

Activities Google Chrome Jan 11 08:51

Target groups | EC2 Man... Target groups | EC2 Man... Instances | EC2 Managem... +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:instanceState=running&v=3;\$case=tag:true%5C,client:false;\$regex=tags:false...

aws Services run Command N. Virginia mostafa gadallah

New EC2 Experience Tell us what you think

EC2 Dashboard  
EC2 Global View  
Events  
Tags  
Limits

Instances  
Instances  
Instance Types  
Launch Templates  
Spot Requests  
Savings Plans  
Reserved Instances  
Dedicated Hosts  
Scheduled Instances  
Capacity Reservations

Images  
AMIs

Feedback Looking for language selection? Find it in the new Unified Settings

Successfully terminated i-015ff7c50b060476f,i-0945fef0aa2874776

Successfully started i-07414ba81f2f08670,i-09679b0d0e12f84ff

Instances (4) Info Connect Instance state Actions Launch instances

Find Instance by attribute or tag (case-sensitive)

Instance state = running Clear filters

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availabi
<input type="checkbox"/>	public-1	i-09679b0d0e12f84ff	Running	t2.micro	2/2 checks passed	No alarms	us-east-
<input type="checkbox"/>	public-2	i-07414ba81f2f08670	Running	t2.micro	2/2 checks passed	No alarms	us-east-
<input type="checkbox"/>	-	i-0e0eb85110d17a668	Running	t2.micro	2/2 checks passed	No alarms	us-east-
<input type="checkbox"/>	-	i-0ca786bc38dc24ed7	Running	t2.micro	2/2 checks passed	No alarms	us-east-

Select an instance

© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Activities Google Chrome Jan 11 08:51

Target groups | EC2 Man... Target groups | EC2 Man... Instances | EC2 Managem... +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#TargetGroup:targetGroupArn=arn:aws:elasticloadbalancing:us-east-1:02039484708...

aws Services Search [Alt+S] N. Virginia mostafa gadallah

New EC2 Experience Tell us what you think

EC2 Dashboard  
EC2 Global View  
Events  
Tags  
Limits

Instances  
Instances  
Instance Types  
Launch Templates  
Spot Requests  
Savings Plans  
Reserved Instances  
Dedicated Hosts  
Scheduled Instances  
Capacity Reservations

Images  
AMIs  
AMI Catalog

Elastic Block Store  
Volumes  
Snapshots  
Lifecycle Manager

Feedback Looking for language selection? Find it in the new Unified Settings

privateee Actions

Details  
arn:aws:elasticloadbalancing:us-east-1:020394847087:targetgroup/privateee/ea8220b5fd811d8c

Target type	Protocol : Port	VPC	IP address type
Instance	TCP: 80	vpc-0393385bf83ad02c0	IPv4

Load balancer  
privateee

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

	Instance ID	Name	Port	Zone	Health status	Health status details
<input type="checkbox"/>	i-0e0eb85110d17a668		80	us-east-1c	healthy	
<input type="checkbox"/>	i-0ca786bc38dc24ed7		80	us-east-1f	healthy	

© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Activities Google Chrome Jan 11 08:51

Auto Scaling groups | EC2 x Target groups | EC2 Mana x Instances | EC2 Managem x +

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

aws Services auto scaling groups

New EC2 Experience Tell us what you think

EC2 Dashboard  
EC2 Global View  
Events  
Tags  
Limits

Instances  
Instances  
Instance Types  
Launch Templates  
Spot Requests  
Savings Plans  
Reserved Instances  
Dedicated Hosts  
Scheduled Instances  
Capacity Reservations

Images  
AMIs  
AMI Catalog

Elastic Block Store  
Volumes  
Snapshots  
Lifecycle Manager

We have launched a new allocation strategy, "Price capacity optimized", that optimizes for both the lowest price and available capacity for the number of Spot Instances that are launching. For more information, see [Allocation strategies](#)

EC2 > Auto Scaling groups

Auto Scaling groups (1) info Edit Delete Create an Auto Scaling group

Search your Auto Scaling groups

<input type="checkbox"/>	Name	Launch template/configuration	Instances	Status	Desired capacity	Min	Max
<input type="checkbox"/>	private	private   Version Default	3	-	2	2	2

0 Auto Scaling groups selected

Feedback Looking for language selection? Find it in the new Unified Settings

© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Activities Google Chrome Jan 11 08:51

Auto Scaling group detail x Target groups | EC2 Mana x Instances | EC2 Managem x +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AutoScalingGroupDetails:id=private;view=details

aws Services auto scaling groups

New EC2 Experience Tell us what you think

EC2 Dashboard  
EC2 Global View  
Events  
Tags  
Limits

Instances  
Instances  
Instance Types  
Launch Templates  
Spot Requests  
Savings Plans  
Reserved Instances  
Dedicated Hosts  
Scheduled Instances  
Capacity Reservations

Images  
AMIs  
AMI Catalog

Elastic Block Store  
Volumes  
Snapshots  
Lifecycle Manager

EC2 > Auto Scaling groups > private

private Details Activity Automatic scaling Instance management Monitoring Instance refresh

Group details Edit

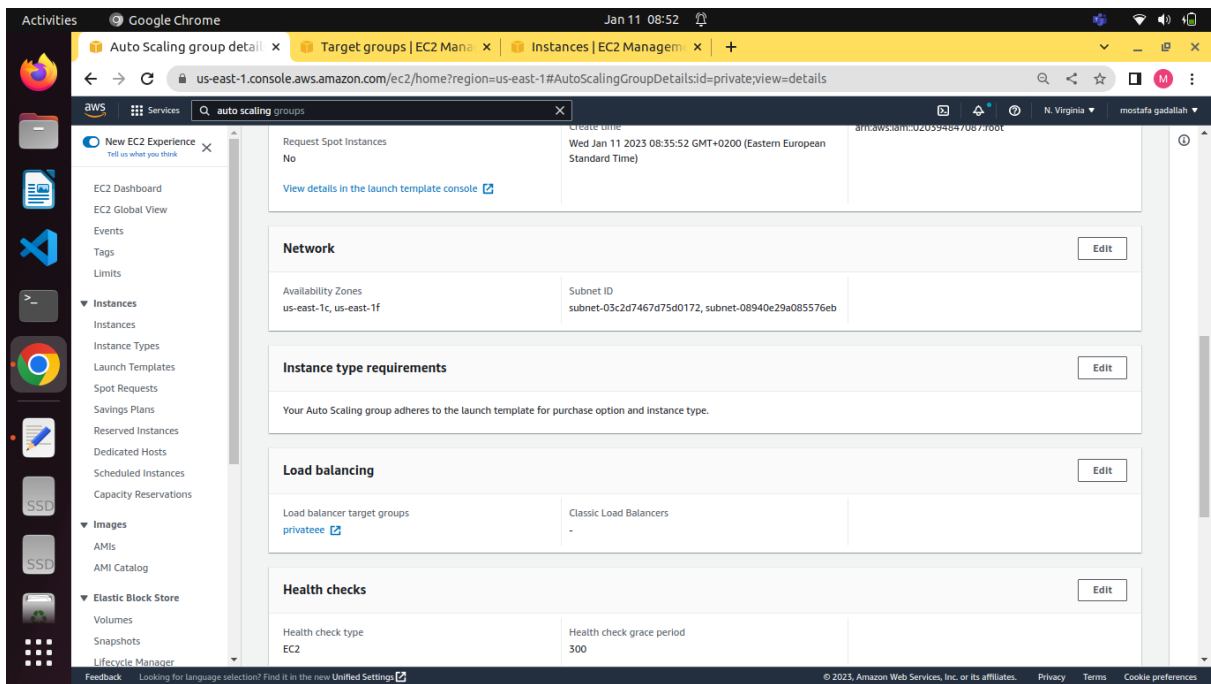
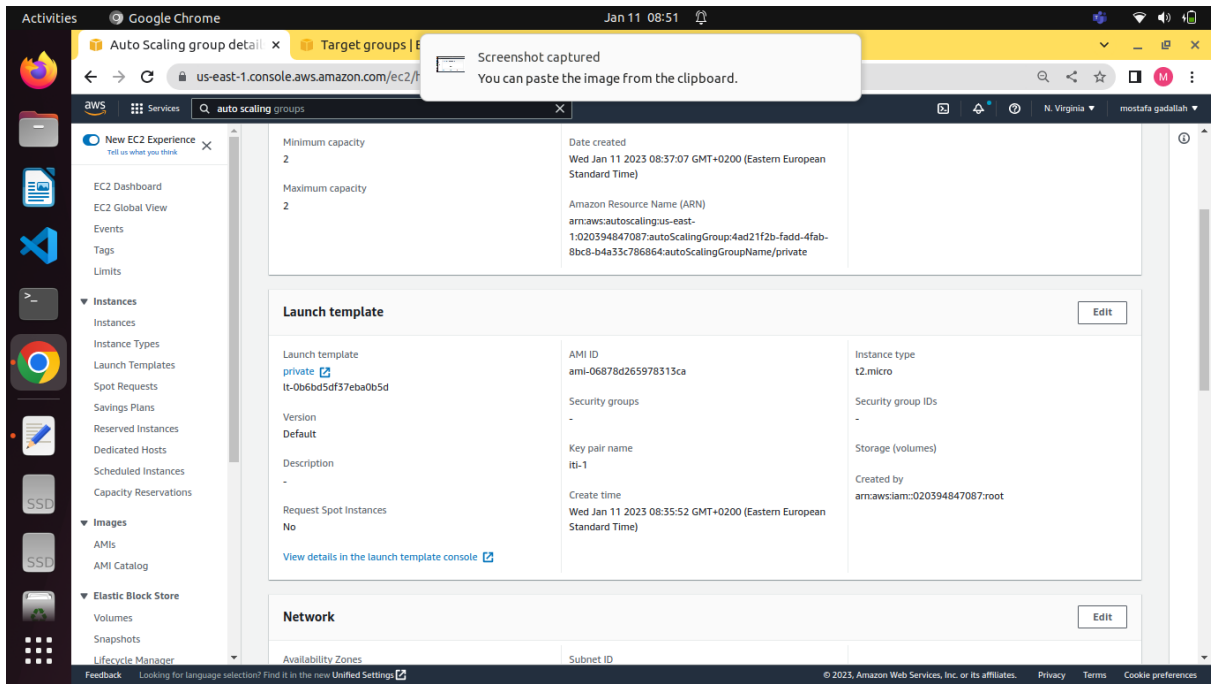
Desired capacity 2	Auto Scaling group name private
Minimum capacity 2	Date created Wed Jan 11 2023 08:37:07 GMT+0200 (Eastern European Standard Time)
Maximum capacity 2	Amazon Resource Name (ARN) arn:aws:autoscaling:us-east-1:020394847087:autoScalingGroup:4ad21f2b-fadd-4fab-8bcb-b4a33c786864:autoScalingGroupName/private

Launch template Edit

Launch template <a href="#">private</a> lt-0b6bd5df37eba0b5d	AMI ID ami-06878d265978313ca	Instance type t2.micro
Version Default	Security groups	Security group IDs

Feedback Looking for language selection? Find it in the new Unified Settings

© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences



Activities Google Chrome Jan 11 08:52

Auto Scaling group details Launch templates | EC2 Management console Target groups | EC2 Management console Instances | EC2 Management console

us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchTemplates:sort=launchTemplateId;search=lt-0b6bd5df37eba0b5d

aws Services Search [Alt+S]

New EC2 Experience Tell us what you think

EC2 Dashboard  
EC2 Global View  
Events  
Tags  
Limits

Instances  
Instances  
Instance Types  
Launch Templates  
Spot Requests  
Savings Plans  
Reserved Instances  
Dedicated Hosts  
Scheduled Instances  
Capacity Reservations

Images  
AMIs  
AMI Catalog

Elastic Block Store  
Volumes  
Snapshots  
Lifecycle Manager

Feedback Looking for language selection? Find it in the new Unified Settings

© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

### Launch templates (1) info

Filter by tags or properties or search by keyword

search: lt-0b6bd5df37eba0b5d Clear filters

Launch template ID	Launch template name	Default version	Latest version
lt-0b6bd5df37eba0b5d	private	1	1

Select a launch template

Activities Google Chrome Jan 11 08:52

Auto Scaling group details EC2 Management console Target groups | EC2 Management console Instances | EC2 Management console

us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchTemplateDetails:launchTemplateId=lt-0b6bd5df37eba0b5d

aws Services Search [Alt+S]

New EC2 Experience Tell us what you think

EC2 Dashboard  
EC2 Global View  
Events  
Tags  
Limits

Instances  
Instances  
Instance Types  
Launch Templates  
Spot Requests  
Savings Plans  
Reserved Instances  
Dedicated Hosts  
Scheduled Instances  
Capacity Reservations

Images  
AMIs  
AMI Catalog

Elastic Block Store  
Volumes  
Snapshots  
Lifecycle Manager

Feedback Looking for language selection? Find it in the new Unified Settings

© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

### private (lt-0b6bd5df37eba0b5d)

Actions Delete template

#### Launch template details

Launch template ID	Launch template name	Default version	Owner
lt-0b6bd5df37eba0b5d	private	1	arn:aws:iam::020394847087:root

Details Versions Template tags

#### Launch template version details

Actions Delete template version

Version	Description	Date created	Created by
1 (Default)	-	2023-01-11T06:35:52.000Z	arn:aws:iam::020394847087:root

Instance details Storage Resource tags Network Interfaces Advanced details

AMI ID	Instance type	Availability Zone	Key pair name
ami-06878d265978313ca	t2.micro	-	RI-1

Security groups	Security group IDs
-	sg-096a316d8a493e4dc

Activities Google Chrome Jan 11 08:52

Auto Scaling group details x EC2 Management Console x Target groups | EC2 Management x Instances | EC2 Management x +

us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchTemplateDetails:launchTemplateId=lt-0b6bd5df37eba0b5d

aws Services Search [Alt+5]

New EC2 Experience Tell us what you think

- EC2 Dashboard
- EC2 Global View
- Events
- Tags
- Limits
- Instances
  - Instances
  - Instance Types
  - Launch Templates
  - Spot Requests
  - Savings Plans
  - Reserved Instances
  - Dedicated Hosts
  - Scheduled Instances
  - Capacity Reservations
- Images
  - AMIs
  - AMI Catalog
- Elastic Block Store
  - Volumes
  - Snapshots
- Lifecycle Manager

Placement group -

Tenancy -

RAM disk ID -

Core count -

Metadata version -

User data

```
#!/bin/bash
sudo apt update -y
sudo apt install apache2 -y
systemctl start apache2
systemctl enable apache2
sudo echo "Hello World from ec1" > /var/www/html/index.html
```

Base64-encoded user data has been decoded for readability.

Target partition -

Tenancy host resource group -

Kernel ID -

Threads per core -

Allow tags in metadata -

Capacity reservation -

Tenancy host ID -

Enclave -

Metadata accessible -

EBS optimized instance -

Tenancy affinity -

License configurations -

Token hop limit -

Feedback Looking for language selection? Find it in the new Unified Settings

© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Activities Google Chrome Jan 11 08:54

Load balancers | EC2 x EC2 Instance Connect x EC2 Management Console x Target groups | EC2 Management x Instances | EC2 Management x +

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

aws Services Search load balancers

New EC2 Experience Tell us what you think

- EC2 Dashboard
- EC2 Global View
- Events
- Tags
- Limits
- Instances
  - Instances
  - Instance Types
  - Launch Templates
  - Spot Requests
  - Savings Plans
  - Reserved Instances
  - Dedicated Hosts
  - Scheduled Instances
  - Capacity Reservations
- Images
  - AMIs
  - AMI Catalog
- Elastic Block Store
  - Volumes
  - Snapshots
- Lifecycle Manager

EC2 > Load balancers

Load balancers (2)

Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.

Filter by property or value

<input type="checkbox"/>	Name	DNS name	State	VPC ID	Availability Zones	Type	Date created
<input type="checkbox"/>	privatee	privatee-c61439ad95811fd...	Active	vpc-0393385bf83ad02c0	2 Availability Zones	network	January 8, 2023, 10:00 (UTC+02:00)
<input type="checkbox"/>	alb	alb-933563241.us-east-1.el...	Active	vpc-0393385bf83ad02c0	2 Availability Zones	application	January 6, 2023, 11:00 (UTC+02:00)

Feedback Looking for language selection? Find it in the new Unified Settings

© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Activities Google Chrome Jan 11 08:55

Load balancers | EC2 | x EC2 Instance Connect x EC2 Management Console x Target groups | EC2 | x Instances | EC2 Management Console | x +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LoadBalancer/loadBalancerArn=arn:aws:elasticloadbalancing:us-east-1:020394847...

aws Services load balancers

New EC2 Experience Tell us what you think

EC2 Dashboard  
EC2 Global View  
Events  
Tags  
Limits  
▼ Instances  
Instances  
Instance Types  
Launch Templates  
Spot Requests  
Savings Plans  
Reserved Instances  
Dedicated Hosts  
Scheduled Instances  
Capacity Reservations  
▼ Images  
AMIs  
AMI Catalog  
▼ Elastic Block Store  
Volumes  
Snapshots  
Lifecycle Manager

### privatee

arn:aws:elasticloadbalancing:us-east-1:020394847087:loadbalancer/net/privatee/c61439ad95811fd

Load balancer type Network	DNS name privatee-c61439ad95811fd.elb.us-east-1.amazonaws.com (A Record)	Status Active	VPC vpc-0393385bf83ad02c0
IP address type IPv4	Scheme Internet-facing	Availability Zones subnet-03c2d746d75d0172 us-east-1f (use1-az5) subnet-08940e29a085576eb us-east-1c (use1-az2)	Hosted zone Z26RNL4JFTOTI
Date created January 8, 2023, 18:52 (UTC+02:00)			

Listeners Network mapping 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

	Protocol/Port	ARN	Security policy	Default SSL cert	Default routing rule	ALPN policy	Tags
<input type="checkbox"/>	TCP-80	ARN	Not applicable	Not applicable	Forward to privatee	None	0

Feedback Looking for language selection? Find it in the new Unified Settings

© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Activities Google Chrome Jan 11 08:57

Load balancers | EC2 | x EC2 Instance Connect x EC2 Management Console x Target groups | EC2 | x Instances | EC2 Management Console | x +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-09679b0d0e12f84ff&osUser=ubuntu&region=us-east-1

aws Services [Alt+S]

10 updates can be applied immediately.  
To see these additional updates run: apt list --upgradable

\*\*\* System restart required \*\*\*

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-10-0-2-8:~$ cd /etc/nginx
ubuntu@ip-10-0-2-8:~$ cd /etc/nginx$ cd sites-enabled/
ubuntu@ip-10-0-2-8:~$ cd /etc/nginx/sites-enabled$ sudo vim default
ubuntu@ip-10-0-2-8:~$ cd /etc/nginx/sites-enabled$ sudo systemctl restart nginx
ubuntu@ip-10-0-2-8:~$ cd /etc/nginx/sites-enabled$ sudo systemctl status nginx
● nginx.service: A high performance web server and a reverse proxy server
   Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor preset: enabled)
   Active: active (running) since Wed 2023-01-11 08:57:03 UTC; 14s ago
     Docs: man:nginx(8)
   Process: 7788 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
   Process: 7791 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
   Main PID: 7792 (nginx)
     Tasks: 2 (limit: 1143)
    Memory: 4.9M
           CPU: 20ms
   CGroup: /system.slice/nginx.service
           └─7782 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
             └─7793 "nginx: worker process"
```

Jan 11 08:57:03 ip-10-0-2-8 systemd[1]: nginx.service: Deactivated successfully.  
Jan 11 08:57:03 ip-10-0-2-8 systemd[1]: Stopped A high performance web server and a reverse proxy server.  
Jan 11 08:57:03 ip-10-0-2-8 systemd[1]: Starting A high performance web server and a reverse proxy server...  
Jan 11 08:57:03 ip-10-0-2-8 systemd[1]: Started A high performance web server and a reverse proxy server.  
ubuntu@ip-10-0-2-8:~\$ cd /etc/nginx/sites-enabled

I-09679b0d0e12f84ff (public-1)

PublicIPs: 3.81.225.30 PrivateIPs: 10.0.2.8

Feedback Looking for language selection? Find it in the new Unified Settings

© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Activities Google Chrome Jan 11 08:57

Load balancers | EC2 | x EC2 Instance Connect x EC2 Management Con x Target groups | EC2 | x Instances | EC2 Manag x +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-09679b0d0e12f84ff&osUser=ubuntu&region=us-east-1

aws Services Search [Alt+S]

```
# See: https://bugs.debian.org/765762
#
# Self signed certs generated by the ssl-cert package
# Don't use them in a production server!
#
include snippets/snakeoil.conf;

root /var/www/html;

# Add index.php to the list if you are using PHP
index index.html index.htm index.nginx-debian.html;

server_name _;

location / {
    proxy_pass http://private-c61439ad99811fdf.elb.us-east-1.amazonaws.com;
}

# pass PHP scripts to FastCGI server
#
location ~ \.php$ {
    include snippets/fastcgi-php.conf;
    #
    # With php-fpm (or other unix sockets):
    fastcgi_pass unix:/run/php/php7.4-fpm.sock;
    # With php-cgi (or other tcp sockets):
    fastcgi_pass 127.0.0.1:9000;
}

# deny access to .htaccess files, if Apache's document root
# concurs with nginx's one
"default" 89L, 2350B
```

49, 74-88 50x

I-09679b0d0e12f84ff (public-1)  
PublicIPs: 3.81.225.30 PrivateIPs: 10.0.2.8

Feedback Looking for language selection? Find it in the new Unified Settings

© 2025 Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences