

사전작업

인스턴스 (1/1) 정보 최종 업데이트 날짜 about 1 hour 전 연결 인스턴스 상태 작업 인스턴스 시작

인스턴스를 속성 또는 (case-sensitive) 태그로 찾기 모든 상태

<input checked="" type="checkbox"/>	Name	인스턴스 ID	인스턴스 상태	인스턴스 유형	상태 검사	경보 상태
<input checked="" type="checkbox"/>	desksetAWS	i-0097b4cb11f9f9140	실행 중	t2.micro	2/2개 검사 통과	경보 보기 +

i-0097b4cb11f9f9140 (desksetAWS)

세부 정보 | 상태 및 경보 | 모니터링 | 보안 | 네트워킹 | 스토리지 | 태그

▼ 루트 디바이스 세부 정보

루트 디바이스 이름 /dev/sda1	루트 디바이스 유형 EBS	EBS 최적화 비활성
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▼ 블록 디바이스

블록 디바이스 필터링

<input checked="" type="checkbox"/>	블록 ID	디바이스 이름	블록 크기(GiB)	블록 상태	연결 상태
<input checked="" type="checkbox"/>	vol-08737c82978d39140	/dev/sda1	12	사용 중	연결됨

블록 모니터링 (1)

3시간 1일 1주 1시간 UTC 시간대 관련 내용 살펴보기

평균 읽기 지연 시간(ms) : 평균 쓰기 지연 시간(ms) : 읽기 처리량(KiB/s) : 쓰기 처리량(KiB/s)

※제가 겪은 순서대로 하실 분은
볼륨늘리는 작업 하지않고
3페이지부터 진행하시면 됩니다.

스토리지 볼륨크기를 최소 12GB
이상으로 해주세요
새로 만들때 설정하거나

- 스팟 요청
- Savings Plans
- 예약 인스턴스
- 전용 호스트
- 용량 예약
- ▼ 이미지
 - AMI
 - AMI 카탈로그
- ▼ Elastic Block Store
 - 볼륨**
 - 스냅샷
 - 수명 주기 관리자
- ▼ 네트워크 및 보안
 - 보안 그룹
 - 탄력적 IP
 - 배치 그룹
 - 키 페어
 - 네트워크 인터페이스
- ▼ 로드 밸런싱
 - 로드밸런서
 - 대상 그룹
 - Trust Store

볼륨 (1/1) 정보

저장한 필터 세트
필터 세트 선택

[검색]

<input checked="" type="checkbox"/>	Name	볼륨 ID	유형	크기	IOPS
<input checked="" type="checkbox"/>		vol-08737c82978d39140	gp3	12 GiB	3000

여기서 수정

Last updated
about 1 hour ago

작업

볼륨 수정

스냅샷 생성

스냅샷 수명 주기 정책 생성

볼륨 삭제

볼륨 연결

볼륨 분리

볼륨 강제 분리

자동 활성화된 I/O 관리

태그 관리

오류 주입

볼륨 ID: vol-08737c82978d39140

세부 정보

상태 검사

모니터링

태그

볼륨 ID
vol-08737c82978d39140

크기
12 GiB

AWS Compute Optimizer 검색 결과
권장 사항을 받으려면 AWS Compute Optimizer에 옵트인하십시오.

볼륨 상태
사용 중

유형
gp3
IOPS
3000

상태 검사
정상
처리량
125

수정 후에는 볼륨상태가 사용중을 될 때까지 대기 (좀 걸립니다)

인바운드 규칙 편집

[정보](#)

인바운드 규칙은 인스턴스에 도달하도록 허용된 수신 트래픽을 제어합니다.

인바운드 규칙

[정보](#)

보안 그룹 규칙 ID

sgr-0b9b95f012917655d

유형

MySQL/Aurora

프로토콜

TCP

포트 범위

3306

소스

사용자 ...

Q

::/0

설명 - 선택 사항

각 포트 별로

::/0

삭제

sgr-0f0db1ce05a9849cf

Oracle-RDS

TCP

1521

사용자 ...

Q

0.0.0.0/0

0.0.0.0/0

삭제

sgr-0db2ab5fd1b7188a8

HTTP

TCP

80

사용자 ...

Q

::/0

생성

삭제

sgr-024daaa91d35753B8

사용자 지정 TCP

TCP

8080

사용자 ...

Q

::/0

삭제

sgr-0725c29f853c8decf

사용자 지정 TCP

TCP

6060

사용자 ...

Q

::/0

삭제

sgr-09dce3777fef27483

MySQL/Aurora

TCP

3306

사용자 ...

Q

0.0.0.0/0

삭제

sgr-086eb77d5c4612ca0

사용자 지정 TCP

TCP

8005

사용자 ...

Q

0.0.0.0/0

삭제

sgr-0c8bf2da856f6fe2c

HTTP

TCP

80

사용자 ...

Q

0.0.0.0/0

삭제

sgr-0b3af94695ba7053e

SSH

TCP

22

사용자 ...

Q

0.0.0.0/0

삭제

sgr-0a2ab16c8da8ab7a8

사용자 지정 TCP

TCP

8080

사용자 ...

Q

0.0.0.0/0

삭제

sgr-0862fcc51771b6d48

SSH

TCP

22

사용자 ...

Q

::/0

삭제

sgr-052bc8bee5db80829

사용자 지정 TCP

TCP

6060

사용자 ...

Q

0.0.0.0/0

삭제

sgr-046af84ef8dbb5ff

Oracle-RDS

TCP

1521

사용자 ...

Q

::/0

삭제

sgr-09b7efda92feccfb3

사용자 지정 TCP

TCP

8005

사용자 ...

Q

::/0

삭제

[규칙 추가](#)



SSH



Telnet



Rsh



Xdmcp



RDP



VNC



FTP



SFTP



Serial



File



Shell



Browser



Mosh



AWS S3



WSL

mobaxterm 과 연결



Basic SSH settings

Remote host * 3.34.133.231

☐ Specify username

Port 22



Advanced SSH settings



Terminal settings



Network settings



Bookmark settings

☒ X11-Forwarding☒ Compression

Remote environment: Interactive shell

Execute command:

☐ Do not exit after command ends

SSH-browser type: SFTP protocol

☒ Try to follow SSH path in browser☒ Use private key

C:\Users\user\Downloads\deskset



Expert SSH settings

Execute macro at session start: <none>



OK



Cancel

root 계정 비번 설정(혹시몰라서)

```
ubuntu@ip-172-31-9-133:~$ sudo passwd root
New password:
Retype new password:
passwd: password updated successfully
ubuntu@ip-172-31-9-133:~$ su root
Password:
root@ip-172-31-9-133:/home/ubuntu# exit
exit
```

```
ubuntu@ip-172-31-9-133:~$ sudo apt install net-tools
```

```
ubuntu@ip-172-31-9-133:~$ ifconfig
enX0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 9001
    inet 172.31.9.133  netmask 255.255.240.0  broadcast 172.31.15.255
    inet6 fe80::65:23ff:fe40:9e71  prefixlen 64  scopeid 0x20<link>
    ether 02:65:23:40:9e:71  txqueuelen 1000  (Ethernet)
    RX packets 1792  bytes 704963 (704.9 KB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 2020  bytes 251329 (251.3 KB)
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
    inet 127.0.0.1  netmask 255.0.0.0
    inet6 ::1  prefixlen 128  scopeid 0x10<host>
    loop txqueuelen 1000  (Local Loopback)
    RX packets 142  bytes 14841 (14.8 KB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 142  bytes 14841 (14.8 KB)
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0
```



```
ubuntu@ip-172-31-9-133:~$ sudo systemctl status ssh
● ssh.service - OpenBSD Secure Shell server
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; disabled; preset: enabled)
   Drop-In: /usr/lib/systemd/system/ssh.service.d
            └─ssh-instance-connect.conf
   Active: active (running) since Mon 2025-06-16 08:08:13 UTC; 3min 46s ago
 TriggeredBy: ● ssh.socket
   Docs: man:sshd(8)
          man:sshd_config(5)
   Process: 1051 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
   Main PID: 1052 (sshd)
     Tasks: 1 (limit: 1124)
    Memory: 7.2M (peak: 8.0M)
       CPU: 74ms
    CGroup: /system.slice/ssh.service
            └─1052 "sshd: /usr/sbin/sshd -D -o AuthorizedKeysCommand /usr/share/ec2-instance-connect/eic_run_authorized_keys"

Jun 16 08:08:12 ip-172-31-9-133 systemd[1]: Starting ssh.service - OpenBSD Secure Shell server...
Jun 16 08:08:13 ip-172-31-9-133 sshd[1052]: Server listening on :: port 22.
Jun 16 08:08:13 ip-172-31-9-133 systemd[1]: Started ssh.service - OpenBSD Secure Shell server.
Jun 16 08:10:03 ip-172-31-9-133 sshd[1054]: Accepted publickey for ubuntu from 175.114.130.23 port 62522 ssh2: RSA SHA256:nHI
Jun 16 08:10:03 ip-172-31-9-133 sshd[1054]: pam_unix(sshd:session): session opened for user ubuntu(uid=1000) by ubuntu(uid=0)
Jun 16 08:10:03 ip-172-31-9-133 sshd[1058]: Accepted publickey for ubuntu from 175.114.130.23 port 62529 ssh2: RSA SHA256:nHI
Jun 16 08:10:03 ip-172-31-9-133 sshd[1058]: pam_unix(sshd:session): session opened for user ubuntu(uid=1000) by ubuntu(uid=0)
```

확인

```
sudo apt install net-tools
ifconfig
sudo systemctl status ssh
```

요 세개는 우분투 설치PDF에서 했던 것들입니다.

```
ubuntu@ip-172-31-9-133:~$ sudo ufw allow 22/tcp
Rules updated
Rules updated (v6)
ubuntu@ip-172-31-9-133:~$ sudo ufw allow 80/tcp
Rules updated
Rules updated (v6)
ubuntu@ip-172-31-9-133:~$ sudo ufw allow 8005/tcp
Rules updated
Rules updated (v6)
ubuntu@ip-172-31-9-133:~$ sudo ufw allow 8080/tcp
Rules updated
Rules updated (v6)
ubuntu@ip-172-31-9-133:~$ sudo ufw allow 6060/tcp
Rules updated
Rules updated (v6)
ubuntu@ip-172-31-9-133:~$ sudo ufw allow 3306/tcp
Rules updated
Rules updated (v6)
ubuntu@ip-172-31-9-133:~$ sudo ufw allow 1521/tcp
Rules updated
Rules updated (v6)
```

인바운드 규칙해놓았지만
혹시 몰라서 한 번 더 해놨습니다.
(안해도됨)

(필수아님)

(필수)

```
ubuntu@ip-172-31-9-133:~$ sudo apt install vim
ubuntu@ip-172-31-9-133:~$ sudo apt install unzip
```

```
ubuntu@ip-172-31-9-133:~$ sudo apt install -y wget
```

```
ubuntu@ip-172-31-9-133:~$ sudo apt update
```

```
1 package can be upgraded. Run 'apt list --upgradable' to see it.
```

```
ubuntu@ip-172-31-9-133:~$ sudo apt install alien unixodbc
```

```
0 upgraded, 211 newly installed, 0 to remove and 1 not upgraded.
```

```
Need to get 83.5 MB of archives.
```

```
After this operation, 285 MB of additional disk space will be used.
```

```
Do you want to continue? [Y/n] y
```


```
Get:1 http://ap-northeast-2.ec2.archive.ubuntu.com/ubuntu noble/main amd64 alien amd64 1:8.24-1 [28.5 kB]
```


```
Get:2 http://ap-northeast-2.ec2.archive.ubuntu.com/ubuntu noble/main amd64 unixodbc amd64 2.3.11-1 [28.5 kB]
```

```
ubuntu@ip-172-31-9-133:~$ sudo apt install libaio-dev
```

```
ubuntu@ip-172-31-9-133:~$ sudo ln -s /usr/lib/x86_64-linux-gnu/libaio.so.1t64 /usr/lib/x86_64-linux-gnu/libaio.so.1
```


1. 오라클 설치

 oracle-xe-11.2.0-1.0.x86_64.rpm.zip

 Disk1

Quick connect...

/home/ubuntu/

Name

..

.cache

.ssh

Disk1

mywork

oradiag_ubuntu

tomcat9

.bash_logout

.bashrc

.lesshtst

.profile

.sudo_as_admin_successful

.viminfo

.Xauthority

apache-tomcat-9.0.17.tar.gz

21. deskset_3.34.133.231

ubuntu@ip-172-31-9-133:~\$ sudo apt
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be
libaio-dev
0 upgraded, 1 newly installed, 0 to
Need to get 21.4 kB of archives.
After this operation, 77.8 kB of ad
Get:1 http://ap-northeast-2.ec2.ar
]
Fetched 21.4 kB in 0s (1371 kB/s)
Selecting previously unselected pac
(Reading database ... 78615 files a
Preparing to unpack .../libaio-dev
Unpacking libaio-dev:amd64 (0.3.113
Setting up libaio-dev:amd64 (0.3.11
Processing triggers for man-db (2.1
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-da

No services need to be restarted.

No containers need to be restarted.

둘중하나 넣어주기
zip 파일 넣으면 unzip 과정 거쳐야 합니다.
귀찮으니 풀어주고 넣어줍시다.

둘중하나 넣어주기
zip 파일 넣으면 unzip 과정 거쳐야 합니다.
귀찮으니 풀어주고 넣어줍시다.

```
ubuntu@ip-172-31-9-133:~$ cd Disk1
ubuntu@ip-172-31-9-133:~/Disk1$ sudo alien --scripts -d oracle-xe-11.2.0-1.0.x86_64.rpm
oracle-xe_11.2.0-2_amd64.deb generated
```

rpm -> deb 변환

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo vi /sbin/chkconfig
```

```
#!/bin/bash
# Oracle 11gR2 XE installer chkconfig hack for Ubuntu
file=/etc/init.d/oracle-xe
if [[ ! `tail -n1 $file | grep INIT` ]]; then
echo >> $file
echo '### BEGIN INIT INFO' >> $file
echo '# Provides: OracleXE' >> $file
echo '# Required-Start: $remote_fs $syslog' >> $file
echo '# Required-Stop: $remote_fs $syslog' >> $file
echo '# Default-Start: 2 3 4 5' >> $file
echo '# Default-Stop: 0 1 6' >> $file
echo '# Short-Description: Oracle 11g Express Edition' >> $file
echo '### END INIT INFO' >> $file
fi
update-rc.d oracle-xe defaults 80 01
```



복붙

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo chmod 755 /sbin/chkconfig
```

권한부여

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo vi /etc/sysctl.d/60-oracle.conf
```

```
# Oracle 11g XE kernel parameters
fs.file-max=6815744
net.ipv4.ip_local_port_range=6000 65000
kernel.sem=250 32000 100 128
kernel.shmmax=536870912
```

복붙

```
ubuntu@ip-172-31-9-133:~/Disk1$ free -m
```

	total	used	free	shared	buff/cache	available
Mem:	957	336	328	0	461	621
Swap:	0	0	0			

swap 공간확인 → total 4000이상이어야 합니다.

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo touch /var/lock/subsys/listener
```

swap 공간을 늘리는 작업을 하려는데

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo fallocate -l 4G /swapfile
fallocate: fallocate failed: No space left on device
ubuntu@ip-172-31-9-133:~/Disk1$ df -h /
```

Filesystem	Size	Used	Avail	Use%	Mounted on
/dev/root	6.8G	6.7G	0	100%	/

루트 공간부족



AWS 볼륨 수정 작업
1페이지~2페이지

AWS 콘솔에서 작업 후 ubuntu 인스턴스에서도 파티션 갱신 및 할당 작업을 해 주어야 합니다.

```
ubuntu@ip-172-31-9-133:~/Disk1$ lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
loop0        7:0      0  27.2M  1 loop /snap/amazon-ssm-agent/11320
loop1        7:1      0  73.9M  1 loop /snap/core22/1981
loop2        7:2      0  50.9M  1 loop /snap/snapd/24505
xvda         202:0    0    12G   0 disk
├--xvda1     202:1    0     7G   0 part /
├--xvda14    202:14   0     4M   0 part
├--xvda15    202:15   0    106M  0 part /boot/efi
└--xvda16    259:0    0    913M  0 part /boot
```

공간확인

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo apt install cloud-guest-utils
```

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo apt clean
```

 설치 잔여물 제거(공간 조금이라도 미리 확보)

```
ubuntu@ip-172-31-9-133:~/Disk1$ df -h /
Filesystem      Size  Used Avail Use% Mounted on
/dev/root        6.8G  6.6G  104M  99% /
```

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo growpart /dev/xvda 1
CHANGED: partition=1 start=2099200 old: size=14677983 end=16777182 new: size=23066591 end=25165790
ubuntu@ip-172-31-9-133:~/Disk1$ sudo resize2fs /dev/xvda1
resize2fs 1.47.0 (5-Feb-2023)
Filesystem at /dev/xvda1 is mounted on /; on-line resizing required
old_desc_blocks = 1, new_desc_blocks = 2
The filesystem on /dev/xvda1 is now 2883323 (4k) blocks long.
```

파티션 재 분배

```
ubuntu@ip-172-31-9-133:~/Disk1$ df -h /
Filesystem      Size  Used Avail Use% Mounted on
/dev/root        11G   6.6G   4.0G  63% /
```

여유공간 확보 완

다시 swap 공간 확보

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo fallocate -l 4G /swapfile
ubuntu@ip-172-31-9-133:~/Disk1$ sudo chmod 600 /swapfile
ubuntu@ip-172-31-9-133:~/Disk1$ sudo mkswap /swapfile
Setting up swspace version 1, size = 4 GiB (4294963200 bytes)
no label, UUID=44877a80-ea08-496c-b3f9-a7931c99553c
ubuntu@ip-172-31-9-133:~/Disk1$ sudo swapon /swapfile
ubuntu@ip-172-31-9-133:~/Disk1$ echo '/swapfile none swap sw 0 0' | sudo tee -a /etc/fstab
/swapfile none swap sw 0 0
ubuntu@ip-172-31-9-133:~/Disk1$ free -m
```

	total	used	free	shared	buff/cache	available
Mem:	957	374	255	0	496	583
Swap:	4095	0	4095			

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo cat /etc/sysctl.d/60-oracle.conf
# Oracle 11g XE kernel parameters
fs.file-max=6815744
net.ipv4.ip_local_port_range=6000 65000
kernel.sem=250 32000 100 128
kernel.shmmax=536870912
```

커널 파라미터를 검증 & 실행

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo service procps start
ubuntu@ip-172-31-9-133:~/Disk1$ sudo sysctl -q fs.file-max
fs.file-max = 9223372036854775807
```

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo dpkg --install oracle-xe_11.2.0-2_amd64.deb
Selecting previously unselected package oracle-xe.
(Reading database ... 78634 files and directories currently installed.)
Preparing to unpack oracle-xe_11.2.0-2_amd64.deb ...
Unpacking oracle-xe (11.2.0-2) ...
Setting up oracle-xe (11.2.0-2) ...
Executing post-install steps...
You must run '/etc/init.d/oracle-xe configure' as the root user to configure the database.
Processing triggers for libc-bin (2.39-0ubuntu8.4) ...
```

오라클 설치


```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo /etc/init.d/oracle-xe configure
```

Oracle Database 11g Express Edition Configuration

This will configure on-boot properties of Oracle Database 11g Express Edition. The following questions will determine whether the database should be **starting** upon system boot, the ports it will use, and the passwords that will be used for database accounts. Press <Enter> to accept the defaults. Ctrl-C will abort.

Specify the HTTP port that will be used for Oracle Application Express **[8080]:6060**

Specify a port that will be used for the database listener **[1521]:**

Specify a password to be used for database accounts. **Note** that the same password will be used for SYS and SYSTEM. Oracle recommends the use of different passwords for each database account. This can be done after initial configuration:

Confirm the password: **admin1234**

Do you want Oracle Database 11g Express Edition to be started on boot **(y/n) [y]:**

Starting Oracle Net Listener...Done

Configuring database...Done

Starting Oracle Database 11g Express Edition instance...Done

Installation completed **successfully**.

설정

```
ubuntu@ip-172-31-9-133:~/Disk1$ sudo vi ~/.bashrc
```

환경변수



복붙(가장아래에)

```
export ORACLE_HOME=/u01/app/oracle/product/11.2.0/xe
export ORACLE_SID=XE
export NLS_LANG=`$ORACLE_HOME/bin/nls_lang.sh`
export ORACLE_BASE=/u01/app/oracle
export LD_LIBRARY_PATH=$ORACLE_HOME/lib:$LD_LIBRARY_PATH
export PATH=$ORACLE_HOME/bin:$PATH
```

```
ubuntu@ip-172-31-9-133:~/Disk1$ source ~/.bashrc
ubuntu@ip-172-31-9-133:~/Disk1$ sudo service oracle-xe start
```

환경변수 재실행 // 오라클 실행

```
ubuntu@ip-172-31-9-133:~/Disk1$ sqlplus sys as sysdba

SQL*Plus: Release 11.2.0.2.0 Production on Mon Jun 16 10:22:01 2025

Copyright (c) 1982, 2011, Oracle. All rights reserved.

Enter password:

Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL> exit
```

sqlplus로 실행 확인

2. 자바 설치

```
ubuntu@ip-172-31-9-133:/home/temp$ sudo apt install openjdk-11-jdk
```

```
ubuntu@ip-172-31-9-133:/home/temp$ java -version
openjdk version "11.0.27" 2025-04-15
OpenJDK Runtime Environment (build 11.0.27+6-post-Ubuntu-0ubuntu124.04)
OpenJDK 64-Bit Server VM (build 11.0.27+6-post-Ubuntu-0ubuntu124.04, mixed mode, sharing)
```

버전 확인

```
ubuntu@ip-172-31-9-133:/home/temp$ sudo vi /etc/profile
```

```
export JAVA_HOME=/usr/lib/jvm/java-11-openjdk-amd64
export JAVA_OPTS=-Dfile.encoding=UTF-8
export classpath=""
export PATH=$JAVA_HOME/bin:$PATH
```

복붙

3. 톰캣 설치

항상 경로와 권한에 주의하세요

```
ubuntu@ip-172-31-9-133:~$ wget https://archive.apache.org/dist/tomcat/tomcat-9/v9.0.17/bin/apache-tomcat-9.0.17.tar.gz
--2025-06-16 10:30:52-- https://archive.apache.org/dist/tomcat/tomcat-9/v9.0.17/bin/apache-tomcat-9.0.17.tar.gz
Resolving archive.apache.org (archive.apache.org)... 65.108.204.189, 2a01:4f9:1a:a084::2
Connecting to archive.apache.org (archive.apache.org)|65.108.204.189|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 10798037 (10M) [application/x-gzip]
Saving to: 'apache-tomcat-9.0.17.tar.gz'
```

다운로드

```
apache-tomcat-9.0.17.tar.gz      100%[=====>] 10.30M  105KB/s   in 1m 43s
2025-06-16 10:32:36 (103 KB/s) - 'apache-tomcat-9.0.17.tar.gz' saved [10798037/10798037]
```

```
ubuntu@ip-172-31-9-133:~$ tar xvzfp apache-tomcat-9.0.17.tar.gz
```

```
ubuntu@ip-172-31-9-133:~$ sudo mv apache-tomcat-9.0.17 tomcat9
```

```
ubuntu@ip-172-31-9-133:~$ ll
```

```
total 10600
drwxr-x--- 8 ubuntu ubuntu    4096 Jun 16 10:51 ./
drwxr-xr-x 4 root   root      4096 Jun 16 10:23 ../
-rw----- 1 ubuntu ubuntu     61 Jun 16 08:10 .Xauthority
-rw-r--r-- 1 ubuntu ubuntu    220 Mar 31  2024 .bash_logout
-rw-r--r-- 1 ubuntu ubuntu   4020 Jun 16 10:21 .bashrc
drwx----- 2 ubuntu ubuntu    4096 Jun 16 08:10 .cache/
-rw-r--r-- 1 ubuntu ubuntu    807 Mar 31  2024 .profile
drwx----- 2 ubuntu ubuntu    4096 Jun 16 08:07 .ssh/
-rw-r--r-- 1 ubuntu ubuntu     0 Jun 16 08:10 .sudo_as_admin_successful
-rw----- 1 ubuntu ubuntu    780 Jun 16 09:39 .viminfo
drwxrwxr-x 4 ubuntu ubuntu    4096 Jun 16 09:08 Disk1/
-rw-rw-r-- 1 ubuntu ubuntu 10798037 Mar 13  2019 apache-tomcat-9.0.17.tar.gz
drwxrwxrwx 2 root   root      4096 Jun 16 08:39 mywork/
drwxrwxr-x 3 ubuntu ubuntu    4096 Jun 16 10:22 oradiag_ubuntu/
drwxrwxr-x 9 ubuntu ubuntu    4096 Jun 16 10:51 tomcat9/
```



```
ubuntu@ip-172-31-9-133:~/tomcat9/bin$ sudo vi setenv.sh
```

톰캣 시간 맞추기

```
#!/bin/bash
```

```
export JAVA_OPTS="$JAVA_OPTS -Duser.timezone=Asia/Seoul -Doracle.jdbc.timezoneAsRegion=false"
```

sudo chmod 777 setenv.sh 파일 권한 설정

```
ubuntu@ip-172-31-9-133:~/tomcat9/bin$ timedatectl status
      Local time: Mon 2025-06-16 10:57:40 UTC
      Universal time: Mon 2025-06-16 10:57:40 UTC
          RTC time: Mon 2025-06-16 10:57:40
      Time zone: Etc/UTC (UTC, +0000)
System clock synchronized: yes
      NTP service: active
      RTC in local TZ: no
```

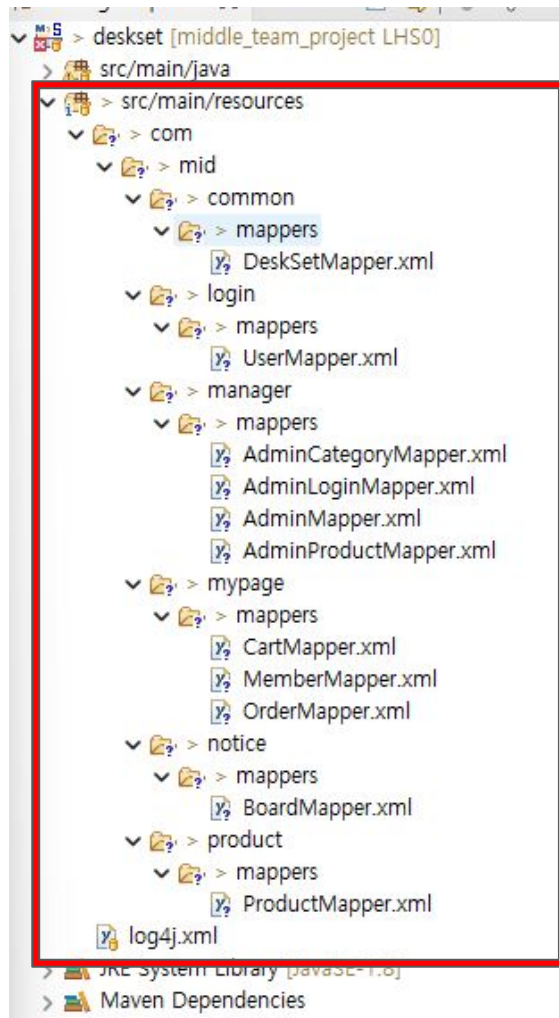
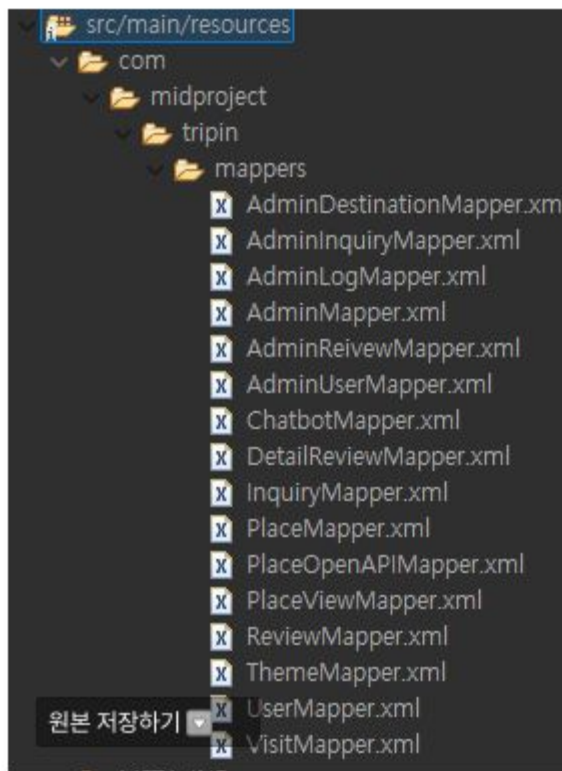
시스템 시간 확인

```
ubuntu@ip-172-31-9-133:~/tomcat9/bin$ sudo timedatectl set-timezone Asia/Seoul
ubuntu@ip-172-31-9-133:~/tomcat9/bin$ timedatectl status
      Local time: Mon 2025-06-16 19:59:10 KST
      Universal time: Mon 2025-06-16 10:59:10 UTC
          RTC time: Mon 2025-06-16 10:59:10
      Time zone: Asia/Seoul (KST, +0900)
System clock synchronized: yes
      NTP service: active
      RTC in local TZ: no
```

시스템 시간 맞추기

4. STS3 작업

먼저 mapper 파일은 전부 resources에 넣어주시길 바랍니다.



두번째로는 root-context 파일 안에 mapperLocations 에서 *를 추가해주세요

```
<property name="mapperLocations" value="classpath*:com/midproject/tripin/mappers/**/*.Mapper.xml" />
```

```
<bean id="sqlSessionFactory" class="org.mybatis.spring.SqlSessionFactoryBean">
```

```
  <property name="dataSource" ref="dataSource" />
```

```
  <property name="mapperLocations" value="classpath:com/mid/**/*.mappers/**/*.Mapper.xml"></property>
```

```
</bean>
```

마지막으로 pom.xml build 부분에 기존 프로젝트명과 같이 finalName으로 명시해주세요

```
<!-- Test -->
```

```
<dependency>
```

```
  <groupId>junit</groupId>
```

```
  <artifactId>junit</artifactId>
```

```
  <version>4.7</version> <!-- 가능한 JUnit 4.12 이상 또는 -->
```

```
  <scope>test</scope>
```

```
</dependency>
```

```
</dependencies>
```

```
<build>
```

```
  <finalName>tripin2</finalName>
```

```
  <plugins>
```

```
    <plugin>
```

```
      <artifactId>maven-eclipse-plugin</artifactId>
```

```
      <version>2.9</version>
```

```
      <configuration>
```

```
</dependencies>
```

```
<build>
```

```
  <finalName>deskset</finalName>
```

```
  <plugins>
```

```
    <plugin>
```

Package Explorer

deskset/pom.xml

root-context.xml

211 </dependency>

212

deskset [middle team project LHS01]

New

Go Into

Open in New Window

Open Type Hierarchy F4

Show In Alt+Shift+W

Show in Local Terminal

Copy Ctrl+C

Copy Qualified Name

Paste Ctrl+V

Delete Delete

Remove from Context Ctrl+Alt+Shift+Down

Build Path

Source Alt+Shift+S

Refactor Alt+Shift+T

Import...

Export...

Refresh F5

Close Project

Close Unrelated Projects

Assign Working Sets...

Run As

Debug As

Profile As

Restore from Local History...

Java EE Tools

Maven

Team

Compare With

Replace With

Configure

Spring

Validate

Properties Alt+Enter

1 Run on Server

2 Java Application Alt+Shift+X, J

3 JUnit Test Alt+Shift+X, T

4 Maven build Alt+Shift+X, M

5 Maven build...

6 Maven clean

7 Maven generate-sources

8 Maven install

9 Maven test

Run Configurations...

Problems Servers

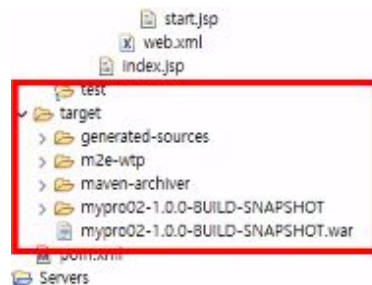
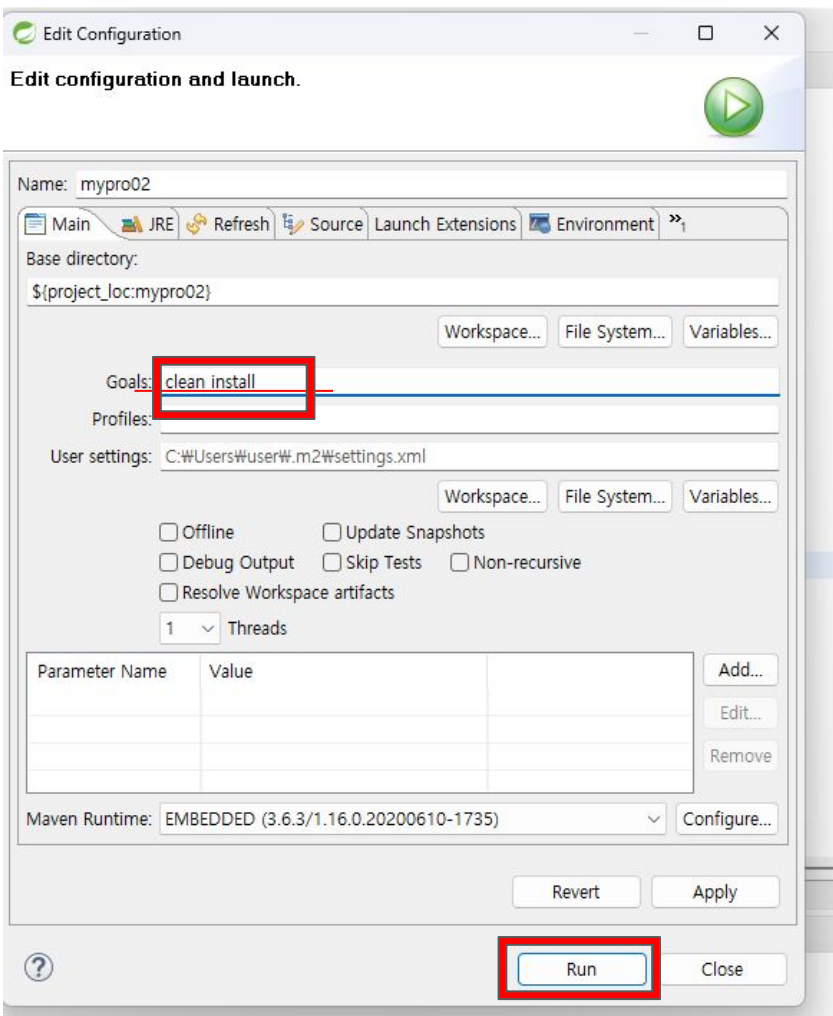
build] C:\Program Files\Java\jdk-11\bin\javaw.exe (20

build in [2499 msecs]

```
<dependency>
  <groupId>org.apache.httpcomponents.<
  <artifactId>httpclient5</artifactId>
  <version>5.2</version>
</dependency>

<dependencies>

<finalName>deskset</finalName>
<ins>
<plugin>
  <artifactId>maven-eclipse-plugin<
  <version>2.9</version>
  <configuration>
    <additionalProjectnatures>
      <projectnature>org.spring
    </additionalProjectnatures>
    <additionalBuildcommands>
      <buildcommand>org.spring
    </additionalBuildcommands>
  </configuration>
</plugin>
</ins>
</dependencies>
```



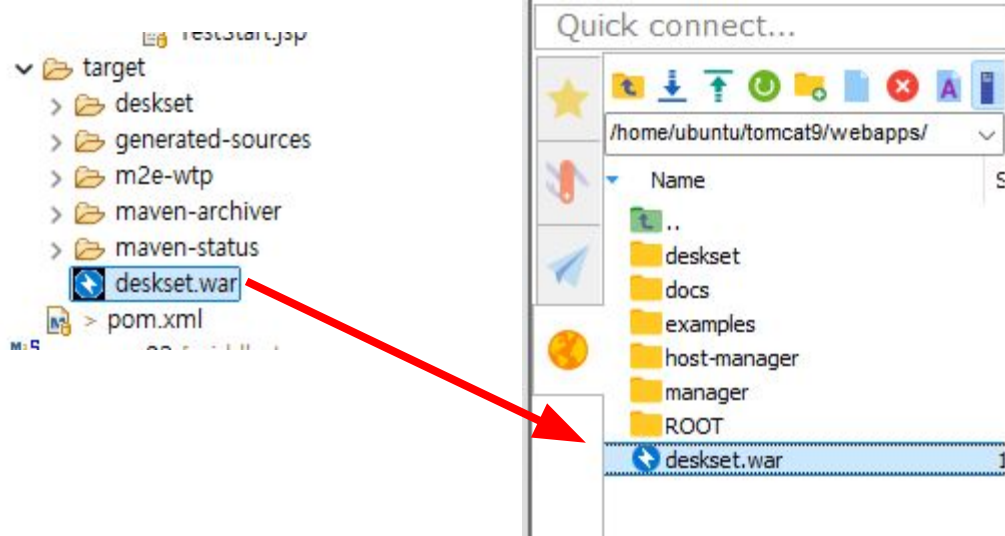
```
78 <excl
79 <
80 <
81 </exc
82 </exclusi
83 <scope>ru
84 </dependency>
85
86 <!-- @Inject
87 <dependency>
88 <groupId>
89 <artifact
```

Overview Dependencies Dependency Hierarchy Effective POM pom.xml

Console Progress Problems Servers

<terminated> mypro02 (2) [Maven Build] C:\Program Files\Java\jdk-11\

```
[INFO] Installing D:\spring
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 1.613
[INFO] Finished at: 2025-
[INFO] -----
```



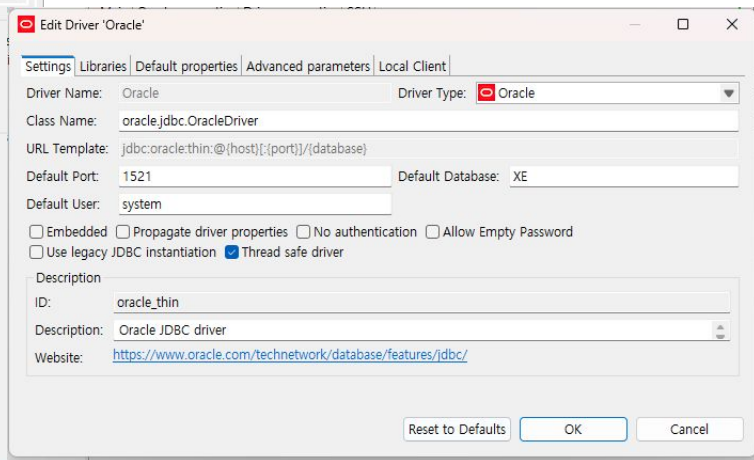
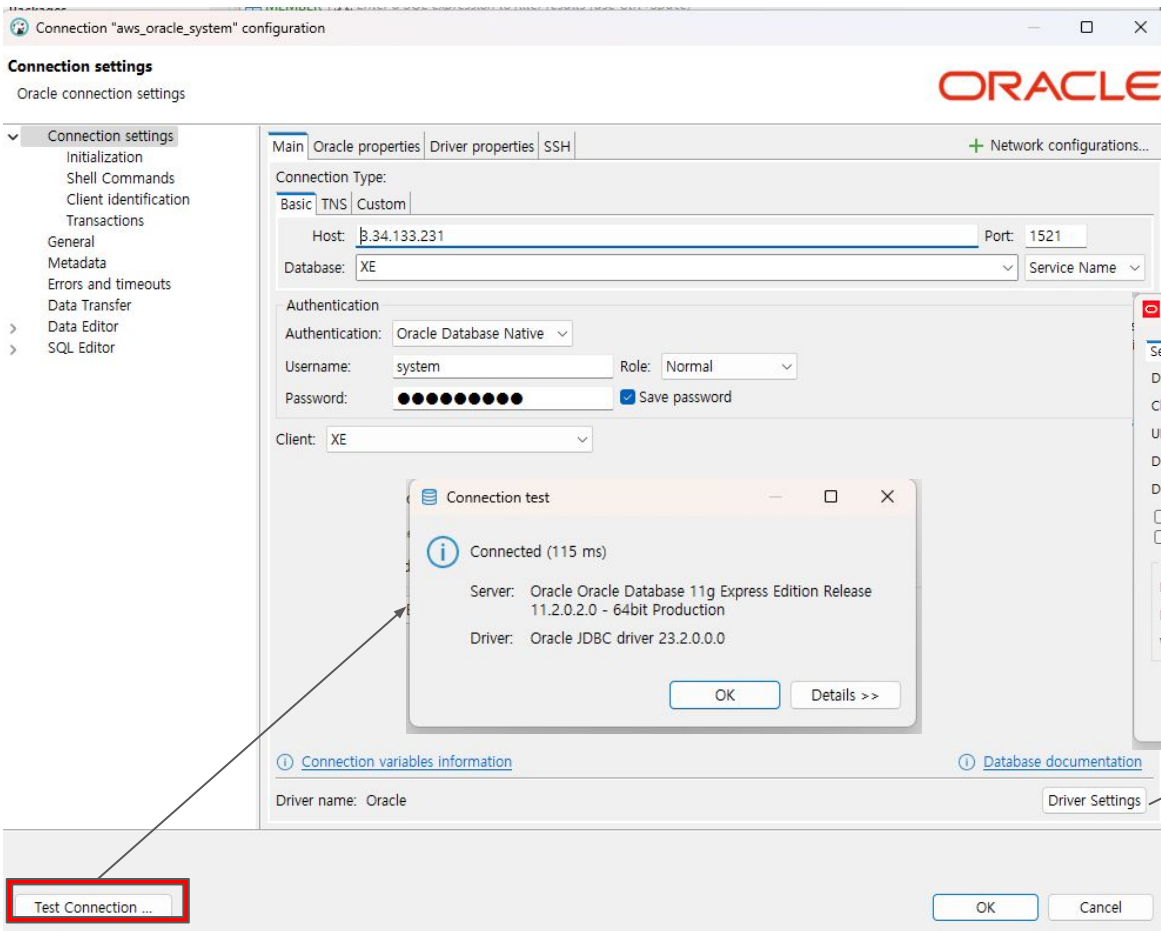
생성된 .war 파일을
서버 webapps 밑에 넣어주고

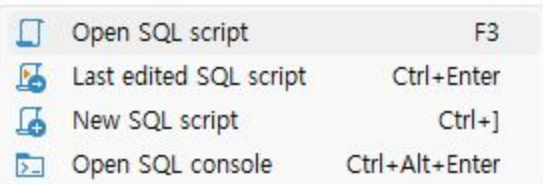
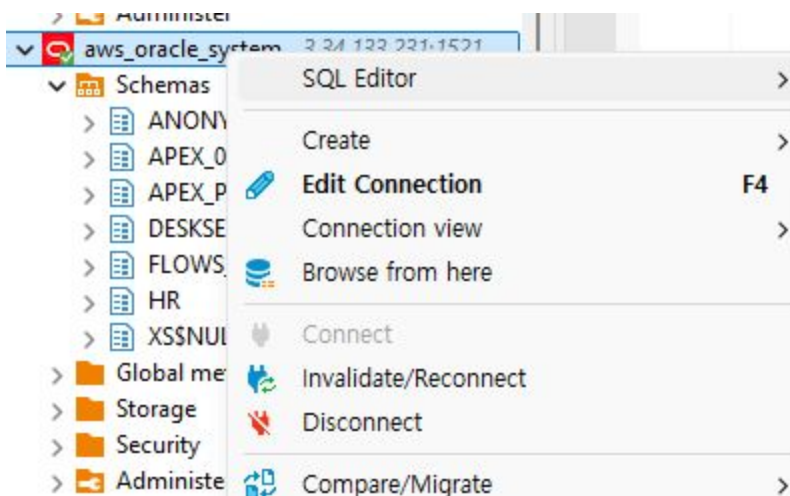
```
ubuntu@ip-172-31-9-133:~/tomcat9/bin$ /home/ubuntu/tomcat9/bin/startup.sh
Using CATALINA_BASE:   /home/ubuntu/tomcat9
Using CATALINA_HOME:   /home/ubuntu/tomcat9
Using CATALINA_TMPDIR: /home/ubuntu/tomcat9/temp
Using JRE_HOME:        /usr
Using CLASSPATH:       /home/ubuntu/tomcat9/bin/bootstrap.jar:/home/ubuntu/tomcat9/bin/tomcat-juli.jar
Tomcat started.
```

톰캣 실행

5. 디비버 - 오라클 커넥트

시스템 계정 먼저 연결





쿼리문 실행전에 터미널에서
/home/temp 폴더 권한 수정

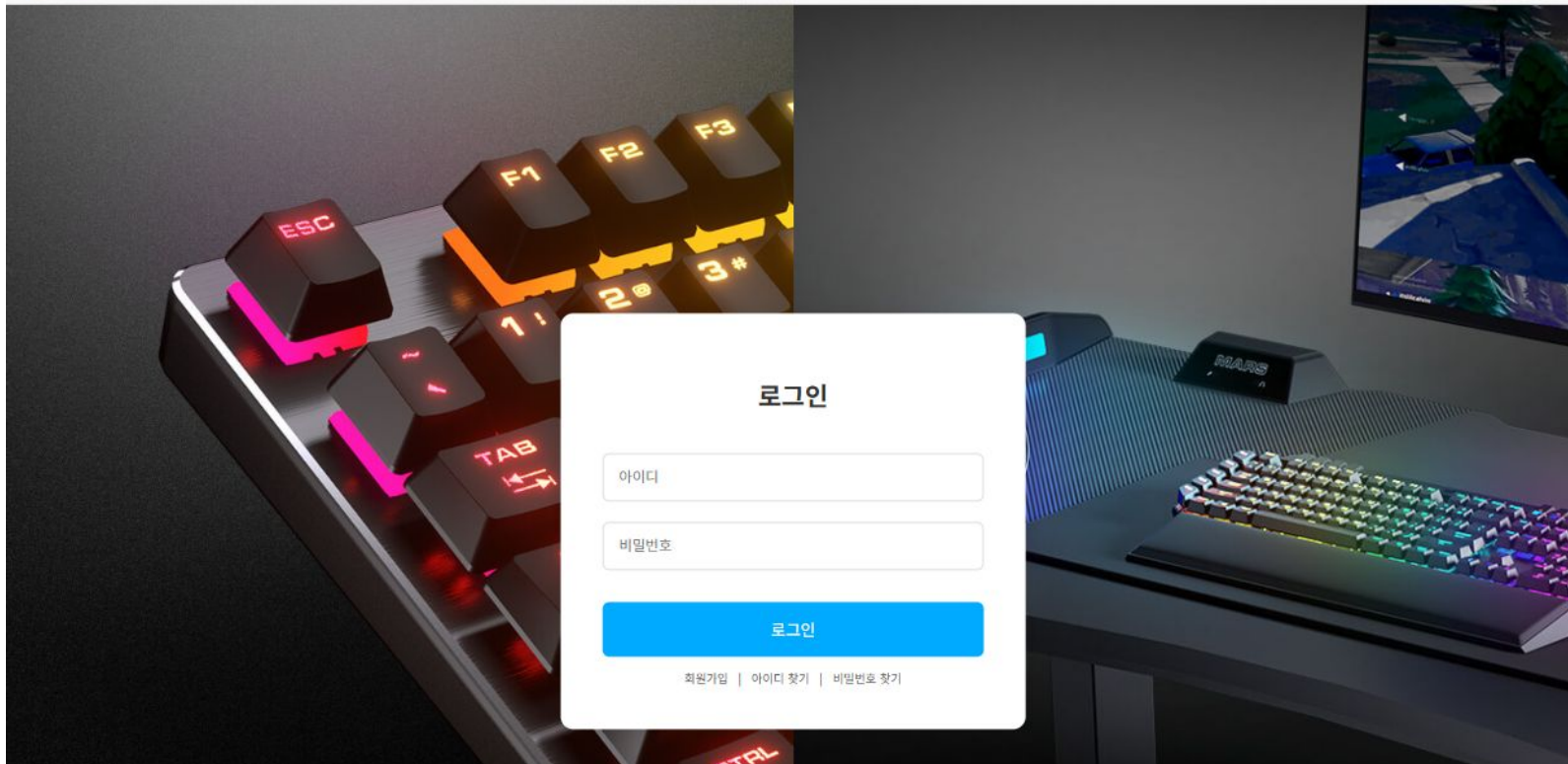
```
ubuntu@ip-172-31-9-133:/home$ sudo chmod 777 temp
```



```
1  -- 중간프로젝트 계정만들기
2  CREATE TABLESPACE deskset
3  datafile '/home/temp/deskset.dbf' size 50M
4  autoextend on
5  next 10M
6  maxsize unlimited;
7
8  CREATE USER deskset IDENTIFIED BY 1234 DEFAULT TABLESPACE deskset;
9  GRANT CONNECT, RESOURCE TO deskset;
```

: 본인 프로젝트
계정

후에 프로젝트 DB 입력하시면 됩니다.





회원가입

아마존

AWS

중복확인

사용할 수 있는 아이디어입니다.

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●●●●●●●●●●

AWS@AWS.com

010-7777-7777

아마존 아마존

가입하기

로그인

Database Navigator

Enter a part of object name here

aws_oracle_deskset 3.34.133.231:1521

- Schemas
 - ANONYMOUS
 - APEX_040000
 - APEX_PUBLIC_USER
 - DESKSET
 - Tables
 - ADMIN 64K
 - ATTR 64K
 - ATTR_VALUE 64K
 - CART 64K
 - CATEGORY 64K
 - COUPON_SALE 64K
 - FAQ 64K
 - MEMBER 64K
 - Columns
 - Constraints
 - Foreign Keys
 - References
 - Triggers
 - Indexes
 - Dependencies
 - NOTICE 64K
 - ORDERS 64K
 - ORDERS_DETAIL 64K
 - PAYMENT 64K
 - PAYMENT_TYPE 64K
 - PRODUCT 64K
 - PRODUCT_EXP_IMG
 - PRODUCT_TAG 64K
 - REVIEW 64K
 - TAG 64K

Properties Data Diagram

MEMBER Enter a SQL expression to filter results (use Ctrl+Space)

Grid	A-Z MEM_NO	A-Z MEM_NAME	A-Z MEM_EMAIL	A-Z MEM_ID	A-Z MEM_PWD	A-Z MEM_ADDR
1	MEM000005	아마존	AWS@AWS.com	AWS	Awsubuntu!!	아마존 아마존
2	MEM000001	김회원	kimmember@deskset.com	mem01	1q2w3e4r!!	서울시 마포구 고개길 10 11-22 1층
3	MEM000002	이회원	leemember@deskset.com	mem02	1q2w3e4r!!	서울시 마포구 화로 10번길 상현아파트
4	MEM000003	박회원	parkmember@deskset.com	mem03	1q2w3e4r!!	서울시 마포구 화로 10번길 상현아파트
5	MEM000004	최회원	choimember@deskset.com	mem04	1q2w3e4r!!	서울시 마포구 화로 10번길 상현아파트

디비 입력까지 잘 되는 것 확인

최고의 환경, 데스크셋에서

지금 바로 당신만의 게이밍 셋팅을 완성하세요.



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지금 구매하세요!

EVENT

