 checks passed	No alarms	eu-west-1a	-	-	-
-	i-07c6912382de4a7fd	Running	t2.micro	2/2 checks passed	No alarms	eu-west-1b	-	-	-

Instance: i-0d00659513b1260ea

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID: i-0d00659513b1260ea

IPv6 address: -

Hostname type: IP name: ip-10-0-1-208.eu-west-1.compute.internal

Answer private resource DNS name: -

Auto-assigned IP address: -

Public IPv4 address: -

Instance state: Running

Private IP DNS name (IPv4 only): ip-10-0-1-208.eu-west-1.compute.internal

Instance type: t2.micro

VPC ID: vpc-034166ba475b10b49 (my-vpc-ab)

Private IPv4 addresses: 10.0.1.208

Public IPv4 DNS: -

Elastic IP addresses: -

AWS Compute Optimizer finding: User: arn:aws:iam::671283574725:user/Lab_Student_03 is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: * because no identity-based policy allows the compute-optimizer:GetEnrollmentStatus action

Instances (1/4) Info

Find instance by attribute or tag (case-sensitive)

1 >

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elasti
serveur-web-instance-ab	i-0407ec188b30a9076	Running	t2.micro	2/2 checks passed	No alarms	eu-west-1b	ec2-52-215-31-59.eu-w...	52.215.31.59	-
nat-instance-ab	i-014fa1e1e1e75cf68	Running	t2.micro	2/2 checks passed	No alarms	eu-west-1a	-	-	-
-	i-0d00659513b1260ea	Running	t2.micro	2/2 checks passed	No alarms	eu-west-1a	-	-	-
-	i-07c6912382de4a7fd	Running	t2.micro	2/2 checks passed	No alarms	eu-west-1b	-	-	-

Instance: i-07c6912382de4a7fd

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID: i-07c6912382de4a7fd

IPv6 address: -

Hostname type: IP name: ip-10-0-2-185.eu-west-1.compute.internal

Answer private resource DNS name: -

Auto-assigned IP address: -

Public IPv4 address: -

Instance state: Running

Private IP DNS name (IPv4 only): ip-10-0-2-185.eu-west-1.compute.internal

Instance type: t2.micro

VPC ID: vpc-034166ba475b10b49 (my-vpc-ab)

Private IPv4 addresses: 10.0.2.185

Public IPv4 DNS: -

Elastic IP addresses: -

AWS Compute Optimizer finding: User: arn:aws:iam::671283574725:user/Lab_Student_03 is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: * because no identity-based policy allows the compute-optimizer:GetEnrollmentStatus action

Try to delete one instance :

a new instance has been created

Instances (5) Info

Find Instance by attribute or tag (case-sensitive)

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<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic I
<input type="checkbox"/>	serveur-web-instance-ab	i-0407ec188b30a9076	Running	t2.micro	2/2 checks passed	No alarms +	eu-west-1b	ec2-52-215-31-59.eu-w...	52.215.31.59	--
<input type="checkbox"/>	nat-instance-ab	i-014fa1e1e1e75cf68	Running	t2.micro	2/2 checks passed	No alarms +	eu-west-1a	--	--	--
<input type="checkbox"/>	-	i-0d00659513b1260ea	Running	t2.micro	2/2 checks passed	No alarms +	eu-west-1a	--	--	--
<input type="checkbox"/>	-	i-01b8ba46154ddb88	Running	t2.micro	Initializing	No alarms +	eu-west-1b	--	--	--
<input type="checkbox"/>	-	i-07c6912382de4a7fd	Terminated	t2.micro	--	No alarms +	eu-west-1b	--	--	--

3.4 : Create a Load Balancer

name : load_balancer_ab

load-balancer-ab

Details

arn:aws:elasticloadbalancing:eu-west-1:671283574725:loadbalancer/app/load-balancer-ab/b91bce6f0a06d58b

Load balancer type

Application

DNS name

load-balancer-ab-2144611246.eu-west-1.elb.amazonaws.com
(A Record)

Status

Active

VPC

vpc-034166ba475b10b49

IP address type

IPv4

Scheme

Internet-facing

Availability Zones

subnet-048eaafec0b9cb73 eu-west-1a (euw1-az2)
subnet-0517b937c5679a0c4 eu-west-1b (euw1-az3)

Hosted zone

Z32O12XQLNTSW2

Date created

January 31, 2023, 15:08 (UTC+01:00)

Listeners

Network mapping

Security

Monitoring

Integrations

Attributes

Tags

Listeners (1)

A listener checks for connection requests on its port and protocol. Traffic received by the listener is routed according to its rules.

Search

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<input type="checkbox"/>	Protocol:Port	ARN	Security policy	Default SSL cert	Default routing rule	Rules	Tags
<input type="checkbox"/>	HTTP:80	ARN	Not applicable	Not applicable	1. Forward to <ul style="list-style-type: none">target-group-ab: 1 (100%)Group-level stickiness: Off	1	0

target group creation :

EC2 > Target groups

Target groups (1) Info

Search or filter target groups

< 1 > ⚙

<input type="checkbox"/>	Name	ARN	Port	Protocol	Target type	Load balancer	VPC ID
<input type="checkbox"/>	target-group-ab	arn:aws:elasticloadbalancin...	80	HTTP	Instance	load-balancer-ab	vpc-034166ba475b10b49

3.5 : Add Target Group to Load Balancer

Load balancing - optional

Load balancers

☒ Application, Network or Gateway Load Balancer target groups

Only instance target groups that belong to the same VPC as your Auto Scaling group are available for selection.

Select target groups

target-group-ab | HTTP

Application Load Balancer: load-balancer-ab

☐ Classic Load Balancers

Create and attach new load balancers

Add a new load balancer

Cancel

Update

Health check :

EC2 > Target groups > target-group-ab

target-group-ab

Actions

Details

arn:aws:elasticloadbalancing:eu-west-1:671283574725:targetgroup/target-group-ab/c5aa8c6ca28b550f

Target type Instance	Protocol : Port HTTP: 80	Protocol version HTTP1	VPC vpc-034166ba475b10b49
IP address type IPv4	Load balancer load-balancer-ab		

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

Targets

Monitoring

Health checks

Attributes

Tags

Registered targets (2)

Filter resources by property or value

Refresh

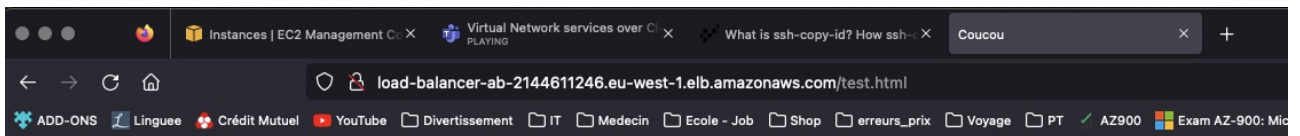
Deregister

Register targets

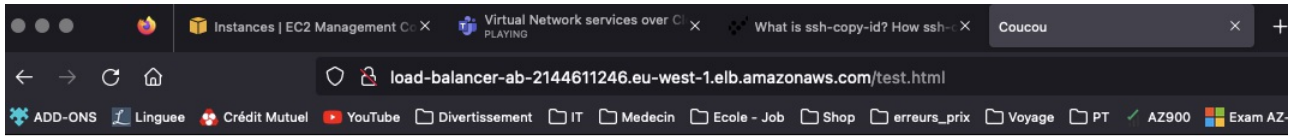
Instance ID	Name	Port	Zone	Health status	Health status details
<input type="checkbox"/> i-01b8ba46154ddba88		80	eu-west-1b	healthy	
<input type="checkbox"/> i-0d00659513b1260ea		80	eu-west-1a	healthy	

3.6 : Test Load Balancer

After customizing the test.html page, we can test the load balancer :



Cette page est une page toute simple du serveur Je suis 1



Cette page est une page toute simple du serveur Je suis 2