

# 14장 텔넷 서버

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A top-down view of a wooden desk. On the desk, there is a silver laptop with a black keyboard, a pair of black-rimmed glasses, a white coffee cup with a yellow handle, and a small green succulent in a dark pot. The word 'CONTENT' is written in large, white, sans-serif capital letters across the middle of the image.

# CONTENT

1

텔넷

2

텔넷 서버 구축

# 1. 텔넷


- ❖원격 접속 서비스로 특정 사용자가 인터넷을 통해 다른 컴퓨터에 연결하여 그 컴퓨터에서 제공하는 서비스를 텍스트 기반의 명령어로 제어 하는 것이다.
- ❖텔넷 서비스를 이용하기 위해서는 텔넷 서버와 텔넷 클라이언트가 있어야 하며 접속하고자 하는 컴퓨터에는 텔넷 서버가 필요하고 원격 컴퓨터에는 텔넷 클라이언트가 필요하다.
- ❖오랫동안 전통적으로 사용해 온 원격 접속 방법이지만 보안에 취약하다는 단점이 있다.

## 2. 텔넷 서버 구축

### ❖ 텔넷 서버 설치하기

```
user1@Server1:~/바탕화면$ dpkg -l | grep telnet
ii  telnet                                0.17-44build1          amd64        basic telnet client
user1@Server1:~/바탕화면$ sudo apt-get install -y telnetd
[sudo] user1 암호:
패키지 목록을 읽는 중입니다... 완료
의존성 트리를 만드는 중입니다... 완료
상태 정보를 읽는 중입니다... 완료
다음 패키지가 자동으로 설치되었지만 더 이상 필요하지 않습니다:
  libutempter0
'sudo apt autoremove'를 이용하여 제거하십시오.
다음의 추가 패키지가 설치될 것입니다 :
  libevent-2.1-7 openbsd-inetd tcpd
다음 새 패키지를 설치할 것입니다:
  libevent-2.1-7 openbsd-inetd tcpd telnetd
```





```
user1@Server1:~/바탕화면$ systemctl status inetd
```

```
●inetd.service - Internet superserver
```

```
Loaded: loaded (/lib/systemd/system/inetd.service; enabled; vendor preset: enabled)
```

```
Active: active (running) since Fri 2023-08-25 08:45:31 KST; 41s ago
```

```
Docs: man:inetd(8)
```

```
Main PID: 10677 (inetd)
```

```
Tasks: 1 (limit: 2132)
```

```
Memory: 604.0K
```

```
CPU: 4ms
```

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

```
└─10677 /usr/sbin/inetd
```

```
8월 25 08:45:31 Server1 systemd[1]: Starting Internet superserver...
```

```
8월 25 08:45:31 Server1 systemd[1]: Started Internet superserver.
```

## ❖ 텔넷 사용하기

```
user1@Server1:~/바탕화면$ telnet 0
```

```
Trying 0.0.0.0...
```

```
Connected to 0.
```

```
Escape character is '^]'.
```

```
Ubuntu 22.04.3 LTS
```

```
Server1 login: user1
```

```
Password:
```

```
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-26-generic x86_64)
```

```
user1@Server1:~$ telnet
```

```
telnet> open 10.100.0.101
```

```
Trying 10.100.0.101...
```

```
Connected to 10.100.0.101.
```


```
Escape character is '^]'.
```

```
Ubuntu 22.04.3 LTS
```

```
Server1 login: user1
```

```
Password:
```

```
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-26-generic x86_64)
```



```
user1@Server1:~$ telnet localhost
```

```
Trying 127.0.0.1...
```

```
Connected to localhost.
```

```
Escape character is '^['.
```

```
Ubuntu 22.04.3 LTS
```

```
Server1 login: user1
```

```
Password:
```

```
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-26-generic x86_64)
```

```
user1@Server1:~$ telnet 10.100.0.101
```

```
Trying 10.100.0.101...
```

```
Connected to 10.100.0.101.
```

```
Escape character is '^['.
```

```
Ubuntu 22.04.3 LTS
```

```
Server1 login: user1
```

```
Password:
```

```
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-26-generic x86_64)
```

## ❖ 윈도우에서 접속하기

- PuTTY 다운로드 URL :

<https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>

### Package files

You probably want one of these. They include versions of all the PuTTY utilities (except the new and slightly experimental Windows pterm).

**Bug:** this installer was built differently to other versions, in a way that causes trouble for upgrades (among other problems) – see the [bug record](#) for details. To avoid upgrade trouble, when moving between 0.78 and other versions, we recommend completely uninstalling the existing version first. You can avoid the need for this (and other problems with this installer) by installing 0.78 with a special command-line invocation like:

```
msiexec.exe /i path\to\putty-64bit-0.78-installer.msi ALLUSERS=1
```

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

We also publish the latest PuTTY installers for all Windows architectures as a free-of-charge download at the [Microsoft Store](#); they usually take a few days to appear there after we release them.


#### MSI ('Windows Installer')

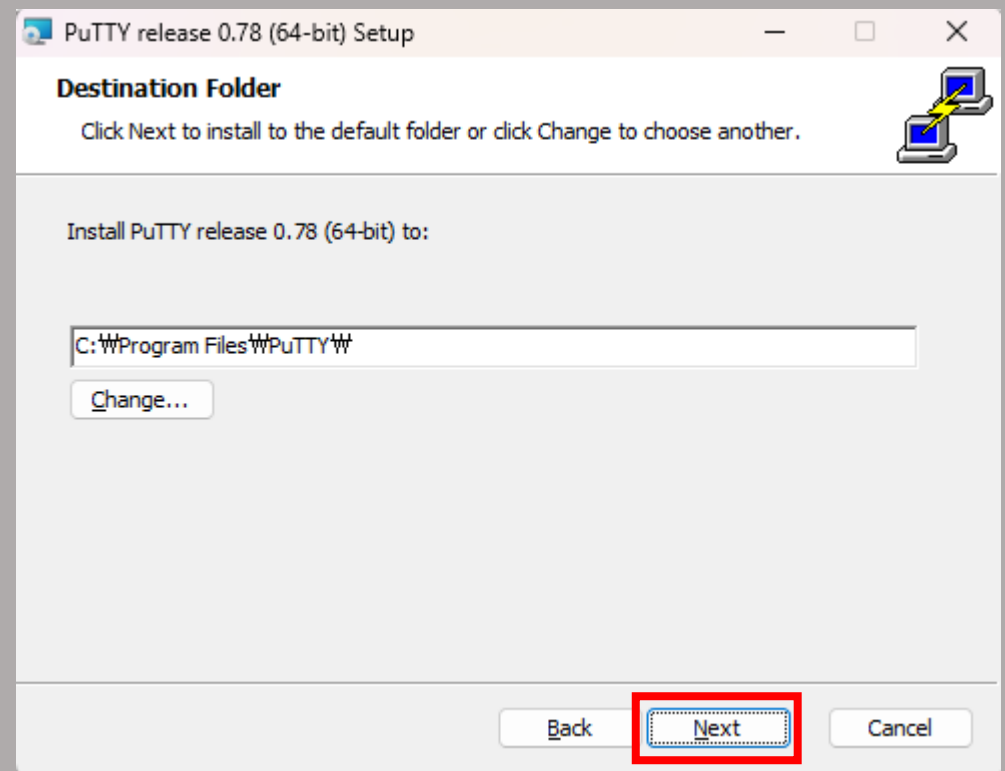
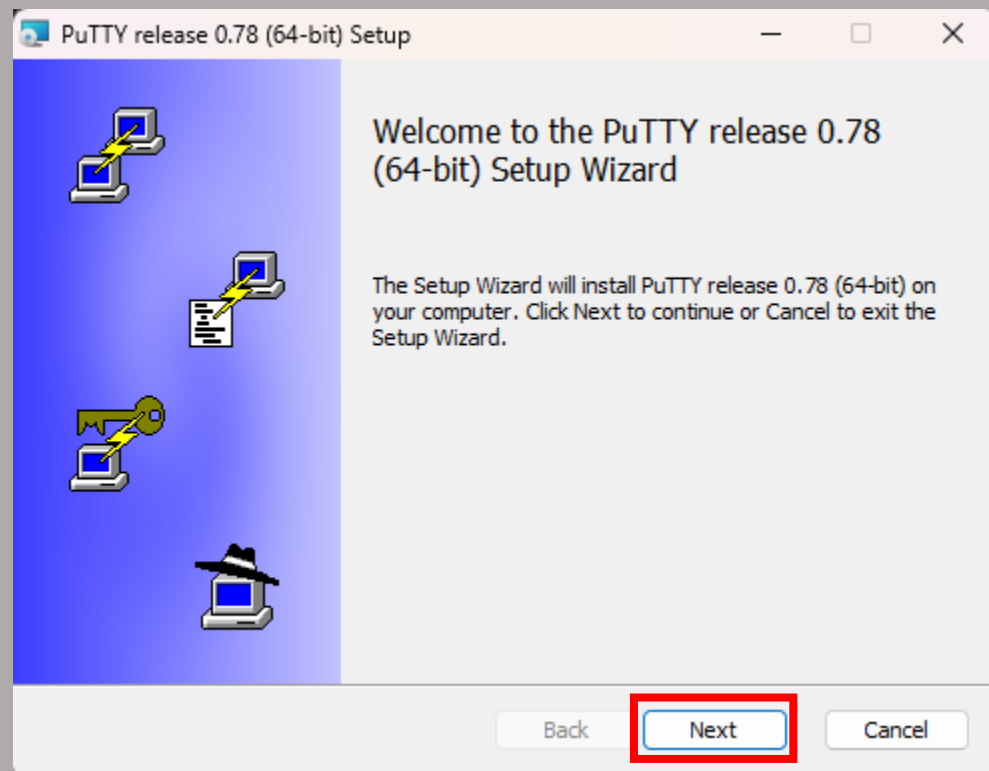
64-bit x86:	<a href="#">putty-64bit-0.78-installer.msi</a>	( <a href="#">signature</a> )
64-bit Arm:	<a href="#">putty-arm64-0.78-installer.msi</a>	( <a href="#">signature</a> )
32-bit x86:	<a href="#">putty-0.78-installer.msi</a>	( <a href="#">signature</a> )

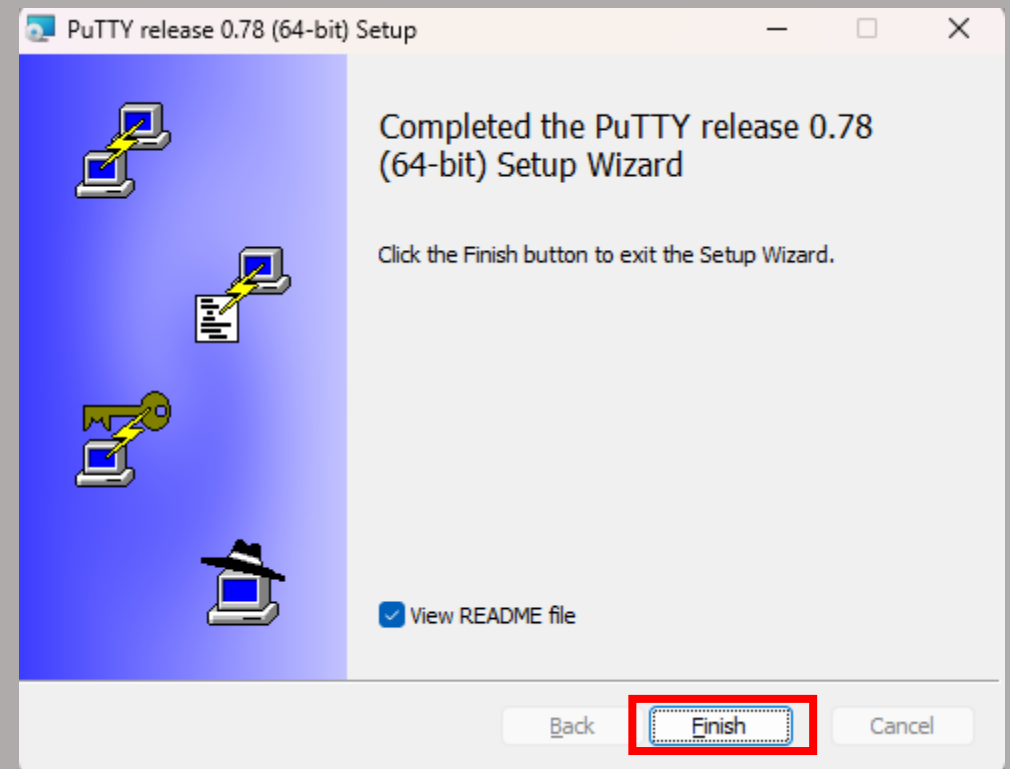
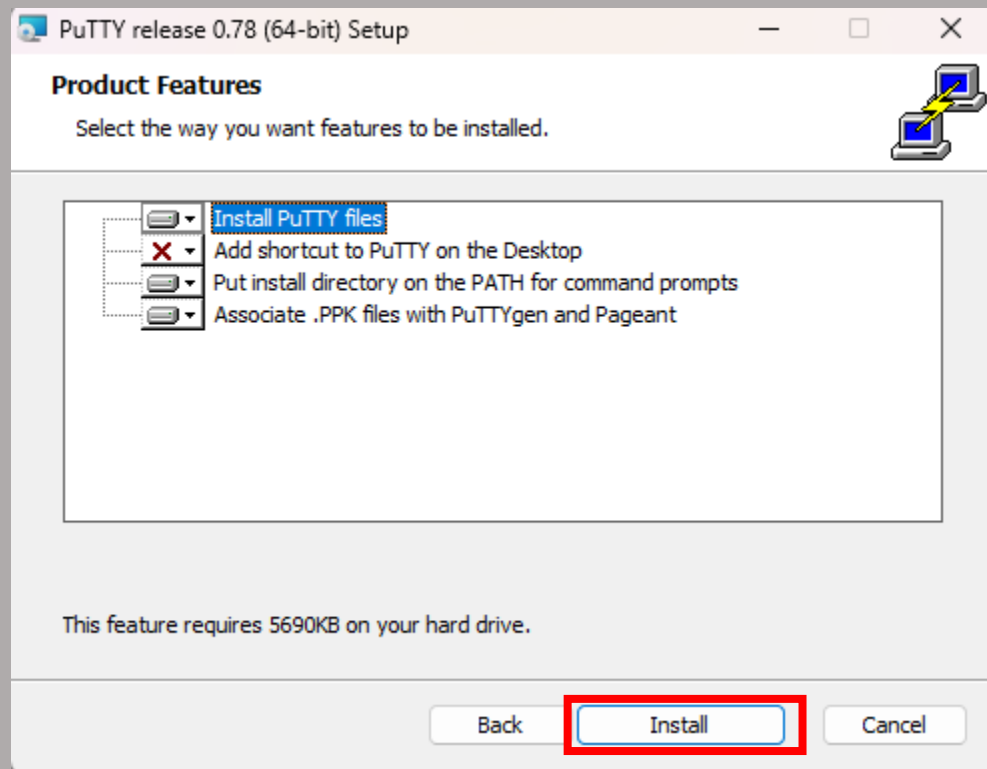
#### Unix source archive

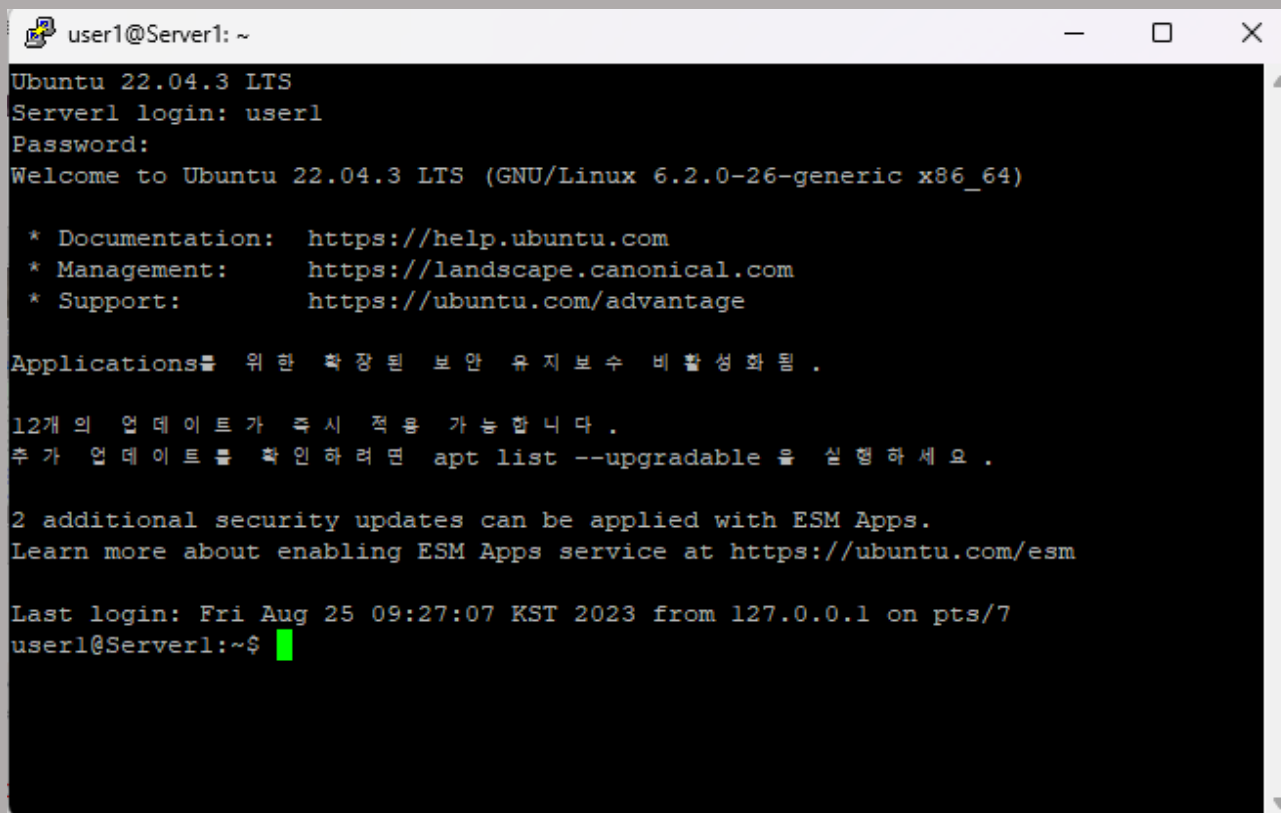
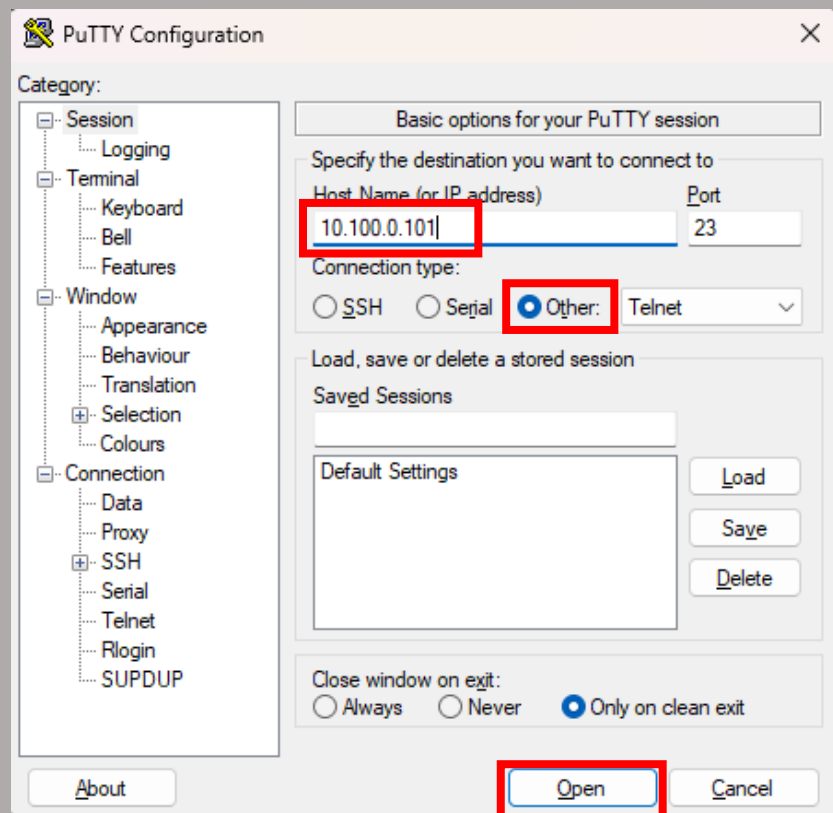
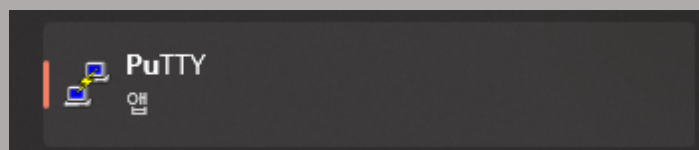
.tar.gz:	<a href="#">putty-0.78.tar.gz</a>	( <a href="#">signature</a> )
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 putty-64bit-0.78-installer.msi







# Quiz



❖ Server2 에 텔넷을 연결해 보세요

A photograph of a server room with rows of server racks on both sides of a central aisle. The racks have glass doors and are filled with server units, some of which have glowing blue indicator lights. The ceiling has several long, rectangular light fixtures. The overall atmosphere is dimly lit, with the primary light sources being the server lights and the ceiling fixtures.

수고하셨습니다.