대우능력개발원
DAEWOO DEVELOPMENT OF ABILITY

Rocky Linux 9.4 Project

팀명 : BSFan

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목차

Rocky Linux9.4 설치

Rocky Linux 서버 설정 확인

Server1 설정

```
[root@server1 ~]# hostname
server1
[root@server1 ~]# lsblk
NAME   MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
sda      8:0    0   80G  0 disk
├─sda1   8:1    0    2G  0 part [SWAP]
└─sda2   8:2    0   78G  0 part /
sr0     11:0    1 1024M  0 rom
[root@server1 ~]# free -h
               total        used        free      shared  buff/cache   available
Mem:           3.5Gi       1.4Gi       946Mi        22Mi       1.5Gi       2.1Gi
Swap:          2.0Gi          0B       2.0Gi
```

Server2 설정

```
[lima@server2 ~]$ hostname
server2
[lima@server2 ~]$ lsblk
NAME   MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
sda      8:0    0   80G  0 disk
├─sda1   8:1    0    2G  0 part [SWAP]
└─sda2   8:2    0   78G  0 part /
sr0     11:0    1 1024M  0 rom
[lima@server2 ~]$ free -h
               total        used        free      shared  buff/cache   available
Mem:           3.5Gi       1.4Gi       801Mi        22Mi       1.6Gi       2.1Gi
Swap:          2.0Gi          0B       2.0Gi
```

Server3 설정

```
[lima@server3 ~]$ hostname
server3
[lima@server3 ~]$ lsblk
NAME   MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
sda      8:0    0   80G  0 disk
├─sda1   8:1    0    2G  0 part [SWAP]
└─sda2   8:2    0   78G  0 part /
sr0     11:0    1 1024M  0 rom
[lima@server3 ~]$ free -h
               total        used        free      shared  buff/cache   availab
Mem:           3.5Gi       1.5Gi       789Mi        22Mi       1.5Gi       2.0
Swap:          2.0Gi          0B       2.0Gi
```

1 : 서버 설정

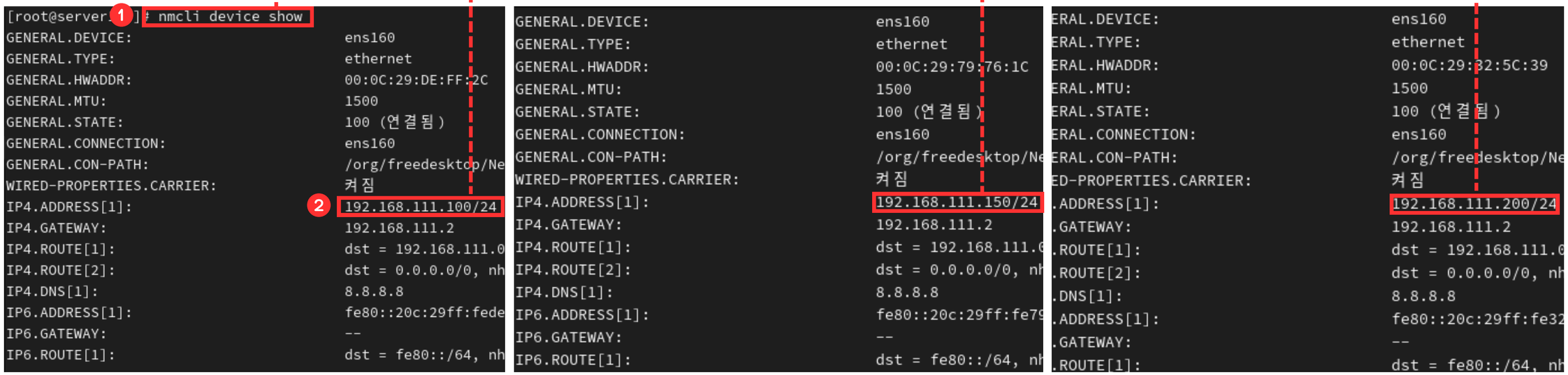
2 : 파티션 확인

3 : 용량 확인

Rocky Linux 서버 3대 주소 설정

확인 명령어

주소 설정 확인



Server1 주소 설정

Server2 주소 설정

Server3 주소 설정

사용자 및 그룹 등록

Rocky Linux 사용자 등록

확인 명령어

사용자 등록 확인

```
[root@server1 ~]# tail /etc/passwd
tcpdump:x:72:72::/:/sbin/nologin
lima:x:1000:1000:server1:/home/lima:/bin/bash
sonhm:x:1001:1001::/sonhm:/bin/bash
leegi:x:1002:1002::/leegi:/bin/bash
kimmj:x:1003:1003::/kimmj:/bin/bash
hwanghc:x:1004:1004::/hwanghc:/bin/bash
yoonjy:x:1005:1005::/yoonjy:/bin/bash
kimtk:x:1006:1006::/kimtk:/bin/bash
kimhe:x:1007:1007::/kimhe:/bin/bash
parkjs:x:1008:1008::/parkjs:/bin/bash
```

Server 1 사용자 등록

```
[root@server2 ~]# tail /etc/passwd
tcpdump:x:72:72::/:/sbin/nologin
lima:x:1000:1000:server2:/home/lima:/bin/bash
sonhm:x:1001:1001::/sonhm:/bin/bash
leegi:x:1002:1002::/leegi:/bin/bash
kimmj:x:1003:1003::/kimmj:/bin/bash
hwanghc:x:1004:1004::/hwanghc:/bin/bash
yoonjy:x:1005:1005::/yoonjy:/bin/bash
kimtk:x:1006:1006::/kimtk:/bin/bash
kimhe:x:1007:1007::/kimhe:/bin/bash
parkjs:x:1008:1008::/parkjs:/bin/bash
```

Server 2 사용자 등록

```
[root@server3 ~]# tail /etc/passwd
tcpdump:x:72:72::/:/sbin/nologin
lima:x:1000:1000:server3:/home/lima:/bin/bash
sonhm:x:1001:1001::/sonhm:/bin/bash
leegi:x:1002:1002::/leegi:/bin/bash
kimmj:x:1003:1003::/kimmj:/bin/bash
hwanghc:x:1004:1004::/hwanghc:/bin/bash
yoonjy:x:1005:1005::/yoonjy:/bin/bash
kimtk:x:1006:1006::/kimtk:/bin/bash
kimhe:x:1007:1007::/kimhe:/bin/bash
parkjs:x:1008:1008::/parkjs:/bin/bash
```

Server 3 사용자 등록

Rocky Linux 그룹 등록

확인 명령어

```
[root@server1 ~]# tail /etc/group
sonhm:x:1001:
leegi:x:1002:
kimmj:x:1003:
hwanghc:x:1004:
yoonjy:x:1005:
kimtk:x:1006:
kimhe:x:1007:
parkjs:x:1008:
eusoccer:x:1009:sonhm,leegi,kimmj,hwanghc
krsoccer:x:1010:yoonjy,kimtk,kimhe,parkjs
```

Server1 그룹 등록

그룹 등록 확인

```
[root@server2 ~]# tail /etc/group
sonhm:x:1001:
leegi:x:1002:
kimmj:x:1003:
hwanghc:x:1004:
yoonjy:x:1005:
kimtk:x:1006:
kimhe:x:1007:
parkjs:x:1008:
eusoccer:x:1009:sonhm,leegi,kimmj,hwanghc
krsoccer:x:1010:yoonjy,kimtk,kimhe,parkjs
```

Server2 그룹 등록

```
[root@server3 ~]# tail /etc/group
sonhm:x:1001:
leegi:x:1002:
kimmj:x:1003:
hwanghc:x:1004:
yoonjy:x:1005:
kimtk:x:1006:
kimhe:x:1007:
parkjs:x:1008:
eusoccer:x:1009:sonhm,leegi,kimmj,hwanghc
krsoccer:x:1010:yoonjy,kimtk,kimhe,parkjs
```

Server3 그룹 등록

디스크 추가 후 LVM 구성

Rocky Linux LVM 구성 (Server 2)

확인 명령어

```
[root@server2 ~]# pvscan
  PV /dev/sdb1   VG DATA   lvm2 [<20.00 GiB / 0    free]
  PV /dev/sdc1   VG DATA   lvm2 [<30.00 GiB / 0    free]
  PV /dev/sdd1   VG DATA   lvm2 [<50.00 GiB / 0    free]
  Total: 3 [<99.99 GiB] / in use: 3 [<99.99 GiB] / in no VG: 0 [0   ]
```

확인 명령어

```
[root@server2 ~]# vgdisplay
  --- Volume group ---
  VG Name               DATA
  System ID
  Format                lvm2
  Metadata Areas        3
  Metadata Sequence No  3
  VG Access             read/write
  VG Status             resizable
  MAX LV                0
  Cur LV                2
  Open LV               2
  Max PV                0
  Cur PV                3
  Act PV                3
  VG Size               <99.99 GiB
  PE Size               4.00 MiB
  Total PE              25597
  Alloc PE / Size       25597 / <99.99 GiB
  Free  PE / Size       0 / 0
  VG UUID               xFof9N-JVcW-D9T7-fnUG-fPTG-4pkm-PNp8Yd
```

결과 확인

확인 명령어

```
[root@server2 ~]# lvscan
  ACTIVE            '/dev/DATA/VIDEO' [40.00 GiB] inherit
  ACTIVE            '/dev/DATA/AUDIO' [<59.99 GiB] inherit
```

- VIDEO(40G), AUDIO(나머지)로 구성함
- PV는 각각 20G/30G/50G로 구성함

디스크 쿼터 설정

Rocky Linux 디스크 쿼터 설정(Server 3)

확인 명령어

```
[root@server3 userHom 1 repquota /userHome/
*** Report for user quotas on device /dev/sdb1
Block grace time: 7days; Inode grace time: 7days
                        Block limits                File limits
User            used    soft    hard  grace    used  soft  hard  grace
----------------------------------------------------------------------
root      --      20       0       0              3     0     0
2 aespa   --      28  716800 1048576              7     0     0
IVE       --      28  716800 1048576              7     0     0
NewJeans  --      28  716800 1048576              7     0     0
```

새로 만든 하드디스크에
사용자 추가

- 하드디스크 10G 추가
- aespa,IVE,NewJeans 이름으로 사용자 추가

확인 명령어

```
[root@server3 1 # lsblk
NAME   MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
sda      8:0    0   80G  0 disk
├─sda1   8:1    0    2G  0 part [SWAP]
└─sda2   8:2    0   78G  0 part /
2 sdb    8:16   0   10G  0 disk
└─sdb1   8:17   0   10G  0 part /userHome
sr0     11:0    1 10.2G  0 rom  /run/media/root/Rocky-9-4-x86_64-dvd
```

서버 구성

Rocky Linux SSH Server 구성

Server3 접속

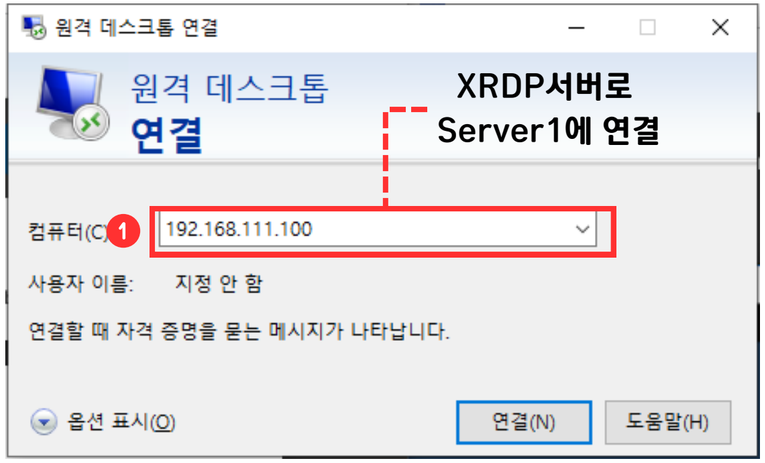
Server2 IP 접속 명령어

```
[root@server3 ~]# ssh lima@192.168.111.150
The authenticity of host '192.168.111.150 (192.168.111.150)' can't be established.
ED25519 key fingerprint is SHA256:Gq4sROOfF4kMq0Koxy2kxljuEuQ+et/zAH58ykn3Pv4.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.111.150' (ED25519) to the list of known hosts.
lima@192.168.111.150's password:
Last login: Wed Oct  2 20:44:50 2024
[lima@server2 ~]$ ls -l
합계 0
drwxr-xr-x. 2 lima lima 6 10월  2 20:44 공개
drwxr-xr-x. 2 lima lima 6 10월  2 20:44 다운로드
drwxr-xr-x. 2 lima lima 6 10월  2 20:44 문서
drwxr-xr-x. 2 lima lima 6 10월  2 20:44 바탕화면
drwxr-xr-x. 2 lima lima 6 10월  2 20:44 비디오
drwxr-xr-x. 2 lima lima 6 10월  2 20:44 사진
drwxr-xr-x. 2 lima lima 6 10월  2 20:44 서식
drwxr-xr-x. 2 lima lima 6 10월  2 20:44 음악
```

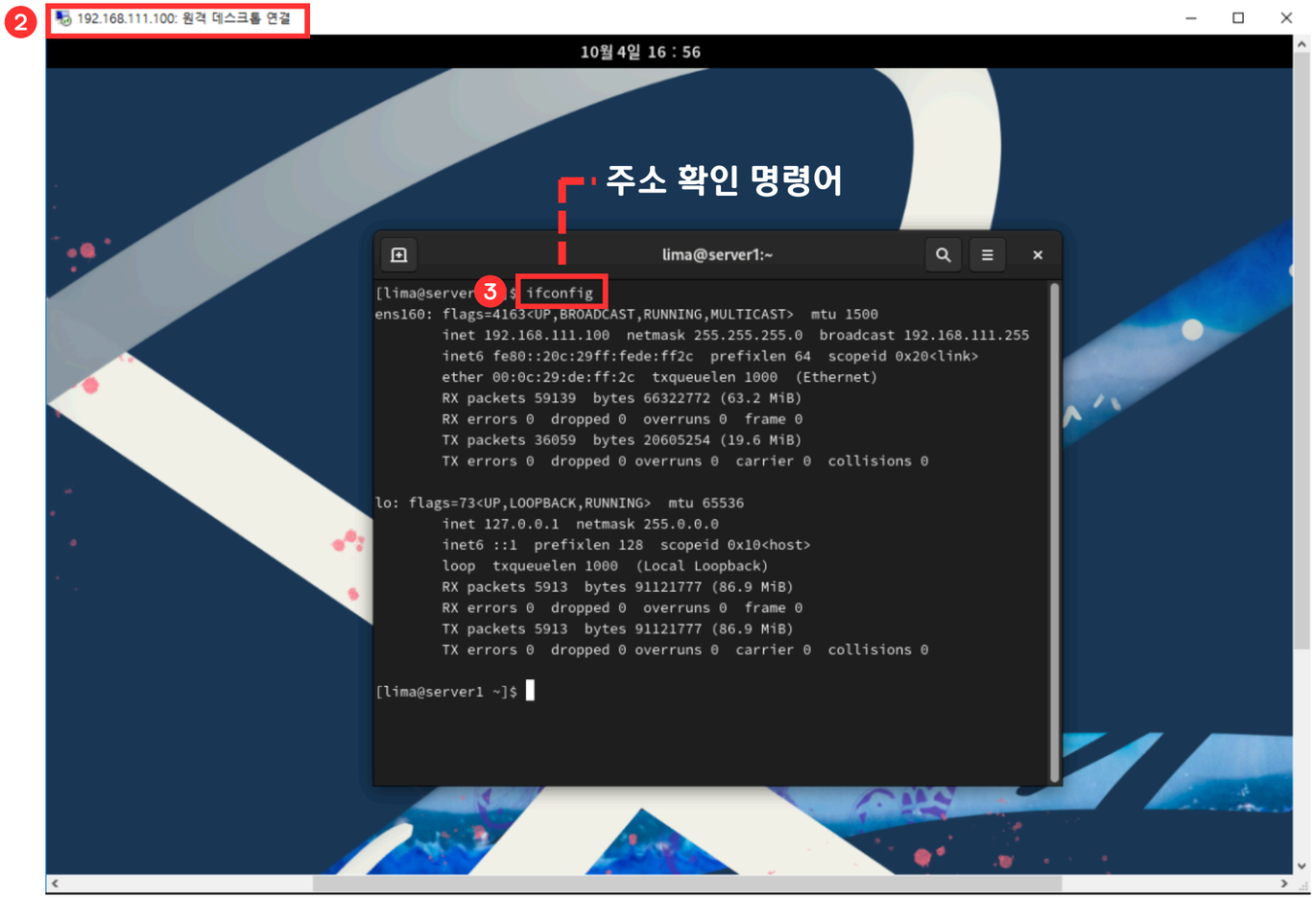
Server2 접속 및 DIR확인

- Server3에서 SSH Server로 Server2의 IP 주소입력 후 접속

Rocky Linux XRDP Server 구성



원격 데스크톱 연결 성공



- XRDP 서버로 Server1에 원격 접속

Rocky Linux DNS Server 구성

root@server1:/var/named — /usr/bin/vim bsfan.com.db

```
$TTL    3H
@       SOA     @       root.   ( 2 1D 1H 1W 1H )
        IN      NS      @
        IN      A       192.168.111.100

server1 IN      A       192.168.111.100
server2 IN      A       192.168.111.150
www     IN      CNAME   server2
ftp     IN      CNAME   server2
```

1

Server1 설치 및
Server2의 CNAME 설정

주소 확인 명령어

```
[root@server1 name 2# nslookup
> server 192.168.111.100
Default server: 192.168.111.100
Address: 192.168.111.100#53
> www.naver.com
Server:         192.168.111.100
Address:        192.168.111.100#53

Non-authoritative answer:
www.naver.com   canonical name = www.naver.com.nheos.com.
Name:   www.naver.com.nheos.com
Address: 223.130.192.247
Name:   www.naver.com.nheos.com
Address: 223.130.192.248
Name:   www.naver.com.nheos.com
Address: 223.130.200.219
Name:   www.naver.com.nheos.com
Address: 223.130.200.236
```

확인 명령어

```
[root@server2 ~]# nslookup
> server
Default server: 192.168.111.100
Address: 192.168.111.100#53
```

3

DNS 서버 동작 확인

Rocky Linux Web Server 구성

httpd 설치

```
[root@server2 ~]1 dnf install httpd
Extra Packages for Enterprise Linux 9 - x86_64   16 kB/s |  12 kB     00:00
Extra Packages for Enterprise Linux 9 - x86_64   23 MB/s |  23 MB     00:00
Rocky Linux 9 - BaseOS                          3.1 kB/s | 4.1 kB     00:01
Rocky Linux 9 - AppStream                       6.6 kB/s | 4.5 kB     00:00
Rocky Linux 9 - Extras                          4.2 kB/s | 2.9 kB     00:00
```

서비스 활성화

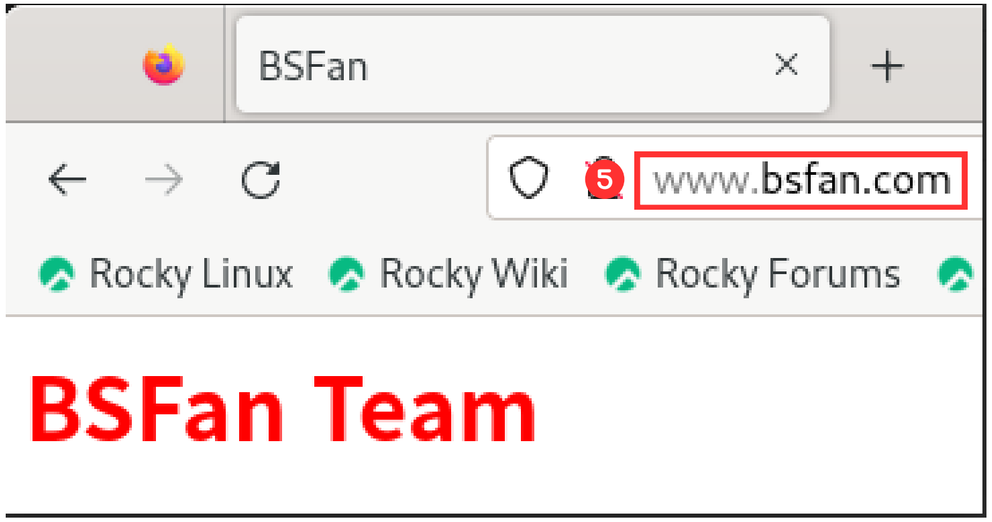
```
[root@server2 ~]# systemctl enable httpd 2
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.
[root@server2 ~]# systemctl restart httpd
[root@server2 ~]# systemctl status httpd
● httpd.service - The Apache HTTP Server
     Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; preset: di>
     Active: active (running) since Mon 2024-10-07 20:57:10 KST; 10s ago
       Docs: man:httpd.service(8)
   Main PID: 40920 (httpd)
     Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes>
      Tasks: 177 (limit: 22836)
     Memory: 21.7M
        CPU: 59ms
     CGroup: /system.slice/httpd.service
             ├─40920 /usr/sbin/httpd -DFOREGROUND
             ├─40922 /usr/sbin/httpd -DFOREGROUND
             ├─40926 /usr/sbin/httpd -DFOREGROUND
             ├─40927 /usr/sbin/httpd -DFOREGROUND
             └─40929 /usr/sbin/httpd -DFOREGROUND
```

Rocky Linux Web Server 구성

/etc/httpd/conf/httpd.conf 환경 설정

```
[root@server2 ~]3 vi /etc/httpd/conf/httpd.conf
[root@server2 ~]4 firewall-cmd --permanent --add-service=https
success
[root@server2 ~]# sudo firewall-cmd --reload
success
```

방화벽 설정



BSFan 도메인 이름으로 웹 서버 접속

Rocky Linux FTP Server 구성

```
[root@server2 ]# systemctl start vsftpd
[root@server2 ~]# systemctl enable vsftpd
Created symlink /etc/systemd/system/multi-user.target.wants/vsftpd.service → /usr/lib/systemd/system/vsftpd.service.
[root@server2 ~]# systemctl status vsftpd
● vsftpd.service - Vsftpd ftp daemon
     Loaded: loaded (/usr/lib/systemd/system/vsftpd.service; enabled; preset: disabled)
     Active: active (running) since Mon 2024-10-07 21:32:02 KST; 20s ago
   Main PID: 42371 (vsftpd)
      Tasks: 1 (limit: 22836)
     Memory: 720.0K
        CPU: 2ms
     CGroup: /system.slice/vsftpd.service
             └─42371 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf

10월 07 21:32:02 server2 systemd[1]: Starting Vsftpd ftp daemon...
10월 07 21:32:02 server2 systemd[1]: Started Vsftpd ftp daemon.
[root@server2 ~]# firewall-cmd --permanent --add-service=ftp
success
[root@server2 ~]# firewall-cmd --reload
success
[root@server2 ~]# firewall-cmd --list-services
cockpit dhcpv6-client ftp http https ssh
```

서비스 시작 및 활성화

방화벽 설정

ftp 접속 확인

```
[root@server1 ~]# ftp ftp.bsfan.com
Connected to ftp.bsfan.com (192.168.111.150).
220 (vsFTPd 3.0.5)
Name (ftp.bsfan.com:root): lima
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> ls
227 Entering Passive Mode (192,168,111,150,235,15).
150 Here comes the directory listing.
drwxr-xr-x    2 1000     1000            6 Oct 02 11:44 공개
drwxr-xr-x    2 1000     1000            6 Oct 02 11:44 다운로드
drwxr-xr-x    2 1000     1000            6 Oct 02 11:44 문서
drwxr-xr-x    2 1000     1000            6 Oct 02 11:44 바탕화면
drwxr-xr-x    2 1000     1000            6 Oct 02 11:44 비디오
drwxr-xr-x    2 1000     1000            6 Oct 02 11:44 사진
drwxr-xr-x    2 1000     1000            6 Oct 02 11:44 서식
drwxr-xr-x    2 1000     1000            6 Oct 02 11:44 음악
226 Directory send OK.
```

Rocky Linux NFS Server 구성

```
[root@server2 ~]# mkdir /share
[root@server2 ~]# chmod 707 /share
[root@server2 ~]# cp /boot/vm* /share
[root@server2 ~]# ls /share
vmlinuz-0-rescue-5209e4bf962e43ed9d83a6bec28224b3  vmlinuz-5.14.0-427.13.1.el9_4.x86_6
[root@server2 ~]# groupadd itwill
[root@server2 ~]# usermod -aG itwill lima
[root@server2 ~]# chown root:itwill /share
[root@server2 ~]# chmod 770 /share
```

/etc/exports 디렉터리에 공유할 디렉터리 생성
itwill 그룹 읽기 쓰기 권한 허용

서비스 가동 확인

```
[root@server2 ~]# exportfs -v
/share          <world>(sync,wdelay,hide,no_subtree_check,sec=sys,rw,secure,root_squash,no_all_squash)
```

```
[root@server2 ~]# firewall-cmd --permanent --add-service=nfs
success
[root@server2 ~]# firewall-cmd --permanent --add-service=mountd
success
[root@server2 ~]# firewall-cmd --permanent --add-service=rpc-bind
success
[root@server2 ~]# firewall-cmd --reload
success
```

방화벽 설정

- Server2에 NFS Server 설정

Rocky Linux NFS Server 구성

```
[root@server1 ~]# showmount -e 192.168.111.150
Export list for 192.168.111.150:
/share *
```

Servr1에서 접속 할 NFS Server(Server2) 공유 디렉터리 확인

공유 디렉터리 생성 및 마운트

```
[root@server1 ~]# cd
[root@server1 ~]# mkdir myShare
[root@server1 ~]# mount -t nfs 192.168.111.150:/share myShare
```

```
[root@server1 ~]# sudo groupadd itwill
[root@server1 ~]# sudo usermod -aG itwill lima
[root@server1 ~]# id lima
uid=1000(lima) gid=1000(lima) groups=1000(lima),1011(itwill)
[root@server1 ~]# su - lima
```

공유 된 디렉터리 접속을 위한 그룹 생성 및 lima 사용자 추가

추가된 lima 사용자의 권한이 똑같은지 확인

마운트 된 공유 디렉터리 내용 확인

```
[lima@server1 ~]$ ls -l myShare
합계 26576
-rwxr-xr-x. 1 root root 13605704 10월  8 20:24 vmlinuz-0-rescue-5209e4bf962e43ed9d83a6bec28224b3
-rwxr-xr-x. 1 root root 13605704 10월  8 20:24 vmlinuz-5.14.0-427.13.1.el9_4.x86_64
[lima@server1 ~]$
```

Rocky Linux DHCP Server 구성

```
[root@server3 ~]# vi /etc/dhcp/dhcpd.conf
[root@server3 ~]# vi /usr/share/doc/dhcp-server/dhcpd.conf.example
[root@server3 ~]# vi /etc/dhcp/dhcpd.conf
[root@server3 ~]# ls -l /var/lib/dhcpd/dhcpd.leases
-rw-r--r--. 1 dhcpd dhcpd 0 10월  26  2023 /var/lib/dhcpd/dhcpd.leases
```

DHCP 클라이언트가 IP주소가 기록된 파일 확인

root@server3:~ — /usr/bin/vim /etc/dhcp/dhcpd.conf

```
#
# DHCP Server Configuration file.
#   see /usr/share/doc/dhcp-server/dhcpd.conf.example
#   see dhcpd.conf(5) man page
#
subnet 192.168.111.0 netmask 255.255.255.0 {
  option routers 192.168.111.2 ;
  option subnet-mask 255.255.255.0 ;
  range dynamic-bootp 192.168.111.55 192.168.111.99 ;
  option domain-name-servers 8.8.8.8 ;
  default-lease-time 10000 ;
  max-lease-time 50000 ;
}
```

DHCP 환경설정 파일 수정

Rocky Linux DHCP Server 구성

시스템 시작 및 활성화

```
[root@server3 ~]# systemctl restart dhcpd
[root@server3 ~]# systemctl enable dhcpd
Created symlink /etc/systemd/system/multi-user.target.wants/dhcpd.service → /usr/lib/systemd/syst
em/dhcpd.service.
```

```
[root@server3 ~]# firewall-cmd --permanent --add-service=dhcp
success
[root@server3 ~]# firewall-cmd --reload
success
[root@server3 ~]# firewall-cmd --list-services
cockpit dhcp dhcpv6-client samba samba-client ssh
```

방화벽 설정

Rocky Linux Samba Server 구성

```
[root@server3 ①# mkdir /share
[root@server3 ~]# groupadd sambaGroup
[root@server3 ~]# chgrp sambaGroup /share
[root@server3 ~]# chmod 770 /share
[root@server3 ~]# usermod -G sambaGroup lima
[root@server3 ~]# smbpasswd -a lima
New SMB password:
Retype new SMB password:
Added user lima.
[root@server3 ②# vi /etc/samba/smb.conf
[root@server3 ~]# testparm
Load smb config files from /etc/samba/smb.conf
③Loaded services file OK.
Weak crypto is allowed by GnuTLS (e.g. NTLM as a compatibility fallback)

Server role: ROLE_STANDALONE
```

Samba의 사용이 허가된 그룹 생성
및 lima 사용자를 그룹에 포함

파일 오류 확인

root@server3:~ — /usr/bin/vim /etc/samba/smb.conf

```
[global]
        workgroup = INBO
        unix charset = UTF-8
        map to guest= Bad User

        security = user

        passdb backend = tdbsam

        printing = cups
        printcap name = cups
        load printers = yes
        cups options = raw
[Share]
        path = /share
        writable = yes
        guest ok = no
        create mode = 0777
        directory mode = 0777
        valid users = @sambaGroup
```

Samba 환경설정 수정

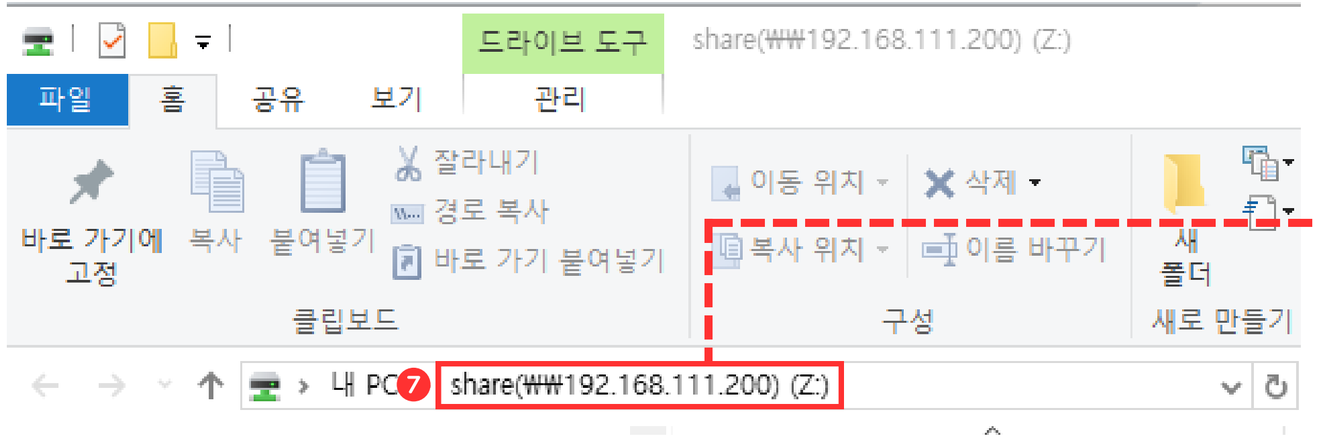
Rocky Linux Samba Server 구성

시스템 시작 및 활성화

```
[root@server3 ~] 4 systemctl restart smb nmb
[root@server3 ~]# systemctl enable smb nmb
Created symlink /etc/systemd/system/multi-user.target.wants/smb.service → /usr/lib/systemd/system
/smb.service.
Created symlink /etc/systemd/system/multi-user.target.wants/nmb.service → /usr/lib/systemd/system
/nmb.service.
[root@server3 ~] 5 firewall-cmd --permanent --add-service=samba
success
[root@server3 ~]# firewall-cmd --permanent --add-service=samba-client
success
[root@server3 ~]# firewall-cmd --reload
success
[root@server3 ~] 6 setsebool -P samba_enable_home_dirs on
[root@server3 ~]# chcon -R -t samba_share_t /share
```

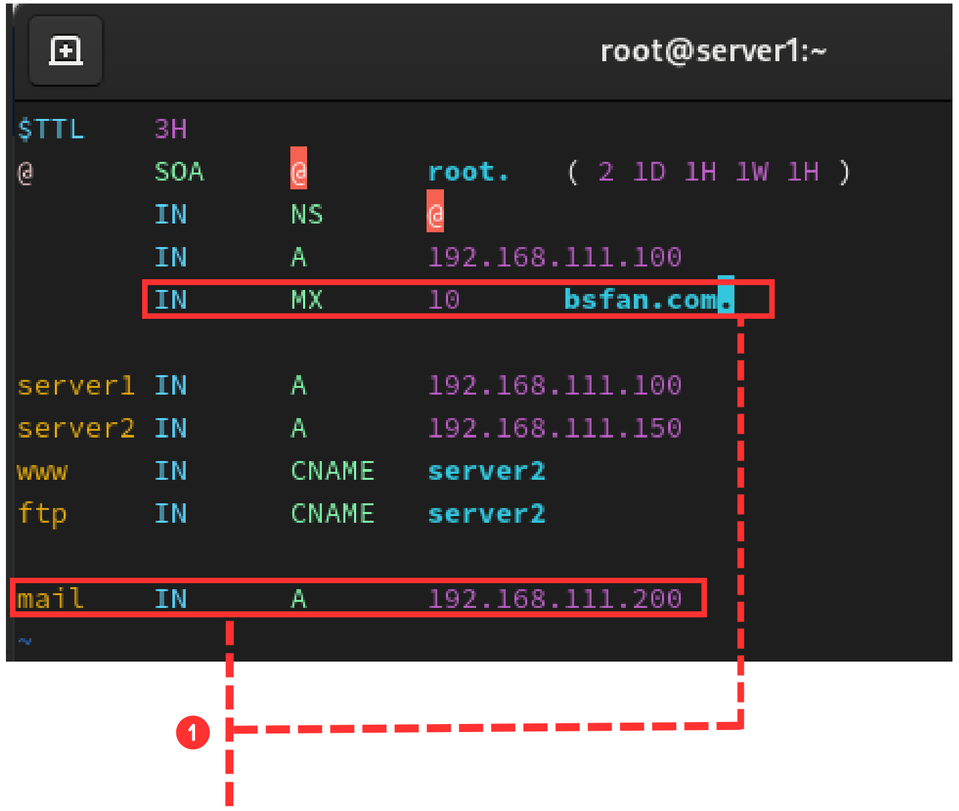
방화벽 설정

SElinux 설정



네트워크 드라이브 연결

Rocky Linux Mail Server 구성



DNS Server에 Mail 처리 컴퓨터 지정

❷ 파일 수정

1. /etc/mail/sendmail.cf 파일 수정
   - Cwlocalhost -〉 Cwbsfan.com
   - Addr=127.0.0.1-〉 삭제

2. /etc/mail/accesse 파일 수정
   - bsfan.com RELAY
   - 192.168.111 RELAY (컴퓨터와 릴레이 허용) =〉2가지를 입력

3. /etc/dovecot/dovecot.conf 파일 수정
   - protocols = imap pop3 lmtp submisson -〉 주석 제거
   - listen = *, :: , base_dir = /var/run/dovecot/ -〉 주석 제거

4. /etc/dovecot/conf.d/10-ssl.conf 파일 수정
   - ssl = required -〉 ssl = yes

5. /etc/dovecot/conf.d/10-mail.conf 파일 수정
   - mail_location = mbox:~/mail:INBOX=/var/mail/%u -〉 주석 제거
   - mail_access_groups = mail , lock_method = fcntl -〉 주석 제거

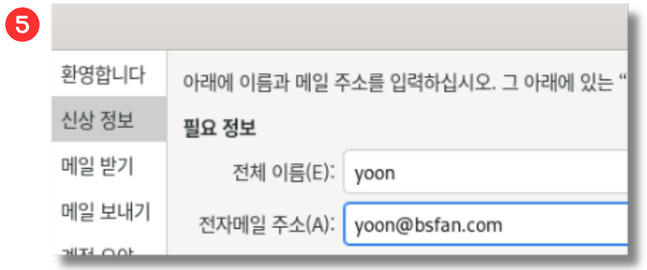
Rocky Linux Mail Server 구성

```
[root@mail ~]# makemap hash /etc/mail/access < /etc/mail/access
[root@mail ~]# systemctl restart sendmail
[root@mail ~]# systemctl enable sendail
root@mail systemctl restart dovecot
```

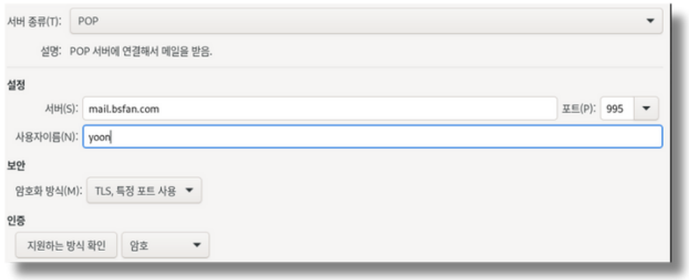
다운 받은 패키지 시작 및 활성화

```
[root@mail ~]# firewall-cmd --permanent --add-service=smtp imap pop3
[root@mail ~]# firewall-cmd --reload
success
```

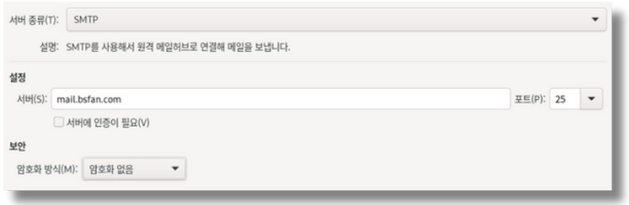
방화벽 설정



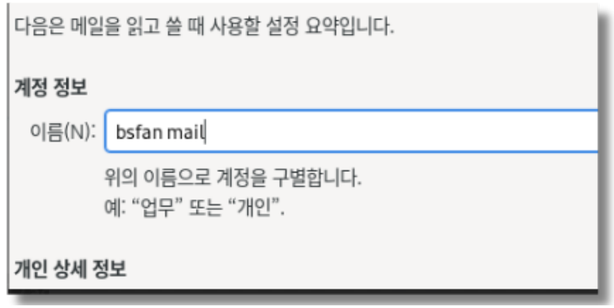
에볼루션 설정 1



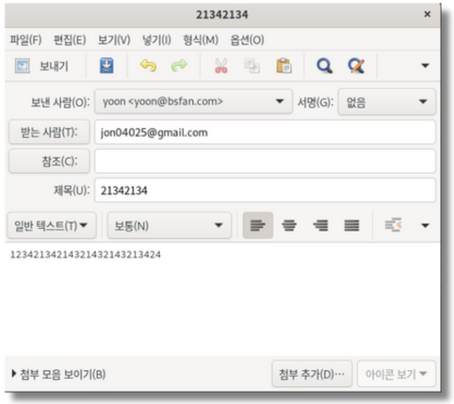
에볼루션 설정 2



에볼루션 설정 3



에볼루션 설정 4



메일 보내기

Rocky Linux Maria DB 구성 및 접속

서비스 시작 및 활성화

```
[root@server2 ~]# systemctl start mariadb
[root@server2 ~]# systemctl enable mariadb
Created symlink /etc/systemd/system/mysql.s
Created symlink /etc/systemd/system/mysqld
Created symlink /etc/systemd/system/multi-u
```

```
[root@server2 ~]# firewall-cmd --permanent --add-service=mysql
success
[root@server2 ~]# firewall-cmd --reload
success
[root@server2 ~]# firewall-cmd --list-service
```

방화벽 설정

DB관리자 비밀번호 변경 및 접속

```
[root@server2 ~]# mysqladmin -u root password '1234';
[root@server2 ~]# mysql -h localhost -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 5
Server version: 10.5.22-MariaDB MariaDB Server
```

Maria DB 활성화, 시작 및 데이터베이스 검색

```
[root@server1 ~]# systemctl restart mariadb
[root@server1 ~]# systemctl enable mariadb
[root@server1 ~]# mysql -h 192.168.111.150 -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ;
Your MariaDB connection id is 12
Server version: 10.5.22-MariaDB MariaDB Server

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation

Type 'help;' or '\h' for help. Type '\c' to clear the

MariaDB [(none)]> show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
+--------------------+
3 rows in set (0.001 sec)

MariaDB [(none)]>
```

```
MariaDB [mysql]> use mysql;
Database changed
```

mysql로 DB 전환

```
MariaDB [(none)]> GRANT ALL PRIVILEGES ON *.* TO 'root'@'%' IDENTIFIED BY '1234' WITH GRANT OPTION;
Query OK, 0 rows affected (0.019 sec)
```

모든 DB에 대한 권한 부여