

Example with Amazon Web Service

Boris Teabe et Daniel Hagimont



boris.teabe@inp-toulouse.fr

Log in AWS

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aws						
Root user sign i	n o					
Email: daniel.hagimont@	Dirit.fr					
Password	Forgot password?	Amazon Lightsa	l			
•••••		Lightsail is the easiest way				
Sig	jn in	to get started off AWS				
Sign in to a different acco	ount	Learn more »	6	30		
Create a new AWS accou	int		Ē	B		
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About Amazon.com Sign In

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AWS services

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AWS services			Helpful tips				
Find a service by name or feature (for	r example, EC2, S3 or VM, stor	hoose the EC2 se	Manage your costs				
✓ Recently visited services		>	Monitor your AWS costs, usage, and reservations using AWS Budgets, Start				
EC2	Billing		now				
 ✓ All services Compute EC2 Eightsall ☑ 	Management Tools	AWS Cost Management AWS Cost Explorer	Create an organization Use AWS Organizations for policy- based management of multiple AWS accounts. Start now				
ECS EKS Lambda Batch	CloudFormation CloudTrail Config	AWS Budgets	Explore AWS				
Elastic Beanstalk	Service Catalog Systems Manager	Mobile Hub AWS AppSync Device Farm	Machine Learning with Amazon SageMaker				
Storage S3	Managed Services	3 AR & VR	The fastest way to build, train, and deploy machine learning models. Learn more. 🖸				
S3 Glacier DJ Storage Gateway	Media Services Elastic Transcoder	Amazon Sumerian	Amazon Relational Database Service (RDS)				
Database	Kinesis Video Streams MediaConvert MediaLive	Application Integration Step Functions	RDS manages and scales your database for you. RDS supports Aurora, MySQL, PostgreSQL,				
RDS	MediaPackage	Amazon MQ Simple Notification Service	Mariabb, Oracle, and SQL Server. Learn more. 🗹				

EC2 Dashboard

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Tags Reports	You are using the following Amazon E	C2 resources in the EU (Paris) region:	C Account Attributes C Supported Platforms
 INSTANCES Instances Launch Templates Spot Requests Reserved Instances Dedicated Hosts 	0 Running Instances 0 Dedicated Hosts 0 Volumes 0 Key Pairs 0 Placement Groups	 0 Elastic IPs 0 Snapshots 0 Load Balancers 1 Security Groups 	VPC Default VPC vpc-59603330 Resource ID length management Console experiments Additional
 Capacity Reservations IMAGES AMIs Bundle Tasks 	Create Instance To start using Amazon EC2 you will wa	nt to laun <u>ch a virtual server, known</u> as an	Getting Started Guide Documentation
 ELASTIC BLOCK STORE Volumes Snapshots 	Amazon EC2 instance.	Create a security group	Forums Pricing Contact Us
Security Groups	Service Health Service Status:	Create a key pair	AWS Marketplace Find free software trial products in the AWS
Key Pairs	Availability Zone Status:		Marketplace from the EC2 Launch Wizard . Or try these popular AMIs:
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Generation of a key pair



Creation of a security group



Instance management (VM)



Choose the operating system

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aws Services - Reso	urce Groups 🗸 🖈 🗘 dhagimont 🗸 Paris 🛩 Support 🗸
1. Choose AMI 2. Choose Instance Type	3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review
Step 1: Choose an Amazo	n Machine Image (AMI) Cancel and Exit
	Root device type: ebs Virtualization type: hvm
Amazon Free tiet	Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-0ebc281c20e89ba4b Select eligible The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The 64-bit (x86)
	repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.
	Root device type: ebs Virtualization type: hvm
SUSE	SUSE Linux Enterprise Server 15 (HVM), SSD Volume Type - ami-01116bee807116ece Select
Free tier	eligible SUSE Linux Enterprise Server 15 (HVM), EBS General Purpose (SSD) Volume Type. Public Cloud, Advanced Systems Management, Web and Scripting, and Legacy modules enabled.
	Root device type: eus Virtualization type: nvm
(Ubuntu Server 18.04 LTS (HVM), SSD Volume Type - ami-08182c55a1c188dee
Field uct	available from Canonical (https://www.ubuntu.com/cloud/services).
	Root device type: ebs Virtualization type: hvm
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Choose the instance type

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1. Ch	1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review								
Amazo have v applica	on EC2 provides a wide se arying combinations of C ations. Learn more abou	election of instance CPU, memory, stor t instance types a	r ype ce types optimiz rage, and netwo and how they ca	ed to fit different rking capacity, a n meet your com	t use cases. Instances and give you the flexibi aputing needs.	are virtual servers tha ity to choose the appr	t can run applications opriate mix of resourd	s. They ces for your	
Filter	by: All instance type	es 👻 Curr	ent generation	n 🍸 Show/H	lide Columns				
Curr	ently selected: t2.micro	(Variable ECUs, 1	vCPUs, 2.5 GHz	, Intel Xeon Fam	ily, 1 GiB memory, EBS	only)			
	Family ~	Туре -	vCPUs (i) -	Memory (GiB)	Instance Storage (GB) (j	EBS-Optimized Available (j)	Network Performance (i)	IPv6 Support	
	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes	
	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes	
	General purpose	tz.small	1	2	EBS only	-	Low to Moderate	Yes	
	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes	
	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes	
	Cancel Previous Review and Launch Next: Configure Instance Details								
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Details of the configuration

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AMI Details						Edit AMI
Free tier eligible eligible eligible	I Server 18.0 Server 18.04 L Services). ice Type: ebs)4 LTS (HV FS (HVM),EB Virtualization	Y M), SSD Volume IS General Purpose (\$ type: hvm	Type - ami-08182c55a1c1 SSD) Volume Type. Support ava	 88dee ilable from Canonical (http://www.u	ibuntu.com
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Select the security group

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1. Choose AMI 2. Choose	e Instance Type 3. Config	gure Instance 4. Add Storag	e 5. Add Tags 6. Co	nfigure Security Group	7. Review
Step 6: Configur A security group is a set of f instance. For example, if you and HTTPS ports. You can d Assig	e Security Grou irewall rules that control to u want to set up a web secreate a new security grou gn a security group: 0 S	ID the traffic for your instance. rver and allow Internet traffi up or select from an existing reate a new security groun elect an existing security groun	On this page, you can add c to reach your instance, a one below. Learn more ab	rules to allow specifi 3d rules that allow u out Amazon EC2 sec	ic traffic to reach your nrestricted access to the HTTP curity groups.
Security Group ID		Name	Description		Actions
sq-51430239		default	default VPC security grou	qu	Copy to new
sg-05763b452785a0)215	sec-grp-dan	security group of dan		Copy to new
Inbound rules for sg-0576 Type (j)	3b452785a0215 (Selecto Protocol (j)	ed security groups: sg-0576 Port Range (i	3b452785a0215))	Description (i)
All traffic	All	All	0.0.0/0		
All traffic	All	All	::/0		
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Summary

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1. Choose AMI	2. Choose Instance 1	Туре 3. (Configure Instance	4. Add Storage 5. Add T	ags 6. Con	figure Security Group	7. Review	_	
Step 7: Rev Please review your the launch process	iew Instan instance launch d	ce Lau etails. You	I nch can go back to edit	changes for each section. (Click Launch to	assign a key pair t	o your instance	and comp	lete
A Impro Your ins known I You car web ser	 Improve your instances' security. Your security group, sec-grp-dan, is open to the world. Your instances may be accessible from any IP address. We recommend that you update your security group rules to allow access from known IP addresses only. You can also open additional ports in your security group to facilitate access to the application or service you're running, e.g., HTTP (80) for web servers. Edit security groups 								
 AMI Details 								Edit AN	л
Free tier eligible Roo	untu Server 18.0 untu Server 18.04 LT oud/services). t Device Type: ebs	4 LTS (HV S (HVM),EB Virtualization	M), SSD Volume [*] S General Purpose (S type: hvm	Type - ami-08182c55a1c	:188dee ailable from Can	onical (http://www.u	ibuntu.com		
▼ Instance Ty	pe						Edit ins	stance typ)e
Instance Typ	e ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optim	nized Available	Network Per	formance	
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Associate a key pair

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AWS Services - Resource Groups - 🛧 🏠 dhagimont - Paris	▾ Support ▾
1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group	7. Review
Please review your instance Lauricii	stance and
complete the launch p 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. MIDetails Ubunt removing existing key pairs from a public AMI. Choose an existing key pair Select a key pair Select a key pair I acknowledge that I have access to the selected private key file (key-dan.pem), and that 	cess from HTTP (80) for Edit AMI
▼ Instance Type without this file, I won't be able to log into my instance.	lit instance type
Instance Type Cance Launch Instances	k Performance
t2.micro	Moderate
Cancel	Previous Launch
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Creation is done

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Launch	Status																	
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O 1	Your instances	are n	ow launch	ing														
1	The following insta	nce lau	nches have b	een initiate	ed: i-021	158e3e7	69c9400	a Vie	w launch	log								
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How to co	onnect to your	instar	ces															_
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Click View In	nstances to monito	or your i	nstances' sta	atus. Once	your ins	stances a	are in the	running	j state, yo	ou can c	onnec	t to the	m fr	om the In	stance	es scr	een.	
Find out ho	w to connect to yo	ur insta	nces.															
▼ Here a	are some help	ful re	sources t	o get yo	ou star	rted												
 How to d 	connect to your Lin	ux insta	ince	• A	mazon E	EC2: Use	er Guide											
 Learn ab 	oout AWS Free Usa	ge Tier		• A	mazon E	EC2: Dis	cussion F	orum										
While your i	instances are lau	nching	you can als	0														
Create st	atus check alarms	to be n	otified when	these insta	ances fa	ail status	s checks.	(Additio	nalcharg	ges may	apply)							
Eeedb	ack 🙆 Englist	(US)		© 21	008 - 2018	8. Amazo	on Web Ser	vices. Inc.	or its affi	liates. All	riahtsu	eserved		Privacy Po	licv	Term	s of Us	e

The instance is started

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Launch Templates	i-02158e3e7	69c9400a t2.micro eu-west-3c		🛛 Initializing None
Spot Requests				
Reserved Instances				
Dedicated Hosts				
Capacity Reservations				
IMAGES		C P	ublic add	Iress of the VM
AMIs			7 /	
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ELASTIC BLOCK STORE	Instance: i-02158e3e769c9400	Public DNS: ec2-35-180-97-11.eu-west-3.com	pute amazona	ws.com
Volumes			pateramazona	
Snapshots	Description Status Checks	Monitoring Tags		
NETWORK & SECURITY Security Groups	Instance ID	i-02158e3e769c9400a Pub	ic DNS (IPv4)	ec2-35-180-97-11.eu- west-3.compute.amazonaws.com
Elastic IPs	Instance state	running	IPv4 Public IP	35.180.97.11
Placement Groups	Instance type	t2.micro	IPv6 IPs	
Key Pairs	Elastic IPs		Private DNS	ip-172-31-47-134.eu- west-3.compute internal
Network Interfaces	Availability zone	eu-west-3c	Private IPs	172.31.47.134
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Connection with SSH

😕 🗐 🔲 ubuntu@ip-172-31-47-134: ~

Fichier Édition Affichage Rechercher Terminal Aide

hagimont@hagimont-pc:~/Téléchargementss chmod go-rw key-dan.pem hagimont@hagimont-pc:~/Téléchargements\$ ssh -i key-dan.pem ubuntu@ec2-35-180-97-11.eu -west-3.compute.amazonaws.com Welcome to Ubuntu 18.04.1 LTS (GNU/Linux 4.15.0-1021-(ws x80_64) * Documentation: https://help.ubuntu.com * Management: https://landscape.canonical.com * Support: https://ubuntu.com/advantage System information as of Mon Nov 12 07:27:39 UTC 20 System load: 0.01 Processes: Usage of /: 13.3% of 7.69GB Users logged in: IP address for eth Memory usage: 14% .47.134 Swap usage: 0% Get cloud support with Ubuntu A - modify access rights on the key pair file http://www.ubuntu.com/busin/ - log in the VM with the key pair 0 packages can be updated. Ubuntu@... 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-172-31-47-134:~\$

Installation of Apache2 + Php5

- Installation
 - sudo bash
 - apt-get update
 - apt-get install apache2 php libapache2-mod-php
 - systemctl restart apache2
- Verify that Apache is functionning
 - From a web browser:
 - http://ec2-35-180-97-11.eu-west-3.compute.amazonaws.com



Installation of a php page

- From your machine
 - scp -i <fichier .pem> index.php ubuntu@ec2-35-180-29-53.eu-west-3.compute.amazonaws.com:.
- In the VM
 - sudo bash
 - rm /var/www/html/index.html
 - mv index.php /var/www/html/
 - chmod 777 /var/www/html/index.php



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INSTANCES	Name - Instance	D 🔺 Instance Type 🔻	Availability Zone - Instance S	State - Status Checks - Alarm S
Instances		2 miero	ou west 2s	
Spot Dequests	Connect	2.1111CTO	eu-west-3c 🚽 runninį	2/2 checks None
Deserved Instances	Get Windows Pas	sword rom Instance		
Dedicated Hosts	Launch More Like	This		
	Instance State	•		
Capacity Reservations	Instance Settings	•		
IMAGES	Image	Create Image		
AMIs	Networking	Durraie instanto	e (instance store AMI)	
Bundle Tasks	CloudWatch Monit	oring 🕨		
ELASTIC BLOCK STORE	Instance: i-02158e3e760c0400	Public DNS: ec2-35-180-0	∝∝∝ 7-11 eu-west-3 compute amazon	
Volumes	Instance. 1-02130e3e70909400	a Fublic DNS. 662-55-100-9	7-11.eu-west-5.compute.amazon	
Snapshots	Description Status Checks	Monitoring Tags		
NETWORK & SECURITY	Instance ID	i-02158e3e769c9400a	Public DNS (IPv4)	ec2-35-180-97-11.eu-
Security Groups	Instance state	rupping	IPv4 Public IP	west-3.compute.amazonaws.com
Elastic IPs	Instance type	t2.micro	IPv6 IPs	-
Placement Groups	Elastic IPs		Private DNS	ip-172-31-47-134.eu-
Key Pairs				west-3.compute.internal
Network Interfaces	Availability zone	eu-west-3c	Private IPs	172.31.47.134
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P		Launch Instance Connect Actions	
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	Instance ID Image name Image description No reboot	i i-02158e3e769c9400a i image-dan i image of dan	m 5 9
	Instance Volumes		
-	Volume Type (i) Device	Snapshot (i)Size (GiB) (i)Volume Type (i)IOPS (i)Throughput (MB/s) (i)Delete on Termination (i)E	incrypted
-	Root /dev/sda1	snap-03c629352f3ccd91a 8 General Purpose ~ 100 / 3000 N/A 🧭 N	lot Encrypted
	Add New Volume Total size of EBS Volumes: When you create an EBS in	8 GiB nage, an EBS snapshot will also be created for each of the above volumes.	
		Carcel Cr	eate Image
N	etwork Interfaces	Availability zone eu-west-3c Private IPs 172.31.47.134	
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🔊 🗇 🗊 🛛 EC2 Management Console - Mozilla Firefox EC2 Management Conso X + \leftarrow C 🛈 Image: https://eu-west-3.console.aws.amazon.com/ec2/v2/home?region=eu-w ... 🖂 🕁 <u>↓</u> III\ 🗊 Ξ aws Resource Groups 🐱 Services ~ * Connect Actions V Reports 0 Limits 0 < 1 to 1 of 1 > > Q Filter by tags and attributes or search by keyword INSTANCES ▲ Instance Type ▼ Availability Zone ▼ Instance State ▼ Name Instance ID Status Checks 🔻 Alarm Instances Launch Templates i-02158e3e769c9400a t2.micro eu-west-3c running 2/2 checks ... None **Create Image** × De Create Image request received. \odot View pending image ami-0eaa1790d7841acec A Any snapshots backing your new EBS image can be managed on the snapshots screen after successful image creation. B 🖃 E V Close NETWORK & SECURITY Instance ID i-02158e3e769c9400a Public DNS (IPv4) ec2-35-180-97-11.eu-Security Groups west-3.compute.amazonaws.com IPv4 Public IP 35.180.97.11 Instance state running Elastic IPs IPv6 IPs Instance type t2.micro Placement Groups Private DNS ip-172-31-47-134.eu-Elastic IPs Key Pairs west-3.compute.internal ----🗣 Feedback 🛛 🧐 English (US)

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Reports Limits INSTANCES Instances Launch Templates Spot Requests Reserved Instances Dedicated Hosts Capacity Reservations MAGES AMIS Bundle Tasks	Launch Actions Owned by me Q Filter by tags and attributes or search by keyword Image-dan AMI ID Source Image-dan AMI Organization of the search of
ELASTIC BLOCK STORE Volumes	
Snapshots NETWORK & SECURITY Security Groups Electio IDo	Image: ami-0eaa1790d7841acec
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Tags Reports Limits Limits Instances Launch remplates Spot Requests Reserved Instances Dedicated Hosts Capacity Reservations	Launch Instance	Connect and attributes or sea Instance ID i-02158e3e7	Actions A Connect Get Windows Create Temp Launch More Instance Sta Instance Sta Image Networking CloudWatch	s Password late From Instance Like This te tings	ability Zone - I Start Stop Report Terminate	nstance Stat	▲ • • • • ▶ K < 1 to 1 of 1 > > > te ~ Status Checks ~ Alarm \$ • 2/2 checks None
Bundle Tasks	Instance: i-021	58e3e769c9400a	Public DNS: e	c2-35-180-97-11	.eu-west-3.compute	.amazonaw	s.com
ELASTIC BLOCK STORE							
Volumes	Description	Status Checks	Monitoring	Tags			
Snapshots		Instance ID	i-02158e3e769c9	400a	Public DN	S (IPv4) e	c2-35-180-97-11.eu-
NETWORK & SECURITY						v	vest-3.compute.amazonaws.com
Security Groups		Instance state	running		IPv4 F	Public IP 3	5.180.97.11
Elastic IPs		Instance type	t2.micro		Dite	IPv6 IPs -	170 01 47 104 ou
Placement Groups		Elastic IPs			Priv	ate DNS I	/est-3.compute.internal
Key Pairs		Availability zone	eu-west-3c		Pri	vate IPs 1	72.31.47.134
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Amazon Auto Scaling

- Automatically adjust the number of instance according to
 - Monitoring information
 - Rules
- Three utilization cases
 - Maintain a fixed number of instances
 - Plan the addition/removal of instances
 - Dimension according to the load

Amazon Auto Scaling

- Steps
 - Creation of a *load balanceur*
 - Load balancer between instances
 - Creation of a Launch Configuration
 - Type of VM which will be added
 - Creation of an Auto Scaling Group
 - Rules of management

Services 🔻	Q Search for services, features, marketplace products, and docs [Alt+S]	\$ user50 @ 5604-0605-2148 ▼ Seoul ▼
nces New nce Types	EC2 > Target groups	
h Templates Requests	Target groups Info	Actions Create target group
s Plans	Q Search or filter target groups	0
red Instances New	Name \notal ARN \notal Port \notal Protocol \notal Target type \notal Load balancer \notal Action	/PC ID ▽
ity Reservations	No target groups to display.	
s		
c Block Store		
nes		
shots		
rcle Manager New		
ork & Security		
ity Groups		
c IPs		
ment Groups		
airs		
ork Interfaces		
Balancing		
Balancers		
t Groups New	=	
Scaung	Select a target group above.	
h Configurations		

aws Services ▼	Q Search for services, features, marketplace products, and docs [Alt+5]	\$ user50 @ 5604-0605-2148	▼ Seoul ▼	Support
EC2 > Target groups > Create	e target group			
Step 1 Specify group details	Specify group details			
Step 2 Register targets	Basic configuration Settings in this section cannot be changed after the target group is created.			
(Instances Supports logarizedancing to instances within a specific VPC.			
	 IP addresses Supports load balancing to VPC and on-premises resources. Facilitates routing to multiple IP addresses and network interfaces on the same instance. Offers flexibility with microservice based architectures, simplifying inter-application communication. 			
	Lambda function Facilitates routing to a single Lambda function. Accessible to Application Load Balancers only.			
	Application Load Balancer Offers the flexibility for a Network Load Balancer to accept and route TCP requests within a specific VPC. Facilitates using static IP addresses and PrivateLink with an Application Load Balancer.			
	A maximum of 32 alphanamene succession of a second se			
	Protocol Port HTTP V: 80			

aws Services ▼	Q Search for services, features, marketplace products, and docs [Alt+S]	Quererso @ 5604-0605-2148 ▼ Seoul AWS Agent AWS Agent
	A maximum of 32 alphanumeric characters including hyphens are allowed, but the name must not begin or end with a hyphen. Protocol Port TTP Bo Prot Protocol Port Protocol version Furpe1 Send requests to targets using HTTP/2. Supported when the request protocol is HTTP/1.1 or HTTP/2. HTTP Bord requests to targets using HTTP/2. Supported when the request protocol is HTTP/2. or gRPC, but gPC-specific features are not available. Protocol version Furpe1 Send requests to targets using gRPC. Supported when the request protocol is gRPC.	
	Health checks The associated load balancer periodically sends requests, per the settings below, to the registered targets to test their st Health check protocol HTTP Health check path Use the default - , corpung the rota, or specing is to associated - , ford Up to 1024 character's more: Advanced health check settings	

Creation of a load balancer Check your instances

			-	
aws Services ▼	Q Search for services, features, marketp	ace products, and docs [Alt+S]		🗘 user50@5604-0605-2148 ▼ Seoul ▼ Support ▼
Step 2 Register targets	Available instances (2) Q. Filter resources by property or value			< 1 > ©
	□ Instance ID ▼ Name ▼		Zone	
	I-ofb2cf71d5d6ea466	⊘ running launch-wizard-1	ap-northe	east-2a subnet-5f47d034
	I-07255fc82b0de724d	⊘ running AutoScaling-Secu	urity-Group-2 ap-northe	east-2a subnet-5f47d034
		0 selected		
		Ports for the selected instances Ports for routing traffic to the selected instan 80 1-65535 (separate multiple ports with comm Include as pending below	nces. Inas)	
	Review targets			
	Targets (0) All Q Filter resources by property or value			Remove all pending
	Remove Health status Instance ID \bigtriangledown	Name \triangledown Port \triangledown Si	tate 🗢 Security groups	Zone V Subnet ID
	Specify	No instances added yet	efer to add targets later.	
	0 pending		Car	ncel Previous Create target group

aws Services ▼	Q Search for services, features, marketplace	products, and docs [Alt+S]	🗘 user50@5604-0605-2148 ♥ Seoul ♥ Support ♥
▼ Instances	Create Load Balancer Acons 🗸		ତ ବ ଡ
Instances New	${\sf Q}_{\sf q}$ Filter by tags and attributes or search by keyword		< < 1 to 1 of 1 > >
Instance Types	Name DNS name State	VPC ID · Availability	Zones v Type v Created At v Monitoring
Launch Templates	tab tab-571090069.ap-north	vpc-910c69fa ap-northeast-	2d, ap classic October 4, 2021 at 5:59:
Savings Plans			
Reserved Instances New			
Dedicated Hosts			
Capacity Reservations			
▼ Images			
AMIS			
Elastic Block Store			
Volumes			
Snapshots			
Lifecycle Manager New			
Network & Security			
Security Groups			
Elastic IPs			
Placement Groups	Load balancer: tab		
Key Pairs	Description Instances Health check Listeners Monitoring Tags	Migration	
Network Interfaces			
2 Juli Datancing	Basic Configuration		
Load Balancers	Name tab	Creation time	October 4, 2021 at 5:59:22 AM UTC+2
Target Groups New	* DNS name tab-571090069.ap-northeast-2.elb.amazonaws.com Record)	n (A Hosted zone	ZWKZPGTI48KDX
▼ Auto Scaling	Type Classic (Migrate Now)	Status	0 of 2 instances in service
Launch Configurations	Scheme internet-facing	VPC	урс-этосраца

aws Services 🔻

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Select load balancer type

Elastic Load Balancing supports four types of load balancers: Application Load Balancers, Network Load Balancers, Gateway Load Balancers, and Classic Load Balancers. Choose the load balancer type that meets your needs. Learn more about which load balancer is right for you



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on re appli	quest attributes. When the load balancer receives a connection request, it evalu cable, it selects a target from the target group for the rule action.	ates the listener rules in priority order to	o determine which rule to apply, and if				(3	,
•	How Application Load Balancers work							
В	asic configuration							
Lo Na	ad balancer name me must be unique within your AWS account and cannot be changed after the load balance	r is created.]					
A I Sc Sc O IP Se O	haximum of 52 approximates and the load balancer is created. heme cannot be changed after the load balancer is created. i Internet-facing An internet-facing load balancer routes requests from clients over the internet to targets. If internal An internal load balancer routes requests from clients to targets using private IP addresses address type info lect the type of IP addresses that your subnets use. IPV4 Recommended for internal load balancers. Dualstack Includes IPv4 and IPv6 addresses.	not begin or end with a hyphen. Requires a public subnet. Learn more 🔀						
N Th Se co	etwork mapping Info e load balancer routes traffic to targets in the selected subnets, and in accordance with your C Info lect the virtual private cloud (VPC) for your targets. Only VPCs with an internet gateway are nfirm the VPC for your targets, view your target groups	IP address settings. enabled for selection. The selected VPC cannot	be changed after the load balancer is created. To	io				
edback	pc-910c69fa 9vư: 177 31 ∩ ∩/16 English (US) ▼	•		© 2008 - 2021, Amazon Web Services, Inc. or its affiliates. Al	l rights reserved. Privacy Policy Te	rms of Use C	ookie preferen	ıces

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Recommence for internal load balancers. Dualstack Includes IPv4 and IPv6 addresses.		0
Network mapping Info The load balancer routes traffic to targets in the selected subnets, and in accordance with your IP address settings.	Check at least two zones	
VPC Info Select the virtual private cloud (VPC) for your targets. Only VPCs with an internet gateway are enabled for selection. The selected VPC car confirm the VPC for your targets, view your target groups ▲ - vpc-910c69fa IPv4: 172.31.0.0/16 Mappings Info Select at least two Availability Zones and one subnet per zone. The load balancer routes traffic to targets in milability Zones only. balancer or the VPC are not available for selection. Subnets cannot be removed after the load balancer or the QPC are dot available for selection.	Availability Zones that are not supported by the load an be added. Availability Zones that are not	
supported by the load balancer or the VPC are disabled. At least two subnets must be specified. ap-northeast-2a		
ap-northeast-2b	Select your security	
ap-northeast-2c	group	
ap-northeast-2d		
Security groups Info A security group is a set of firewall rules that control the traffic to your load balancer.		
Souther and Salect security groups	• C	



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Instances New								G
Instance Types	EC2 > Launch configurations							
Launch Templates	Launch configurations (2) Info				C Actions ▼ Copy to launch template ▼ Create launch	n configuration		
Spot Requests							0	
Savings Plans							e,	
Dedicated Hosts	Name		▽ Spot price	\bigtriangledown	Creation time		•	
Capacity Reservations	tata ami 0d2	c7h76ah t2 micro			Man Oct 04 2021 Oct07:77 CMT+0200 (Control Furgeroup Summer Time)			
		C5D56dD 12.111CT0	-		Mon Oct 04 2021 00.05.57 GM1+0200 (Central European Summer Time)			
▼ Images	test ami-0d2	c3b36ab t2.micro			Mon Oct 04 2021 05:52:57 GMT+0200 (Central European Summer Time)			
AMIS								
Elastic Block Store								
Volumes								
Snapshots								
Lifecycle Manager New								
▼ Network & Security								
Security Groups								
Elastic IPs								
Placement Groups								
Key Pairs								
Network Interfaces								
▼ Load Balancing								
Load Balancers								
Target Groups New			_					
Auto Scaling	Select a a launch configuration above							
Launch Configurations								
Auto Scaling Groups								
hate staning droups								
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Creation of a launch configuration

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Instead of using launch configurations to create your EC2 Auto Scaling groups, we reader the second seco	commend that you use launch templates to make sure that you're gettin	ing the latest features from EC2. <u>Start using launch templates.</u>		×
Something went wrong. Please refresh and try again.				
EC2 > Launch configurations > Create launch configuration				
Create launch configuration 🗤				
Launch configuration name				
		Select your AMI		
Amazon machine image (AMI) Info				
Choose an AMI				
Instance type Info				
Instance type Choose instance type				
Additional configuration - optional				
Purchasing option Info Request Spot Instances				

Creation of a launch configuration

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Additional configuration - optional			١
Purchasing option Info			
Request Spot Instances			
IAM instance profile Info			
Select IAM role	▼		
Monitoring Info			
Enable EC2 Instance detailed monitoring within CloudWatch			
Advanced details			
cannot be edited.	new one and apply it to any Auto Scaling group. Existing launch configurations		
Storage (volumes) Info			
EBS volumes	Remove		
Volume type Devices Snapsh	ot Size (GiB) Volume type		
+ Add new volume			
Select an Aim before adding volumes			
Free tier eligible customers can get up to 30 GB of EBS storage. Learn mo	re about free usage tier eligibility and usage restrictions.		
Security groups Info			

	Cre	ation	of a	launc	h configuration
Security groups Info		S	elect your curity grou	ip	
Assign a security group Select an existing security group Security group name AutoScaling-Security-Group- Description	roup 3				
Rules	5 (2021-10-04104:20:21:5952)			Remove	
Type SSH	Protocol TCP	Port range	Source type Anywhere	Source ▼ 0.0.0.0/0	
Add new rule Addresses only. Addresses on	.0.0/0 allow all IP addresses to	access your instance. We recomn	nend setting security group rules	to allow access from known IP	
Key pair (login) Info					

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Instances New								(i)
Instance Types	C2 > Launch configurations							
Launch Templates	Launch configurations (2)				C. Actions T. Conv to launch template T	Create Jaunch conf	iguration	
Spot Requests						create taunen com	iguration	
Savings Plans	Q Search launch configurations					< 1	> @	
Reserved Instances New	Name V AMLID	▼ Instance type	Spot price		Creation time			
Dedicated Hosts		instance type	Shorburg	-				
Capacity Reservations	toto ami-0d2c3	5b36ab t2.micro	-		Mon Oct 04 2021 06:03:37 GMT+0200 (Central European Summer Time)			
▼ Images	test ami-0d2c	5b36ab t2.micro	-		Mon Oct 04 2021 05:52:57 GMT+0200 (Central European Summer Time)			
AMIs								
▼ Elastic Block Store								
Volumes								
Snapshots								
Lifecycle Manager New								
▼ Network & Security								
Security Groups								
Elastic IPs								
Placement Groups								
Key Pairs								
Network Interfaces								
▼ Load Balancing								
Load Balancers								
Target Groups New			=					
Auto Scaling	Select a a launch configuration above							
Launch Configurations								
Auto Scaling Groups								
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New EC2 Experience Tell us what you think	① The old Auto Scaling groups console is no lon	ger available. We will keep improving the new	console based on your feedback.				×	(
EC2 Dashboard New	Auto Scale your Amazon EC2 Instances Ahea Explore how the new predictive scaling policy	d of Demand of EC2 Auto Scaling helps you improve availab	ollity for your applications.			Learn More	×	
Tags Limits	EC2 > Auto Scaling groups							
▼ INSTANCES	Auto Scaling groups (1/1)				C Edit Delete Create at	n Auto Scaling group		
Instances	Q Search your Auto Scaling groups					< 1 > ©		
Launch Templates	✓ Name	▷ Launch template/configuration 🖸 ▷	Instances 🗟 Status			~	,	
Spot Requests Savings Plans	✓ test	toto	1 -	1	1 2 ap-northeast-2a			
Reserved Instances								
Scheduled Instances								
Capacity Reservations			=					
▼ IMAGES AMIs	Details Activity Automatic scal	ing Instance management Monito	oring Instance refresh					
ELASTIC BLOCK STORE Volumes	Group details					Edit		
Snapshots	Desired capacity	Auto Scal	ling group name					
Lifecycle Manager	Minimum capacity	Date crea	ited					
Security Groups New	1	Mon Oct	04 2021 06:09:44 GMT+0200 (Central E	European Summer Time)				
Elastic IPs New	Maximum capacity	Amazon F	Resource Name (ARN)					
Placement Groups New Key Pairs New	-	2:560406 8db5a85	5052148:autoScalingGroup:e2565094-5 f3f8a:autoScalingGroupName/test	051-44f6-817a-				
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New EC2 Experience Tell us what you think	EC2 > Auto Scaling groups > Cre	eate Auto Scaling group				(i)
EC2 Dashboard New Events New Tags Limits	Step 1 Choose launch template or configuration 	Choose launch template or configuration	ifo e launched by this Auto Scaling group. If plates.	Switch to		
INSTANCES Instances Instance Types Launch Templates Spot Requests Savings Plans	Step 3 (optional) Configure advanced options Step 4 (optional) Configure group size and scaling policies	Name Coo Scaling group name Source name to identify the group. Must be unique to this account in the current Region and no more than 255 characters.		select your launch configuration		
Reserved Instances Dedicated Hosts New Scheduled Instances Capacity Reservations IMAGES AMIS	Step 5 (optional) Add notifications Step 6 (optional) Add tags Step 7	Launch template Info	switch to launch configuration			
ELASTIC BLOCK STORE Volumes Snapshots Lifecycle Manager	Review	Create a launch template	Cancel Next			
NETWORK & SECURITY Security Groups New Elastic IPs New Placement Groups New Key Pairs New						

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New EC2 Experience Tell us what you think	EC2 > Auto Scaling groups >	Create Auto Scaling group	٥
EC2 Dashboard New Events New Tags	Step 1 Choose launch template or configuration	Configure settings Info Configure the settings below. Depending on whether you chose a launch template, these settings may include options to help you make optimal use of EC2 resources.	
	Step 2 Configure settings	Network Info	
Instances Instance Types	Step 3 <i>(optional)</i> Configure advanced options	For most applications, you can use multiple Availability Zones and let EC2 Auto Scaling balance your instances across the zones. The default VPC and default subnets are suitable for getting started quickly.	
Launch Templates Spot Requests Savings Plans	Step 4 (optional) Configure group size and scaling policies	vpc-910c69fa 172 31 0.0/16 Default C	
Reserved Instances Dedicated Hosts New	Step 5 <i>(optional)</i> Add notifications	Create a VPC Z	
Scheduled Instances Capacity Reservations	Step 6 <i>(optional)</i> Add tags	Select subnets C ap-northeast-2a subnet-5f47d034 X	
AMIs	Step 7 Review	ap-northeast-2c subnet-4436cd0b ×	
 ELASTIC BLOCK STORE Volumes Snapshots Lifecycle Manager 		172.31.32.0/20 Default ap-northeast-2d subnet-dd9a4e82 X 172.31.48.0/20 Default Greate a subnet X	
NETWORK & SECURITY Security Groups New		Cancel Previous Skip to review Next	
Elastic IPs New			
Key Pairs New			
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New EC2 Experience Tell us what you think	Step 6 (optional) Attach to an existing load balancer	٥
EC2 Dashboard New	Add tags Select the load balancers that you want to attach to your Auto Scaling group.	
Events New	Step 7	
Tags	Review Choose from your load balancer target groups Choose from Classic Load Balancers	
Limits	Gateway Load Balancers.	
▼ INSTANCES	Existing load balancer target groups	
Instances	Only instance target groups that belong to the same VPC as your Auto Scaling group are available for selection.	
Instance Types	Select target groups	
Launch Templates	toto HTTP ×	
Spot Requests		
Savings Plans		
Reserved Instances	Health checks - optional	
Dedicated Hosts New		
Scheduled Instances	Health check type Info	
Capacity Reservations	addition to the EC2 health checks that are always enabled.	
▼ IMAGES		
AMIs	Health check grace period The amount of time until EC2 Auto Scaling performs the first health check on new instances after they are put into service.	
▼ ELASTIC BLOCK STORE	300 🗘 seconds	
Volumes		
Snapshots		
Lifecycle Manager	Additional settings - optional	
▼ NETWORK & SECURITY	Monitoring Info	
Security Groups New	Enable group metrics collection within CloudWatch	
Elastic IPs New		
Placement Groups New	Cancel Previous Skip to review Next	
Key Pairs New		
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New EC2 Experience Tell us what you think	EC2 > Auto Scaling groups > C	ireate Auto Scaling group	0
EC2 Dashboard New Events New Tags	Step 1 Choose launch template or configuration	Configure group size and scaling policies Info Set the desired, minimum, and maximum capacity of your Auto Scaling group. You can optionally add a scaling policy to dynamically scale the number of instances in the group.	
▼ INSTANCES	Step 2 Configure settings	Group size - optional Info	
Instances Instance Types	Step 3 (optional) Configure advanced options	Specify the size of the Auto Scaling group by changing the desired capacity. You can also specify minimum and maximum capacity limits. Your desired capacity must be within the limit range.	
Launch Templates Spot Requests Savings Plans	Step 4 (optional) Configure group size and scaling policies	Desired capacity	
Reserved Instances Dedicated Hosts New	Step 5 <i>(optional)</i> Add notifications	Minimum capacity	
Capacity Reservations	Step 6 (optional) Add tags	2	
AMIs	Step 7		
 ELASTIC BLOCK STORE Volumes Snapshots Lifecycle Manager NETWORK & SECURITY 	Review	Scaling policies - optional Choose whether to use a scaling policy to dynamically resize your Auto Scaling group to meet changes in demand. Info Target tracking scaling policy Choose a desired outcome and leave it to the scaling policy to add and remove capacity as needed to acceve that outcome.	
Security Groups New Elastic IPs New Placement Groups New Key Pairs New		Scaling policy name Target Tracking Policy	
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New EC2 Experience Tell us what you think	Step 7				<u>(</u>
EC2 Dashboard New	Review	Scaling policies - optional			
Events New					
Tags		choose whether to use a scaling policy to dynamically resize your Auto scaling group to meet changes in demand. Into			
Limits		Target tracking scaling policy None			
▼ INSTANCES		Choose a decined outcome section of the scaling policy to add and remove capacity as needed to achieve that outcome.			
Instances					
Instance Types		Scaling policy name			
Launch Templates		Target Tracking Policy			
Spot Requests				1	
Reserved Instances		Average CPU utilization			
Dedicated Hosts New					
Scheduled Instances		Torgessi			
Capacity Reservations		50			
▼ IMAGES					
AMIs		300 seconds warm up before including in metric			
▼ ELASTIC BLOCK STORE		Disable scale in to create only a scale-out policy			
Volumes	1				
Snapshots		Instance scale-in protection - optional			
Lifecycle Manager					
▼ NETWORK & SECURITY		Instance scale-in protection			
Security Groups New		Enable Instance scale-in protection Enable Instance scale-in protection			
Elastic IPs New					
Placement Groups New		Cancel Previous Skip to review Next			
Key Pairs New					

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New EC2 Experience Tell us what you think	EC2 > Auto Scaling groups > Cre	eate Auto Scaling group					١
EC2 Dashboard New Events New Tags Limits	Step 1 Choose launch template or configuration Step 2 Configure settings	Add notifications Info Send notifications to SNS topics whenever Amazon EC2 Auto Scaling launce Scaling group.	hes or terminates the EC2 Instances in your Auto				
INSTANCES Instances Instance Types	Step 3 (optional) Configure advanced options	Cancel	Previous Skip to review Next				
Launch Templates Spot Requests Savings Plans	Step 4 (<i>aptional</i>) Configure group size and scaling policies						
Reserved Instances Dedicated Hosts New Scheduled Instances	Step 5 (optional) Add notifications						
Capacity Reservations	Step 6 (optional) Add tags						
AMIs	Step 7 Review						
ELASTIC BLOCK STORE Volumes Snapshots Lifecycle Manager							
NETWORK & SECURITY Security Groups New Elastic IPs New							
Placement Groups New Key Pairs New Feedback English (US) ▼			© 2008 - 2021. Amazon Web Services. Inc. or its affiliates. All	i rights reserved. Privacy Policy Te	rms of Use C	ookie preferer	nces

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New EC2 Experience Tell us what you think	EC2 > Auto Scaling groups > Cre	eate Auto Scaling group					١
EC2 Dashboard New Events New Tags Limits VINSTANCES	Step 1 Choose launch template or configuration Step 2 Configure settings	Add tags Info Add tags to help you search, filter, and track your Auto Scaling group across AWS. You can also choose to automatically these tags to instances when they are launched.	add				
Instances Instance Types	Step 3 (optional) Configure advanced options	launch template. We recommend caution, however, because the tag values for instances from your launch template will be overridden if there are any duplicate keys specified for the Auto Scaling group.					
Launch Templates Spot Requests Savings Plans	Step 4 (optional) Configure group size and scaling policies	Tags (0)					
Reserved Instances Dedicated Hosts New Scheduled Instances	Step 5 (optional) Add notifications	Add tag 50 remaining					
Capacity Reservations	Step 6 (optional) Add tags	Cancel Previous	Next				
AMIS	Step 7 Review						
▼ ELASTIC BLOCK STORE Volumes							
Snapshots Lifecycle Manager							
NETWORK & SECURITY Security Groups New							
Elastic IPs New Placement Groups New							
Key Pairs New			Web Constant las coltas d'Alisados dal secondo	Debug un Dalliau — T	-611	-1.:	
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New EC2 Experience Tell us what you think	EC2 > Auto Scaling groups > Cre	ate Auto Scaling group			٩
EC2 Dashboard New Events New Tags Limits	Step 1 Choose launch template or configuration	Add tags Info Add tags to help you search, filter, and track your Auto Scaling group across AWS. You can also choose to automatically add these tags to instances when they are launched.			
▼ INSTANCES Instances Instance Types	Configure settings Step 3 (optional) Configure advanced options	3 You can optionally choose to add tags to instances (and their attached EBS volumes) by specifying tags in your X launch template. We recommend caution, however, because the tag values for instances from your launch template will be overridden if there are any duplicate keys specified for the Auto Scaling group.			
Launch Templates Spot Requests Savings Plans	Step 4 (optional) Configure group size and scaling policies	Tags (0)			
Reserved Instances Dedicated Hosts New Scheduled Instances	Step 5 (optional) Add notifications	Add tag 50 remaining			
Capacity Reservations IMAGES	Step 6 (optional) Add tags	Cancel Previous Next			
AMIs	Step 7 Review				
▼ ELASTIC BLOCK STORE Volumes Snapshots Lifecycle Manager					
NETWORK & SECURITY Security Groups New Elastic IPs New Placement Groups New Key Pairs New					
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New EC2 Experience	Target tracking scaling								(
Tell us what you think	Policy type	Scaling policy name	Exec	ute policy when					`
EC2 Dashboard New	Target tracking scaling	Target Tracking Policy	As re utiliz	equired to maintain Average CPU ration at 50					
Events New	Take the action	Instances need	Scale	e in					
Tags	Add or remove capacity units as	300 seconds to warm up befor	e Enab	oled					
Limits	required	including in metric							
▼ INSTANCES									
Instances	Instance scale-in protection	I							
Instance Types									
Launch Templates	Instance scale-in protection								
Spot Requests	Enable instance protection from	scale m							
Savings Plans									
Reserved Instances	Step 5: Add notifications			Edit]				
Dedicated Hosts New									
Scheduled Instances	Notifications								
Capacity Reservations	No potifications								
▼ IMAGES									
AMIs									
▼ ELASTIC BLOCK STORE	Step 6: Add tags			Edit]				
Volumes	Tags (0)								
Snapshots	1ags (0)								
Lifecycle Manager	Key Value	Tag new in	stances						
▼ NETWORK & SECURITY		No tags							
Security Groups New									
Elastic IPs New									
Placement Groups New			Cancel	Create Auto Scaling group					
Key Pairs New									
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aws serv	rvices 🗸 Resource Groups 🗸 🖈 🗘 dhagimont 🕶 Paris 🕶 Suppor	t 🕶
AMIS Bundle Tasks	Create Auto Scaling group	* 0
Volumes Snapshots	The first instance in the group was started K < 1 to 1 of 1 Auto Scaling Groups	> >
NETWORK & SECURITY Security Groups Electic IDc	Name Launch Imstances Desired Min Max Availability Zones Defa scalinggroup-dan launchcor 1 1 1 2 eu-west-3c 300	ault Coolc
Placement Groups		
Key Pairs Network Interfaces	Auto Scaling Group: scalinggroup-da	
LOAD BALANCING	Details Activity History Scale Instances Monitoring Notifications Tags Scheduled Actions	Lifecycle
Load Balancers Target Groups	Actions V	Ð
AUTO SCALING Launch Configurations	Filter: Any Health Status × Any cycle State × Q Filter instances ×	
Auto Scaling Groups	K < 1 to 1 of 1 Instances >	>
SYSTEMS MANAGER	Instance ID to the state auton configuration / rempiate Availability Zees - Health Status - Protected from	om 👻
Run Command	i-04e5e4338b7b6fd50 InService launchconf-dan eu-west-3c Healthy	
State Manager		
Configuration Compliance		
Automations		
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aws Services	s 🗸 Resource Groups 🗸 🖈 🗘 dhagimont 🕶 Paris 🕶 Supp	oort 🕶	
Capacity Reservations IMAGES AMIs Bundle Tasks	Create target group Actions ~ Q, Filter by tags and attributes or search by keyword K < 1 to 1 of	• • 1 > >	8
 ELASTIC BLOCK STORE Volumes Snapshots 	group-dan 80 HTTP instance lb-dan vpc-59603330		
 NETWORK & SECURITY Security Groups Elastic IPs Placement Groups Key Pairs Network Interfaces 	Target group: group-dan Description Targets Health checks Monitoring The load balancer starts routing requests to initial health checks. If demand on your to deregister targets. This first instance is associated with the group and the load balancer	eses the can	1
LOAD BALANCING Load Dataneous Target Groups Aorro Scaling Launch Configurations Auto Scaling Croups	Edit Registered targets Instance ID i-04e5e4338b7b6fd50 Name Port Availability Zone Status healthy ()		
SYSTEMS MANAGER SERVICES Run Command State Manager	Availability Zone Target count Healthy? eu-west-3c 1 Yes	erms of l	

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aws Services	✓ Resource Groups ✓ ★	Support 👻
Capacity Reservations IMAGES AMIs Bundle Tasks	Create Load Balancer Actions ~ Q. Filter by tags and attributes or search by keyword K < 1 to	- २ ♥ Ø 01of1 > >
 ELASTIC BLOCK STORE Volumes Snapshots 	Name DNS name State VPC ID Ib-dan Ib-dan-326497551.eu-west-3 active vpc-59603330	 Availability Z eu-west-3b, et
NETWORK & SECURITY Security Groups Elastic IPs Placement Groups Key Pairs Network Interfaces	Load balancer: Ib-dan Description Listeners Monitoring Tags Basic Configuration Image: Configuration Image: Configuration	
Load Balancers	Name: Ib-dan € Creation time: November 12, 2018 at 2:06:47 ARN: arn:aws:elasticloadbalancing:eu- west-3:910556517775:loadbalancef/app/lb- dap/922cuoasa19cc0da ੴ Hosted zone: Z3Q77PNBQS71R4 State: active	PM UTC+1
Launch Configurations Auto Scaling Groups	Dbs lb-dan-326497551.eu-west-3.elb.amazonaws.com VPC: VPC: Vpc: Vpc: name: (A Record) IP address type: ipv4 Scheme: internet Secing AWS WAF Web An error occurred while a reque Total ACL: made to AWS WAF.	est was
SERVICES Run Command State Manager	I ype: application Availability subnet-0b6ffe70 - eu-west-3b, Zones: subnet-7e3ee433 - eu-west-3c, IC) @ 2008 - 2018 Amazon Web Services Inc. or its affiliator. All sights reserved.	Terms of Use

The load balancer relays the requests



You can reload many times the page, it's always the same IP address

Overloading the application

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	← → ♂ ✿	ⓒ	le.aws. amazon.com /ec2,	/v2/home?region=eu-west-3#I •••• 🕻	
	aws Services	🗸 Resource Groups 👻 🛠		🗘 dha	gimont 🕶 Paris 🕶 Support 🕶
	Events Tags Reports	Launch Instance Connect G Filter by tags and attributes or sea	Actions 🛩		▲ • ● ● ● < 1 to 2 of 2 > >
	Limits	Name - Instance ID	Instance Type	e 🔻 Availability Zone 🗸 Instance State	Status Checks Alarm Status
		i-04e5e4338	b7b6fd50 t2.micro	eu-west-3c 🥥 running	🥝 2/2 checks None 🍡
	Instances	i-06aec0c39	40e17e35 t2.micro	eu-west-3c 🥥 terminated	None 📷
Are you sure you want to concrime waring: Perhanently added Welcone to the Wellog And run	g in the instance the yes program	aws.com,35.180			
System System load: 0.0 Usage of /: 16.2% of 7.69GB	su un: 0	·04e5e4338b7b6fd50	Public DNS: ec2-35-18	0-100-161.eu-west-3.compute.amazonaws	.com
Swap usage: 0%	3 TOT PCHO: 172.31.40.131	Status Checks	Monitoring Tags		
Get cloud support with Ubunt http://www.ubuntu.com/busi 103 packages can be updated.	Jge Cloud Guest: vices/cloud	Instance ID	i-04e5e4338b7b6fd50	Public DNS (Pv4)	ec2-35-180-100-161.eu- west-3.compute.amazonaws.com
38 updates are security update		Instance state	running	IPv4 Public IP	35.180.100.161
Last login: Mon Nov 12 12:59:13 ubuntu@ip-172-31-40-151:~\$ yes	2018 from 185.44.228.103	Instance type	t2.micro	IPv6 IPs	
		Elastic IPs		Private DNS	ip-172-31-40-151.eu- west-3.compute.internal
		a a car			
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Auto scaling

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aws serv	ices 🗸 Resource Groups 🗸 🖈 🗘 dhagimont 🗸 Paris 🛪 Support 🛪
EC2 Dashboard Events Tags	▲ ↔ ♦ ● ▲ ↔ ♦ ● Q, Filter by tags and attributes or search by keyword
Reports Limits	Name Variability Zone Variab
INSTANCES	i-04e5e4338b7b6fd50 t2.micro eu-west-3c running 2/2 checks None i-06aec0c3940e17e35 t2.micro eu-west-3c terminated None
Instances	i-09a8ce005f425f5c4 t2.micro eu-west-3c Initializing ne
Launch Templates	
Spot Requests	
Reserved Instances	
Dedicated Hosts	
Capacity Reservations	A second instance was created
IMAGES	NB: with free instances, 5 minutes latency
AMIS	Select an instance above
Bundle Tasks	
ELASTIC BLOCK STORE	
Spanshote	
Shapshots	
NETWORK & SECURITY	
Flactic IDe	
Placement Groups	
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Load balancing between the 2 instances

You can reload many times the page, you should have different IP addresses, i.e. the load is balanced between the 2 instances

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access fro	m ip-172-31-40-151

