

Choose the Virtual Machine Hardware Compatibility

Which hardware features are needed for this virtual machine?

Virtual machine hardware compatibility

Hardware compatibility: Workstation 12.0

Compatible with: ☒ ESX Server

Compatible products:

- Fusion 8.x
- Workstation 12.0

Limitations:

- 64 GB memory
- 16 processors
- 10 network adapters
- 8 TB disk size

Help < Back Next > Cancel

New Virtual Machine Wizard



Select a Guest Operating System

Which operating system will be installed on this virtual machine?

Guest operating system

- ☐ Microsoft Windows
- ☒ Linux
- ☐ Novell NetWare
- ☐ Solaris
- ☐ VMware ESX
- ☐ Other

Version

Ubuntu 64-bit

Help

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Cancel

New Virtual Machine Wizard



Guest Operating System Installation

A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?

Install from:

☐ Installer disc:

No drives available

☐ Installer disc image file (iso):

C:\Users\Wuyh40\Desktop\96_리눅스 첨부자료\

Browse...

☒ I will install the operating system later.

The virtual machine will be created with a blank hard disk.

Help

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Cancel

New Virtual Machine Wizard



Name the Virtual Machine

What name would you like to use for this virtual machine?

Virtual machine name:

Ubuntu 64-bit

Location:

C:\Users\Wuyh40\Documents\Virtual Machines\Ubuntu 64-bit

Browse...

The default location can be changed at Edit > Preferences.

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Cancel



New Virtual Machine Wizard



Processor Configuration

Specify the number of processors for this virtual machine.

Processors

Number of processors:

1

Number of cores per processor:

1

Total processor cores:

1

Help

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Memory for the Virtual Machine

How much memory would you like to use for this virtual machine?

Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.

64 GB -	Memory for this virtual machine:	1024 MB
32 GB -		
16 GB -		
8 GB -		
4 GB -	Maximum recommended memory:	6324 MB
2 GB -		
1 GB -	Recommended memory:	1024 MB
512 MB -		
256 MB -		
128 MB -		
64 MB -	Guest OS recommended minimum:	512 MB
32 MB -		
16 MB -		
8 MB -		
4 MB -		

Help

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New Virtual Machine Wizard



Network Type

What type of network do you want to add?

Network connection

☐ Use bridged networking

Give the guest operating system direct access to an external Ethernet network. The guest must have its own IP address on the external network.

☒ Use network address translation (NAT)

Give the guest operating system access to the host computer's dial-up or external Ethernet network connection using the host's IP address.

☐ Use host-only networking

Connect the guest operating system to a private virtual network on the host computer.

☐ Do not use a network connection

Help

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Cancel



New Virtual Machine Wizard



Select I/O Controller Types

Which SCSI controller type would you like to use?

I/O controller types

SCSI Controller:

- ☐ BusLogic (Not available for 64-bit guests)
- ☒ LSI Logic (Recommended)
- ☐ LSI Logic SAS

Help

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New Virtual Machine Wizard



Select a Disk Type

What kind of disk do you want to create?

Virtual disk type

☐ IDE

☒ SCSI (Recommended)

☐ SATA

Help

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Cancel



New Virtual Machine Wizard



Select a Disk

Which disk do you want to use?

Disk



Create a new virtual disk

A virtual disk is composed of one or more files on the host file system, which will appear as a single hard disk to the guest operating system. Virtual disks can easily be copied or moved on the same host or between hosts.



Use an existing virtual disk

Choose this option to reuse a previously configured disk.



Use a physical disk (for advanced users)

Choose this option to give the virtual machine direct access to a local hard disk.

Help

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New Virtual Machine Wizard



Specify Disk Capacity

How large do you want this disk to be?

Maximum disk size (GB):

20.0

Recommended size for Ubuntu 64-bit: 20 GB

☐ Allocate all disk space now.

Allocating the full capacity can enhance performance but requires all of the physical disk space to be available right now. If you do not allocate all the space now, the virtual disk starts small and grows as you add data to it.

☒ Store virtual disk as a single file

☐ Split virtual disk into multiple files

Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

Help

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Cancel

New Virtual Machine Wizard



Specify Disk File

Where would you like to store the disk file?

Disk File

One 20 GB disk file will be created using the file name provided here.

Browse...

Help

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Next >

Cancel



New Virtual Machine Wizard



Ready to Create Virtual Machine

Click Finish to create the virtual machine. Then you can install Ubuntu 64-bit.

The virtual machine will be created with the following settings:

Name:	Ubuntu 64-bit
Location:	C:\Users\Wuyh40\Documents\Virtual Machines\W...
Version:	Workstation 12.0
Operating System:	Ubuntu 64-bit
Hard Disk:	20 GB
Memory:	1024 MB
Network Adapter:	NAT
Other Devices:	CD/DVD, USB Controller, Printer, Sound Card



Customize Hardware...

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Finish

Cancel

Hardware



Device	Summary
Memory	1 GB
Processors	1
New CD/DVD (...)	Using file C:\Users\Wuyh40\Desktop\...
Network Adapter	NAT
Display	Auto detect

Device status

- ☐ Connected
- ☒ Connect at power on

Connection

☐ Use physical drive:

Auto detect

☒ Use ISO image file:

C:\Users\Wuyh40\Desktop\...

Browse...

Advanced...

Add...

Remove

Close

Help

New Virtual Machine Wizard



Ready to Create Virtual Machine

Click Finish to create the virtual machine. Then you can install Ubuntu 64-bit.

The virtual machine will be created with the following settings:

Name:	Ubuntu 64-bit
Location:	C:\Users\Wuyh40\Documents\Virtual Machines\W...
Version:	Workstation 12.0
Operating System:	Ubuntu 64-bit
Hard Disk:	20 GB
Memory:	1024 MB
Network Adapter:	NAT
Other Devices:	CD/DVD

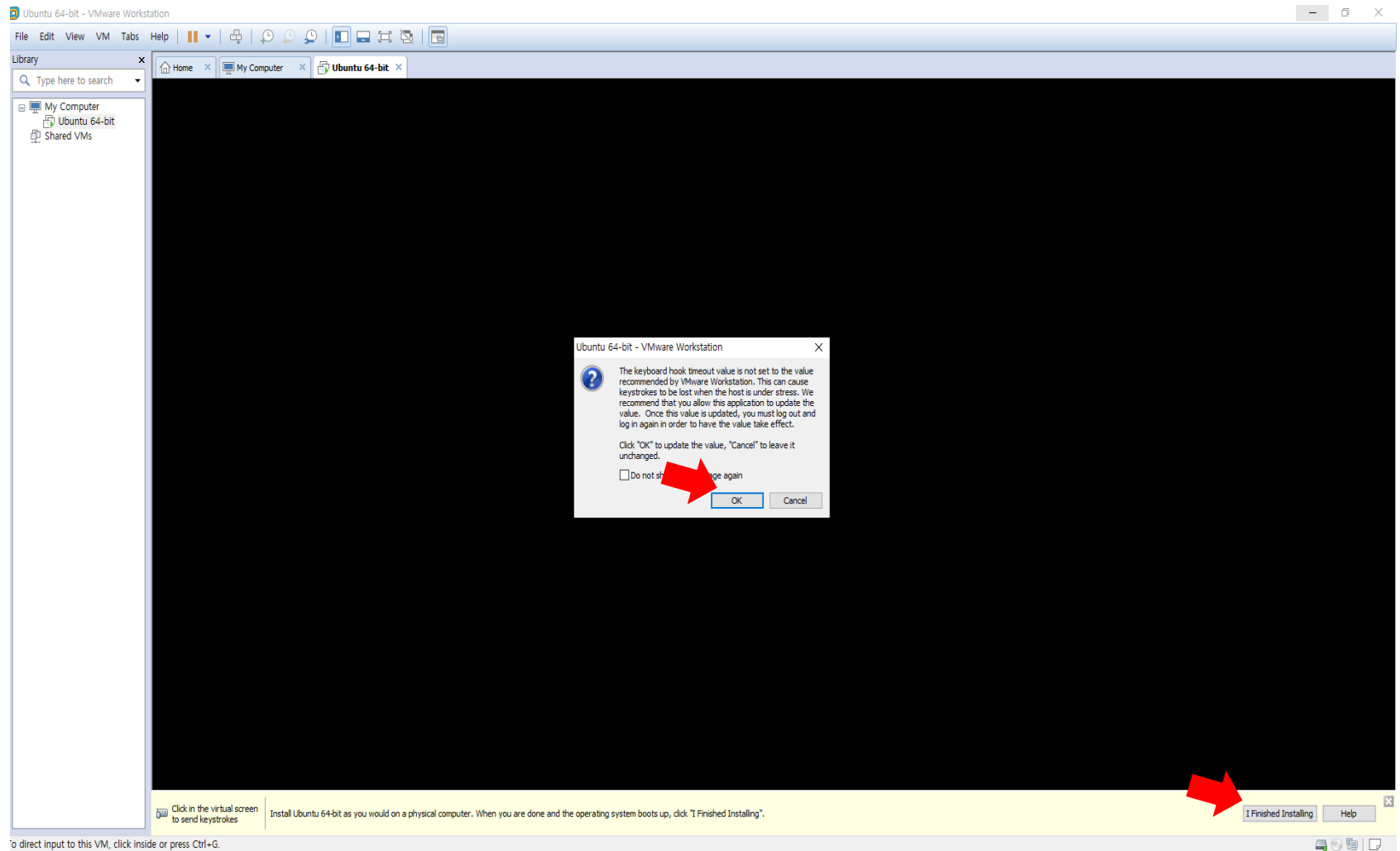
[Customize Hardware...](#)

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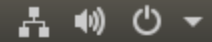
Finish

Cancel





Wed 15:11



Installer



Velkommen

ગુજરાતી

தமிழ்

తెలుగు

ಕನ್ನಡ

മലയാളം

සිංහල

ภาษาไทย

ລາວ

ବିହାରୀ

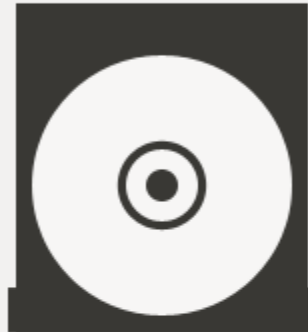
မြန်မာစာ

한국어

中文(简体)

中文(繁體)

日本語



Prøv Ubuntu



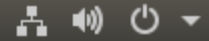
Installer Ubuntu

Du kan prøve Ubuntu rett frå CD-en utan å gjere endringar på datamaskina di.

Eller dersom du er klar, kan du installera Ubuntu attmed (eller i staden for) ditt noverande operativsystem. Dette bør ikkje ta alt for lang tid.

Du kan ha nytte av å lesa [utgjeivingsmerknadene](#).

Wed 15:11



설치



키보드 레이아웃

키보드 레이아웃 선택:

포르투갈어 (브라질)

폴란드어

프랑스어

프랑스어 (기니)

프랑스어 (캐나다)

프랑스어 (콩고 민주 공화국)

프랑스어 (토고)

핀란드어

한국어

한국어 - 한국어 (101/104키 호환)

키보드를 테스트해보려면 이 곳을 사용하십시오

키보드 레이아웃 감지

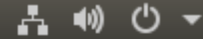
끝내기(Q)

뒤로(B)

계속하기



Wed 15:12



설치

업데이트 및 기타 소프트웨어

어떤 앱을 처음부터 설치 하시겠습니까?

☐ 일반 설치

웹 브라우저, 유틸리티, 오피스 소프트웨어, 게임 및 미디어 플레이어.

☒ 최소 설치

웹 브라우저 및 기본 유틸리티.

기타 설정

☒ Ubuntu 설치 중 업데이트 다운로드

설치 후 작업 시간을 줄일 수 있습니다.

☐ 그래픽과 Wi-Fi 하드웨어 그리고 추가 미디어 포맷을 위한 서드파티 소프트웨어 설치

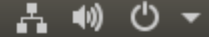
이 소프트웨어는 문서에 포함된 라이선스 조항을 적용받습니다. 일부는 독점적입니다.

끝내기(Q)

뒤로(B)

계속하기

Wed 15:12



설치

설치 형식

이 컴퓨터에는 설치한 운영 체제가 없습니다. 어떻게 하시겠습니까?

☒ 디스크를 지우고 Ubuntu 설치

경고: 이 작업은 모든 운영 체제에서 프로그램, 문서, 사진, 음악, 그리고 기타 파일을 삭제합니다.

☐ 보안을 위해 설치한 새로운 Ubuntu를 암호화

다음 단계에서 보안 키를 선택할 수 있습니다.

☐ LVM을 사용해 Ubuntu 설치

논리 볼륨 관리를 설정합니다. 이 작업을 하면 스냅샷을 만들거나 파티션 크기를 쉽게 바꿀 수 있습니다.

☐ 기타

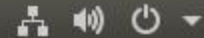
Ubuntu이(가) 사용할 파티션을 만들거나 크기를 바꾸거나 여러 파티션을 선택할 수 있습니다.

끝내기(Q)

뒤로(B)

지금 설치(I)

Wed 15:12



설치

설치 형식

이 컴퓨터에는 설치한 운영 체제가 없습니다. 어떻게 하시겠습니까?

• 디스크를 지우고 Ubuntu 설치

바뀐 점을 디스크에 쓰시겠습니까?

계속하시면 아래의 바뀐 사항을 디스크에 씁니다. 계속하지 않으시면 나중에 수동으로 설정을 바꿀 수 있습니다.

다음 장치의 파티션 테이블이 바뀌었습니다:

SCSI33 (0,0,0) (sda)

다음 파티션을 포맷합니다:

SCSI33 (0,0,0) (sda) 장치의 #1 파티션에 있는 ext4

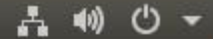
뒤로 가기

계속하기

뒤로(B)

지금 설치(I)

Wed 15:13



설치

어디에 거주하고 계십니까?



Seoul

뒤로(B)

계속하기



설치

당신은 누구십니까?

이름: qwer1234 ✓

컴퓨터 이름: web-server ✓

다른 컴퓨터에서 보여지는 이름

사용자 이름 선택: qwer1234 ✓

암호 선택: ●●●●

짧은 암호

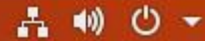
암호 확인: ●●●●| ✓

☐ 자동으로 로그인☒ 로그인할 때 암호 입력

뒤로(B)

계속하기

Thu 00:40



설치 완료



설치가 끝났습니다. 새로 설치한 프로그램을 사용하려면 컴퓨터를 다시 시작해야 합니다.



지금 다시 시작

(목) 00 : 42



qwer1234

암호:

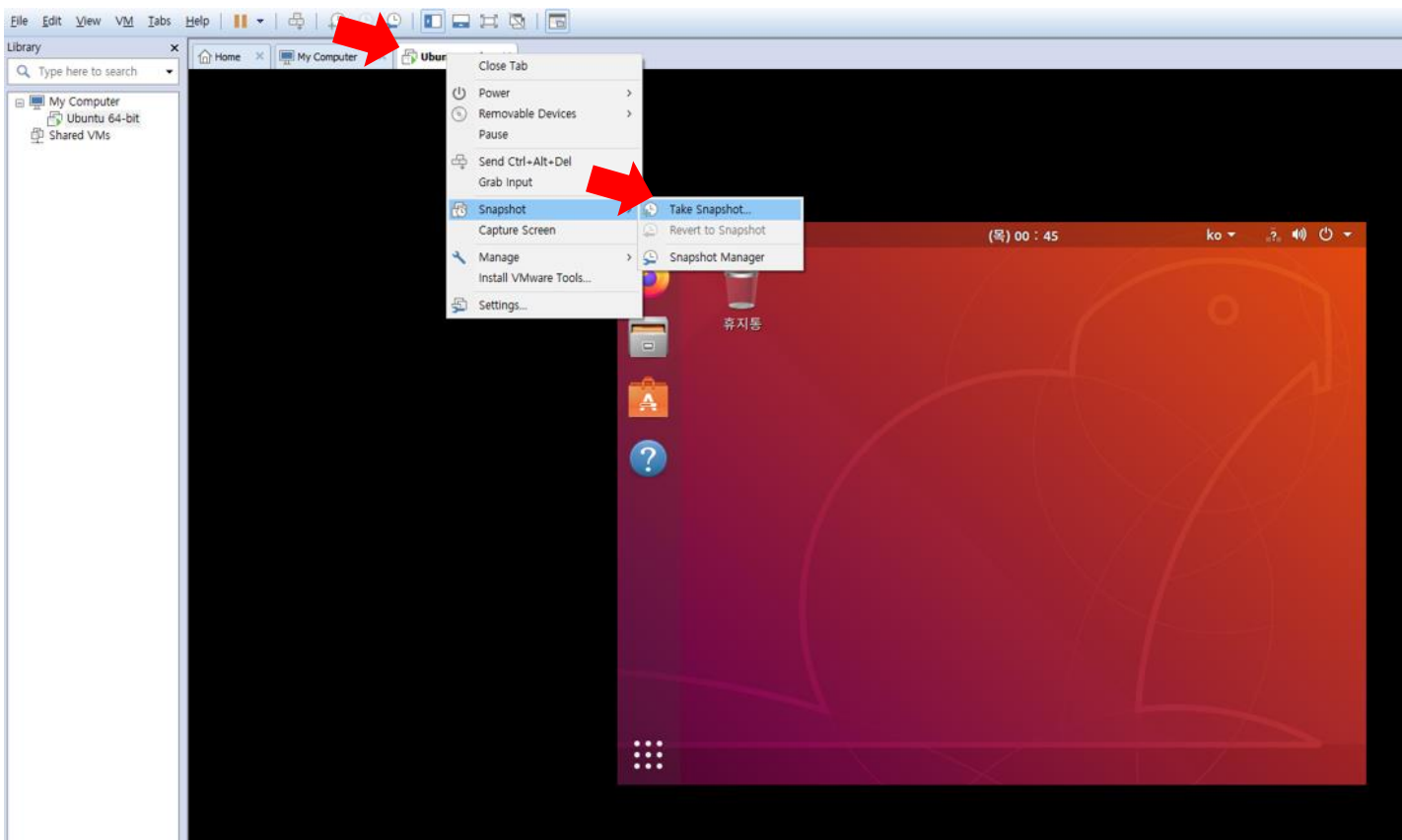


취소




로그인

ubuntu[®]



Ubuntu 64-bit - Take Snapshot

✕

 Taking a snapshot lets you preserve the state of the virtual machine so that you can return to the same state later.

Name:

Description:

현재 활동

(목) 00 : 43

ko ▾



글꼴



도움말



디스크



문서 ...



설정



소프...



소프...



스크...



시작 ...



암호 ...



압축 ...



언어 ...



우분...



이미...



입력기



전원 ...



터미널



텍스...



파일



Firef...



Livep...



프로그램 표시

자주

모두

현재 활동

터미널 ▾

(목) 00 : 51

ko ▾



파일(F) 편집(E) 보기(V) 검색(S) 터미널(T) 도움말(H)

qwer1234@web-server: ~

```
qwer1234@web-server:~$ sudo service ssh start
```

```
qwer1234@web-server:~$ sudo service ssh status
```

```
● ssh.service - OpenBSD Secure Shell server
```

```
Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: ena
```

```
Active: active (running) since Thu 2021-10-28 00:50:29 KST; 1min 5s ago
```

```
Main PID: 3314 (sshd)
```

```
Tasks: 1 (limit: 1084)
```

```
CGroup: /system.slice/ssh.service
```

```
└─3314 /usr/sbin/sshd -D
```

```
10월 28 00:50:29 web-server systemd[1]: Starting OpenBSD Secure Shell server...
```

```
10월 28 00:50:29 web-server sshd[3314]: Server listening on 0.0.0.0 port 22.
```

```
10월 28 00:50:29 web-server sshd[3314]: Server listening on :: port 22.
```

```
10월 28 00:50:29 web-server systemd[1]: Started OpenBSD Secure Shell server.
```

```
lines 1-12/12 (END)
```

프로그램 표시

현재 활동

터미널 ▾

(목) 00 : 52

ko ▾



qwer1234@web-server: ~

파일(F) 편집(E) 보기(V) 검색(S) 터미널(T) 도움말(H)

qwer1234@web-server:~\$ ip addr

1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000

link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00

inet 127.0.0.1/8 scope host lo

valid_lft forever preferred_lft forever

inet6 ::1/128 scope host

valid_lft forever preferred_lft forever

2: ens32: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000

link/ether 00:0c:29:50:1e:79 brd ff:ff:ff:ff:ff:ff

inet 192.168.127.131/24 brd 192.168.127.255 scope global dynamic noprefixroute ens32

valid_lft 1282sec preferred_lft 1282sec

inet6 fe80::4a43:abdd:de75:6664/64 scope link noprefixroute

valid_lft forever preferred_lft forever

qwer1234@web-server:~\$

현재 활동 터미널

(목) 00 : 53

ko



qwer1234@web-server: ~

파일(F) 편집(E) 보기(V) 검색(S) 터미널(T) 도움말(H)

qwer1234@web-server:~\$ ip addr

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
```

```
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
```

```
    inet 127.0.0.1/8 scope host lo
```

```
        valid_lft forever preferred_lft forever
```

```
    inet6 ::1/128 scope host
```

```
        valid_lft forever preferred_lft forever
```

```
2: ens32: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
```

```
    link/ether 00:0c:29:59:1e:79 brd ff:ff:ff:ff:ff:ff
```

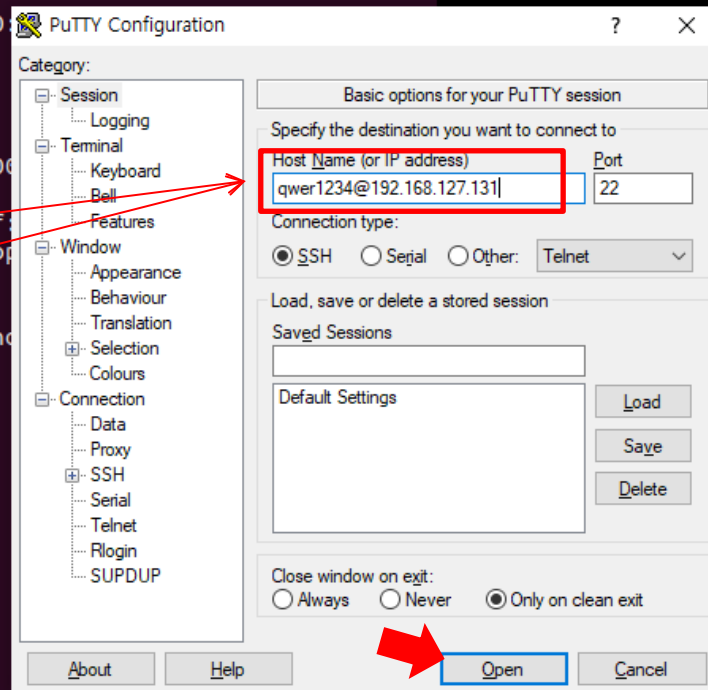
```
    inet 192.168.127.131/24 brd 192.168.127.255 scope ens32
```

```
        valid_lft 1282sec preferred_lft 1282sec
```

```
    inet6 fe80::4a43:abdd:de75:6664/64 scope link no
```

```
        valid_lft forever preferred_lft forever
```

```
qwer1234@web-server:~$
```



PuTTY Security Alert



The server's host key is not cached in the registry. You have no guarantee that the server is the computer you think it is.

The server's ssh-ed25519 key fingerprint is:

ssh-ed25519 255 SHA256:DGxFsHq6R/5ieH0FDz3BNuRVwOzMZ33DrCyTg1LAWEA

If you trust this host, press "Accept" to add the key to PuTTY's cache and carry on connecting.

If you want to carry on connecting just once, without adding the key to the cache, press "Connect Once".

If you do not trust this host, press "Cancel" to abandon the connection.

Help

More info...

Accept

Connect Once

Cancel

```
qwer1234@web-server: ~  
Using username "qwer1234".  
qwer1234@192.168.127.131's password:  
Welcome to Ubuntu 18.04.6 LTS (GNU/Linux 5.4.0-84-generic x86_64)  
  
 * Documentation:  https://help.ubuntu.com  
 * Management:    https://landscape.canonical.com  
 * Support:        https://ubuntu.com/advantage  
  
35 updates can be applied immediately.  
30 of these updates are standard security updates.  
To see these additional updates run: apt list --upgradable  
  
Your Hardware Enablement Stack (HWE) is supported until April 2023.  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
qwer1234@web-server:~$
```