



PART 5

오라클 DB 설치

오라클 클라우드 우분투 설치

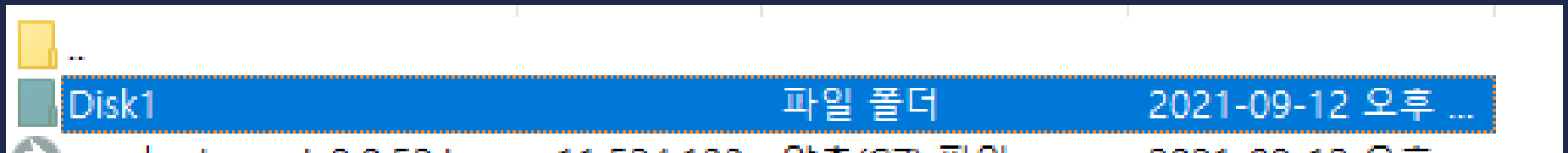
2021 게임소프트웨어과 3기 이주용



이제 Oracle-XE를 설치 하겠습니다

```
root@inst:~# apt-get -y install net-tools
```

apt-get -y install net-tools



Disk1 폴더를 업로드

```
root@inst:~# cd ~  
root@inst:~# cd Disk1/  
root@inst:~/Disk1#
```

cd ~
cd Disk1

```
root@inst:~/Disk1# dpkg --install oracle-xe_11.2.0-2_amd64.deb
Selecting previously unselected package oracle-xe.
(Reading database ... 70623 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...
/var/lib/dpkg/info/oracle-xe.postinst: line 114: /sbin/chkconfig: No such file or directory
You must run '/etc/init.d/oracle-xe configure' as the root user to configure the database.

Processing triggers for libc-bin (2.31-0ubuntu9.2) ...
Processing triggers for systemd (245.4-4ubuntu3.11) ...
Processing triggers for mime-support (3.64ubuntu1) ...
```

dpkg --install oracle-xe_11.2.0-2_amd64.deb

```
root@inst:~/Disk1# /etc/init.d/oracle-xe configure
```

/etc/init.d/oracle-xe configure

```
root@inst:~/Disk1# /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]:8090

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

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

Starting Oracle Net Listener...Done
Configuring database...█
```

8090, 1521, 1234 2번 입력, y + 기나긴 기다림

```
root@inst:~/Disk1# systemctl start oracle-xe
root@inst:~/Disk1# systemctl status oracle-xe
● oracle-xe.service - SYSV: This is a program that is responsible for taking care of
   Loaded: loaded (/etc/init.d/oracle-xe; generated)
   Active: active (exited) since Tue 2021-09-14 14:38:05 UTC; 4s ago
     Docs: man:systemd-sysv-generator(8)
   Process: 3724 ExecStart=/etc/init.d/oracle-xe start (code=exited, status=0/SUCCESS)

Sep 14 14:38:05 inst systemd[1]: Starting SYSV: This is a program that is responsible for taking care of..
Sep 14 14:38:05 inst oracle-xe[3724]: Oracle Database 11g Express Edition instance is already started
Sep 14 14:38:05 inst systemd[1]: Started SYSV: This is a program that is responsible for taking care of.
root@inst:~/Disk1#
```

systemctl start oracle-xe 입력 후
systemctl status oracle-xe 입력해서
위처럼 **active(exited)**로 나오는지 확인


```
root@inst:~/Disk1# vim /etc/bash.bashrc
```

vim /etc/bash.bashrc

```
root@inst: ~/Disk1

# System-wide .bashrc file for interactive bash(1) shells.

# To enable the settings / commands in this file for login shells as well,
# this file has to be sourced in /etc/profile.

# If not running interactively, don't do anything
[ -z "$PS1" ] && return

# check the window size after each command and, if necessary,
# update the values of LINES and COLUMNS.
shopt -s checkwinsize

# set variable identifying the chroot you work in (used in the prompt below)
if [ -z "${debian_chroot:-}" ] && [ -r /etc/debian_chroot ]; then
    debian_chroot=$(cat /etc/debian_chroot)
fi

# set a fancy prompt (non-color, overwrite the one in /etc/profile)
# but only if not SUDOing and have SUDO_PS1 set; then assume smart user.
if ! [ -n "${SUDO_USER}" -a -n "${SUDO_PS1}" ]; then
    PS1='${debian_chroot:+($debian_chroot)}\u@\h:\w\$ '
fi

# Commented out, don't overwrite xterm -T "title" -n "icontitle" by default.
# If this is an xterm set the title to user@host:dir
#case "$TERM" in
#xterm*|rxvt*)
#    PROMPT_COMMAND='echo -ne "\033]0;${USER}@${HOSTNAME}: ${PWD}\007"'
#    ;;
#*)
#
#-- INSERT --
```

a를 누르면 INSERT로 바뀐다

```
root@inst: ~/Disk1

# sudo hint
if [ ! -e "$HOME/.sudo_as_admin_successful" ] && [ ! -e "$HOME/.hushlogin" ] ; then
    case " $(groups) " in *\ admin\ *|\ sudo\ *)
        if [ -x /usr/bin/sudo ]; then
            cat <<-EOF
            To run a command as administrator (user "root"), use "sudo <command>".
            See "man sudo_root" for details.

            EOF
        fi
    esac
fi

# if the command-not-found package is installed, use it
if [ -x /usr/lib/command-not-found -o -x /usr/share/command-not-found/command-not-found ]; then
    function command_not_found_handle {
        # check because c-n-f could've been removed in the meantime
        if [ -x /usr/lib/command-not-found ]; then
            /usr/lib/command-not-found -- "$1"
            return $?
        elif [ -x /usr/share/command-not-found/command-not-found ]; then
            /usr/share/command-not-found/command-not-found -- "$1"
            return $?
        else
            printf "%s: command not found\n" "$1" >&2
            return 127
        fi
    }
fi

. /u01/app/oracle/product/11.2.0/xe/bin/oracle_env.sh
-- INSERT --
```

맨 밑에

. /u01/app/oracle/product/11.2.0/xe/bin/oracle_env.sh 입력

```
fi  
./u01/app/oracle/product/11.2.0/xe/bin/oracle_env.sh  
:wq
```

ESC누르고 :wq 입력

```
root@inst:~# cd /etc/init.d  
root@inst:/etc/init.d# vim oracle
```

cd /etc/init.d
vim oracle

```
#!/bin/bash
su - oracle
. /u01/app/oracle/product/11.2.0/xe/bin/oracle_env.sh
systemctl start oracle-xe
```

#!/bin/bash

su - oracle

**. /u01/app/oracle/product/11.2.0/xe/
bin/oracle_env.sh**

systemctl start oracle-xe

입력후 ESC + :wq 로 나온다

```
root@inst:/etc/init.d# update-rc.d oracle defaults
```

update-rc.d oracle defaults

```
root@inst:/etc/init.d# reboot
```

```
root@inst:~# systemctl start oracle-xe.service
```

reboot 로 컴퓨터를 다시 부팅한 후
systemctl start oracle-xe.service


```
root@inst:~# sqlplus

SQL*Plus: Release 11.2.0.2.0 Production on Tue Sep 14 14:53:12 2021

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

Enter user-name: system
Enter password:

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

SQL> show user;
USER is "SYSTEM"
```

**확인해보면 system으로 접속이 되는것을
확인할 수 있다**