

## Lab3. Auto Scaling 구현하기

### 1. 목적

- 이번 Lab에서는 Tencent Cloud에서 제공하는 Auto Scaling을 구현한다. Auto Scaling 서비스는 서비스에 필요한 인스턴스 수를 탄력적으로 유지할 뿐만 아니라 사용자 요청에 대해 서비스 지연 현상을 예방할 수 있는 서비스이다.

### 2. 사전 준비물

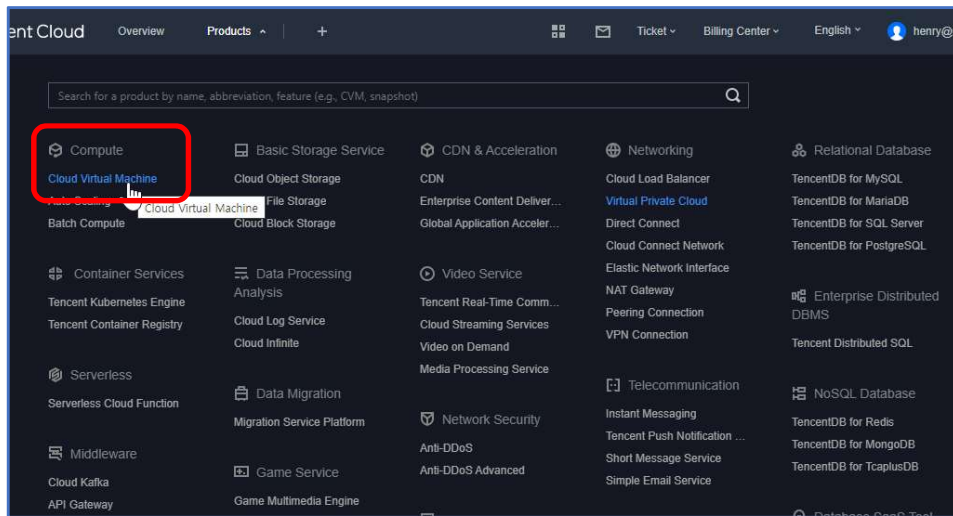
- Tencent Cloud Account

### 3. 목차

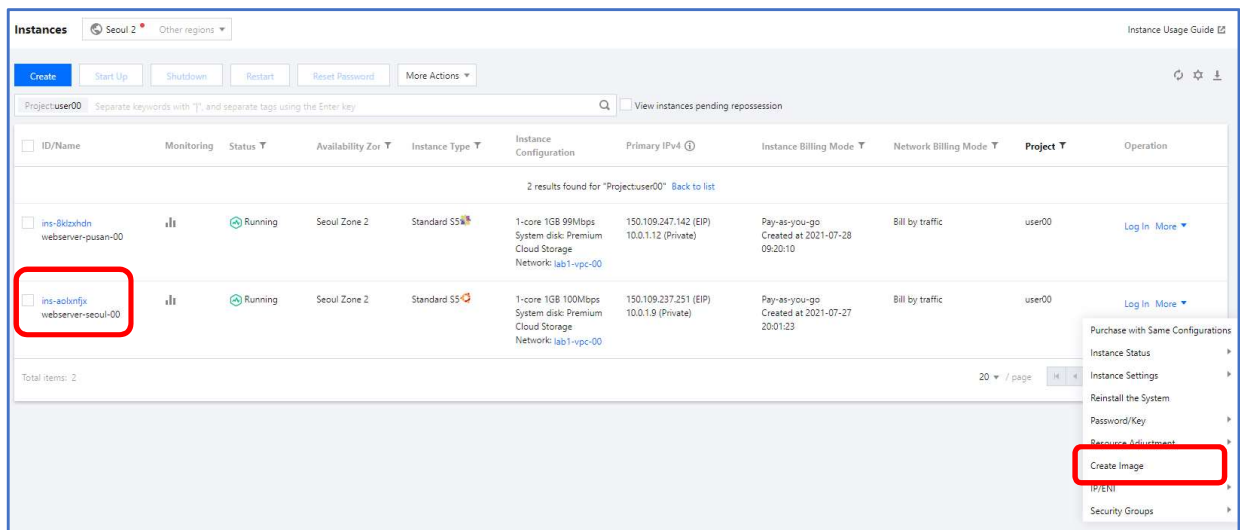
- Task1. Auto Scaling을 구성하기 전 사전 준비하기
- Task2. Launch Configuration 구성하기
- Task3. Scaling Group 설정하기
- Task4. Scaling Policy 생성하기
- Task5. Auto Scaling 테스트하기

## Task1. Auto Scaling을 구성하기 전 사전 준비하기

1. Lab1에서 생성한 **webserver-seoul-xx**(xx는 당일 부여된 번호) 인스턴스를 이용해서 **Custom Image**로 만드는 작업을 한다. 페이지 상단의 메뉴 중 **[Products] > [Compute] > [Cloud Virtual Machine]**을 클릭한다.



2. **[Cloud Virtual Machine] Dashboard** 페이지이다. 이미 Lab1에서 생성한 **webserver-seoul-xx**가 있다. 이 가상머신의 **Custom Image**를 생성하기 위해 목록에서 **webserver-seoul-xx**을 찾아서 제일 오른쪽 메뉴인 **[Operations] > [More] > [Create Image]** 메뉴를 클릭한다.



3. **[Create custom image]** 페이지이다. **[Image Name]**에 **webserver-seoul-custom-img-xx**(xx는 당일 부여된 번호) 라고 입력한 다음, **[Create Image]** 파란색 버튼을 클릭한다.

Create custom image

✕

1

Enter image info

You've selected 1 instance. [Collapse](#)

ID/Name	Instance Type	Instance Configuration
ins-ewyxf8jh webserver-seoul-00	Standard S3	1-core 1GB 100Mbps System disk: Premium Cloud Storage Network: vpc-gvcruh9q

1

1. When a custom image is created, a related snapshot is created automatically. To delete this snapshot, you need to delete the associated image first. **CBS Snapshot (International) was commercialized on Mar. 1, 2019**. You may be charged for snapshot service for your custom images. Please make sure your account has enough balance before creating the image. For details, please see

2. This instance supports online creation of images. It takes about 10 minutes to create the image.

3. To create a custom image using Linux instance, please make sure that **there are no data disk configurations under /etc/fstab**. Otherwise the instances created using this image cannot be started up normally. If there're mounted data disks, please comment out or delete the custom configurations of data disks in /etc/fstab

Image Name \*

webserver-seoul-custom-img-00

Supports only letters, numbers and hyphens

Description

You can enter 60 more characters.

Create Image

4. 잠시 후, **Custom Image**가 생성되는데, 확인을 위해서 **[Cloud Virtual Machine] > [Images] > [Custom Image]**으로 이동한다.

Images

Seoul

Image Usage Guide Ed

Public Image

Custom Image

Shared Image

Note

1. Microsoft discontinued maintenance support for the Windows Server 2008 R2 operating system on January 14, 2020. Accordingly, Tencent Cloud officially deactivated the public image for Windows Server 2008 R2 Enterprise Edition SP1 64-bit on March 16, 2020. Now you cannot use this image to purchase new CVM instances or reinstall CVM instances. However, the use of custom images, marketplace images, and imported images will not be affected.

2. Tencent Cloud plans to start charging custom images according to their snapshot size in Q1 2020. You can go to [snapshot list](#) and image details page to check the updated information on associated snapshots of the image.

3. Image service uses CBS snapshot for data storage. **CBS Snapshot (International) was commercialized on March 1, 2019**. Please note that you may be charged for snapshot service for your custom images. For details, please see [Snapshot Introduction](#).

4. You can adjust the policy according to your actual requirements to avoid unnecessary costs:

- When a custom image is created, a related snapshot is created automatically. To delete this snapshot, you need to delete the associated image first. Please check associated snapshots in Image Details page.
- For shared images, only the creator of the image is charged.
- Image snapshots are billed by the size of snapshots. You can check the total snapshot size in Snapshot Overview.

Create an Instance

Cross-region replication

Import Image

Delete

Separate keywords with " " and separate tags using the Enter key

Q

+

✕

ID/Name	Status	Type	Capacity	Operation System	Creation Time	Operation
img-0vd8u8dv webserver-seoul-custom-00	Normal	Custom Image	50GB	Ubuntu Server 20.04 LTS 64bit	2021-07-28 10:03:14	Create an Instance Share More

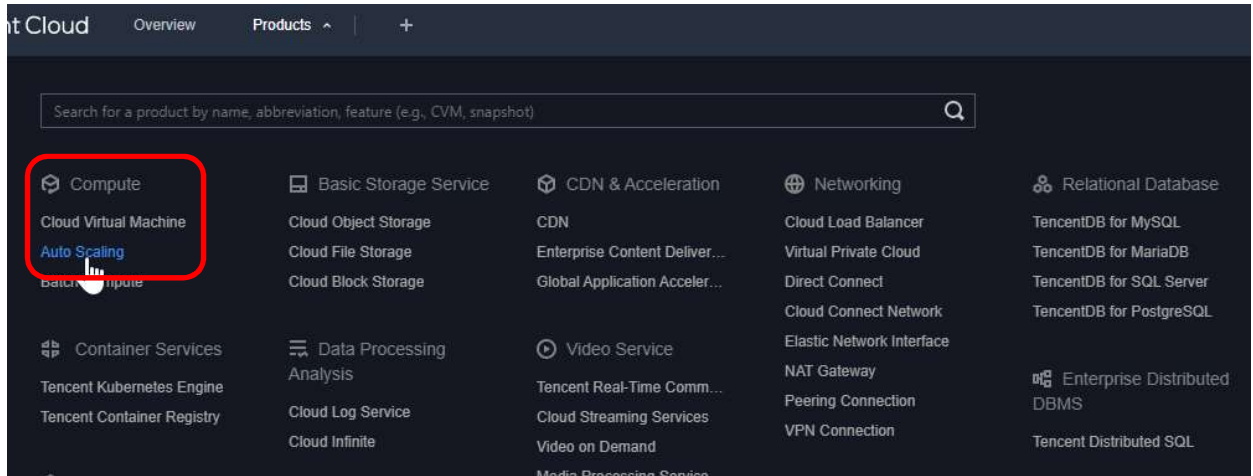
Total items: 1

20 / page

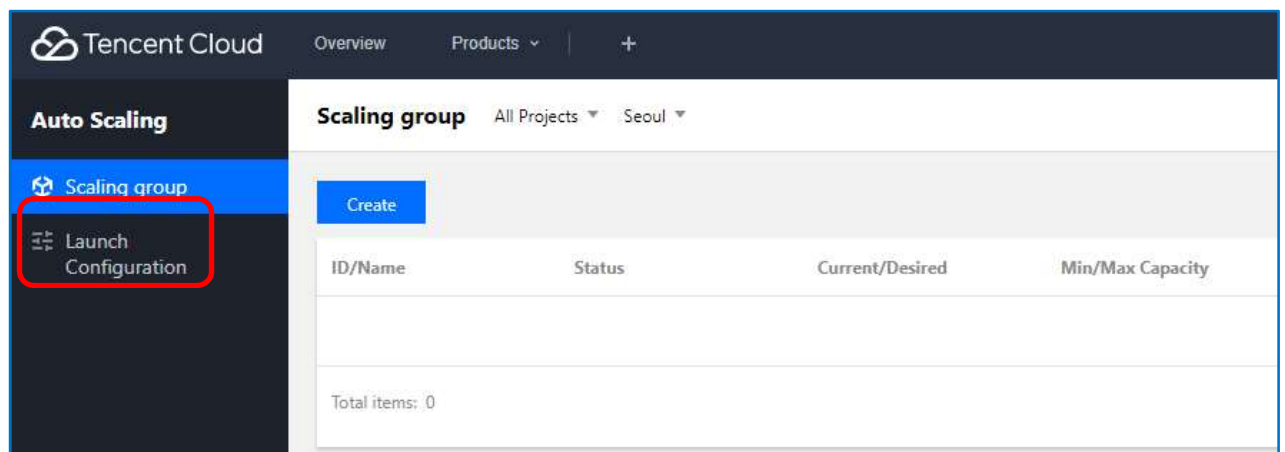
1 / 1 page

## Task2. Launch Configuration 설정하기

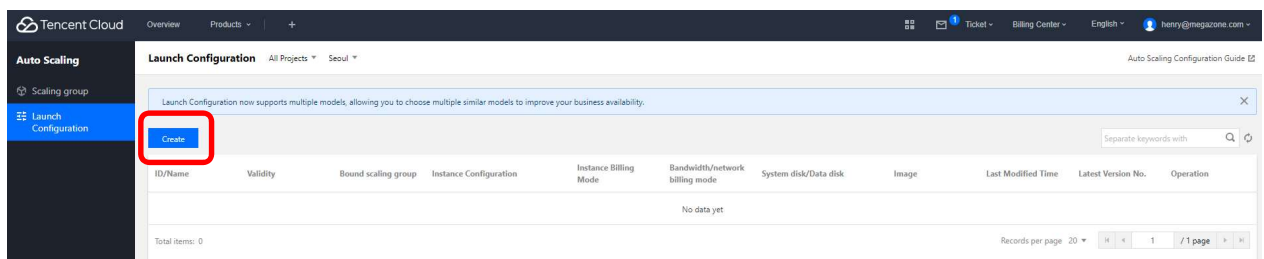
1. 먼저 **Auto Scaling**을 구성하기 위해 페이지 상단 메뉴에서 **[Products] > [Compute] > [Auto Scaling]** 메뉴를 클릭한다.



2. **[Scaling group]** 페이지이다. 먼저 좌측 메뉴에서 **[Launch Configuration]** 메뉴를 클릭한다.



3. **[Launch Configuration]** 페이지이다. 인스턴스를 필요한 순간에 생성하게 하려면, 어떤 스펙으로 인스턴스를 생성할 것인지를 미리 결정해야 한다. 그래서 **[Launch Configuration]**을 통해 생성할 인스턴스의 스펙을 결정한다. 생성하기 위해 **[Create]** 파란색 버튼을 클릭한다.



4. **[Create Launch Configuration]** 페이지이다. **CVM**을 생성하는 것처럼 모두 3단계에 걸쳐 생성된다. 먼저 1단계로 **Select Model** 단계이다. 다음의 각 값을 입력하고 **[Next:Complete Configuration]** 버튼을 클릭한다.

- ① **[Launch configuration name]** : webserver-launch-config-xx(xx는 당일 부여된 번호)
- ② **[Billing Mode]** : Pay as you go
- ③ **[Region]** : Seoul
- ④ **[Availability Zone]** : Seoul Zone 2

The screenshot shows the '1. Select Model' step of the CVM creation process. The 'Launch configuration name' field is set to 'webserver-launch-config-00'. The 'Billing Mode' is 'Pay as you go'. The 'Region' is 'Seoul'. The 'Availability Zone' is 'Seoul Zone 2', which is marked as 'NEW'.

- ⑤ **[Instance]** : Standard | Standard S5 | S5.SMALL1 | 1-core | 1GB | 0.01USD/hr

The screenshot shows the 'Instance' selection step. The 'Standard S5' instance type is selected, which is marked as 'Promo'. The 'S5.SMALL1' model is selected, which is marked as 'NEW'. The 'Fee' is 0.01USD/hr.

Model	Specifications	vCPU	MEM	CPU	Private network bandwidth	Packets In/Out	Supported Availability Zones	Note	Fee
<input checked="" type="radio"/> Standard S5	S5.SMALL1	1-core	1GB	Intel Xeon Cascade Lake 8255C/Intel Xeon Cooper Lake(2.5 GHz)	1.5Gbps	250k PPS	18 availability zone(s)	N/A	0.01USD/hr
<input type="radio"/> Standard S5	S5.SMALL2	1-core	2GB	Intel Xeon Cascade Lake 8255C/Intel Xeon Cooper Lake(2.5 GHz)	1.5Gbps	250k PPS	34 availability zone(s)	N/A	0.03USD/hr

- ⑥ **[Image]** : Custom Image | webserver-seoul-custom-img-xx(xx는 당일 부여된 번호)
- ⑦ **[System disk]** : Premium Cloud Storage 50GB
- ⑧ **[Public network bandwidth]** : By Traffic | 100Mbps

Image: **Custom Image** | webservers-ec2-custom-00 | img-0vd5u8i

Please note that instances purchased in this region cannot switch between Linux and Windows systems

System disk: Premium Cloud Storage | 50 GB | Learn more

Data disk: + Add a cloud data disk | You can add 20 data disk(s)

Public network bandwidth: ☒ Assign a dedicated public IP for free | By Traffic | Detailed Comparison

1Mbps | 5Mbps | 20Mbps | 100Mbps | 100 Mbps

Note: The traffic fee is settled on an hourly basis. When your account balance becomes negative, the service will be stopped in 2 hours.

Selected Model: S5.SMALL1(Standard S5, 1-core, 1 GB)

Configuration Fee: 0.02USD/hr (Billing Details)

Network Fee: 0.12USD/GB

Next: Complete Configuration

5. 2단계 **Complete Configuration** 단계이다. 다음의 각 값을 입력한 다음, **[Next:Confirm Configuration]** 버튼을 클릭한다.

- ① **[Project]** : userxx
- ② **[Security Groups]** : Existing Security Groups
- ③ **[Security Group Rules]** : ICMP, TCP:22, TCP:80, TCP:443

1.Select Model | 2.Complete Configuration | 3.Confirm Configuration

Project: user00

Security Groups: New security group | **Existing Security Groups** | Operation Guide

sg-43yotj5 | Custom Template-202107272

To open other ports, you can New security group

Security Group Rules: Inbound rule | Outbound rule

Source	Protocol Port	Policy	Note
0.0.0.0/0	ICMP	Allow	Allow ping command
:::0	ICMPV6	Allow	Allow ping command
0.0.0.0/0	TCP:22	Allow	Allow Linux SSH login

Next: Complete Configuration

- ④ **[Instance Name]** : 생략
- ⑤ **[Login Methods]** : Set Password
- ⑥ **[Username]** : ubuntu
- ⑦ **[Password]** : P@\$\$W0rd1234
- ⑧ **[Confirm Password]** : P@\$\$W0rd1234
- ⑨ **[Security Reinforcement]** : Enable for Free
- ⑩ **[Cloud Monitoring]** : Enable for Free

Login Methods **Set Password** SSH Key Pair Random Password Follow Image

Note: please keep your password in mind. If you forgot your password, please reset it on CVM Console.

Username: ubuntu

Password:

Confirm Password:

Security Reinforcement ☒ Enable for Free  
Install the component to activate Anti-DDoS and Cloud Workload Protection for free. [Details](#)

Cloud Monitoring ☒ Enable for Free  
FREE cloud monitoring, analysis, alarming, and server monitoring metrics (component installation required). [Details](#)

[Advanced Settings](#)

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Selected Model: S5.SMALL1(Standard S5, 1-core, 1 GB)

Configuration Fee: 0.02USD/hr ([Billing Details](#))

Network Fee: 0.12USD/GB

[Back](#) [Next: Confirm Configuration](#)

6. 마지막 3단계 **[Confirm Configuration]** 단계이다. 내용을 확인한 다음, **[Create Launch Configuration]** 주황색 버튼을 클릭한다.

1. Select Model    2. Complete Configuration    **3. Confirm Configuration**

Please make sure port 22 and the ICMP protocol are allowed in the current security group. Otherwise, you will not be able to remotely log in to or ping the CVM. [View](#)  
Keep your password in mind. If you forgot your password, reset it on the CVM console. [View](#)

▼ Region and model: Seoul Zone 2; S5.SMALL1 (Standard S5, 1-core 1 GB) [Edit](#)

▼ Image: Custom Image; webserver-seoul-custom-00 [Edit](#)

▼ Storage and Bandwidth: 50 GB system disk; By Traffic: 100Mbps [Edit](#)

▼ Security Groups: sg-43y0lj5 | Custom Template-20210727200106467 [Edit](#)

▼ Set Information: Login by password (custom) [Edit](#)

▼ Advanced Settings [Edit](#)

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Selected Model: S5.SMALL1(Standard S5, 1-core, 1 GB)

Configuration Fee: 0.02USD/hr ([Billing Details](#))

Network Fee: 0.12USD/GB

[Back](#) [Create Launch Configuration](#)

7. 잠시 후, 방금 생성한 **Launch Configuration** 이 목록에 보인다.

Launch Configuration    All Projects ▾    Seoul ▾    [Auto Scaling Configuration Guide](#)

Launch Configuration now supports multiple models, allowing you to choose multiple similar models to improve your business availability.

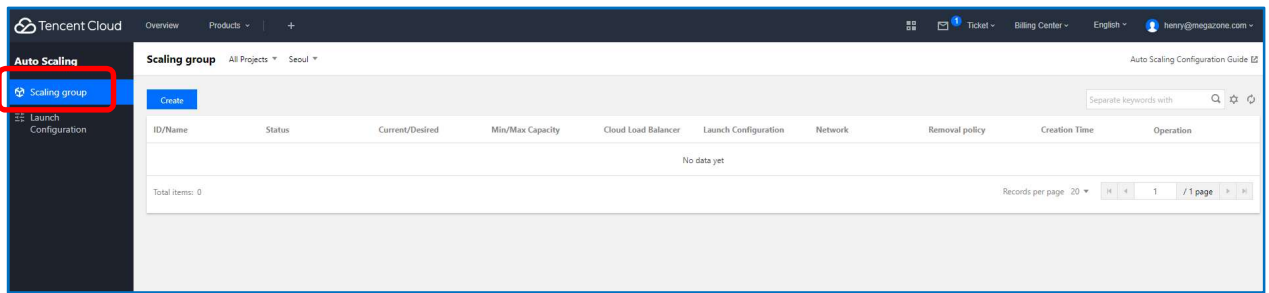
[Create](#)    Separate keywords with        [Q](#)    [+](#)

ID/Name	Validity	Bound scaling group	Instance Configuration	Instance Billing Mode	Bandwidth/network billing mode	System disk/Data disk	Image	Last Modified Time	Latest Version No.	Operation
asc-aedfag6n webserver-launch...	Valid	0	S5.SMALL1 (1 core 1GB)	Pay as you go	100 Mbps Bill by traffic	System Disk: Premium Cloud Storage 50GB	img-0vd6u8dv	2021-07-28 10:14:27	1	<a href="#">Delete</a> <a href="#">Modify image</a> <a href="#">Configure Multi-Model</a>

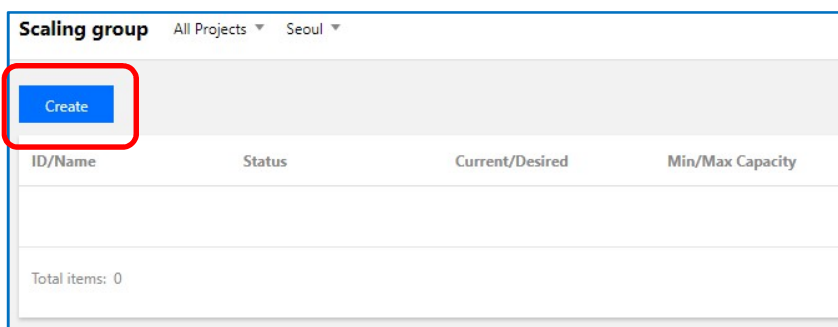
Total items: 1    Records per page: 20 ▾    [1](#) / 1 page

## Task3. Scaling Group 설정하기

1. 이제 **[Scaling group]**을 설정할 차례이다. 좌측 메뉴에서 **[Scaling group]** 메뉴를 클릭한다.



2. 새 **Scaling group**을 생성하기 위해 **[Create]** 파란색 버튼을 클릭한다.



3. **[Create scaling group]**은 3단계를 거쳐야 한다. 먼저 1단계로 **Basic Configuration** 단계이다. 각 값을 설정한 후, **[Next]** 파란색 버튼을 클릭한다.

- ① **[Name]** : lab3-scaling-grp-xx(xx는 당일 부여된 번호)
- ② **[Min Capacity]** : 1
- ③ **[Initial Capacity]** : 1
- ④ **[Max Capacity]** : 3
- ⑤ **[Launch Configuration]** : webserver-launch-config-xx(xx는 당일 부여된 번호)
- ⑥ **[Supported Network]** : lab1-vpc-xx(xx는 당일 부여된 번호)
- ⑦ **[Support subnet]** : lab1-vpc-web-subnet-xx(xx는 당일 부여된 번호)



**Create scaling group**

1 Basic Configuration > 2 Load Balancer Configuration > 3 Other configurations

Name \* lab3-scaling-grp-00

The name can contain up to 55 characters, including Chinese characters, English letters, numbers, underscores, hyphens and periods.

Project Default project

Min Capacity \*

Initial Capacity \*

Max Capacity \*

Launch Configuration \* asc-iuqczmp1 | webserver-lau... [Create launch configuration](#) [Learn More](#)

The current launch configuration has only one mode. We recommend configuring multiple similar models to reduce the risk of scale-out failures. [Configure Now](#)

Supported Network \* vpc-gvcruh9q | lab1-vpc-00 [Refresh](#)

If you don't have an available network, you can [create a VPC](#).

Support subnet \*

<input checked="" type="checkbox"/> Subnet ID	Subnet name	Availability Zone
<input checked="" type="checkbox"/> subnet-nfjhnclv	lab1-vpc-web-subnet-00	Seoul Zone 1

You can select multiple subnets. CVMs will be created in these subnets randomly when auto-scaling up is triggered, so as to implement cross-subnet disaster recovery. [Suggested Settings](#)

[Next](#)

4. 다음은 2단계 **Load Balancer Configuration** 단계이다. 각각의 값을 입력 후, **[Next:other configurations]** 파란색 버튼을 클릭한다.

- ① **[Cloud Load Balancer]** : lab2-clb-xx(xx는 당일 부여된 번호)
- ② **[Mount the listener]** : lab2-http-listener-xx(xx는 당일 부여된 번호)
- ③ **[Domain Name]** : www.example.com
- ④ **[Path URL]** : /
- ⑤ **[Instance port weight]** : 80 | 10

**Create scaling group**

1 Basic Configuration > 2 Load Balancer Configuration > 3 Other configurations

Cloud Load Balancer lab2-clb-00 [Learn More](#)

Instances created in scaling out will be mounted to the associated load balancer automatically. You can select an existing LB or [create one](#). [Learn More](#)

If you need to configure multiple load balancers, please modify the scaling group after creation.

Mount the listener lab2-http-listener-00

Domain Name \* www.example.com

Path URL \* /

Instance port weight \* 80 | 10

[Back](#) [Next: other configurations](#) [Completed](#)

5. 다음 단계는 마지막 3단계로 **Other configurations** 단계이다. 각각의 값을 설정한 후, **[Completed]** 파란색 버튼을 클릭한다.

① **[Removal policy]** : Remove the latest instances

② **[Instance Creation Policy]** : Preferred Availability Zones(Subnets) First

**Create scaling group**

Basic Configuration > Load Balancer Configuration > **Other configurations**

Removal policy: Remove the latest instances ⓘ

Instance Creation Policy: Preferred Availability Zones (Subnets) First ⓘ

Tag Configuration

Tag key	Tag value	Operation
Select a tag key	Select a tag value	Delete

Add

If the current tags/tag values are not applicable, please go to the console to [create one](#).

Back Completed

6. 이제 **[Scaling group]** 목록에 방금 생성한 **Scaling group**이 올라온 것을 확인할 수 있다.

**Scaling group** All Projects ▾ Seoul ▾ Auto Scaling Configuration Guide

Create

Separate keywords with

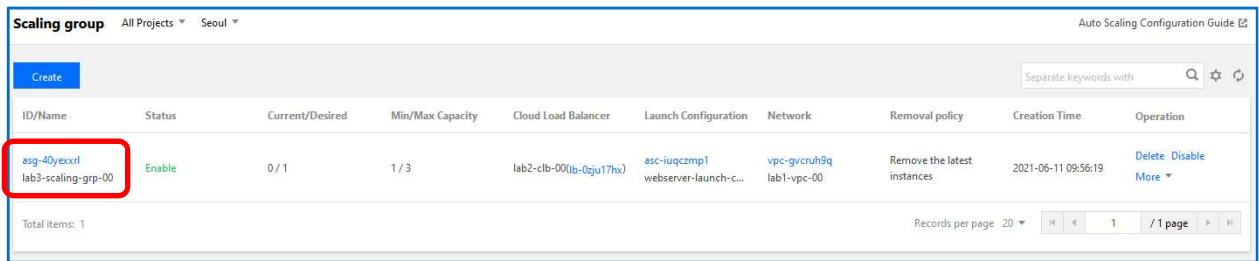
ID/Name	Status	Current/Desired	Min/Max Capacity	Cloud Load Balancer	Launch Configuration	Network	Removal policy	Creation Time	Operation
asg-40yeoxrl lab3-scaling-grp-00	Enable	0 / 1	1 / 3	lab2-clb-00(lb-0gju17hx)	asc-iuqczmp1 webserver-launch-c...	vpc-gvcruh9q lab1-vpc-00	Remove the latest instances	2021-06-11 09:56:19	Delete Disable More ▾

Total items: 1

Records per page: 20 1 / 1 page

## Task4. Scaling Policy 생성하기

1. [Scaling group] 목록에서 방금 생성한 **group**을 클릭한다.



Scaling group

Create

Separate keywords with

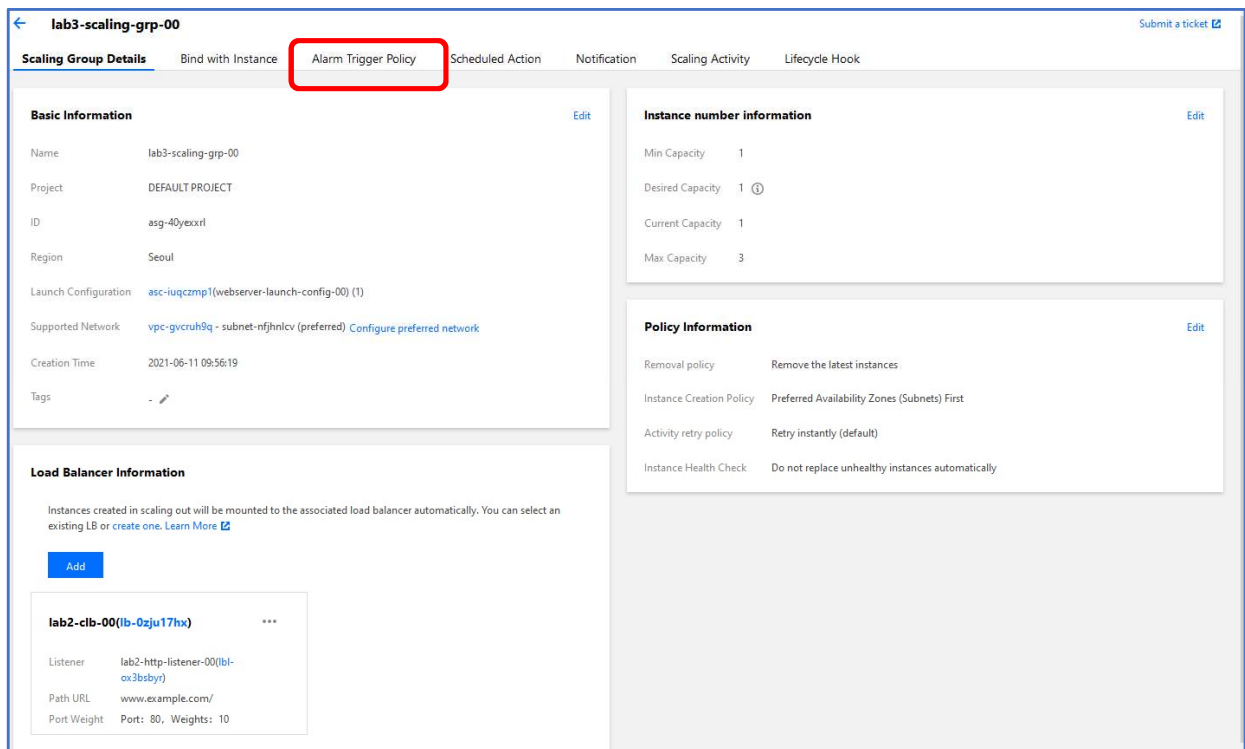
ID/Name	Status	Current/Desired	Min/Max Capacity	Cloud Load Balancer	Launch Configuration	Network	Removal policy	Creation Time	Operation
asg-40yexrl lab3-scaling-grp-00	Enable	0 / 1	1 / 3	lab2-clb-00(lb-0zju17hx)	asc-iuqczmp1 webserver-launch-c...	vpc-gvcruh9q lab1-vpc-00	Remove the latest instances	2021-06-11 09:56:19	Delete Disable More

Total items: 1

Records per page 20

1 / 1 page

2. 해당 **group**의 상세 페이지가 나타나면, 상단 메뉴 중 [Alarm Trigger Policy] 메뉴를 클릭한다.



lab3-scaling-grp-00

Submit a ticket

Scaling Group Details Bind with Instance Alarm Trigger Policy Scheduled Action Notification Scaling Activity Lifecycle Hook

**Basic Information** Edit

Name lab3-scaling-grp-00

Project DEFAULT PROJECT

ID asg-40yexrl

Region Seoul

Launch Configuration asc-iuqczmp1(webserver-launch-config-00) (1)

Supported Network vpc-gvcruh9q - subnet-nfjhnvcv (preferred) Configure preferred network

Creation Time 2021-06-11 09:56:19

Tags

**Load Balancer Information**

Instances created in scaling out will be mounted to the associated load balancer automatically. You can select an existing LB or create one. Learn More

Add

lab2-clb-00(lb-0zju17hx) \*\*\*

Listener lab2-http-listener-00(bl-ox3tsbyr)

Path URL www.example.com/

Port Weight Port: 80, Weights: 10

**Instance number information** Edit

Min Capacity 1

Desired Capacity 1 ⓘ

Current Capacity 1

Max Capacity 3

**Policy Information** Edit

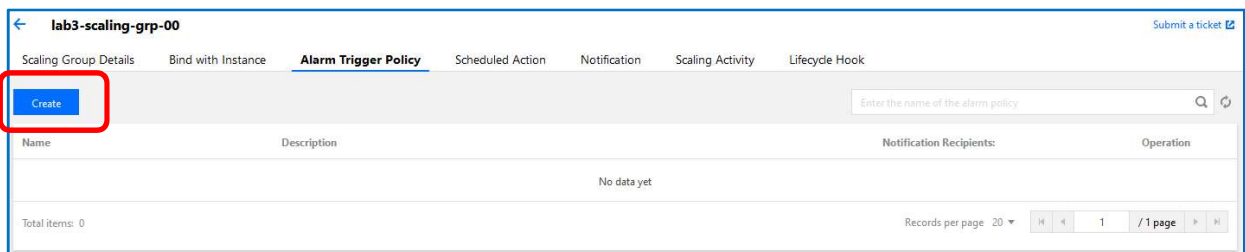
Removal policy Remove the latest instances

Instance Creation Policy Preferred Availability Zones (Subnets) First

Activity retry policy Retry instantly (default)

Instance Health Check Do not replace unhealthy instances automatically

3. [Alarm Trigger Policy] 페이지에서 새 **Policy**를 생성하기 위해 [Create] 파란색 버튼을 클릭한다.



lab3-scaling-grp-00

Submit a ticket

Scaling Group Details Bind with Instance Alarm Trigger Policy Scheduled Action Notification Scaling Activity Lifecycle Hook

Create

Enter the name of the alarm policy

Name	Description	Notification Recipients	Operation
No data yet			

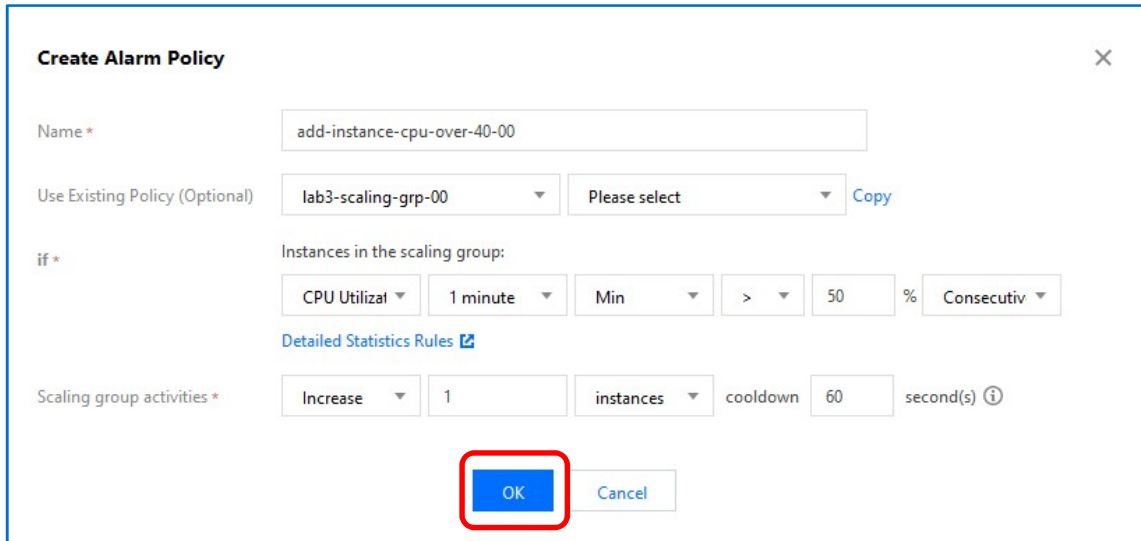
Total items: 0

Records per page 20

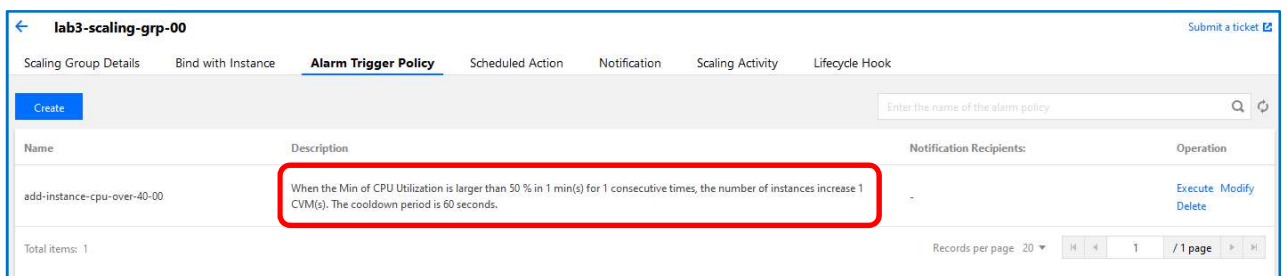
1 / 1 page

4. [Create Alarm Policy] 페이지이다. 각각의 값을 입력한 후, [OK] 파란색 버튼을 클릭한다.

- ① [Name] : add-instance-cpu-over-40-xx(xx는 당일 부여된 번호)
- ② [Use Existing Policy (Optional)] : lab3-scaling-grp-xx(xx는 당일 부여된 번호)
- ③ [if] : CPU Utilization | 1 minute | Min | > | 50 | Consecutive 1 time
- ④ [Scaling group activities] : Increase | 1 | instances | cooldown | 60 second(s)



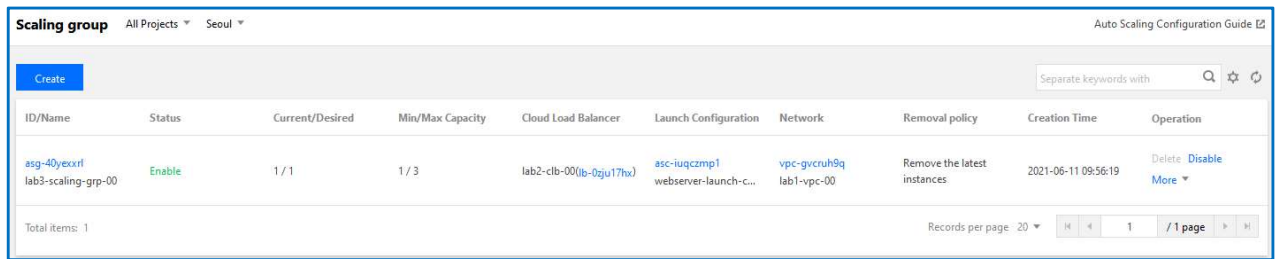
5. [Alarm Trigger Policy] 목록에 방금 생성한 Policy를 확인할 수 있다. [Description]을 보면 **When the Min of CPU Utilization is larger than 50 % in 1 min(s) for 1 consecutive times, the number of instances increase 1 CVM(s). The cooldown period is 60 seconds.** 즉, CPU의 최소 사용량이 1분동안 50%를 초과하면 가상 머신(인스턴스) 1개 증가한다. 쿨다운 시간은 60초이다. 로 설정한 것을 확인할 수 있다.



Name	Description	Notification Recipients	Operation
add-instance-cpu-over-40-00	When the Min of CPU Utilization is larger than 50 % in 1 min(s) for 1 consecutive times, the number of instances increase 1 CVM(s). The cooldown period is 60 seconds.	-	Execute Modify Delete

## Task5. Auto Scaling 테스트하기

1. [Auto Scaling] 페이지에서 [Scaling group] 메뉴를 클릭한다.



Scaling group All Projects ▼ Seoul ▼

Create

Separate keywords with

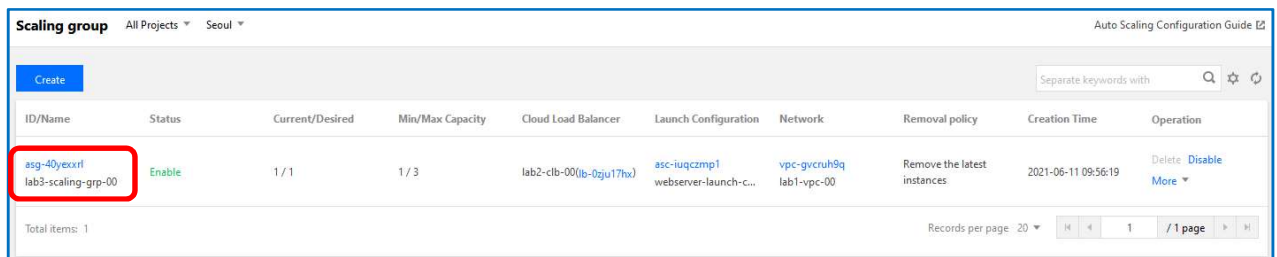
ID/Name	Status	Current/Desired	Min/Max Capacity	Cloud Load Balancer	Launch Configuration	Network	Removal policy	Creation Time	Operation
asg-40yexrf lab3-scaling-grp-00	Enable	1 / 1	1 / 3	lab2-clb-00(lb-0zju17hx)	asc-iuqczmp1 webserver-launch-c...	vpc-gvcruh9q lab1-vpc-00	Remove the latest instances	2021-06-11 09:56:19	Delete Disable More

Total items: 1

Records per page: 20

1 / 1 page

2. 목록에서 생성한 **Scaling group**의 이름을 클릭한다.



Scaling group All Projects ▼ Seoul ▼

Create

Separate keywords with

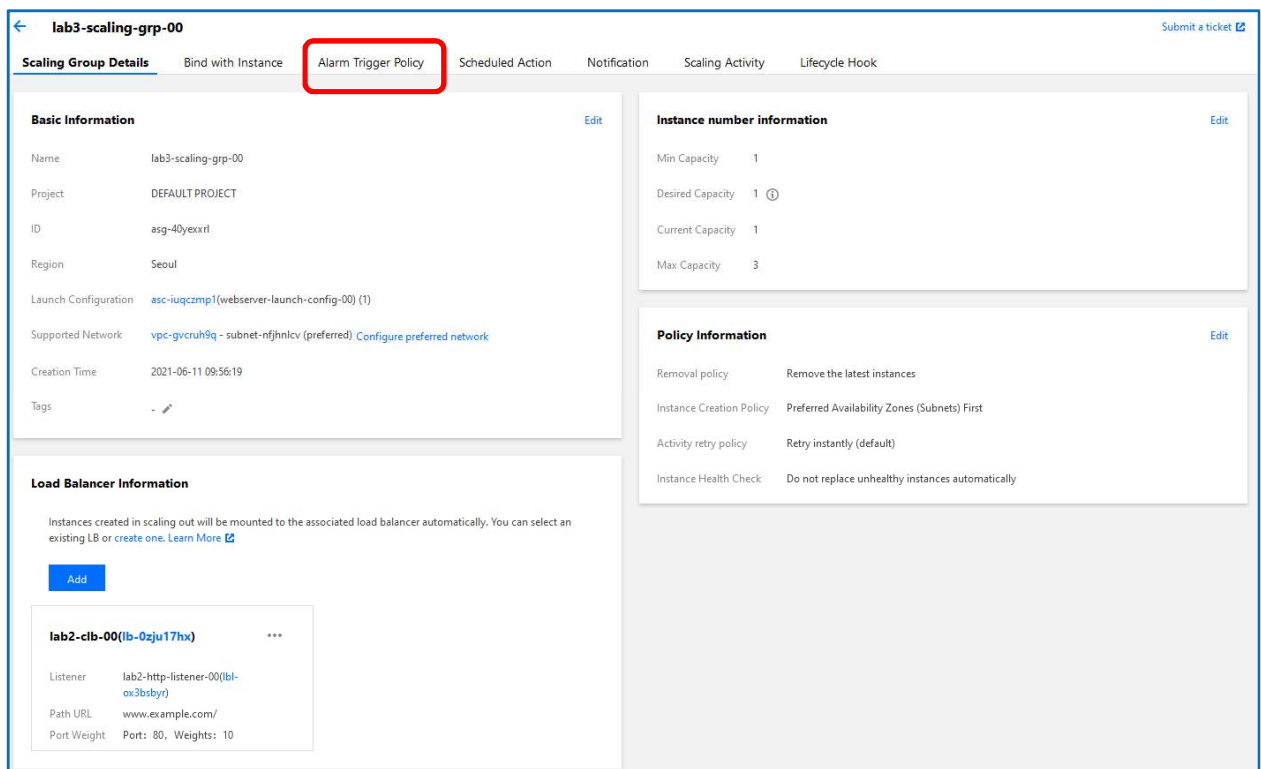
ID/Name	Status	Current/Desired	Min/Max Capacity	Cloud Load Balancer	Launch Configuration	Network	Removal policy	Creation Time	Operation
asg-40yexrf lab3-scaling-grp-00	Enable	1 / 1	1 / 3	lab2-clb-00(lb-0zju17hx)	asc-iuqczmp1 webserver-launch-c...	vpc-gvcruh9q lab1-vpc-00	Remove the latest instances	2021-06-11 09:56:19	Delete Disable More

Total items: 1

Records per page: 20

1 / 1 page

3. 해당 **Scaling group**의 상세페이지가 나타나면, 상단 메뉴에서 [Alarm Trigger Policy]를 클릭한다.



lab3-scaling-grp-00

Submit a ticket

Scaling Group Details Bind with Instance Alarm Trigger Policy Scheduled Action Notification Scaling Activity Lifecycle Hook

**Basic Information** Edit

Name lab3-scaling-grp-00

Project DEFAULT PROJECT

ID asg-40yexrf

Region Seoul

Launch Configuration asc-iuqczmp1(webserver-launch-config-00) (1)

Supported Network vpc-gvcruh9q - subnet-nfjnlcv (preferred) Configure preferred network

Creation Time 2021-06-11 09:56:19

Tags

**Load Balancer Information**

Instances created in scaling group will be mounted to the associated load balancer automatically. You can select an existing LB or create one. Learn More

Add

lab2-clb-00(lb-0zju17hx)

Listener lab2-http-listener-00(lb-ox3bsbyr)

Path URL www.example.com/

Port Weight Port: 80, Weights: 10

**Instance number information** Edit

Min Capacity 1

Desired Capacity 1 ⓘ

Current Capacity 1

Max Capacity 3

**Policy Information** Edit

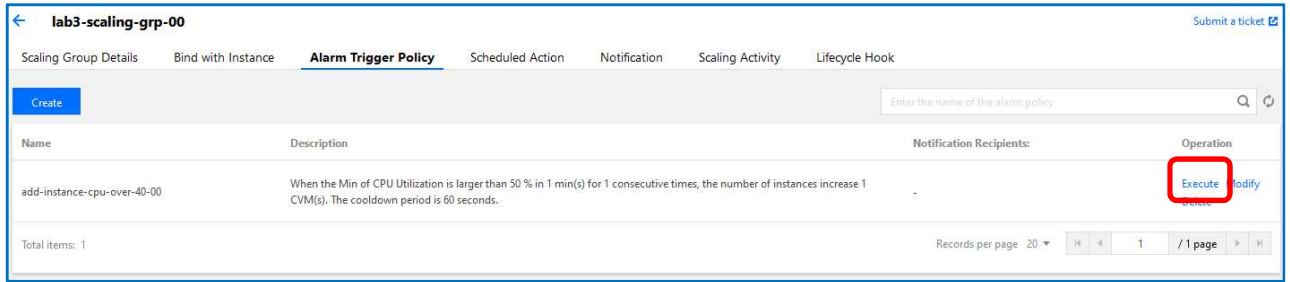
Removal policy Remove the latest instances

Instance Creation Policy Preferred Availability Zones (Subnets) First

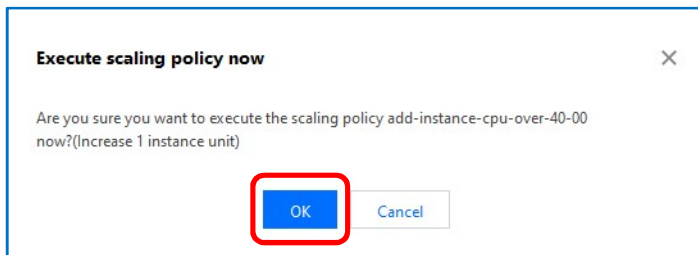
Activity retry policy Retry instantly (default)

Instance Health Check Do not replace unhealthy instances automatically

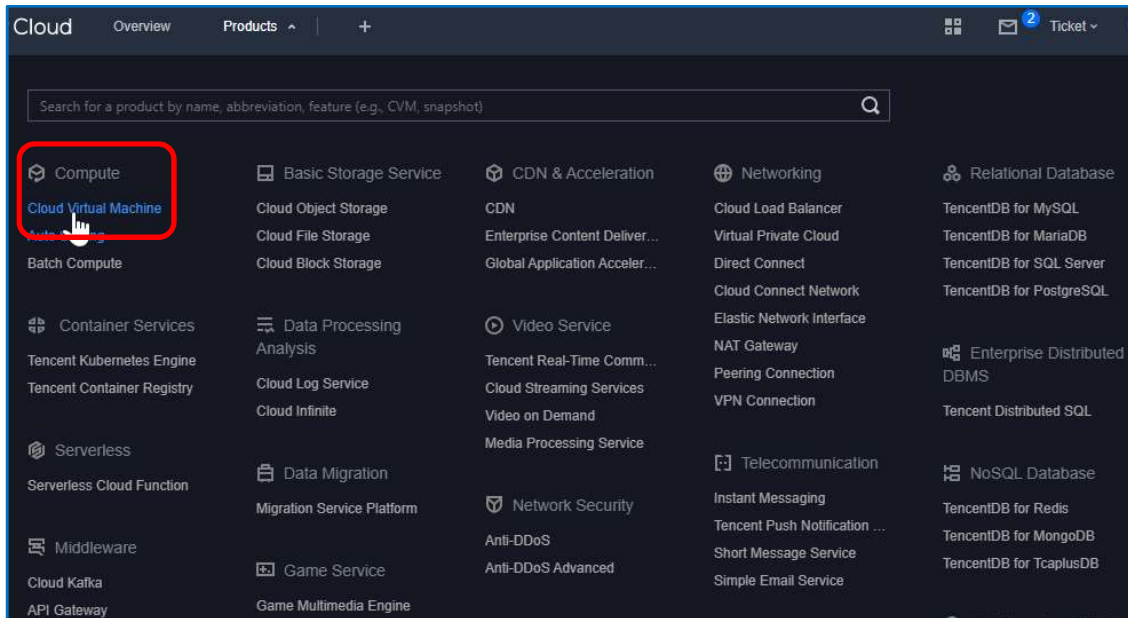
4. 목록에서 방금 생성한 **Policy**를 찾고, 해당 **Policy**의 제일 오른쪽의 **[Operation]** 중 **[Execute]** 링크를 클릭한다.



5. **[Execute scaling policy now]** 창이 나타나면, **[OK]** 파란색 버튼을 클릭한다.



6. 확인을 위해, 페이지 상단 메뉴의 **[Products]** > **[Compute]** > **[Cloud Virtual Machine]** 클릭하여 해당 페이지로 이동한다.



7. 인스턴스가 추가된 것을 확인할 수 있다.

Create Start Up Shutdown Restart Reset Password More Actions										
Separate keywords with " ", and separate tags using the Enter key										
View instances pending reposition										
ID/Name	Monitoring	Status	Availability Zone	Instance Type	Instance Configuration	Primary IPv4	Instance Billing Mode	Network Billing Mode	Project	Operation
<input type="checkbox"/> ins-bbhve4ug as-lab3-scaling-grp-00		Running	Seoul Zone 2	Standard 55	1-core 1GB 100Mbps System disk: Premium Cloud Storage Network: lab1-vpc-00	119.28.159.200 (Public) 10.0.1.8 (Private)	Pay-as-you-go Created at 2021-07-28 10:30:45	Bill by traffic	Default Project	Log In More
<input type="checkbox"/> ins-c74rfboc as-lab3-scaling-grp-00		Running	Seoul Zone 2	Standard 55	1-core 1GB 100Mbps System disk: Premium Cloud Storage Network: lab1-vpc-00	150.109.246.203 (Public) 10.0.1.13 (Private)	Pay-as-you-go Created at 2021-07-28 10:27:53	Bill by traffic	Default Project	Log In More
<input type="checkbox"/> ins-8kizshdn webserver-pusan-00		Running	Seoul Zone 2	Standard 55	1-core 1GB 90Mbps System disk: Premium Cloud Storage Network: lab1-vpc-00	150.109.247.142 (EIP) 10.0.1.12 (Private)	Pay-as-you-go Created at 2021-07-28 09:20:10	Bill by traffic	user00	Log In More
<input type="checkbox"/> ins-ax0mfjx webserver-seoul-00		Running	Seoul Zone 2	Standard 55	1-core 1GB 100Mbps System disk: Premium Cloud Storage Network: lab1-vpc-00	150.109.237.251 (EIP) 10.0.1.9 (Private)	Pay-as-you-go Created at 2021-07-27 20:01:23	Bill by traffic	user00	Log In More

8. 메일과 핸드폰 문자로(메일 및 핸드폰 등록시) 새 인스턴스가 증가된 것을 확인할 수 있다.

**Tencent Cloud**

**CVM Created Successfully**

Dear Tencent Cloud user,  
Your (Account ID: 200018656283, Name: [henry@megazone.com](mailto:henry@megazone.com)) CVM (1 in total) is created successfully.

The operating system is webserver-seoul-custom-image and the default account is ubuntu. If you forgot the password, please reset it on Console.

Resource ID/Name	Resource Configuration	Status
ins-6ps1bfen as-lab3-scaling-group	Zone ap-seoul-1  Configuration S3/1Core/1GB/100Mbps  System Disk CLOUD_PREMIUM/50GB  Network Type Virtual Private Cloud  IP Address 119.28.232.26(Public IP) 10.0.1.11(Private IP)	SUCCESS

Notes:  
1. For the CVM login (from Windows/Linux) and system reinstallation, please see the [CVM operation guide](#).

Thank you!  
Tencent Cloud

00986100001 >

CVM is (1 in total) created successfully. For more information, please visit the Tencent Cloud console.

Untitled [Web발신]  
Dear Tencent Cloud user, your (Account ID: 200018656283, Name: [henry@megazone.com](mailto:henry@megazone.com)) CVM is (1 in total) created successfully. For more information, please visit the Tencent Cloud console.

문자 메시지