



AWS 실습


AWS Console 주소

<https://assistbig.signin.aws.amazon.com/console>

본인의 비밀번호로
변경 해주세요.

- 아이디 : Github Username
- 비밀번호 : assist2016

Region



AWS

Services

Edit


yw.kim @ assistbig


Oregon


Support


Amazon Web Services

Compute


 **EC2**
Virtual Servers in the Cloud


 **EC2 Container Service**
Run and Manage Docker Containers


 **Elastic Beanstalk**
Run and Manage Web Apps


 **Lambda**
Run Code in Response to Events


Storage & Content Delivery


 **S3**
Scalable Storage in the Cloud

 **CloudFront**
Global Content Delivery Network


 **Elastic File System** PREVIEW
Fully Managed File System for EC2


 **Glacier**
Archive Storage in the Cloud


 **Import/Export Snowball**
Large Scale Data Transport

 **Storage Gateway**
Hybrid Storage Integration


Developer Tools


 **CodeCommit**
Store Code in Private Git Repositories


 **CodeDeploy**
Automate Code Deployments


 **CodePipeline**
Release Software using Continuous Delivery


Management Tools


 **CloudWatch**
Monitor Resources and Applications


 **CloudFormation**
Create and Manage Resources with Templates

 **CloudTrail**
Track User Activity and API Usage


 **Config**
Track Resource Inventory and Changes

 **OpsWorks**
Automate Operations with Chef


 **Service Catalog**
Create and Use Standardized Products

 **Trusted Advisor**


Internet of Things


 **AWS IoT**
Connect Devices to the Cloud


Game Development


 **GameLift**
Deploy and Scale Session-based Multiplayer Games


Mobile Services

 **Mobile Hub**
Build, Test, and Monitor Mobile Apps


 **Cognito**
User Identity and App Data Synchronization

 **Device Farm**
Test Android, FireOS, and iOS Apps on Real Devices in the Cloud

 **Mobile Analytics**
Collect, View and Export App Analytics

 **SNS**
Push Notification Service

Application Services

 **API Gateway**

US East (N. Virginia)

US West (N. California)

US West (Oregon)

EU (Ireland)

EU (Frankfurt)

Asia Pacific (Tokyo)

Asia Pacific (Seoul)

Asia Pacific (Singapore)

Asia Pacific (Sydney)

South America (São Paulo)

[Learn more](#)

Collection of
or more tags.
project,
ent in your

Tag Editor


ces

or view our
out AWS.

[AWS Console Mobile App](#)
View your resources on the go with our
AWS Console mobile app, available
from Amazon Appstore, Google Play,
or iTunes.

[AWS Marketplace](#)
Find and buy software, launch with 1-
Click and pay by the hour.

EC2 (Elastic Compute Cloud)



AWS ▾


Services ▾


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Amazon Web Services

Compute


**EC2**
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Storage & Content Delivery


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Database


Developer Tools


**CodeCommit**
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Release Software using Continuous Delivery


Management Tools


**CloudWatch**
Monitor Resources and Applications


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Create and Manage Resources with Templates

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Track User Activity and API Usage


**Config**
Track Resource Inventory and Changes

**OpsWorks**
Automate Operations with Chef


**Service Catalog**
Create and Use Standardized Products

**Trusted Advisor**
Optimize Performance and Security


Internet of Things


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Collect, View and Export App Analytics

**SNS**
Push Notification Service

Application Services

**API Gateway**
Build, Deploy and Manage APIs

Resource Groups [Learn more](#)

A resource group is a collection of resources that share one or more tags. Create a group for each project, application, or environment in your account.

Create a Group

Tag Editor

Additional Resources

Getting Started [↗](#)

Read our [documentation](#) or view our [training](#) to learn more about AWS.

AWS Console Mobile App [↗](#)

View your resources on the go with our AWS Console mobile app, available from [Amazon Appstore](#), [Google Play](#), or [iTunes](#).

AWS Marketplace [↗](#)

Find and buy software, launch with 1-Click and pay by the hour.

인스턴스(서버) 생성

EC2 Dashboard

Events

Tags

Reports

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INSTANCES

Instances

Spot Requests

Reserved Instances

IMAGES

AMIs

Bundle Tasks

ELASTIC BLOCK STORE

Volumes

Snapshots

NETWORK & SECURITY

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

LOAD BALANCING

Load Balancers

AUTO SCALING

Launch Configurations

Auto Scaling Groups

Resources

You are using the following Amazon EC2 resources in the Asia Pacific (Seoul) region:

0 Running Instances

0 Elastic IPs

0 Volumes

0 Snapshots

0 Key Pairs

0 Load Balancers

0 Placement Groups

1 Security Groups

Easily deploy Ruby, PHP, Java, .NET, Python, Node.js & Docker applications with [Elastic Beanstalk](#).

Create Instance

To start using Amazon EC2 you will want to launch a virtual server, known as an Amazon EC2 Instance.

Launch Instance

Note: Your instances will launch in the Asia Pacific (Seoul) region

Service Health

Service Status:

Asia Pacific (Seoul):
This service is operating normally

Availability Zone Status:

ap-northeast-2a:
Availability zone is operating normally

ap-northeast-2c:
Availability zone is operating normally

Service Health Dashboard

Scheduled Events

Asia Pacific (Seoul):
No events

Account Attributes

Supported Platforms

VPC

Default VPC

vpc-a93ef6c0

Resource ID length management

Additional Information

Getting Started Guide

Documentation

All EC2 Resources

Forums

Pricing

Contact Us

AWS Marketplace

Find **free software trial** products in the AWS Marketplace from the [EC2 Launch Wizard](#).

Or try these popular AMIs:

Tableau Server (10 users)

Provided by Tableau

Rating ★★★★★

Pay by the hour for Tableau software and AWS usage

[View all Business Intelligence](#)

운영체제 종류 선정

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 6. Configure Security Group 7. Review

Step 1: Choose an Amazon Machine Image (AMI)

[Cancel and Exit](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Quick Start

< > 1 to 19 of 19 AMIs > >

My AMIs

AWS Marketplace

Community AMIs

☐ Free tier only ⓘ



Amazon Linux
Free tier eligible

Amazon Linux AMI 2016.03.0 (HVM), SSD Volume Type - ami-6598510b

Select

The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.

64-bit

Root device type: ebs Virtualization type: hvm



Red Hat
Free tier eligible

Red Hat Enterprise Linux 7.2 (HVM), SSD Volume Type - ami-44db152a

Select

Red Hat Enterprise Linux version 7.2 (HVM), EBS General Purpose (SSD) Volume Type

64-bit

Root device type: ebs Virtualization type: hvm



SUSE Linux
Free tier eligible

SUSE Linux Enterprise Server 12 SP1 (HVM), SSD Volume Type - ami-e9985687

Select

SUSE Linux Enterprise Server 12 Service Pack 1 (HVM), EBS General Purpose (SSD) Volume Type. Public Cloud, Advanced Systems Management, Web and Scripting, and Legacy modules enabled.

64-bit

Root device type: ebs Virtualization type: hvm



Ubuntu
Free tier eligible

Ubuntu Server 14.04 LTS (HVM), SSD Volume Type - ami-09dc1267

Select

Ubuntu Server 14.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).

64-bit

Root device type: ebs Virtualization type: hvm

서버 사양 선정


Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They provide an appropriate mix of resources for

- 일반 사용자는 **t2.small** 선택
- 서버 관리자는 **c3.2xlarge** 선택

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	m4.large	2	8	EBS only	Yes	Moderate
<input type="checkbox"/>	General purpose	m4.xlarge	4	16	EBS only	Yes	High
<input type="checkbox"/>	General purpose	m4.2xlarge	8	32	EBS only	Yes	High
<input type="checkbox"/>	General purpose	m4.4xlarge	16	64	EBS only	Yes	High
<input type="checkbox"/>	General purpose	m4.10xlarge	40	160	EBS only	Yes	10 Gigabit
<input type="checkbox"/>	Compute optimized	c4.large	2	3.75	EBS only	Yes	Moderate
<input type="checkbox"/>	Compute optimized	c4.xlarge	4	7.5	EBS only	Yes	High

서버 설정

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1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 6. Configure Security Group 7. Review

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances ⓘ


1

Launch into Auto Scaling Group ⓘ

Purchasing option ⓘ

☐ Request Spot instances

Network ⓘ

vpc-a93ef6c0 (172.31.0.0/16) (default) ▾  [Create new VPC](#)


Subnet ⓘ

No preference (default subnet in any Availability Zo ▾ [Create new subnet](#)

Auto-assign Public IP ⓘ

Use subnet setting (Enable) ▾

IAM role ⓘ

None ▾  [Create new IAM role](#)

Shutdown behavior ⓘ

Stop ▾

Enable termination protection ⓘ

☐ Protect against accidental termination

Monitoring ⓘ

☐ Enable CloudWatch detailed monitoring

[Additional charges apply.](#)

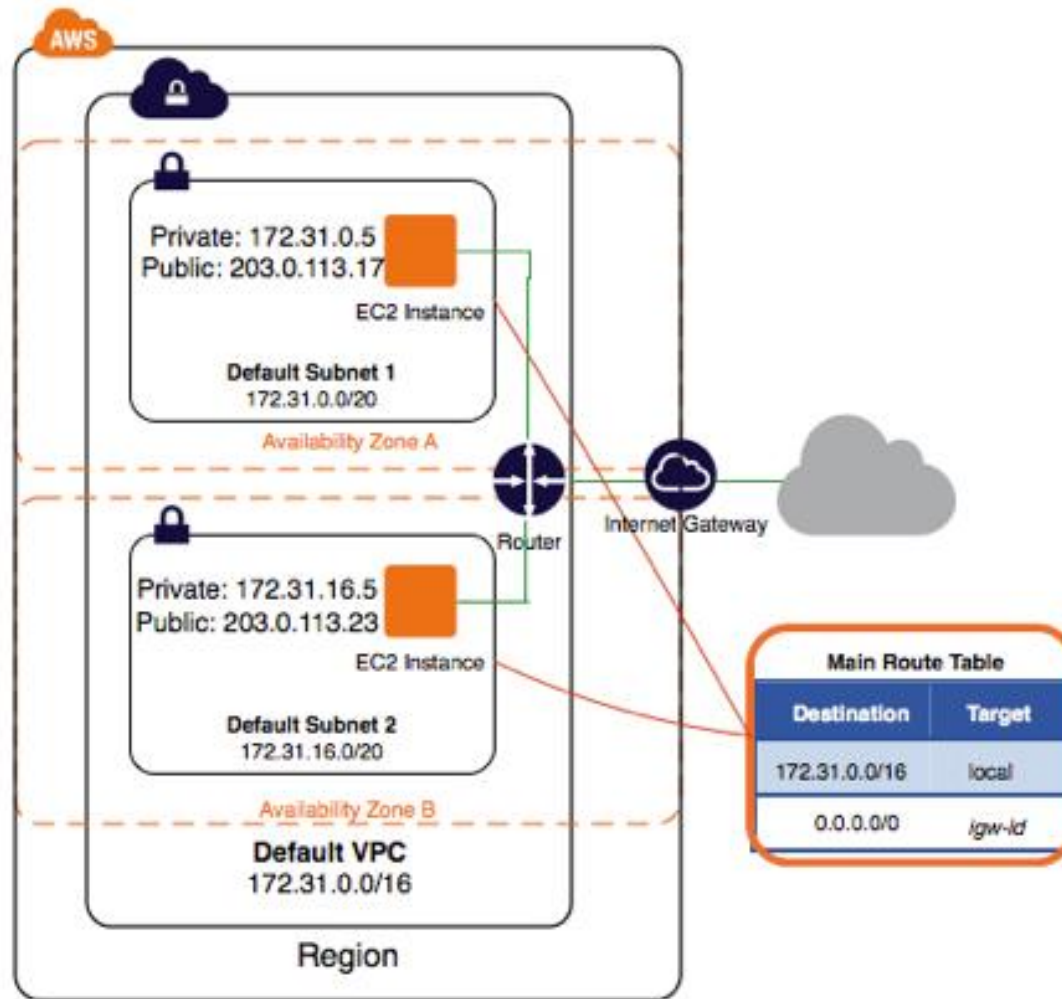
Tenancy ⓘ

Shared - Run a shared hardware instance ▾


[Additional charges will apply for dedicated tenancy.](#)

▶ Advanced Details

VPC(Virtual Private Cloud)와 Subnet



Storage 타입 선정

 AWS Services Edit yw.kim @ assistbig Seoul Support

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 6. Configure Security Group 7. Review

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.


Volume Type ⓘ	Device ⓘ	Snapshot ⓘ	Size (GiB) ⓘ	Volume Type ⓘ	IOPS ⓘ	Delete on Termination ⓘ	Encrypted ⓘ
Root	/dev/sda1	snap-6d953b49	8	General Purpose ▾	24 / 3000	<input checked="" type="checkbox"/>	Not Encrypted

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.

- IOPS : Input/Output Operations per second

Tag 설정

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1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 6. Configure Security Group 7. Review

Step 5: Tag Instance


A tag consists of a case-sensitive key-value pair. For example, you can use the key `Environment` and value `Webserver`. [Learn more](#) about tagging your Amazon EC2 resources.

Key (127 characters maximum)	Value (255 characters maximum)
<input type="text" value="Name"/>	<input type="text" value="yw.kim"/>

Create Tag (Up to 10 tags maximum)

본인의 Github
Username을 적어
구분 해주세요.

Security Group 설정

AWS ▾Services ▾Edit ▾

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1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Tag Instance6. Configure Security Group7. Review

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow... For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow up... HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon...


Assign a security group: ☒ Create a **new** security group
☐ Select an **existing** security group

Security group name:

Description:

Type <small>i</small>	Protocol <small>i</small>	Port Range <small>i</small>	Source <small>i</small>
SSH ▾	TCP	22	Anywhere ▾ 0.0.0.0/0 ✕


Add Rule



Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

본인의 Github Username을 적어 구분 해주세요.


인스턴스 설정 Review

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
1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 6. Configure Security Group 7. Review

Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

 **Improve your instances' security. Your security group, yw.kim, is open to the world.**
Your instances may be accessible from any IP address. We recommend that you update your security group rules to allow access from known IP addresses only.
You can also open additional ports in your security group to facilitate access to the application or service you're running, e.g., HTTP (80) for web servers. [Edit security groups](#)

▼ AMI Details [Edit AMI](#)

 **Ubuntu Server 14.04 LTS (HVM), SSD Volume Type - ami-09dc1267**
 Ubuntu Server 14.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).
Root Device Type: ebs Virtualization type: hvm

▼ Instance Type [Edit instance type](#)

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate





▼ Security Groups [Edit security groups](#)

Security group name

yw.kim

Description

launch-wizard-1 created 2016-04-17T14:53:45.096+09:00

Type 	Protocol 	Port Range 	Source 
--	--	--	--

Key pair 생성

addresses only.

also open additional ports in your security group to facilitate access to the application or service you're running on the instance.

Select an existing key pair or create a new key pair X

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key is used to obtain the password used to log into your instance. For Linux AMIs, the private key is used to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. For more information about removing existing key pairs from a public AMI.

Create a new key pair

Key pair name

yw.kim

Download Key Pair

You have to download the **private key file** (*.pem file) before you can continue. Store it in a **secure and accessible location**. You will not be able to download the file again after it's created.


Cancel Launch Instances

TCP 22 0.0.0.0/0


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서버 접속 시 반드시 필요합니다.
반드시 Down받으시고
잘 보관 해 주세요.

인스턴스 생성 완료

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Launch Status

 **Your instances are now launching**
The following instance launches have been initiated: [i-a0b52807](#) [View launch log](#)

 **Get notified of estimated charges**
[Create billing alerts](#) to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

▼ Here are some helpful resources to get you started

- [How to connect to your Linux instance](#)
- [Learn about AWS Free Usage Tier](#)
- [Amazon EC2: User Guide](#)
- [Amazon EC2: Discussion Forum](#)

While your instances are launching you can also

- [Create status check alarms](#) to be notified when these instances fail status checks. (Additional charges may apply)
- [Create and attach additional EBS volumes](#) (Additional charges may apply)
- [Manage security groups](#)

View Instances

인스턴스 조회

EC2 Dashboard

Events

Tags

Reports

Limits

INSTANCES

Instances

Spot Requests

Reserved Instances

Launch Instance

Connect

Actions ▾

Filter by tags and attributes or search by keyword

1 to 2 of 2

<input type="checkbox"/>	Name ▾	Instance ID ▴	Instance Type ▾	Availability Zone ▾	Instance State ▾	Status
<input type="checkbox"/>		i-4bb958ed	t2.micro	ap-northeast-2c	terminated	
<input checked="" type="checkbox"/>	yw.kim	i-a0b52807	t2.micro	ap-northeast-2a	running	Init

- 윈도우 사용자 (Xshell)

- Wiki 참고 : <https://github.com/assistbig/bigdata/wiki/Tools#xshell>

- 맥OS 사용자

- Terminal 실행
 - `ssh -i <pem키 경로> ubuntu@<인스턴스 ip>`

Splunk 설치

1. Wiki 이동 : <https://github.com/assistbig/bigdata/wiki/Tools#splunk>
2. wget URL 복사
3. 프롬프트 창에 복사한 URL 붙여넣기

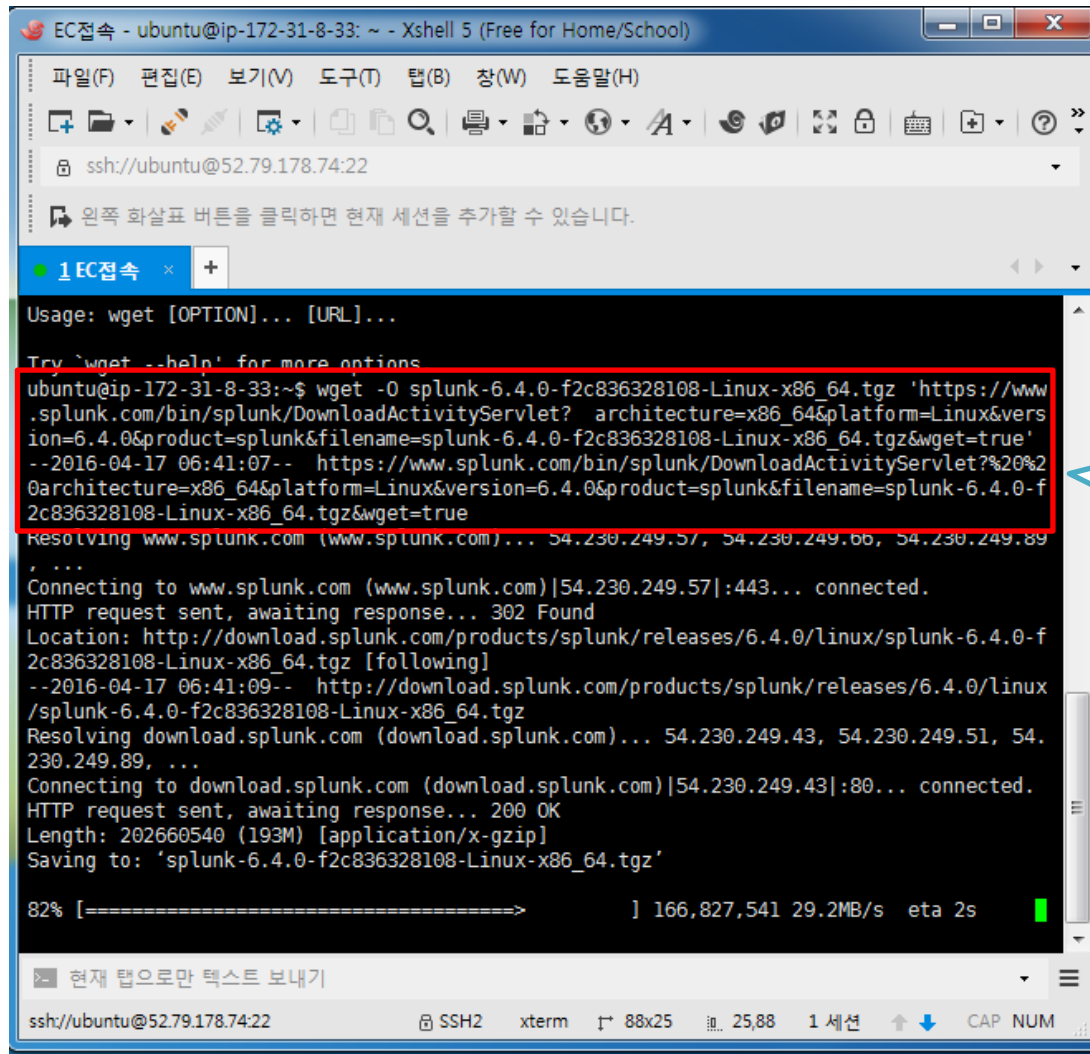
Splunk

- Splunk Document : [Link](#)
- Splunk Tutorial
 - 자료 : Update 예정
 - Youtube - Basic Search Tutorial [[Link](#)]
 - Youtube - Creating Dashboard Tutorial [[Link](#)]
- Splunk Enterprise 6.4 Download (wget URL)

3번 클릭
&
Copy

```
wget -O splunk-6.4.0-f2c836328108-Linux-x86_64.tgz 'https://www.splunk.com/bin/splunk'
```

Splunk Download



```
EC접속 - ubuntu@ip-172-31-8-33: ~ - Xshell 5 (Free for Home/School)
파일(F) 편집(E) 보기(V) 도구(T) 탭(B) 창(W) 도움말(H)
ssh://ubuntu@52.79.178.74:22
원쪽 화살표 버튼을 클릭하면 현재 세션을 추가할 수 있습니다.

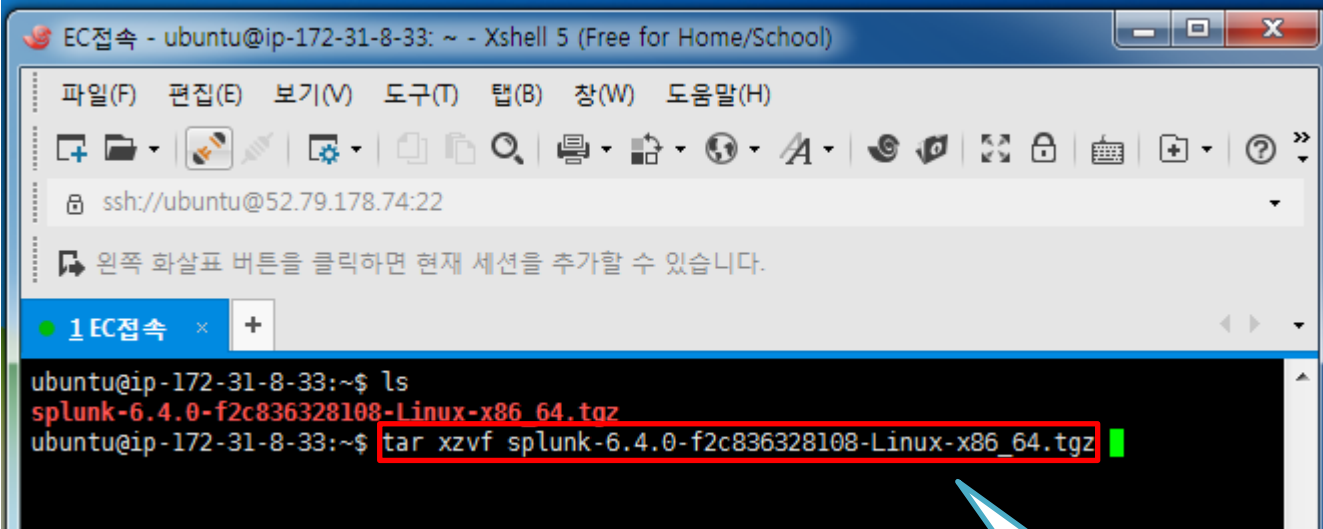
1 EC접속 x +
Usage: wget [OPTION]... [URL]...
Try 'wget --help' for more options
ubuntu@ip-172-31-8-33:~$ wget -O splunk-6.4.0-f2c836328108-Linux-x86_64.tgz 'https://www.splunk.com/bin/splunk/DownloadActivityServlet?architecture=x86_64&platform=Linux&version=6.4.0&product=splunk&filename=splunk-6.4.0-f2c836328108-Linux-x86_64.tgz&wget=true'
--2016-04-17 06:41:07-- https://www.splunk.com/bin/splunk/DownloadActivityServlet?%20%20architecture=x86_64&platform=Linux&version=6.4.0&product=splunk&filename=splunk-6.4.0-f2c836328108-Linux-x86_64.tgz&wget=true
Resolving www.splunk.com (www.splunk.com)... 54.230.249.57, 54.230.249.66, 54.230.249.89, ...
Connecting to www.splunk.com (www.splunk.com)|54.230.249.57|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: http://download.splunk.com/products/splunk/releases/6.4.0/linux/splunk-6.4.0-f2c836328108-Linux-x86_64.tgz [following]
--2016-04-17 06:41:09-- http://download.splunk.com/products/splunk/releases/6.4.0/linux/splunk-6.4.0-f2c836328108-Linux-x86_64.tgz
Resolving download.splunk.com (download.splunk.com)... 54.230.249.43, 54.230.249.51, 54.230.249.89, ...
Connecting to download.splunk.com (download.splunk.com)|54.230.249.43|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 202660540 (193M) [application/x-gzip]
Saving to: 'splunk-6.4.0-f2c836328108-Linux-x86_64.tgz'

82% [=====>] 166,827,541 29.2MB/s eta 2s

> 현재 탭으로만 텍스트 보내기
ssh://ubuntu@52.79.178.74:22 SSH2 xterm 88x25 25,88 1 세션 CAP NUM
```

Paste

압축 풀기



The screenshot shows an Xshell terminal window titled "EC접속 - ubuntu@ip-172-31-8-33: ~ - Xshell 5 (Free for Home/School)". The terminal displays the following commands and output:

```
ubuntu@ip-172-31-8-33:~$ ls
splunk-6.4.0-f2c836328108-Linux-x86_64.tgz
ubuntu@ip-172-31-8-33:~$ tar xzvf splunk-6.4.0-f2c836328108-Linux-x86_64.tgz
```

The command `tar xzvf splunk-6.4.0-f2c836328108-Linux-x86_64.tgz` is highlighted with a red box. A blue callout bubble points to this command with the text "압축 풀기".

압축 풀기

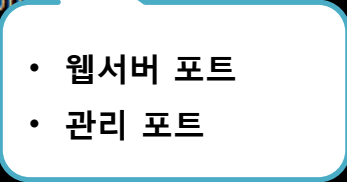
`$> tar xzvf splunk + <TAB키 클릭>`

Splunk 실행

```
$> cd splunk/bin
```

```
$> ./splunk start --accept-license
```

```
Checking prerequisites...
  Checking http port [8000]: open
  Checking mgmt port [8089]: open
  Checking appserver port [127.0.0.1:8065]: open
  Checking kvstore port [8191]: open
  Checking configuration... Done
    Creating: /home/ubuntu/splunk/var/lib/splunk
    Creating: /home/ubuntu/splunk/var/lib/splunk/appserver/i18n
    Creating: /home/ubuntu/splunk/var/lib/splunk/appserver/modules/static/cs
    Creating: /home/ubuntu/splunk/var/run/splunk/upload
    Creating: /home/ubuntu/splunk/var/spool/splunk
    Creating: /home/ubuntu/splunk/var/spool/dirmoncache
    Creating: /home/ubuntu/splunk/var/lib/splunk/authDb
    Creating: /home/ubuntu/splunk/var/lib/splunk/hashDb
  Checking critical directories... Done
  Checking indexes...
    Validated: _audit _internal _introspection _thefishbucket history main s
```

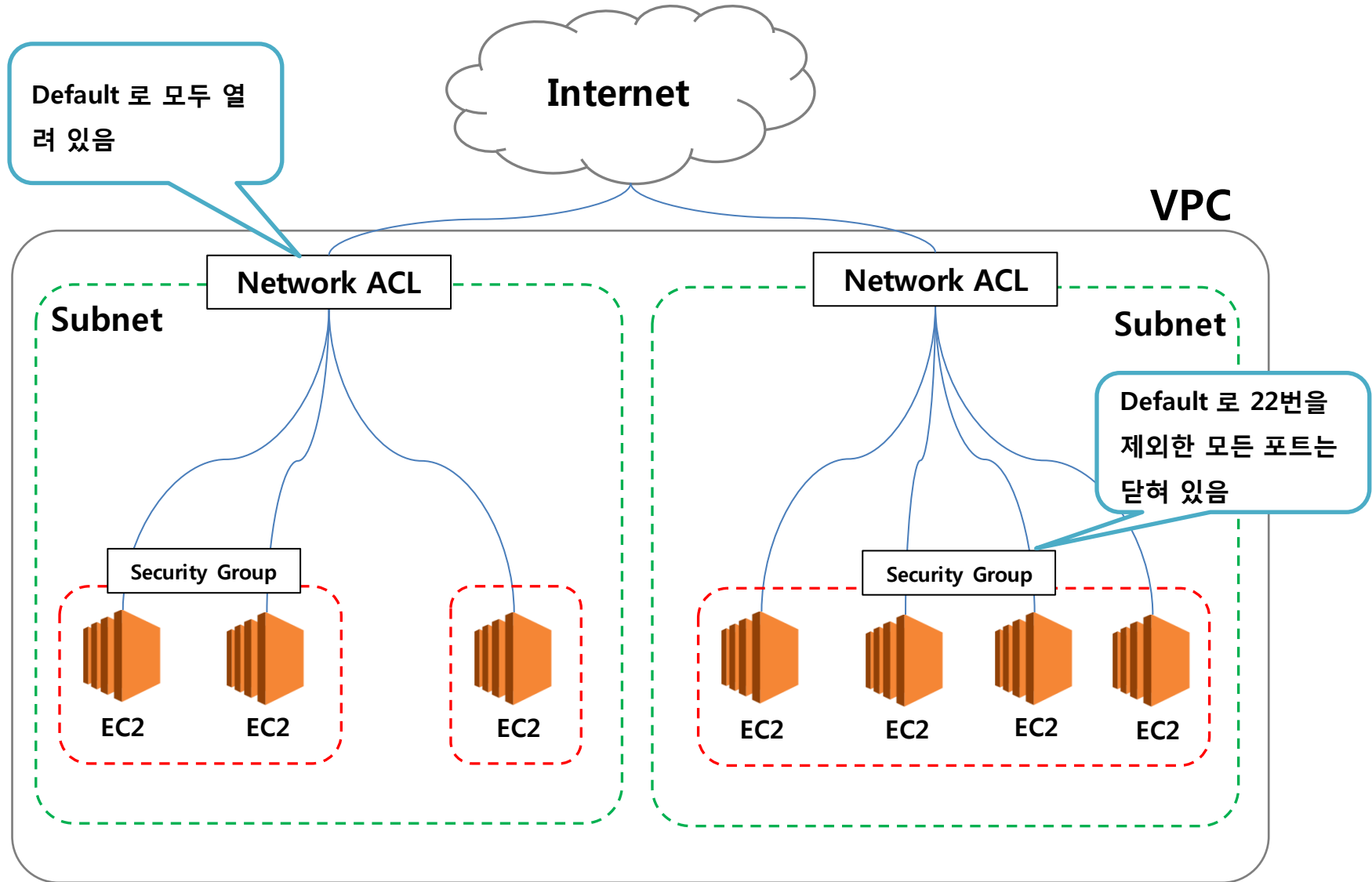


- 웹서버 포트
- 관리 포트

웹 브라우저를 통해 접속

http:// <본인의 인스턴스 IP>:8000

AWS 방화벽



Security Group 설정

Launch Instance

Connect

Actions ▾

Filter by tags and attributes or search by keyword

<input type="checkbox"/>	Name ▾	Instance ID ▴	Instance Type ▾	Availability Zone ▾	Instance State ▾	Status Checks ▾	Alarm Status	Public DNS ▾	Public IP ▾	Key Name ▾	Monitoring
<input type="checkbox"/>	yw.kim	i-a0b52807	t2.micro	ap-northeast-2a	● running	✓ 2/2 checks...	None	ec2-52-79-178-74.ap-no...	52.79.178.74	yw.kim	<input type="checkbox"/> disabled

Instance: **i-a0b52807 (yw.kim)** Public DNS: **ec2-52-79-178-74.ap-northeast-2.compute.amazonaws.com**

Description

Status Checks

Monitoring

Tags

Instance ID

i-a0b52807

Instance state

running

Instance type

t2.micro

Private DNS

ip-172-31-8-33.ap-northeast-2.compute.internal

Private IPs

172.31.8.33

Secondary private IPs

VPC ID

vpc-a93ef6c0

Subnet ID

subnet-c7f832ae

Network interface

[eth0](#)

Public DNS

ec2-52-79-178-74.ap-northeast-2.compute.amazonaws.com

Public IP

52.79.178.74

Elastic IP

-

Availability zone

ap-northeast-2a

Security groups

yw.kim . view rules

Scheduled events

No scheduled events

AMI ID

ubuntu-trusty-14.04-amd64-server-20160114.5 (ami-09dc1267)

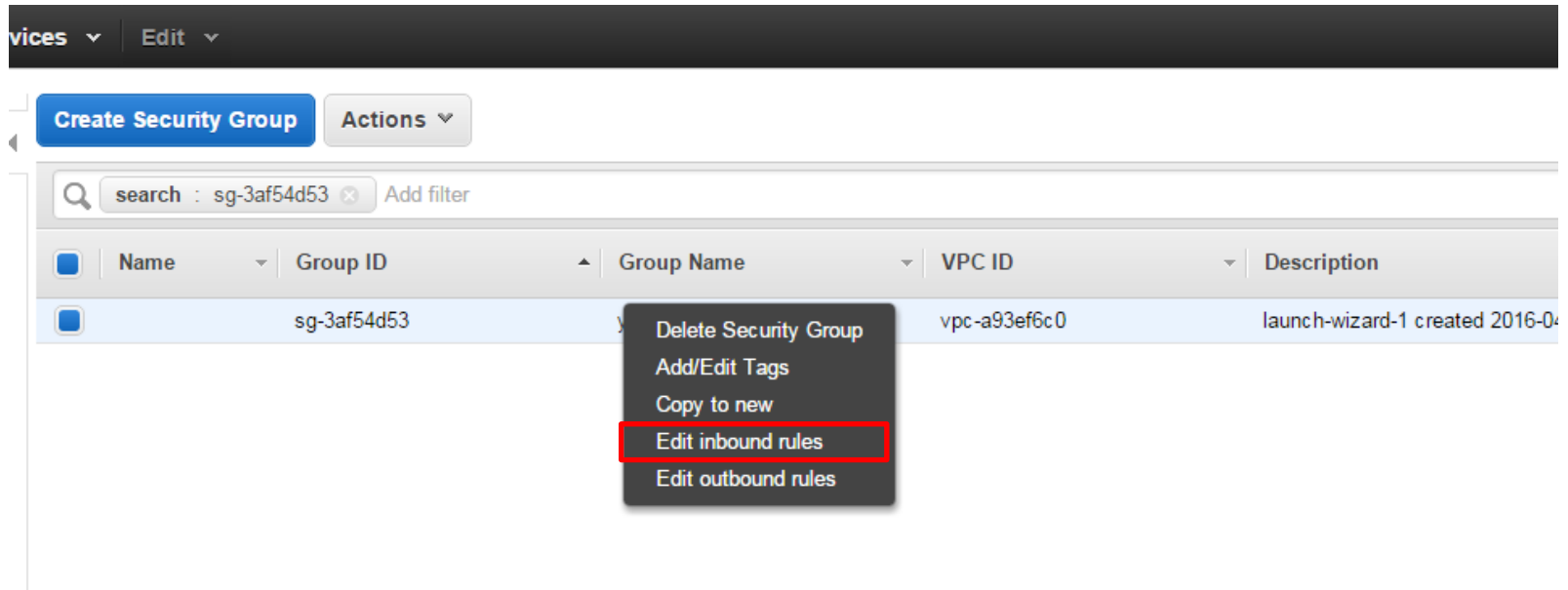
Platform

-

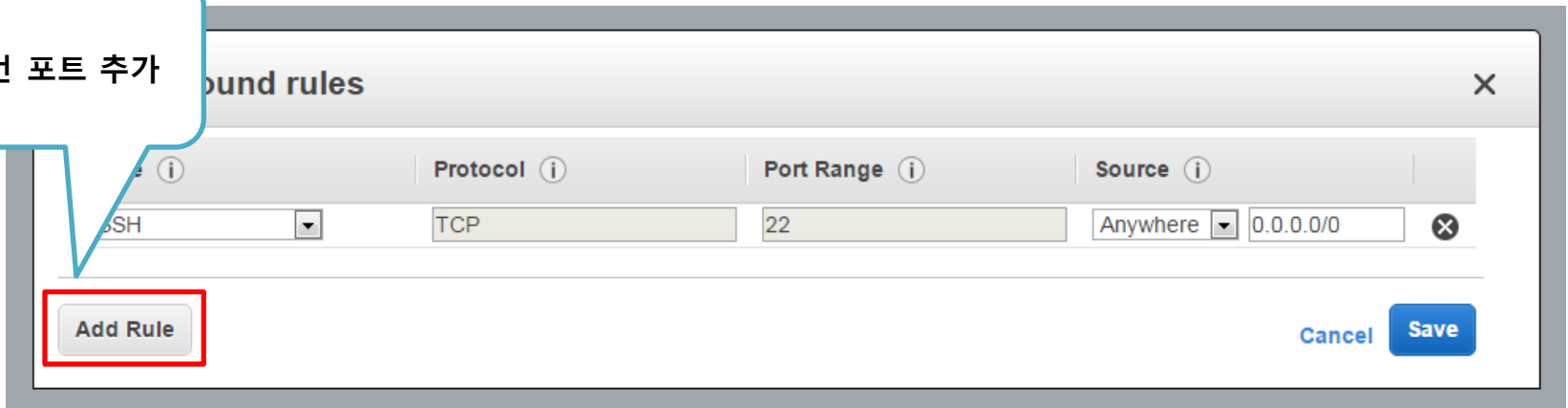
IAM role

-

Security Group 설정



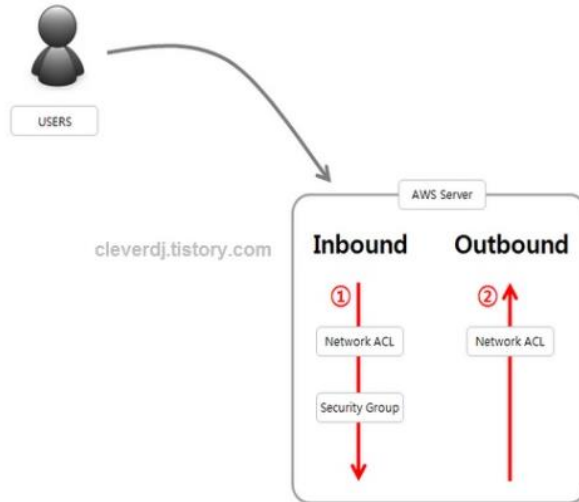
8000번 포트 추가



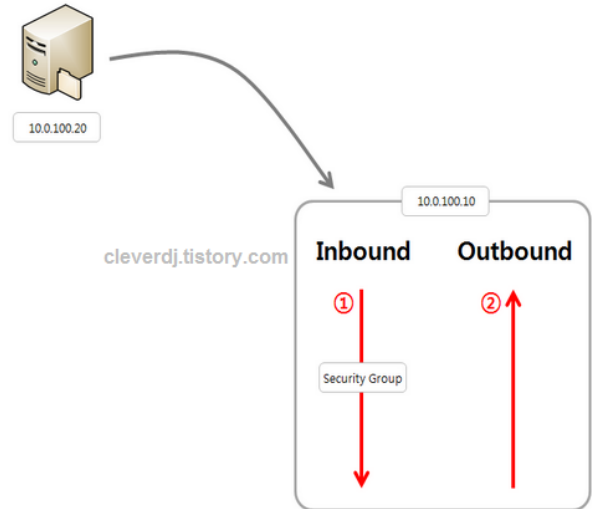
Break Time

Backup | AWS 방화벽 상세 Case

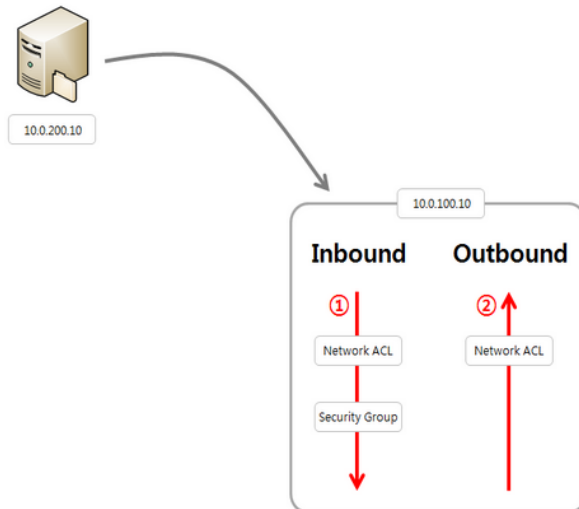
Case1. From External to AWS



Case2. Same Subnet



Case3. Another Subnet



Case4. From Internal to External

