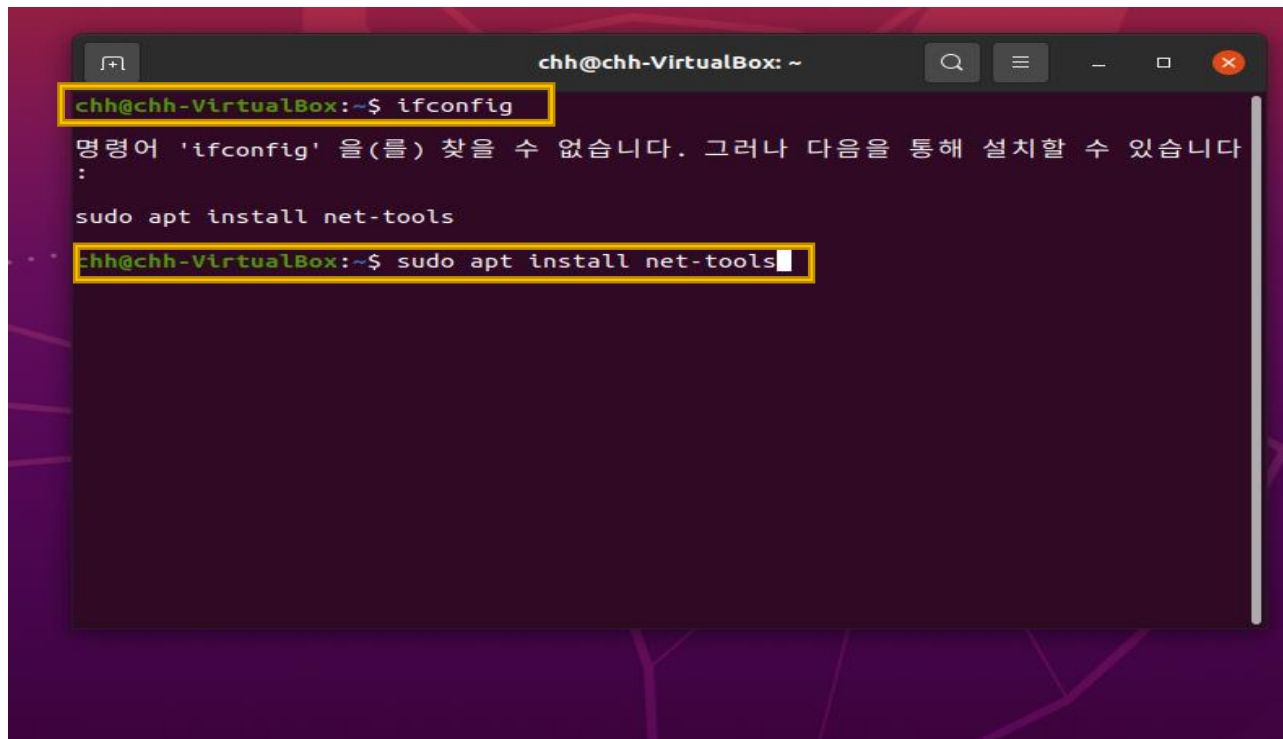


## < SSH 서버 설치 및 기본 설정 과정 >

1. 서버 Ip 찾기 (ifconfig) > 설치가 되지 않았을 경우 > sudo apt install net-tools 설치

A terminal window titled 'chh@chh-VirtualBox: ~' with standard window controls. The first command 'chh@chh-VirtualBox:~\$ ifconfig' is highlighted with a yellow box. The output shows a message in Korean stating that 'ifconfig' is not found but can be installed. The second command 'chh@chh-VirtualBox:~\$ sudo apt install net-tools' is also highlighted with a yellow box, with the cursor at the end of the line.

```
chh@chh-VirtualBox:~$ ifconfig
명령어 'ifconfig' 을(를) 찾을 수 없습니다. 그러나 다음을 통해 설치할 수 있습니다
:
sudo apt install net-tools
chh@chh-VirtualBox:~$ sudo apt install net-tools
```

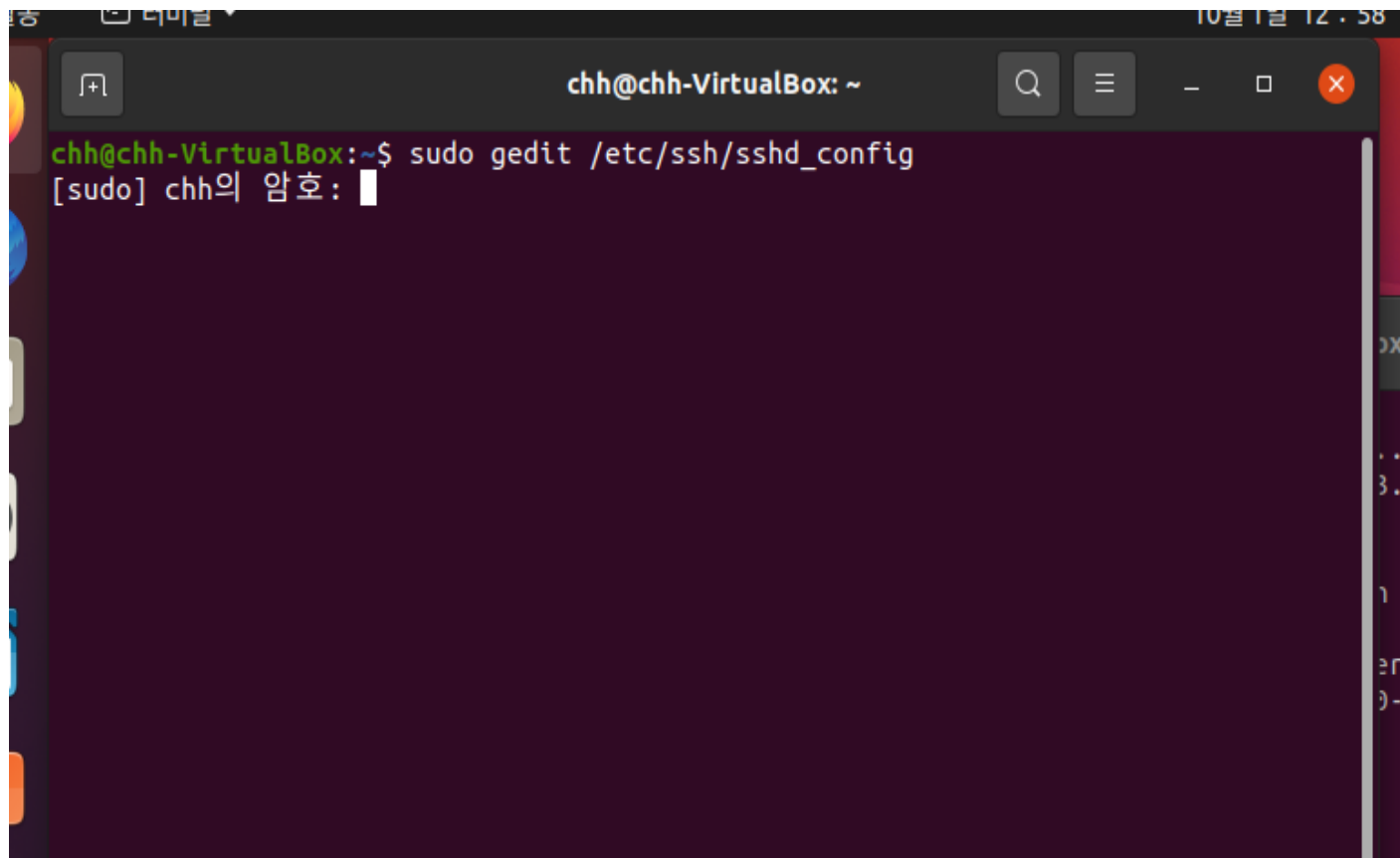
## 2. Ssh 서버 설치 - sudo apt install openssh-server

```
받기:7 http://kr.archive.ubuntu.com/ubuntu focal/universe Translation-k  
]  
받기:8 http://kr.archive.ubuntu.com/ubuntu focal/multiverse Translation-k  
B]  
내려받기 1,237 k바이트, 소요시간 3초 (435 k바이트/초)  
패키지 목록을 읽는 중입니다... 완료  
의존성 트리를 만드는 중입니다  
상태 정보를 읽는 중입니다... 완료  
모든 패키지가 최신입니다.  
chh@chh-VirtualBox:~$ sudo apt install openssh-server
```

## 3. Ssh 서버 설치 상태 확인 – sudo systemctl status ssh (active 초록색 글자)

```
Attempting to convert /etc/ssh/ssh_import_id to  
ncurses-term (6.2-0ubuntu2) 설정하는 중입니다 ...  
Processing triggers for systemd (245.4-4ubuntu3.13) ...  
Processing triggers for man-db (2.9.1-1) ...  
Processing triggers for ufw (0.36-6) ...  
chh@chh-VirtualBox:~$ sudo systemctl status ssh  
● ssh.service - OpenBSD Secure Shell server  
   Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: en  
   Active: active (running) since Fri 2021-10-01 12:56:41 KST; 28s ago  
     Docs: man:ssh(8)  
           man:ssh_config(5)  
   Main PID: 3661 (sshd)  
     Tasks: 1 (limit: 2312)  
    Memory: 1.0M  
    CGroup: /system.slice/ssh.service  
            └─3661 sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups  
  
10월 01 12:56:41 chh-VirtualBox systemd[1]: Starting OpenBSD Secure Shell serve  
10월 01 12:56:41 chh-VirtualBox sshd[3661]: Server listening on 0.0.0.0 port 22.  
10월 01 12:56:41 chh-VirtualBox sshd[3661]: Server listening on :: port 22.  
10월 01 12:56:41 chh-VirtualBox systemd[1]: Started OpenBSD Secure Shell server.  
lines 1-15/15 (END)
```

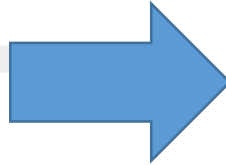
5. 설정 변경 > `sudo gedit /etc/ssh/sshd_config`



```
chh@chh-VirtualBox: ~  
chh@chh-VirtualBox:~$ sudo gedit /etc/ssh/sshd_config  
[sudo] chh의 암호: 
```

## 6. permit RootLogin 앞에 #(주석) 제거 후 prohibit-password 지우고 permitRootLogin yes 입력하고 저장

```
25 #RekeyLimit default none
26
27 # Logging
28 #SyslogFacility AUTH
29 #LogLevel INFO
30
31 # Authentication:
32
33 #LoginGraceTime 2m
34 #PermitRootLogin prohibit-password
35 #StrictModes yes
36 #MaxAuthTries 6
37 #MaxSessions 10
38
39 #PubkeyAuthentication yes
40
41 # Expect .ssh/authorized_keys2 to be disregarded by default in future.
42 #AuthorizedKeysFile .ssh/authorized_keys .ssh/authorized_keys2
43
44 #AuthorizedPrincipalsFile none
45
46 #AuthorizedKeysCommand none
47 #AuthorizedKeysCommandUser nobody
48
49 # For this to work you will also need host keys in /etc/ssh/ssh_known_hosts
50 #HostbasedAuthentication no
51 # Change to yes if you don't trust ~/.ssh/known_hosts for
52 # HostbasedAuthentication
53 #IgnoreUserKnownHosts no
54 # Don't read the user's ~/.rhosts and ~/.shosts files
55 #IgnoreRhosts yes
56
```



```
25 #RekeyLimit default none
26
27 # Logging
28 #SyslogFacility AUTH
29 #LogLevel INFO
30
31 # Authentication:
32
33 #LoginGraceTime 2m
34 PermitRootLogin yes
35 #StrictModes yes
36 #MaxAuthTries 6
37 #MaxSessions 10
38
39 #PubkeyAuthentication yes
40
41 # Expect .ssh/authorized_keys2 to be disregarded by default in future.
42 #AuthorizedKeysFile .ssh/authorized_keys .ssh/authorized_keys2
43
44 #AuthorizedPrincipalsFile none
45
46 #AuthorizedKeysCommand none
47 #AuthorizedKeysCommandUser nobody
48
49 # For this to work you will also need host keys in /etc/ssh/ssh_known_hosts
50 #HostbasedAuthentication no
51 # Change to yes if you don't trust ~/.ssh/known_hosts for
52 # HostbasedAuthentication
53 #IgnoreUserKnownHosts no
54 # Don't read the user's ~/.rhosts and ~/.shosts files
55 #IgnoreRhosts yes
56
```

## 7. sudo service ssh restart



```
chh@chh-VirtualBox: ~  
chh@chh-VirtualBox:~$ sudo gedit /etc/ssh/sshd_config  
[sudo] chh의 암호:  
(gedit:4677): Tepl-WARNING **: 12:59:49.257: GVfs metadata is not supported. Fal  
lback to TeplMetadataManager. Either GVfs is not correctly installed or GVfs met  
adata are not supported on this platform. In the latter case, you should configu  
re Tepl with --disable-gvfs-metadata.  
chh@chh-VirtualBox:~$ sudo service ssh restart
```

## 6. Putty 설치 - <https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>

### Download PuTTY: latest release (0.76)

[Home](#) | [FAQ](#) | [Feedback](#) | [Licence](#) | [Updates](#) | [Mirrors](#) | [Keys](#) | [Links](#) | [Team](#)

Download: **Stable** · [Snapshot](#) | [Docs](#) | [Changes](#) | [Wishlist](#)

This page contains download links for the latest released version of PuTTY. Currently this is 0.76, released on 2021-07-17.

When new releases come out, this page will update to contain the latest, so this is a good page to bookmark or link to. Alternatively, here is a [permanent link to the 0.76 release](#).

Release versions of PuTTY are versions we think are reasonably likely to work well. However, they are often not the most up-to-date version of the code available. If you have a problem with this release, then it might be [snapshots](#), to see if the problem has already been fixed in those versions.

#### Package files

You probably want one of these. They include versions of all the PuTTY utilities.

(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

##### MSI (Windows Installer)

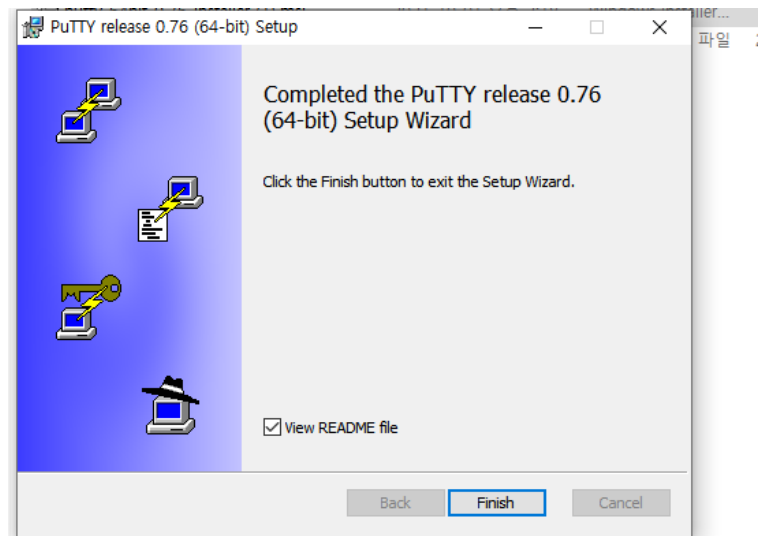
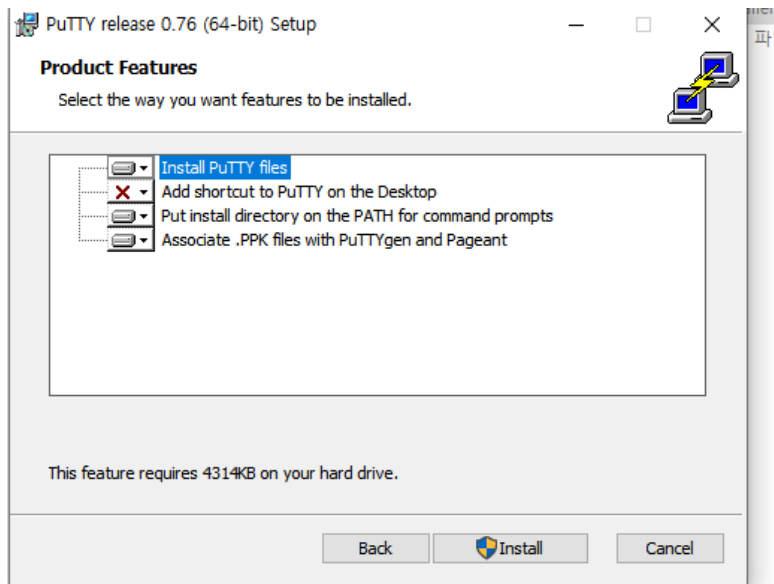
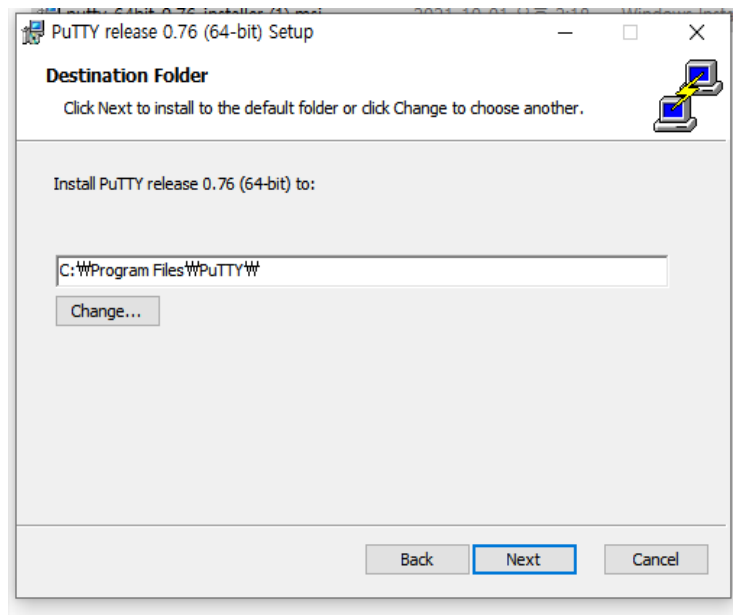
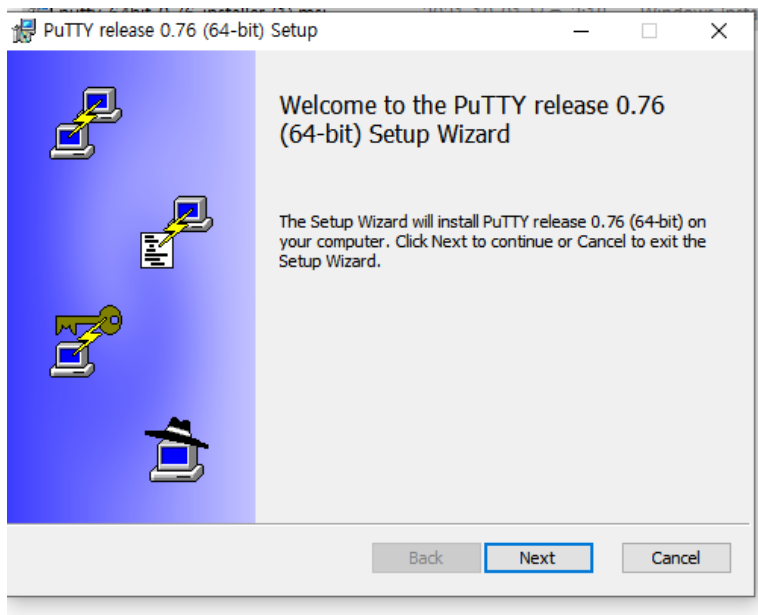
64-bit x86:	<a href="#">putty-64bit-0.76-installer.msi</a>	<a href="#">(or by FTP)</a>	<a href="#">(signature)</a>
64-bit Arm:	<a href="#">putty-arm64-0.76-installer.msi</a>	<a href="#">(or by FTP)</a>	<a href="#">(signature)</a>
32-bit x86:	<a href="#">putty-0.76-installer.msi</a>	<a href="#">(or by FTP)</a>	<a href="#">(signature)</a>

##### Unix source archive

.tar.gz:	<a href="#">putty-0.76.tar.gz</a>	<a href="#">(or by FTP)</a>	<a href="#">(signature)</a>
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#### Alternative binary files

## 7. Putty 설치 완료



8. Host Name 란에 서버 IP 주소 입력 후 Open 클릭

9. 계정 로그인

