

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

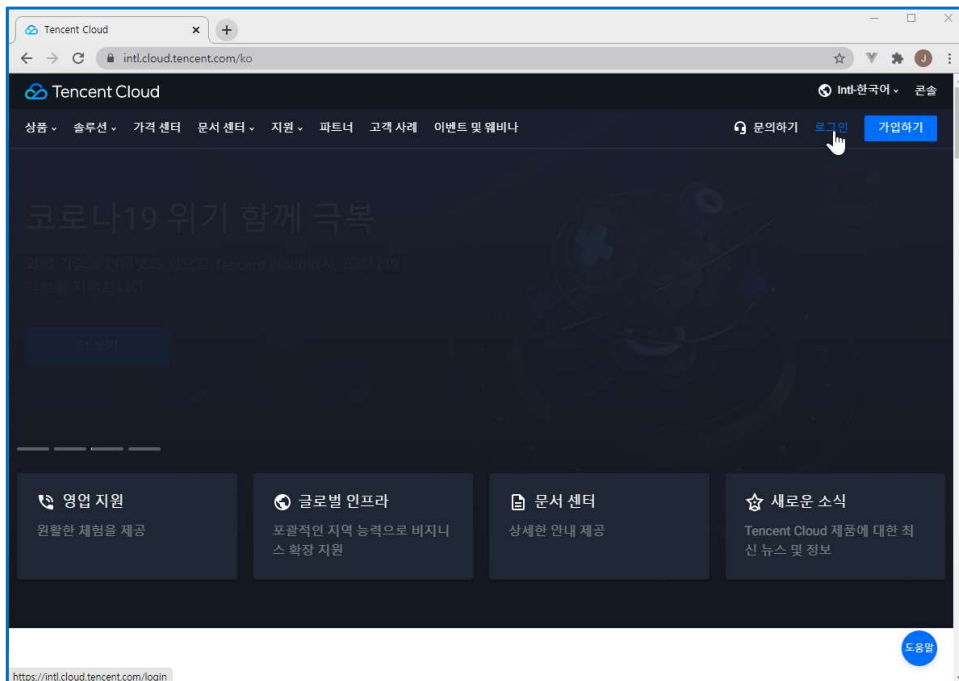
- Tencent Cloud Account

3. 목차

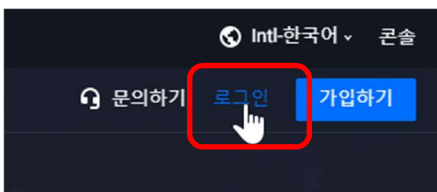
- Task1. Auto Scaling을 구성하기 전 사전 준비하기
- Task2. Launch Configuration 구성하기
- Task3. Scaling Group 설정하기
- Task4. Scaling Policy 생성하기
- Task5. Auto Scaling 테스트하기

Task1. Auto Scaling을 구성하기 전 사전 준비하기

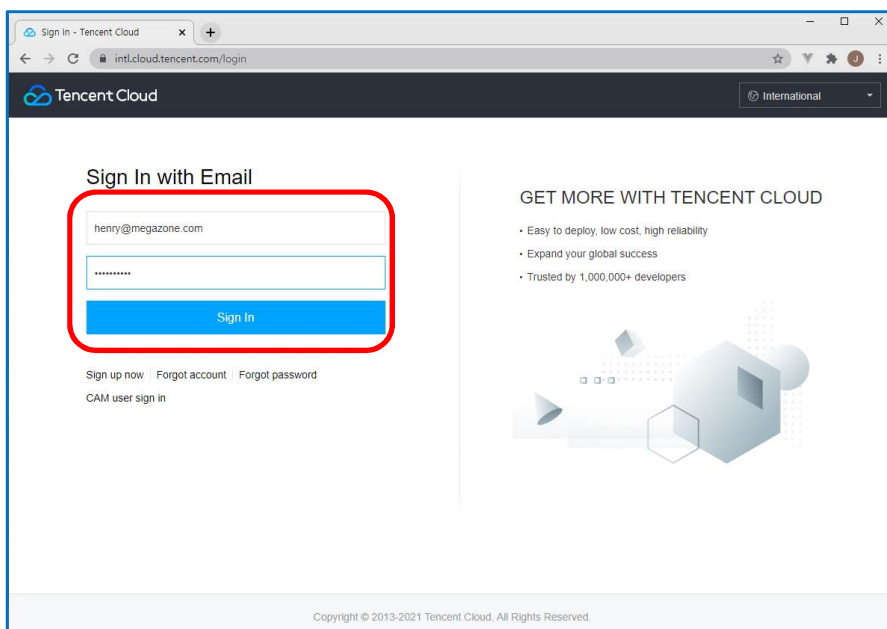
1. Tencent Cloud 한국어 홈페이지를 방문한다. <https://intl.cloud.tencent.com/ko>



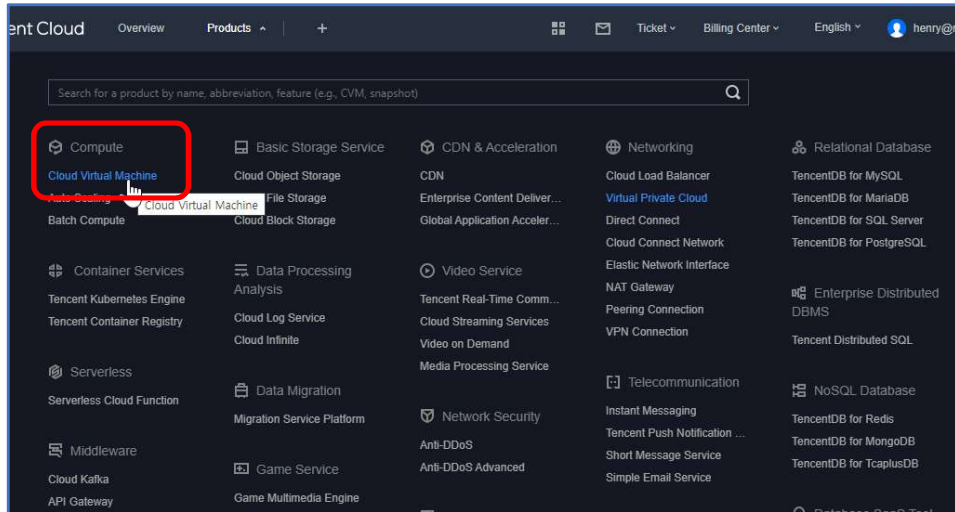
2. 이미 가입한 계정으로 로그인하기 위해 페이지 우측 상단의 [로그인] 링크를 클릭한다.



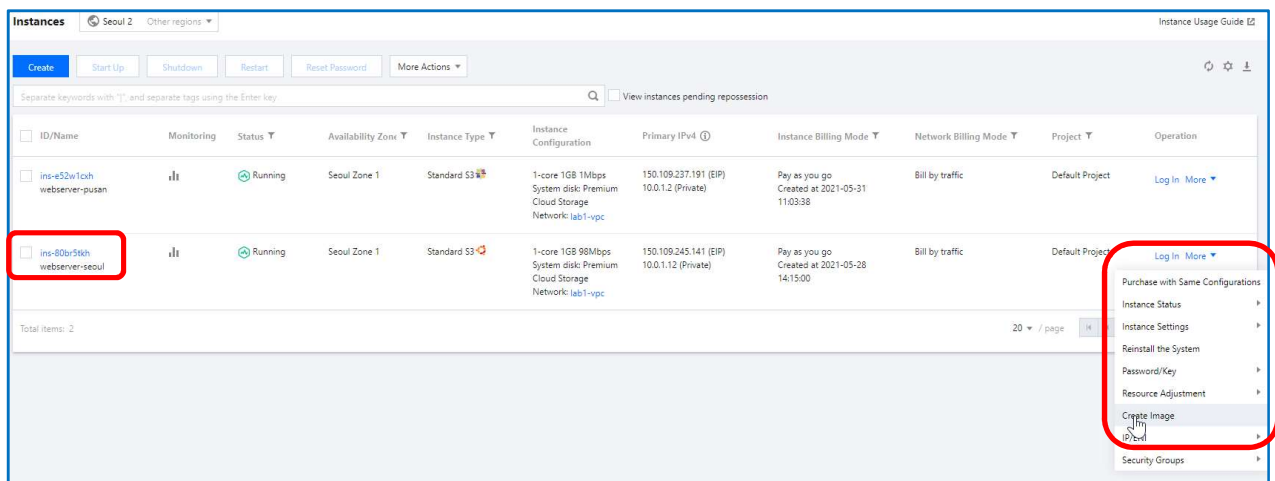
3. [Sign in] 페이지에서 [Sign In with Email]에 여러분의 아이디(Email형식)과 패스워드를 입력하고 [Sign In] 파란색 버튼을 클릭한다.



4. Lab1에서 생성한 **webserver-seoul** 인스턴스를 이용해서 **Custom Image**로 만드는 작업을 한다. 페이지 상단의 메뉴 중 **[Products]** > **[Compute]** > **[Cloud Virtual Machine]**을 클릭한다.



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



6. **[Create custom image]** 페이지이다. **[Image Name]**에 **webserver-seoul-custom-image** 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-80br5tkh webserver-seoul	Standard S3	1-core 1GB 98Mbps System disk: Premium Cloud Storage Network: vpc-9ert64x8

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-image

Supports only letters, numbers and hyphens

Description

You can enter 60 more characters.

Create Image

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

Tencent Cloud

Overview Products +

Ticket Billing Center English henry@megazone.com

Cloud Virtual Machine

Instances Placement Group

Images

Auto Scaling

Cloud Block Storage

Snapshots

SSH Key

Security Groups

EIP

Service Migration

Recycle Bin

Images

Seoul

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

img-76tq8wr

Normal

Custom Image

50GB

Ubuntu Server 20.04 LTS 64bit

2021-05-31 16:56:06

Create an Instance Share More

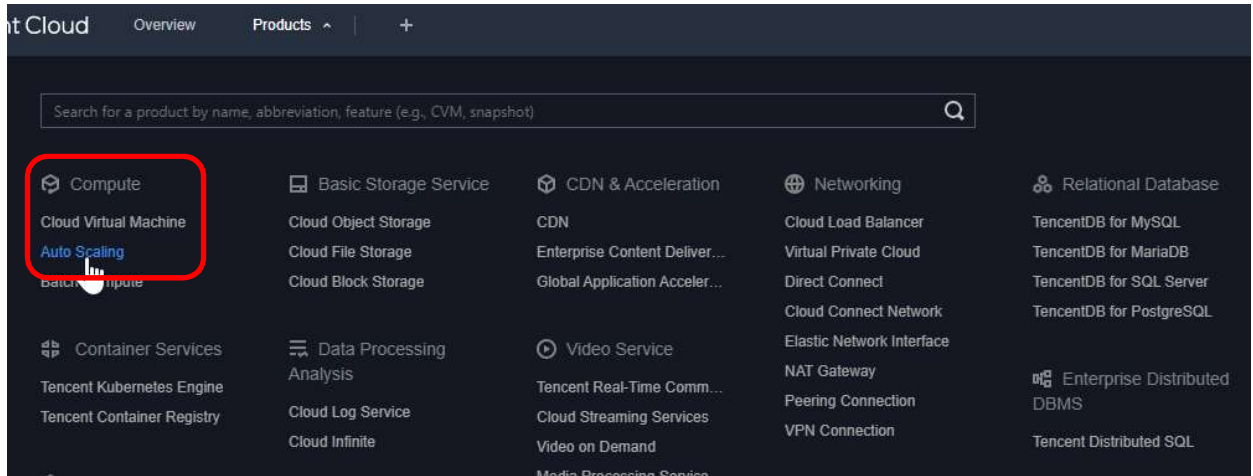
webserver-seoul-custom-image

1

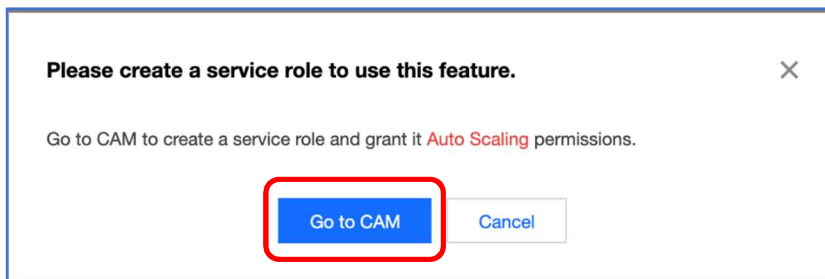
20 / 1 page

Task2. Launch Configuration 설정하기

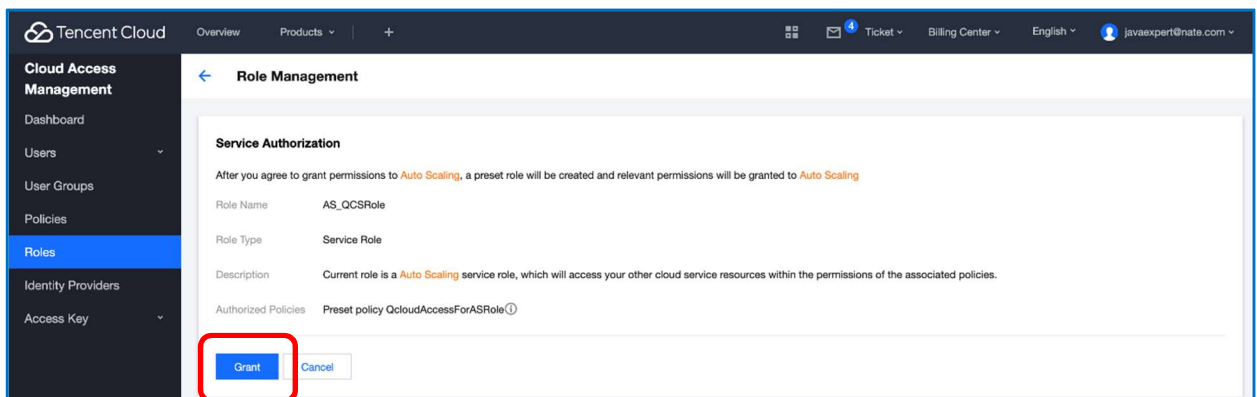
1. 먼저 **Auto Scaling**을 구성하기 위해 페이지 상단 메뉴에서 **[Products] > [Compute] > [Auto Scaling]** 메뉴를 클릭한다.



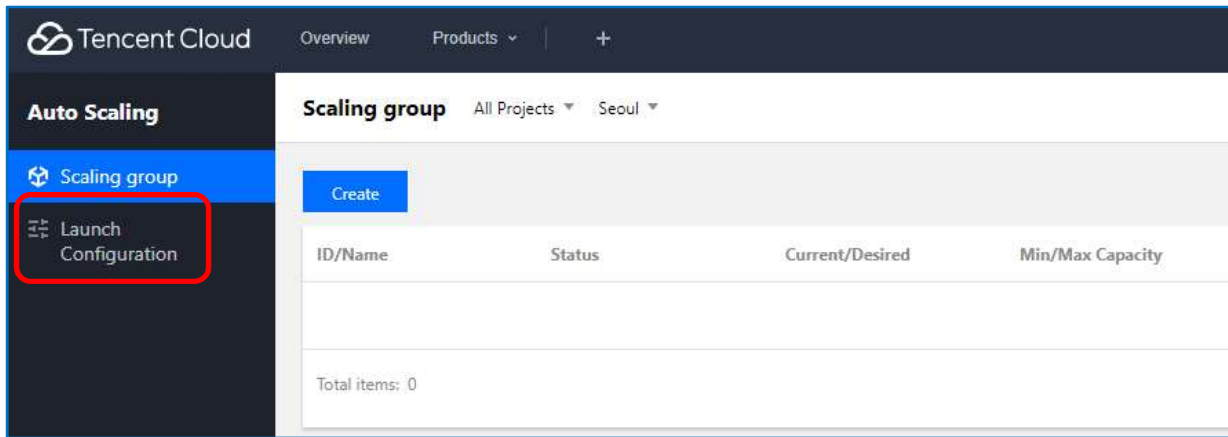
2. Auto Scaling을 위한 CAM 권한이 요구된다. 다음과 같은 메시지 창이 나타나면 **[Go to CAM]** 파란색 버튼을 클릭한다.



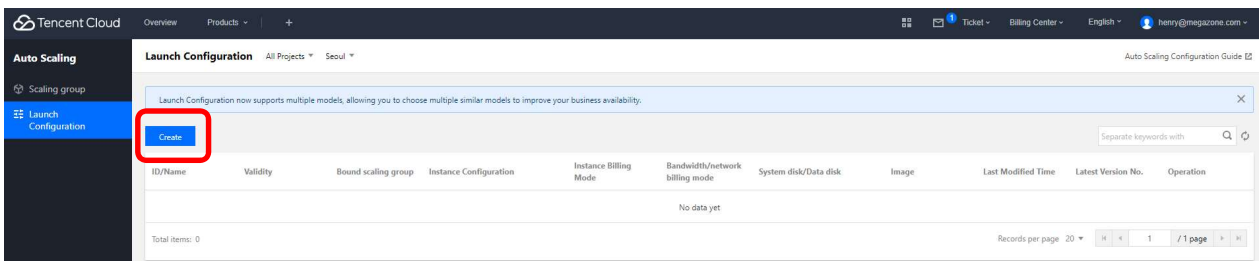
3. **[Cloud Access Management]**의 **[Roles]** 페이지로 이동한다. 해당 권한을 확인하고, **[Grant]** 파란색 버튼을 클릭한다.



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



5. **[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.



6. **[Create Launch Configuration]** 페이지이다. CVM을 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
- ② **[Billing Mode]** : Pay as you go
- ③ **[Region]** : Seoul
- ④ **[Availability Zone]** : Seoul Zone 1

1.Select Model

2.Complete Configuration

3.Confirm Configuration

Launch configuration name

webserver-launch-config

You can enter 37 characters

Billing Mode

Pay as you go

Spot Instances

Detailed Comparison

Region

Seoul

Availability Zone

All AZs

Seoul Zone 1

Seoul Zone 2

NEW

The information of AZ is not included in the launch configuration. The AZ selected here is only used to list available instance types in the selected AZ.

⑤ **[Instance] : Standard | Standard S3 | S3.SMALL1 | 1-core | 1GB | 0.02USD/hr**

Model	Specifications	vCPU	MEM	CPU	Private network bandwidth	Packets In/Out	Supported Availability Zones	Note	Fee
<input checked="" type="radio"/> Standard S3	S3.SMALL1	1-core	1GB	Intel Xeon Skylake 6133(2.5 GHz)	1.5Gbps	200k PPS	8 availability zone(s)	N/A	0.02USD/hr
<input type="radio"/> Standard S3	S3.SMALL2	1-core	2GB	Intel Xeon Skylake 6133(2.5 GHz)	1.5Gbps	200k PPS	3 availability zone(s)	N/A	0.04USD/hr
<input type="radio"/> Standard S3	S3.SMALL4	1-core	4GB	Intel Xeon Skylake 6133(2.5 GHz)	1.5Gbps	200k PPS	8 availability zone(s)	N/A	0.06USD/hr

⑥ **[Image] : Custom Image | webserver-seoul-custom-image**

⑦ **[System disk] : Premium Cloud Storage 50GB**

⑧ **[Public network bandwidth] : By Traffic | 100Mbps**

Selected Model: S3.SMALL1(Standard S3, 1-core, 1 GB)

Configuration Fee: 0.03USD/hr (Billing Details)

Network Fee: 0.12USD/GB

Next: Complete Configuration

7. 2단계 **Complete Configuration** 단계이다. 다음의 각 값을 입력한 다음, **[Next:Confirm Configuration]** 버튼을 클릭한다.

① **[Project] : DEFAULT PROJECT**

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
DEFAULT PROJECT

Security Groups
New security group
Existing Security Groups
Operation Guide

sg-4noznpuh | Custom Template-2021052

To open other ports, you can
New security group

Security Group Rules
Inbound rule
Outbound rule

Source	Protocol Port	Policy	Note
172.16.0.0/12	ALL	Allow	Allow private access (VPC)
192.168.0.0/16	ALL	Allow	Allow private access (VPC)
0.0.0.0/0	TCP:80	Allow	Allow web service ports
:::0	TCP:80	Allow	Allow web service ports

- ④ [Login Methods] : Set Password
- ⑤ [Username] : ubuntu
- ⑥ [Password] : P@\$W0rd1234
- ⑦ [Confirm Password] : P@\$W0rd1234
- ⑧ [Security Reinforcement] : Enable for Free
- ⑨ [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

Selected Model
S3.SMALL1(Standard S3, 1-core, 1 GB)

Configuration Fee
0.03USD/hr (Billing Details)
Network Fee
0.12USD/GB

Back
Next: Confirm Configuration

8. 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 1; S3.SMALL1 (Standard S3, 1-core 1 GB)

Edit

▼ Image

Custom Image; webserver-seoul-custom-image

Edit

▼ Storage and Bandwidth

50 GB system disk; By Traffic; 100Mbps

Edit

▼ Security Groups

sg-4noznpuh | Custom Template-20210528141444684

Edit

▼ Set Information

Login by password (custom)

Edit

▼ Advanced Settings

Edit

Selected Model

S3.SMALL1(Standard S3, 1-core, 1 GB)

Configuration Fee **0.03USD/hr** ([Billing Details](#))

Network Fee **0.12USD/GB**

Back

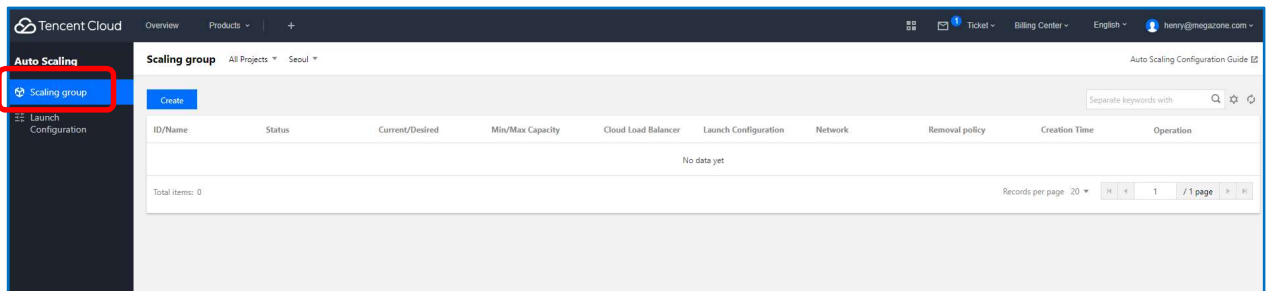
Create Launch Configuration

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

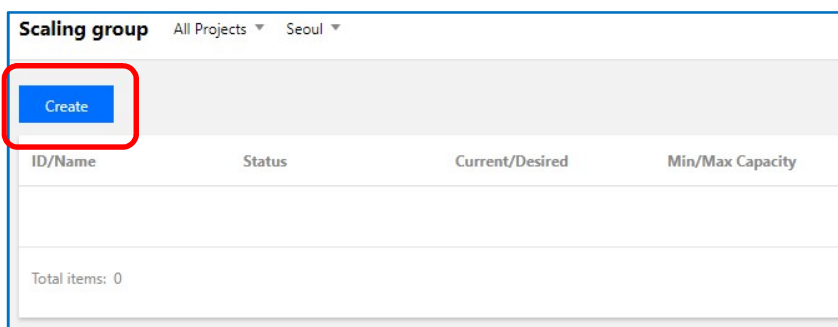
Launch Configuration										Auto Scaling Configuration Guide E2
Launch Configuration now supports multiple models, allowing you to choose multiple similar models to improve your business availability.										×
Create										<input type="text" value="Separate keywords with"/> Q +
ID/Name	Validity	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-9lon7zpr webserver-launch-co...	Valid	0	S3.SMALL1 (1 core 1GB)	Pay as you go	100 Mbps Bill by traffic	System Disk: Premium Cloud Storage 50GB	img-76tqz8wr	2021-05-31 18:20:12	1	Delete Modify image Configure Multi-Model
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-group
- ② **[Min Capacity]** : 1
- ③ **[Initial Capacity]** : 1
- ④ **[Max Capacity]** : 3
- ⑤ **[Launch Configuration]** : webserver-launch-config
- ⑥ **[Supported Network]** : lab1-vpc
- ⑦ **[Support subnet]** : lab1-vpc-web-subnet

Create scaling group

×

1 Basic Configuration

>

2 Load Balancer Configuration

>

3 Other configurations

Name *

lab3-scaling-group

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

Project

Default project

Min Capacity *

−

1

+

ⓘ

Initial Capacity *

−

1

+

ⓘ

Max Capacity *

−

3

+

ⓘ

Launch Configuration *

asc-9lon7zpr | webserver-lau...

Create launch configuration ⓘ ⓘ

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-9ert64x8 | lab1-vpc

↻

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-im58hi7n	lab1-vpc-web-subnet	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
- ② **[Mount the listener]** : lab2-http-listener
- ③ **[Domain Name]** : www.example.com
- ④ **[Path URL]** : /
- ⑤ **[Instance port weight]** : 80 | 10

Create scaling group

×

✓ Basic Configuration

>

2 Load Balancer Configuration

>

3 Other configurations

Cloud Load Balancer

lab2-clb ⓘ

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

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.

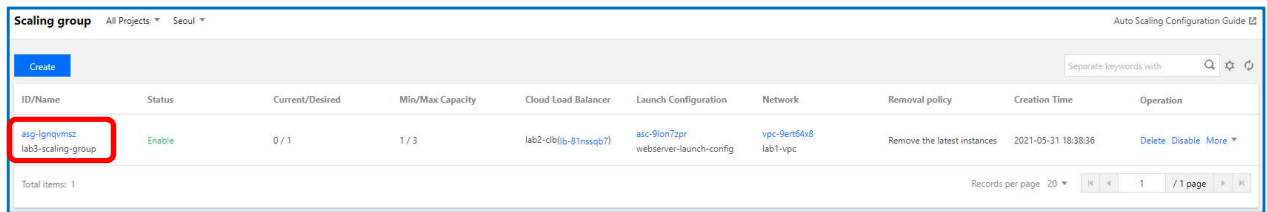
ID/Name	Status	Current/Desired	Min/Max Capacity	Cloud Load Balancer	Launch Configuration	Network	Removal policy	Creation Time	Operation
asg-igqvmtst lab3-scaling-group	Enable	0 / 1	1 / 3	lab2-clb(lu-81nssqb7)	asc-9lon7zpr webserver-launch-config	vpc-9ent64x8 lab1-vpc	Remove the latest instances	2021-05-31 18:38:36	Delete Disable More

Total items: 1

Records per page: 20 1 / 1 page

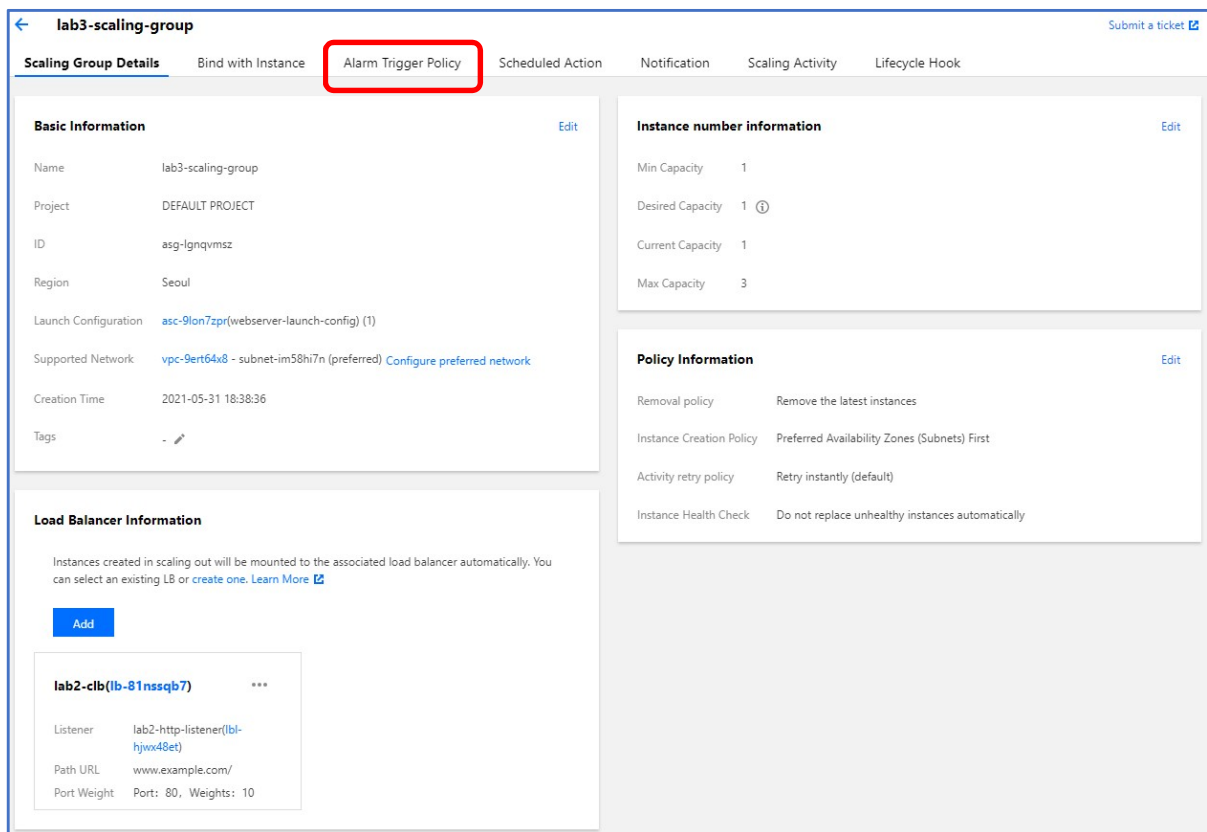
Task4. Scaling Policy 생성하기

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



ID/Name	Status	Current/Desired	Min/Max Capacity	Cloud Load Balancer	Launch Configuration	Network	Removal policy	Creation Time	Operation
asg-ignqvmz lab3-scaling-group	Enable	0 / 1	1 / 3	lab2-clb(lb-81nssqb7)	asc-9lon7zpr webserver-launch-config	vpc-9ert64x8 lab1-vpc	Remove the latest instances	2021-05-31 18:38:36	Delete Disable More

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



lab3-scaling-group

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

Basic Information Edit

Name lab3-scaling-group

Project DEFAULT PROJECT

ID asg-ignqvmz

Region Seoul

Launch Configuration asc-9lon7zpr(webserver-launch-config) (1)

Supported Network vpc-9ert64x8 - subnet-im58hi7n (preferred) [Configure preferred network](#)

Creation Time 2021-05-31 18:38:36

Tags -

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

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

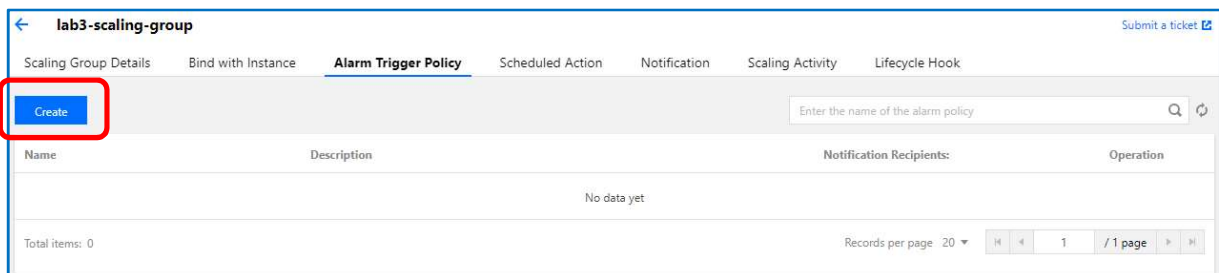
lab2-clb(lb-81nssqb7) ***

Listener lab2-http-listener(lb-hjwx48et)

Path URL www.example.com/

Port Weight Port: 80, Weights: 10

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



lab3-scaling-group

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
- ② [Use Existing Policy (Optional)] : lab3-scaling-group
- ③ [if] : CPU Utilization | 1 minute | Min | > | 50 | Consecutive 1 time
- ④ [Scaling group activities] : Increase | 1 | instances | cooldown | 60 second(s)

Create Alarm Policy

Name *

Use Existing Policy (Optional) lab3-scaling-group Please select [Copy](#)

if *
Instances in the scaling group:
CPU Utilization 1 minute Min > 50 % Consecutive
[Detailed Statistics Rules](#)

Scaling group activities *
Increase 1 instances cooldown 60 second(s) [?](#)

OK Cancel

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.

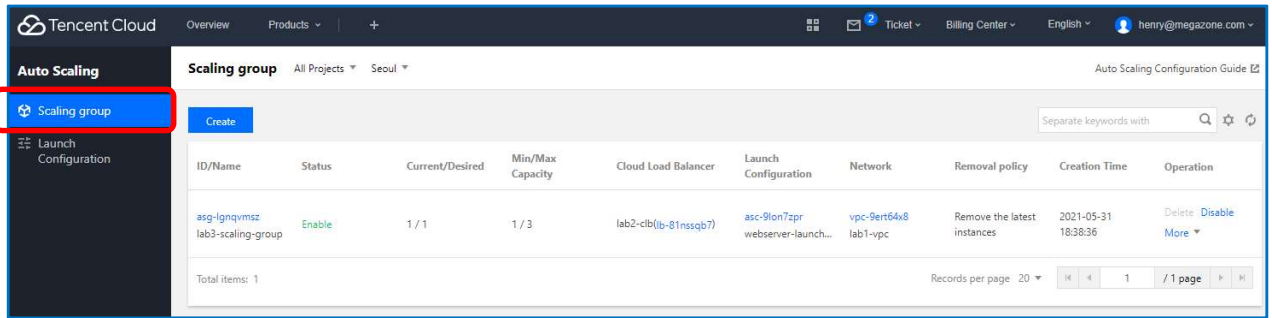
Name	Description	Notification Recipients	Operation
add-instance-cpu-over-40	When the Min of CPU Utilization is larger than 50 % in 1 min(s) for 1 consecutive times, the number of instances increase 1 CVM(s). The cooldown period is 60 seconds.	-	Execute Modify Delete

Total items: 1

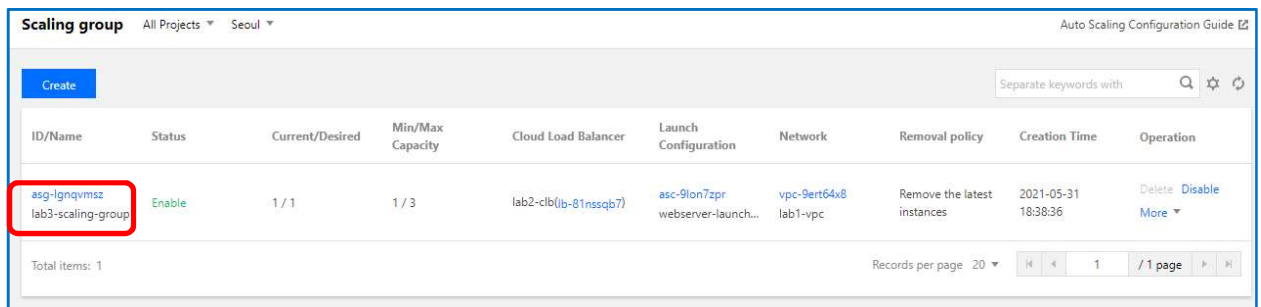
Records per page: 20 1 / 1 page

Task5. Auto Scaling 테스트하기

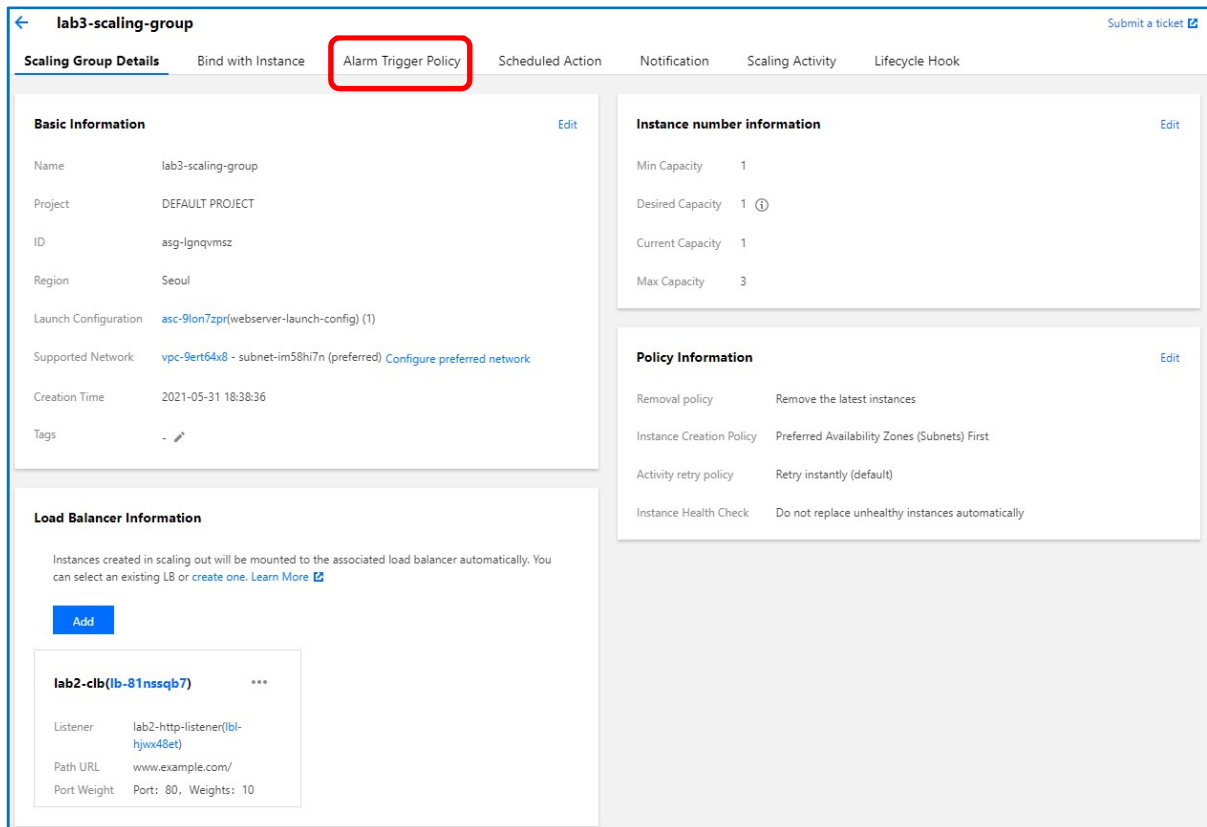
1. [Auto Scaling] 페이지에서 [Scaling group] 메뉴를 클릭한다.



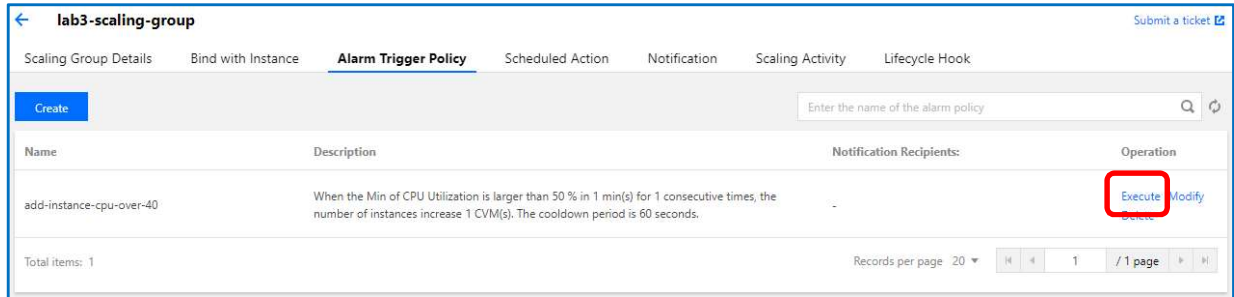
2. 목록에서 생성한 **Scaling group**의 이름을 클릭한다.



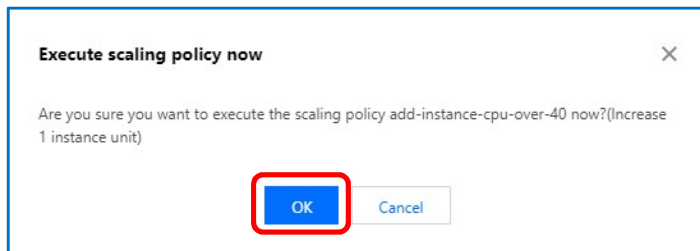
3. 해당 **Scaling group**의 상세페이지가 나타나면, 상단 메뉴에서 [Alarm Trigger Policy]를 클릭한다.



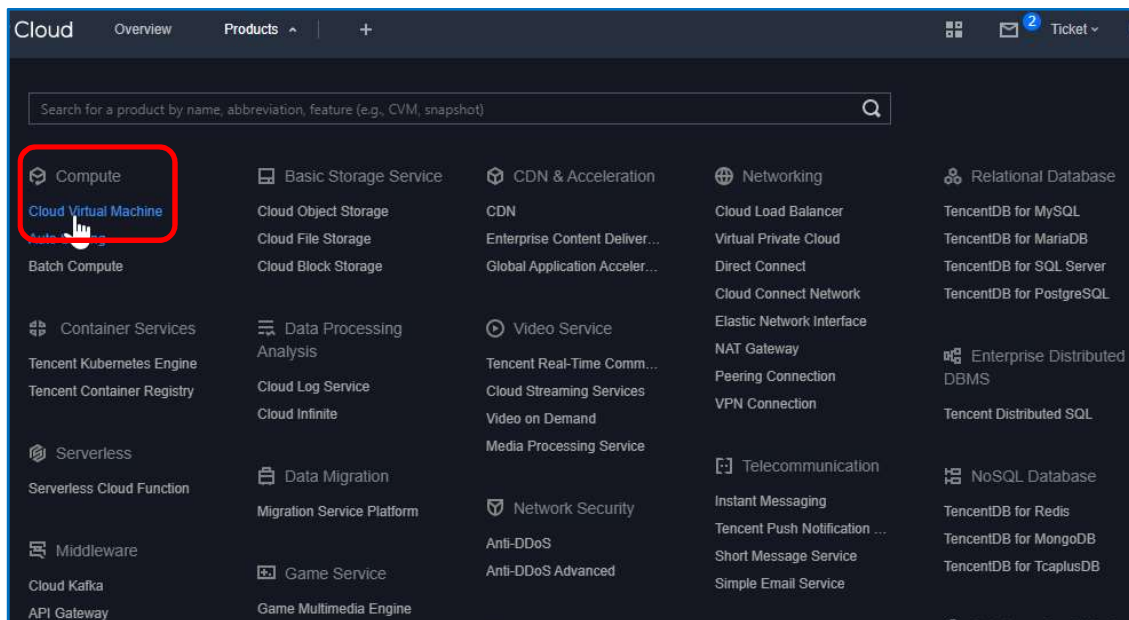
4. 목록에서 방금 생성한 **Policy**를 찾고, 해당 **Policy**의 제일 오른쪽의 **[Operation]** 중 **[Execute]** 링크를 클릭한다.



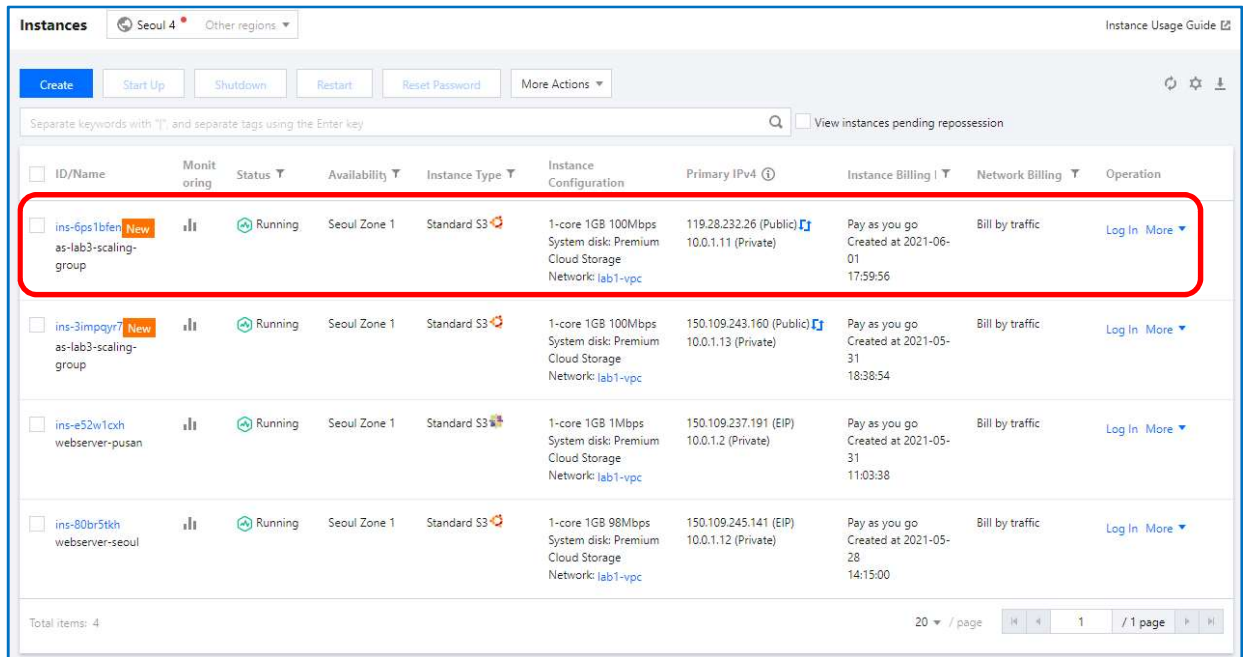
5. **[Execute scaling policy now]** 창이 나타나면, **[OK]** 파란색 버튼을 클릭한다.



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

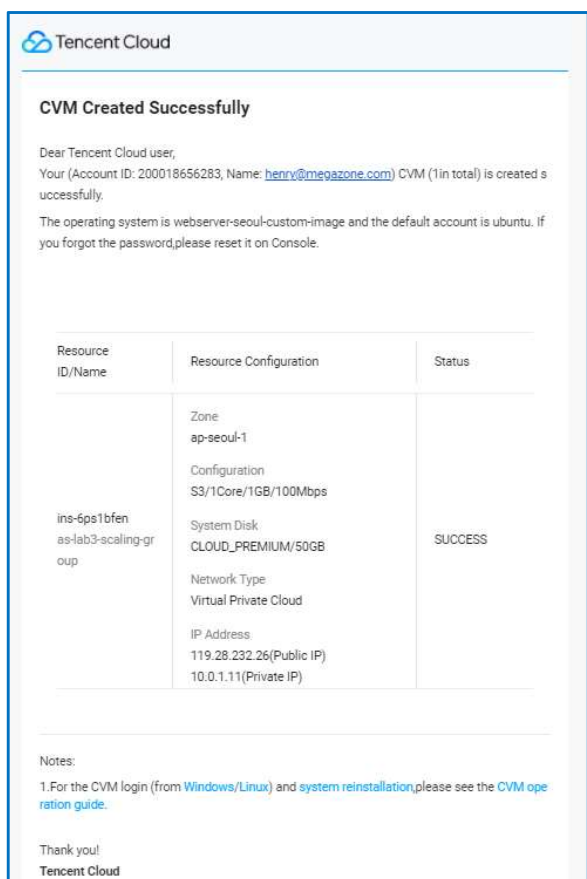


7. 인스턴스가 추가된 것을 확인할 수 있다.



ID/Name	Monitoring	Status	Availability	Instance Type	Instance Configuration	Primary IPv4	Instance Billing	Network Billing	Operation
ins-6ps1bfen as-lab3-scaling-group	New	Running	Seoul Zone 1	Standard S3	1-core 1GB 100Mbps System disk: Premium Cloud Storage Network: lab1-vpc	119.28.232.26 (Public) 10.0.1.11 (Private)	Pay as you go Created at 2021-06-01 17:59:56	Bill by traffic	Log In More
ins-3lmpqr7 as-lab3-scaling-group	New	Running	Seoul Zone 1	Standard S3	1-core 1GB 100Mbps System disk: Premium Cloud Storage Network: lab1-vpc	150.109.243.160 (Public) 10.0.1.13 (Private)	Pay as you go Created at 2021-05-31 18:38:54	Bill by traffic	Log In More
ins-e52w1cxh webserver-pusan		Running	Seoul Zone 1	Standard S3	1-core 1GB 1Mbps System disk: Premium Cloud Storage Network: lab1-vpc	150.109.237.191 (EIP) 10.0.1.2 (Private)	Pay as you go Created at 2021-05-31 11:03:38	Bill by traffic	Log In More
ins-80br5tkh webserver-seoul		Running	Seoul Zone 1	Standard S3	1-core 1GB 98Mbps System disk: Premium Cloud Storage Network: lab1-vpc	150.109.245.141 (EIP) 10.0.1.12 (Private)	Pay as you go Created at 2021-05-28 14:15:00	Bill by traffic	Log In More

8. 메일로도, 핸드폰 문자로도 새 인스턴스가 증가된 것을 확인할 수 있다.



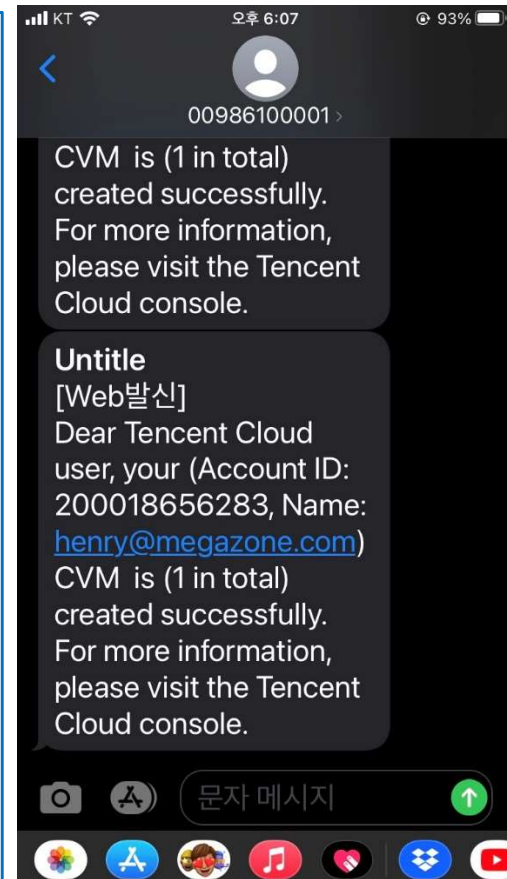
CVM Created Successfully

Dear Tencent Cloud user,
Your (Account ID: 200018656283, Name: 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) CVM is (1 in total) created successfully.
For more information, please visit the Tencent Cloud console.