

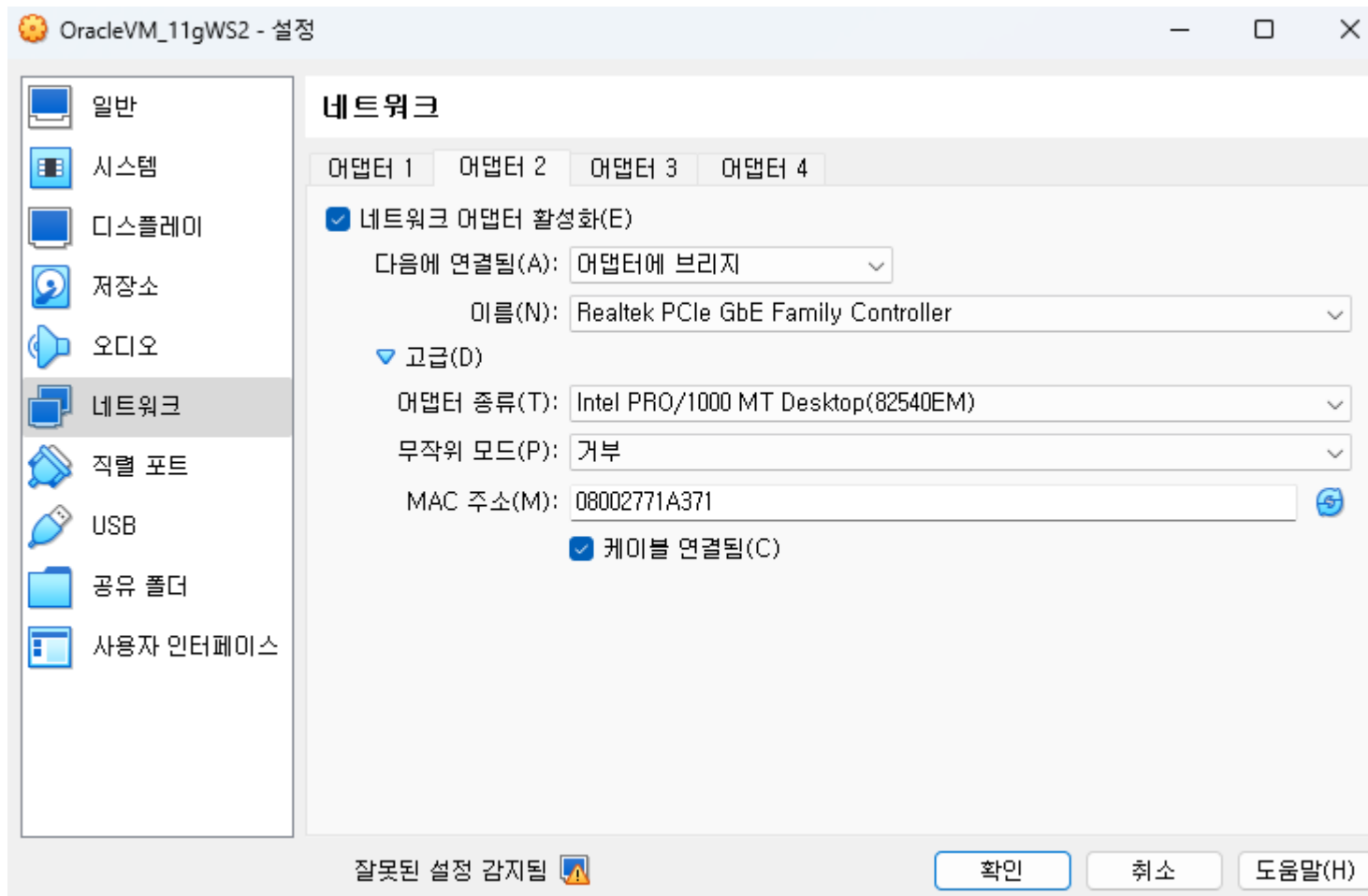
## 🌸 31. scp 명령어 (dba에게 꼭 필요한 명령어)

SCP

=> 원격지에 파일을 복사하는 명령어

=> 리눅스 서버의 IP 주소를 고유한 IP 주소로 설정을 해야 실습을 할 수 있다.

1. 리눅스 서버 모두 종료
2. oracle vm virtual box 관리자 → 설정 → 네트워크 → 어댑터에 브리지  
→ 시작 → root 로 로그인 (pw: oracle) → open terminal (마우스 우클릭)



```
cd /etc/sysconfig/network-scripts/ -> 리눅스의 네트워크 관련한 설정 파일들이 있는 곳
ls
ifconfig -> eth1 이 있는지 확인하시오.
```

=> 호스트 어댑터 only 네트워크를 사용했는데 어댑터의 브리지로 변경했기 때문에 ip가 할당이 안되어 있을 거다.

```
gedit ifcfg-eth1
```

edit 전

→

edit 후

```
ifcfg-eth1 (/etc/sysconfig/network-scripts) - gedit
File Edit View Search Tools Documents Help
New Open Save Print... Undo Redo Cut Copy Paste Find Replace
ifcfg-eth1 x
# Intel Corporation 82540EM Gigabit Ethernet Controller
DEVICE=eth1
BOOTPROTO=dhcp
ONBOOT=yes
HWADDR=08:00:27:71:a3:71
Ln 1, Col 1 INS
```

```
*ifcfg-eth1 (/etc/sysconfig/network-scripts) - gedit
File Edit View Search Tools Documents Help
New Open Save Print... Undo Redo Cut Copy Paste Find Replace
*ifcfg-eth1 x
# Intel Corporation 82540EM Gigabit Ethernet Controller
DEVICE=eth1
BOOTPROTO=static
ONBOOT=yes
HWADDR=08:00:27:71:a3:71
IPADDR=192.168.19.40
NETMASK=255.255.255.0
GATEWAY=192.168.0.1
DNS1=168.126.63.1
DNS2=8.8.8.8
Ln 6, Col 21 INS
```

- 설정된 내용을 확인한다

cat ifcfg-eth1

- 변경한 네트워크 정보를 반영하기 위해서 네트워크 서비스를 내렸다가 올린다.

service network restart --> 모두 녹색 OK가 나오면 된다.

- IP 주소가 잘 반영되었는지 확인

ifconfig

```
[root@edydr1p0 network-scripts]# ifconfig
eth0      Link encap:Ethernet HWaddr 08:00:27:50:92:85
          inet addr:10.0.2.128 Bcast:10.0.2.255 Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe50:9285/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
          RX packets:14 errors:0 dropped:0 overruns:0 frame:0
          TX packets:224 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:2208 (2.1 KiB) TX bytes:41225 (40.2 KiB)
          Base address:0xd010 Memory:f0000000-f0020000

eth1      Link encap:Ethernet HWaddr 08:00:27:71:A3:71
          inet addr:192.168.19.40 Bcast:192.168.19.255 Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe71:a371/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
          RX packets:20505 errors:0 dropped:0 overruns:0 frame:0
          TX packets:94 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:1443940 (1.3 MiB) TX bytes:21671 (21.1 KiB)
```

- 외부로 ping을 날려본다

ping 8.8.8.8

- 모바일로 위의 IP (192.168.19.40)으로 접속되는지 확인한다.

session settings

SSH

Telnet

Rsh

Xdmcp

RDP

VNC

FTP

SFTP

Serial

File

Shell

Browser

Mosh

Aws S3

WSL

Basic SSH settings

Remote host \*

192.168.19.40

Specify username

oracle

Port

22

Advanced SSH settings

Terminal settings

Network settings

Bookmark settings

Secure Shell (SSH) session

OK

Cancel

```

Last login: Thu Jan 18 09:44:18 2024 from 192.168.56.1
[orcl:~]$ su -
Password:
[root@edydr1p0 ~]# ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:50:92:85
          inet addr:10.0.2.128  Bcast:10.0.2.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe50:9285/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:1905  errors:0 dropped:0 overruns:0 frame:0
          TX packets:2115  errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:187604 (183.2 KiB)  TX bytes:226463 (221.1 KiB)
          Base address:0xd010 Memory:f0000000-f0020000

eth1      Link encap:Ethernet  HWaddr 08:00:27:71:A3:71
          inet addr:192.168.19.40  Bcast:192.168.19.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe71:a371/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:72163  errors:0 dropped:0 overruns:0 frame:0
          TX packets:177  errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:4864923 (4.6 MiB)  TX bytes:53665 (52.4 KiB)
          Base address:0xd040 Memory:f0820000-f0840000

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:6669  errors:0 dropped:0 overruns:0 frame:0
          TX packets:6669  errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:5735407 (5.4 MiB)  TX bytes:5735407 (5.4 MiB)

[root@edydr1p0 ~]#

```

- ssh로 짝꿍 자리로 접속하기  
ssh oracle@192.168.19.39

```

oracle@192.168.19.39's password:
Last login: Thu Jan 18 11:20:57 2024 from 192.168.19.20
[orcl:~]$ su -
Password:
[root@edydr1p0 ~]# ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:50:92:85
          inet addr:10.0.2.128  Bcast:10.0.2.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe50:9285/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:2140  errors:0 dropped:0 overruns:0 frame:0
          TX packets:2286  errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:211058 (206.1 KiB)  TX bytes:237916 (232.3 KiB)
          Base address:0xd010 Memory:f0000000-f0020000

eth1      Link encap:Ethernet  HWaddr 08:00:27:93:4E:6A
          inet addr:192.168.19.39  Bcast:192.168.19.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe93:4e6a/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:80425  errors:0 dropped:0 overruns:0 frame:0
          TX packets:323  errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:5541805 (5.2 MiB)  TX bytes:61788 (60.3 KiB)
          Base address:0xd040 Memory:f0820000-f0840000

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:6513  errors:0 dropped:0 overruns:0 frame:0
          TX packets:6513  errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:5849307 (5.5 MiB)  TX bytes:5849307 (5.5 MiB)

```

- 내 서버에서 oracle 유저에서 /home/oracle 밑에 csv\_files.zip 파일이 있는지 확인하기  
ls -l \*.zip
- csv\_files.zip 파일의 이름을 psh.zip 으로 변경합니다.  
mv csv\_files.zip psh.zip
- scp 명령어로 짝궁 서버로 psh.zip 파일을 전송하시오.  
scp psh.zip oracle@192.168.19.39:/home/oracle

```

[orcl:~]$ ls -l *.zip
-rw-r--r-- 1 oracle oinstall 47672 Jan 18 10:47 csv_files.zip
[orcl:~]$ mv csv_files.zip yys.zip
[orcl:~]$ scp yys.zip oracle@192.168.19.39:/home/oracle
The authenticity of host '192.168.19.39 (192.168.19.39)' can't be established.
RSA key fingerprint is a3:43:5b:0b:8c:76:75:bc:37:b6:29:7f:df:29:ab:f0.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.19.39' (RSA) to the list of known hosts.
oracle@192.168.19.39's password:
yys.zip                                100% 47KB 46.6KB/s 00:00

```

문제 1. (dba를 위한 팁) dba들이 실수로 변경하거나 삭제하는 파scp 일들을 미리 짝궁 서버에 복사해둔다.

환경설정 파일 : .bash\_profile  
mkdir backup

```

scp .bash_profile oracle@192.168.19.39:/home/oracle/backup
cd backup
ls -al .bash_profile

```

문제 2. 나의 오라클 파라미터 파일을 짝궁의 backup 폴더에 보내준다.

```

cd $ORACLE_HOME/dbs
ls -l initorcl.ora
scp initorcl.ora oracle@192.168.19.39:/home/oracle/backup

```

문제 3. 디렉토리를 통채로 짝궁에게 보내기

```

mkdir psh
cp *.csv ./psh/

```

```
scp -r /home/oracle/psh oracle@192.168.19.39:/home/oracle/backup
```