

web-server

 New EC2 Experience
Tell us what you think 

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

▼ Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Target groups (1) [Info](#)



Actions ▼

Create target group



Search or filter target groups



1



Name ▼

ARN ▼

Port ▼

Protocol ▼

Target type



my-target-gp



arn:aws:elasticloadbalancin...

80

HTTP

Instance



0 target groups selected



Select a target group above.

☒ New EC2 Experience ×
[Tell us what you think](#)

[EC2 Dashboard](#)[EC2 Global View](#)[Events](#)[Tags](#)[Limits](#)

▼ Instances

[Instances New](#)[Instance Types](#)[Launch Templates](#)[Spot Requests](#)[Savings Plans](#)[Reserved Instances New](#)[Dedicated Hosts](#)[Create Load Balancer](#)[Actions ▾](#) × [Add filter](#)[⏪](#) [⏴](#) **1 to 1 of 1** [⏵](#) [⏩](#)

<input type="checkbox"/>	Name	DNS name	State	VPC ID	Availability Zones
<input type="checkbox"/>	my-loadbalancer	my-loadbalancer-462888393...	Active	vpc-0d3b3fd7fd6318ae8	us-east-1d, us-east-1f, ...

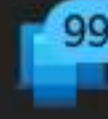
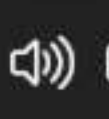
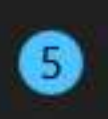
Load balancer: **my-loadbalancer**

[Description](#)[Listeners](#)[Monitoring](#)[Integrated services](#)[Tags](#)

Basic Configuration

[Feedback](#) [Looking for language selection? Find it in the new Unified Settings](#)

© 2022, Amazon Internet Services Private Ltd. or its affiliates.

[Privacy](#)[Terms](#)[Cookie preferences](#)ENG
IN23:12
29-08-2022

Lifecycle Manager New

▼ Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

▼ Load Balancing

Load Balancers

Target Groups New

▼ Auto Scaling

Launch Configurations

Auto Scaling Groups

Step 6 (optional)

Add tags

Step 7

Review

Attach to an existing load balancer

Select the load balancers that you want to attach to your Auto Scaling group.

☒ Choose from your load balancer target groups

This option allows you to attach Application, Network, or Gateway Load Balancers.

☐ Choose from Classic Load Balancers

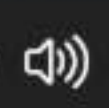
Existing load balancer target groups

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

Select target groups



my-target-gp | HTTP
Application Load Balancer: my-loadbalancer



 New EC2 Experience
Tell us what you think 

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

▼ Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Instances (2) [Info](#)



Connect

Instance state ▼

Actions ▼











Launch instances



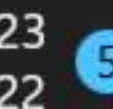
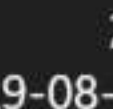
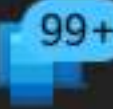
 Search

< 1 >



<input type="checkbox"/>	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	
<input type="checkbox"/>	-	i-0f4373a633bc7d694	 Running  	t2.micro	 Initializing	No alarms	
<input type="checkbox"/>	web-server	i-01a31f31ca5e15eca	 Running  	t2.micro	 2/2 checks passed	No alarms	

Select an instance



web-server

 New EC2 Experience
Tell us what you think 

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

▼ Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Instances (1/3) [Info](#)



Connect

Instance state ▼

Actions ▼
















Launch instances



 Search

< 1 >



	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	
<input type="checkbox"/>	data-base	i-0f9a7c017de931088	 Running  	t2.micro	-	No alarms	
<input checked="" type="checkbox"/>	-	i-0f4373a633bc7d694	 Running  	t2.micro	 2/2 checks passed	No alarms	
<input type="checkbox"/>	web-server	i-01a31f31ca5e15eca	 Running  	t2.micro	 2/2 checks passed	No alarms	

Instance: i-0f4373a633bc7d694

Details

Security

Networking

Storage


Status checks

Monitoring

Tags

▼ Instance summary [Info](#)

Instance ID

 i-0f4373a633bc7d694

IPv6 address


 Public IPv4 address copied

Public IPv4 addresses

 204.236.253.61 | [open address](#) 

Instance state

Private IPv4 addresses

 172.31.35.157

Public IPv4 DNS

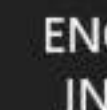
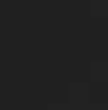
Feedback Looking for language selection? Find it in the new [Unified Settings](#) 

© 2022, Amazon Internet Services Private Ltd. or its affiliates.

[Privacy](#)

[Terms](#)

[Cookie preferences](#)



Lifecycle Manager New

▼ Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

▼ Load Balancing

Load Balancers

Target Groups New

▼ Auto Scaling

Launch Configurations

Auto Scaling Groups

EC2 > Target groups

Target groups (1/1) [Info](#)

Actions ▼

Create target group



1



Name ▼

ARN ▼

Port ▼

Protocol ▼

Target type



my-target-gp

arn:aws:elasticloadbalancin...

80

HTTP

Instance

Target group: my-target-gp ×

1



Instance ID ▼

Name ▼

Port ▼

Zone ▼

Health status ▼

Health status details



i-Of4373a633bc7d694

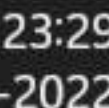
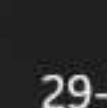
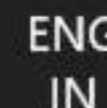
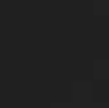
80

us-east-1d

healthy

[Feedback](#)Looking for language selection? Find it in the new [Unified Settings](#)

© 2022, Amazon Internet Services Private Ltd. or its affiliates.

[Privacy](#)[Terms](#)[Cookie preferences](#)

web-server

File Edit View Tools Tab Window Help



ssh://ec2-user@ec2-204-236-253-61.compute-1.amazonaws.com:22

To add the current session, click on the left arrow button.

1 ec2-204-236-253-61.comp... x +

Host 'ec2-204-236-253-61.compute-1.amazonaws.com' resolved to 204.236.253.61.

Connecting to 204.236.253.61:22...

Connection established.

To escape to local shell, press 'Ctrl+Alt+J'.

WARNING! The remote SSH server rejected X11 forwarding request.

Please login as the user "ec2-user" rather than the user "root".

Connection closed.

Disconnected from remote host(ec2-204-236-253-61.compute-1.amazonaws.com:22) at 23:35:04.

Type 'help' to learn how to use Xshell prompt.

[C:\~]\$ ssh -i "silicon_master.pem" ec2-user@ec2-204-236-253-61.compute-1.amazonaws.com

Host 'ec2-204-236-253-61.compute-1.amazonaws.com' resolved to 204.236.253.61.

Connecting to 204.236.253.61:22...

Connection established.

To escape to local shell, press 'Ctrl+Alt+J'.

WARNING! The remote SSH server rejected X11 forwarding request.

Last login: Mon Aug 29 17:03:27 2022 from 49.37.45.190

```
  _ |  ( _ | _ )
  _ |  ( _ | _ ) /
  _ | \ _ | _ |
```

 Amazon Linux 2 AMI<https://aws.amazon.com/amazon-linux-2/>

3 package(s) needed for security, out of 7 available

Run "sudo yum update" to apply all updates.

[ec2-user@ip-172-31-35-157 ~]\$

ssh://ec2-user@ec2-204-236-253-61.compute-1.amazonaws.com:22

SSH2

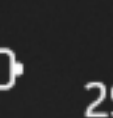
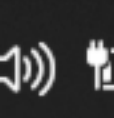
xterm

171x33

33,32

2 sessions

CAP NUM



Disconnected from remote host(ec2-204-236-253-61.compute-1.amazonaws.com:22) at 23:35:04.

```
[C:\~]$ ssh -i "silicon_master.pem" ec2-user@ec2-204-236-253-61.compute-1.amazonaws.com
```

```
Connecting to 204.236.253.61:22...
```

Connection established.

To escape to local shell, press 'Ctrl+Alt+]'.
 To return to remote shell, press 'Ctrl+Alt+[']'.

```
WARNING! The remote SSH server rejected X11 forwarding request.
```

Last login: Mon Aug 29 17:03:27 2022 from 49.37.45.190

```

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

```

<https://aws.amazon.com/amazon-linux-2/>

3 package(s) needed for security, out of 7 available

Run "sudo yum update" to apply all updates.

```
[ec2-user@ip-172-31-35-157 ~]$ sudo su
```

```
[root@ip-172-31-35-157 ec2-user]# cd
```

```
[root@ip-172-31-35-157 ~]# cat
```

$$\text{cat}^H H^H H^H H^H H^H Z$$

```
[1]+  Stopped                  cat
```

```
[root@ip-172-31-35-157 ~]# cat /var/www/html/index.html
```

web-server

```
[root@ip-172-31-35-157 ~]#
```

CloudWatch



Favorites and recents



Dashboards

Alarms

1 1 0

In alarm

All alarms

Billing

Logs

Metrics

X-Ray traces

Events

Application monitoring

CloudWatch > Alarms

Alarms (2)

☐ Hide Auto Scaling alarms

Clear selection



Create composite alarm

Actions ▾

Create alarm

Search

Any state ▾

Any type ▾

Any actions ... ▾

< 1 >



<input type="checkbox"/>	Name ▾	State ▾	Last state update ▾	Conditions	A
<input type="checkbox"/>	scale-in-alarm	In alarm	2022-08-29 23:45:51	CPUUtilization <= 40 for 1 datapoints within 1 minute	N
<input type="checkbox"/>	scale-out-alarm	OK	2022-08-29 23:44:32	CPUUtilization >= 60 for 1 datapoints within 1 minute	N

Feedback

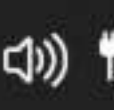
Looking for language selection? Find it in the new Unified Settings

© 2022, Amazon Internet Services Private Ltd. or its affiliates.

Privacy

Terms

Cookie preferences



CloudWatch



Favorites and recents



Dashboards

▼ Alarms ⚠️ 1 ✅ 1 ⋮ 0

In alarm

All alarms

Billing

► Logs

► Metrics

► X-Ray traces

► Events

► Application monitoring

CloudWatch > Alarms > scale-out-alarm

Alarms



scale-out-alarm



Actions



CPUUtilization

CPUUtilization >= 60 for 1 datapoints within 1 minute

Percent

92.3

46.3

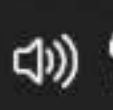
0.323

CPUUtilization

15:30 15:45 16:00 16:15 16:30 16:45 17:00 17:15 17:30 17:45 18:00 18:15



OK





ssh://ec2-user@ec2-204-236-253-61.compute-1.amazonaws.com:22

To add the current session, click on the left arrow button.

1 ec2-204-236-253-61.comp... x +

```
top - 18:30:41 up 37 min, 1 user, load average: 1.28, 0.67, 0.27
Tasks: 106 total, 2 running, 61 sleeping, 1 stopped, 0 zombie
%Cpu(s): 99.0 us, 1.0 sy, 0.0 ni, 0.0 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
KiB Mem : 988688 total, 629668 free, 109332 used, 249688 buff/cache
KiB Swap: 0 total, 0 free, 0 used. 733064 avail Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
28162	root	20	0	114648	772	708	R	99.3	0.1	2:23.77	yes
3013	apache	20	0	534176	7032	4580	S	0.3	0.7	0:00.32	httpd
1	root	20	0	123512	5416	3944	S	0.0	0.5	0:01.90	systemd
2	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kthreadd
3	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_gp
4	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_par_gp
6	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/0:0H-ev
8	root	0	-20	0	0	0	I	0.0	0.0	0:00.04	kworker/0:1H-ev
9	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	mm_percpu_wq
10	root	20	0	0	0	0	S	0.0	0.0	0:00.00	rcu_tasks_rude_
11	root	20	0	0	0	0	S	0.0	0.0	0:00.00	rcu_tasks_trace
12	root	20	0	0	0	0	S	0.0	0.0	0:00.06	ksoftirqd/0
13	root	20	0	0	0	0	I	0.0	0.0	0:00.10	rcu_sched
14	root	rt	0	0	0	0	S	0.0	0.0	0:00.01	migration/0
16	root	20	0	0	0	0	S	0.0	0.0	0:00.00	cpuhp/0
18	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kdevtmpfs
19	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	netns
22	root	20	0	0	0	0	S	0.0	0.0	0:00.01	kauditd
264	root	20	0	0	0	0	S	0.0	0.0	0:00.00	khungtaskd
265	root	20	0	0	0	0	S	0.0	0.0	0:00.00	oom_reaper
266	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	writeback
268	root	20	0	0	0	0	S	0.0	0.0	0:00.05	kcompactd0
269	root	25	5	0	0	0	S	0.0	0.0	0:00.00	ksmd
270	root	39	19	0	0	0	S	0.0	0.0	0:00.00	khugepaged
325	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kintegrityd
327	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kblockd

ssh://ec2-user@ec2-204-236-253-61.compute-1.amazonaws.com:22

SSH2

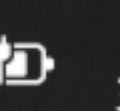
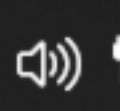
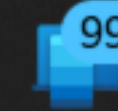
xterm

171x33

33,171

2 sessions

CAP NUM



CloudWatch



Favorites and recents



Dashboards

▼ Alarms 1 1 0

In alarm

All alarms

Billing

► Logs

► Metrics

► X-Ray traces

► Events

► Application monitoring

CloudWatch > Alarms

Alarms (2)

☐ Hide Auto Scaling alarms

Clear selection



Create composite alarm

Actions ▼

Create alarm

Search

Any state ▼

Any type ▼

Any actions ... ▼



1



<input type="checkbox"/>	Name ▼	State ▼	Last state update ▼	Conditions
<input type="checkbox"/>	scale-in-alarm	OK	2022-08-29 23:59:50	CPUUtilization <= 40 for 1 datapoints within 1 minute
<input type="checkbox"/>	scale-out-alarm	In alarm	2022-08-29 23:59:43	CPUUtilization >= 60 for 1 datapoints within 1 minute

Feedback

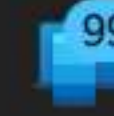
Looking for language selection? Find it in the new Unified Settings

© 2022, Amazon Internet Services Private Ltd. or its affiliates.

Privacy

Terms

Cookie preferences



 New EC2 Experience
Tell us what you think

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

▼ Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Instances (4) [Info](#)



Connect









Instance state ▼

Actions ▼

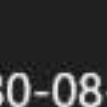
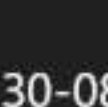
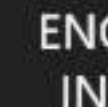
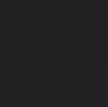
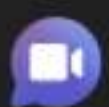
Launch instances



Search

<input type="checkbox"/>	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	
<input type="checkbox"/>	data-base	i-0f9a7c017de931088	✓ Running  	t2.micro	✓ 2/2 checks passed	No alarms	+
<input type="checkbox"/>	-	i-01d179a61bbd657a9	✓ Running  	t2.micro	⌵ Initializing	No alarms	+
<input type="checkbox"/>	-	i-0f4373a633bc7d694	✓ Running  	t2.micro	✓ 2/2 checks passed	No alarms	+
<input type="checkbox"/>	web-server	i-01a31f31ca5e15eca	✓ Running  	t2.micro	✓ 2/2 checks passed	No alarms	+

Select an instance



Lifecycle Manager New

▼ Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

▼ Load Balancing

Load Balancers

Target Groups New

▼ Auto Scaling

Launch Configurations

Auto Scaling Groups

Target groups (1/1) [Info](#)

Actions ▼

Create target group

1

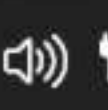




<input checked="" type="checkbox"/>	Name ▼	ARN ▼	Port ▼	Protocol ▼	Target type
<input checked="" type="checkbox"/>	my-target-gp	arn:aws:elasticloadbalancin...	80	HTTP	Instance

Target group: my-target-gp



<input type="checkbox"/>	Instance ID ▼	Name ▼	Port ▼	Zone ▼	Health status ▼	Health status details
<input type="checkbox"/>	i-01d179a61bbd657a9		80	us-east-1c	✓ healthy	
<input type="checkbox"/>	i-0f4373a633bc7d694		80	us-east-1d	✓ healthy	



 New EC2 Experience
Tell us what you think 

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

▼ Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Instances (5) [Info](#)




Connect

Instance state ▼

























Actions ▼

Launch instances

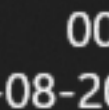
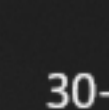
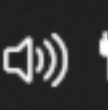


 Search

< 1 > 

<input type="checkbox"/>	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	
<input type="checkbox"/>	–	i-0dc825fbaef22772f	 Running  	t2.micro	–	No alarms	
<input type="checkbox"/>	data-base	i-0f9a7c017de931088	 Running  	t2.micro	 2/2 checks passed	No alarms	
<input type="checkbox"/>	–	i-01d179a61bbd657a9	 Running  	t2.micro	 Initializing	No alarms	
<input type="checkbox"/>	–	i-0f4373a633bc7d694	 Running  	t2.micro	 2/2 checks passed	No alarms	
<input type="checkbox"/>	web-server	i-01a31f31ca5e15eca	 Running  	t2.micro	 2/2 checks passed	No alarms	

Select an instance



Snapshots NewLifecycle Manager New

▼ Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

▼ Load Balancing

Load Balancers

Target Groups New

▼ Auto Scaling

Launch Configurations

Auto Scaling Groups

EC2 > Target groups

Target groups (1/1) [Info](#)

Actions ▼

Create target group



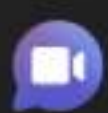
1



<input checked="" type="checkbox"/>	Name ▼	ARN ▼	Port ▼	Protocol ▼	Target type
<input checked="" type="checkbox"/>	my-target-gp	arn:aws:elasticloadbalancin...	80	HTTP	Instance

Target group: my-target-gp ×

<input type="checkbox"/>	Instance ID ▼	Name ▼	Port ▼	Zone ▼	status ▼	details
<input type="checkbox"/>	i-01d179a61bbd657a9		80	us-east-1c	✓ healthy	
<input type="checkbox"/>	i-0dc825fbaef22772f		80	us-east-1e	✓ healthy	
<input type="checkbox"/>	i-0f4373a633bc7d694		80	us-east-1d	✓ healthy	



CloudWatch



Favorites and recents



Dashboards

Alarms ⚠️ 1 ✅ 1 ⋮ 0

In alarm

All alarms

Billing

Logs

Metrics

X-Ray traces

Events

Application monitoring

CloudWatch > Alarms

Alarms (2)

☐ Hide Auto Scaling alarms

Clear selection



Create composite alarm

Actions ▼

Create alarm

Any state ▼

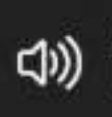
Any type ▼

Any actions ... ▼

< 1 >



<input type="checkbox"/>	Name ▼	State ▼	Last state update ▼	Conditions
<input type="checkbox"/>	scale-in-alarm	⚠️ In alarm	2022-08-30 00:04:50	CPUUtilization <= 40 for 1 datapoints within 1 minute
<input type="checkbox"/>	scale-out-alarm	✅ OK	2022-08-30 00:02:43	CPUUtilization >= 60 for 1 datapoints within 1 minute



 New EC2 Experience 
Tell us what you think

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

▼ Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Instances (5) [Info](#)



Connect

Instance state ▼



















Actions ▼

Launch instances

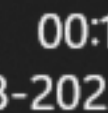
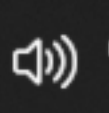
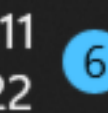
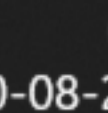
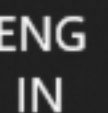
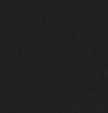


 Search

< 1 > 

<input type="checkbox"/>	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	
<input type="checkbox"/>	–	i-0dc825fbaef22772f	 Running  	t2.micro	 2/2 checks passed	No alarms	
<input type="checkbox"/>	data-base	i-0f9a7c017de931088	 Terminated  	t2.micro	–	No alarms	
<input type="checkbox"/>	–	i-01d179a61bbd657a9	 Running  	t2.micro	 2/2 checks passed	No alarms	
<input type="checkbox"/>	–	i-0f4373a633bc7d694	 Terminated  	t2.micro	–	No alarms	

Select an instance



New EC2 Experience

Tell us what you think

- EC2 Dashboard
- EC2 Global View
- Events
- Tags
- Limits
- ▼ Instances
- Instances New
- Instance Types
- Launch Templates
- Spot Requests
- Savings Plans
- Reserved Instances New
- Dedicated Hosts

Instances (5) [Info](#)

Connect

Instance state ▼

Actions ▼

Launch instances

Search

< 1 >

<input type="checkbox"/>	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	
<input type="checkbox"/>	-	i-0dc825fbaef22772f	Running	t2.micro	2/2 checks passed	No alarms	
<input type="checkbox"/>	data-base	i-0f9a7c017de931088	Terminated	t2.micro	-	No alarms	
<input type="checkbox"/>	-	i-01d179a61bbd657a9	Terminated	t2.micro	-	No alarms	
<input type="checkbox"/>	-	i-0f4373a633bc7d694	Terminated	t2.micro	-	No alarms	

Select an instance

 New EC2 Experience
Tell us what you think 

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

▼ Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Instances (5) [Info](#)



Connect

Instance state ▼


















Actions ▼

Launch instances



 Search

< 1 > 

<input type="checkbox"/>	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	
<input type="checkbox"/>	-	i-0dc825fbaef22772f	 Running  	t2.micro	 2/2 checks passed	No alarms	
<input type="checkbox"/>	data-base	i-0f9a7c017de931088	 Terminated  	t2.micro	-	No alarms	
<input type="checkbox"/>	-	i-01d179a61bbd657a9	 Terminated  	t2.micro	-	No alarms	
<input type="checkbox"/>	-	i-0f4373a633bc7d694	 Terminated  	t2.micro	-	No alarms	

Select an instance

