

오픈소스 소프트웨어 실습

Open-Source Software Lab

#10

실습 담당 조교 연락처

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오픈소스 소프트웨어 활용

■ Music player & streaming

• 서버

- ✓ 재생할 음악 파일(들) 등록
- ✓ 재생 요청을 받으면 등록된 파일을 재생

• 클라이언트

- ✓ 서버에 음악 파일 재생 요청
- ✓ 서버에 등록된 파일을 플레이어로 실행

• 추가사항

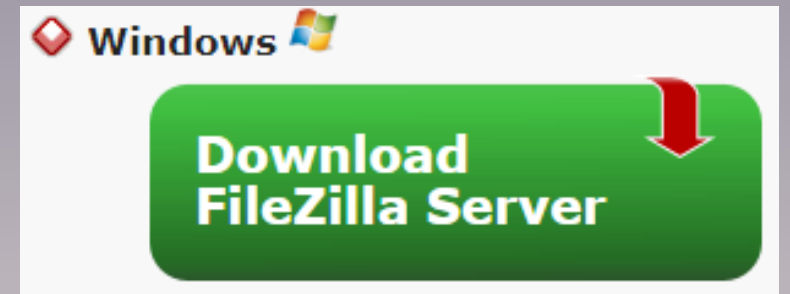
- ✓ 음악 파일에 대한 피드백 제공
- ✓ 피드백에 따른 선호도 순위 선정




서버 환경 구축





✓ <https://filezilla-project.org/download.php?type=server>

✓ <https://download.filezilla-project.org/server/>




➡		FileZilla Server-0 9 60 2.exe	2017-02-08 14:17 2.1M
		FileZilla Server-0 9 60 2.exe.sha512	2017-02-08 14:17 160
		debug/	2017-02-06 15:01 -

서버 환경 구축

 FileZilla Server beta 0.9.53 Setup 

Choose Components

Choose which features of FileZilla Server beta 0.9.53 you want to install.



Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.

Select the type of install:

Or, select the optional components you wish to install:

Space required: 5.6MB

Standard ▼

☒ FileZilla Server (Service)

☒ Administration interface

☐ Source Code

☒ Start Menu Shortcuts

☒ Desktop Icon

Description

Position your mouse over a component to see its description.

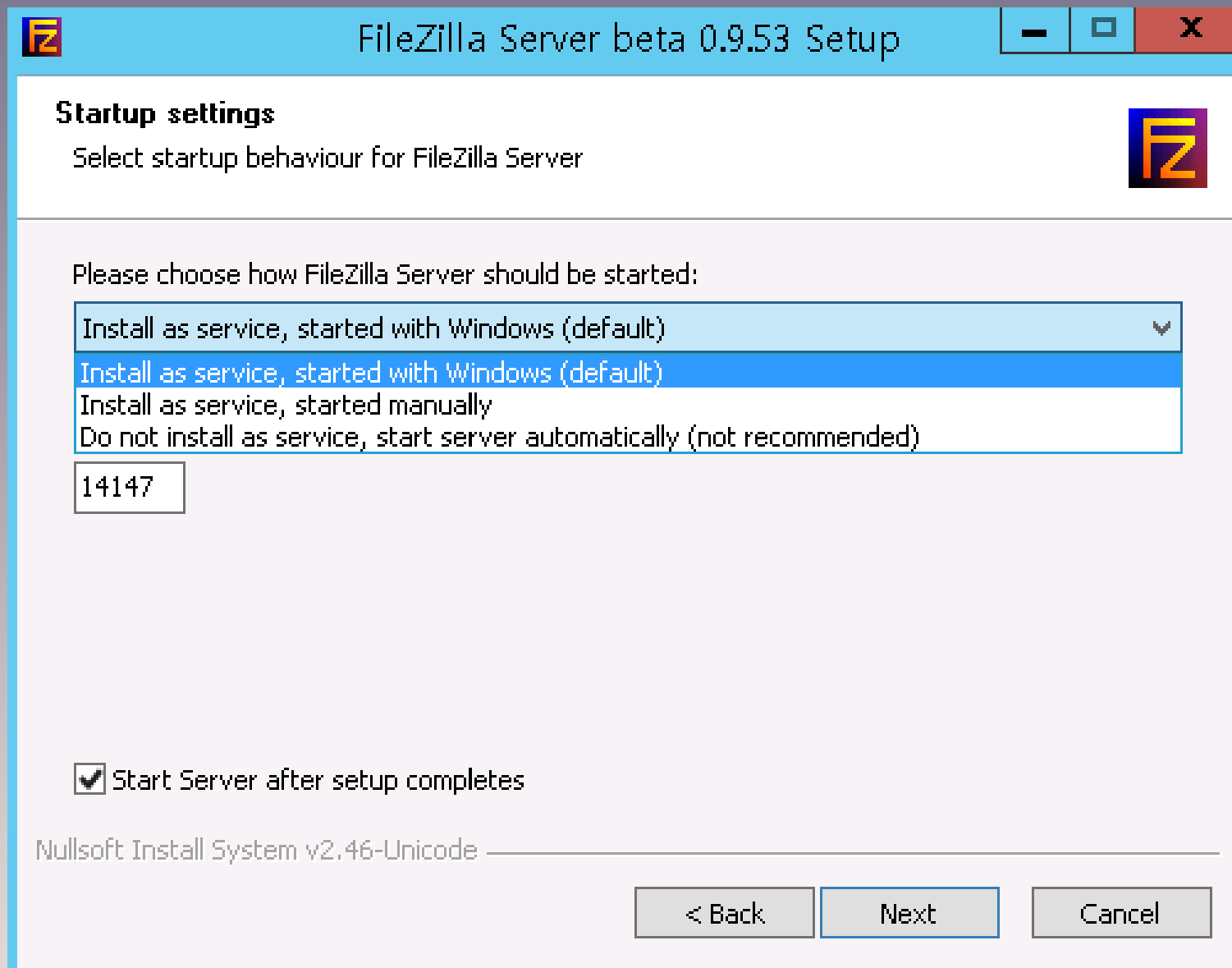
Nullsoft Install System v2.46-Unicode

< Back

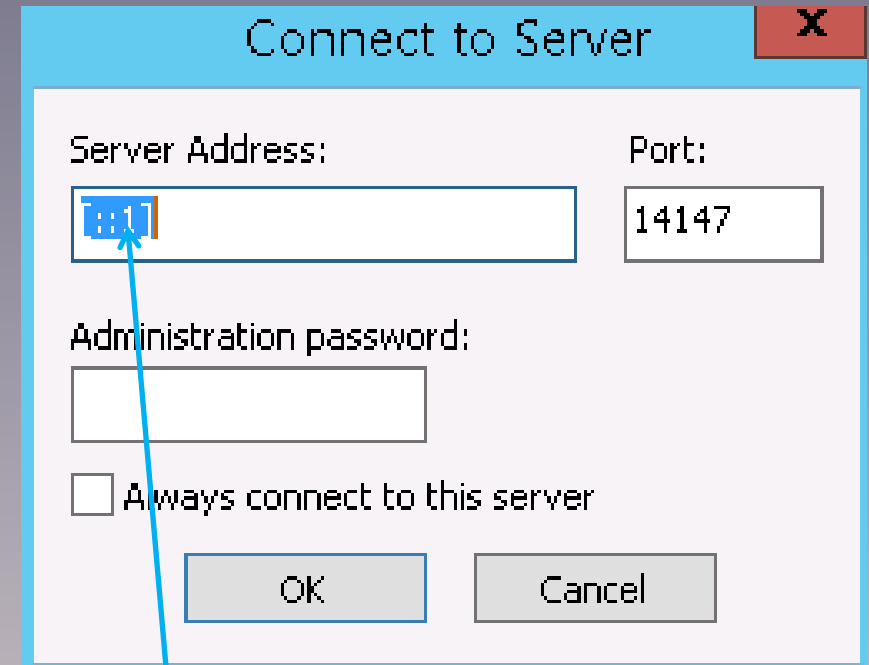
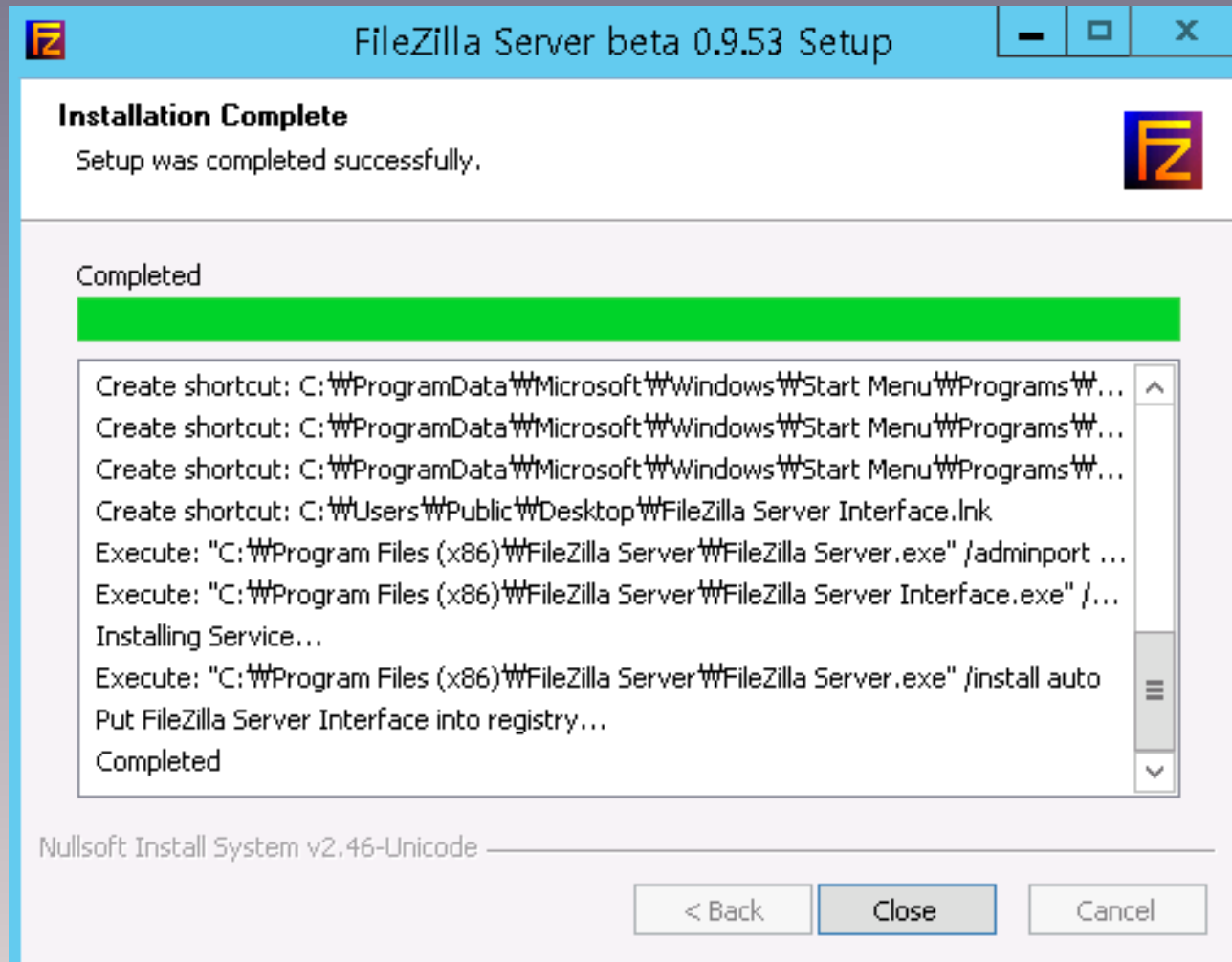
Next >

Cancel

서버 환경 구축



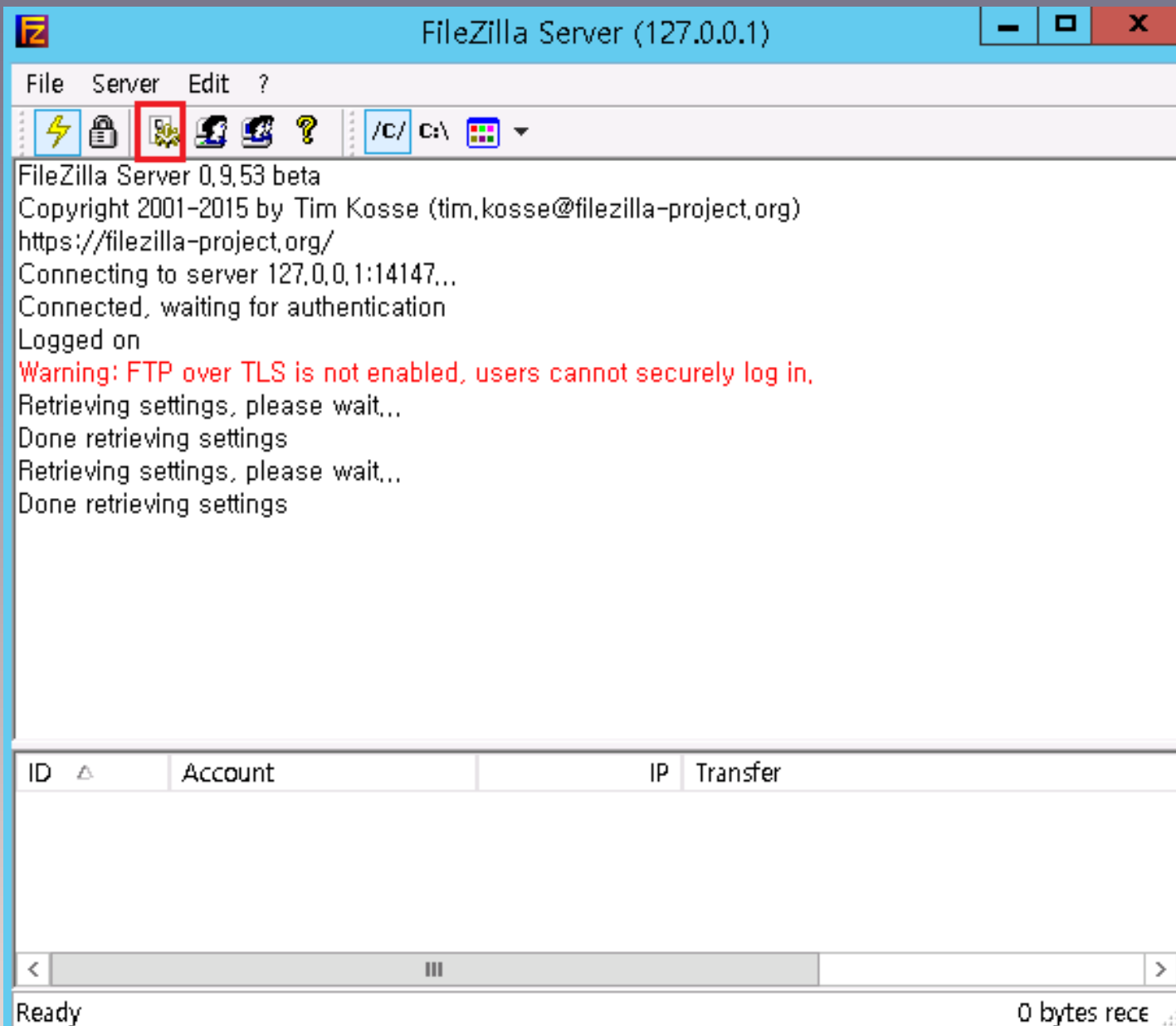
서버 환경 구축



Address :

127.0.0.1

서버 환경 구축



환경설정

서버 환경 구축

FileZilla Server Options

×

General settings

... Welcome message

... IP bindings

... IP Filter

Passive mode settings

Security settings

Miscellaneous

Admin Interface settings

Logging

Speed Limits

Filetransfer compression

FTP over TLS settings

Autoban

Admin Interface settings

FileZilla Server

Important

Due to security considerations, the admin interface settings can only be changed from local connections. If you aren't connected locally (using 127.0.0.1 as server IP), all changes on this page will be ignored by the server.

Port on which the admin interface should listen: 8888

Bind the admin interface to the following IP addresses:

IP Addresses which are allowed to connect to the admin interface:

Use * to bind to all addresses. 127.0.0.1 is the default binding, it always exists and cannot be removed.

Localhost is always allowed to connect. You can enter additional addresses or address ranges using CIDR notation. Use * to allow all.

☐ Change admin password:

New Password:

Retype new Password:

Minimum password length is 6 characters. Leave empty to remove password. A password is required for remote administration to work.

OK

Cancel

포트번호 바꾸기

1~65535

비밀번호 설정 (자유)

서버 환경 구축

The screenshot displays the FileZilla Server application window. On the left, the status bar shows the connection status: "Connecting to server 127.0.0.1", "Connected, waiting for authentication", "Logged on", and a warning message: "Warning: FTP over TLS is not supported". The main window shows the "Users" dialog box, which is used to manage user accounts. The dialog has a "Page:" tab on the left with options: "General" (selected), "Shared folders", "Speed Limits", and "IP Filter". The "General" tab contains the following settings:

- Account settings:**
 - ☐ Enable account
 - ☐ Password: [text box]
 - Group membership: [dropdown menu]
- ☐ Bypass userlimit of server
- Maximum connection count: [text box]
- Connection limit per IP: [text box]
- ☐ Force SSL for user login

At the bottom of the dialog is a "Description" text area with the placeholder text: "You can enter some comments about the user". On the right side of the dialog, there is a "Users" list box and four buttons: "Add", "Remove", "Rename", and "Copy". The "Add" button is highlighted with a red rectangle.

FileZilla Server 0.9.55 beta
Copyright 2001-2015 by Tim Kientz
<https://filezilla-project.org/>
Connecting to server 127.0.0.1
Connected, waiting for authentication
Logged on
Warning: FTP over TLS is not supported
Retrieving settings, please wait
Done retrieving settings
Retrieving settings, please wait
Done retrieving settings
Retrieving settings, please wait
Done retrieving settings
Sending settings, please wait
Done sending settings,
Warning: FTP over TLS is not supported
Retrieving account settings, please wait
Done retrieving account settings

ID	Account
----	---------

서버 환경 구축

Add user account

Please enter the name of the user account that should be added:

user1

User should be member of the following group:

<none>

OK Cancel

자신의 학번으로 설정

비밀번호 설정

Users

Page:

- General
- Shared folders
- Speed Limits
- IP Filter

Account settings

- ☒ Enable account
- ☒ Password:
- Group membership: <none>

☐ Bypass userlimit of server

Maximum connection count: 0

Connection limit per IP: 0

☐ Force SSL for user login

Description

You can enter some comments about the user

user1

Add Remove

Rename Copy

OK Cancel

서버 환경 구축

Users

Page:

General

Shared folders

Speed Limits

IP Filter

Shared folders

Directories

H D:

Aliases

Add

Remove

Rename

Set as home dir

Files

☒ Read

☒ Write

☐ Delete

☐ Append

Directories

☐ Create

☐ Delete

☒ List

☒ + Subdirs

Users

user1

Add

Remove

Rename

Copy

A directory alias will also appear at the specified location. Aliases must contain the full virtual path. Separate multiple aliases for one directory with the pipe character (|)

If using aliases, please avoid cyclic directory structures, it will only confuse FTP clients.

OK

Cancel

폴더 찾아보기

Please select a folder that should be added to the folders list of the selected user account.

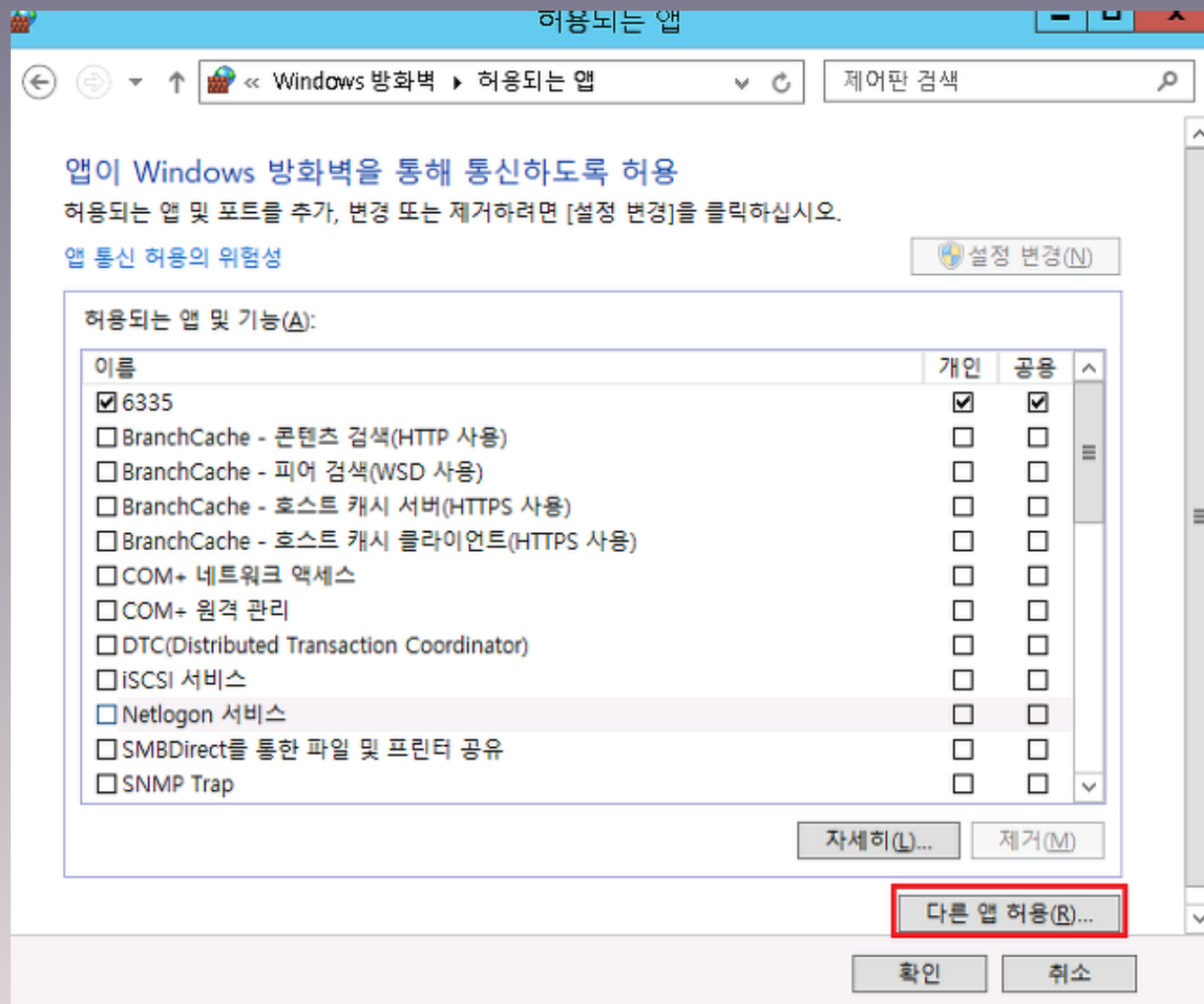
<new directory>

- 내 PC
 - 다운로드
 - 바탕 화면
 - 3D 개체
 - 문서
 - 음악**
 - 동영상
 - 사진
 - 로컬 디스크 (C:)
 - DVD RW 드라이브 (D:)
 - CD 드라이브 (I:) filezilla-3.42.0

확인

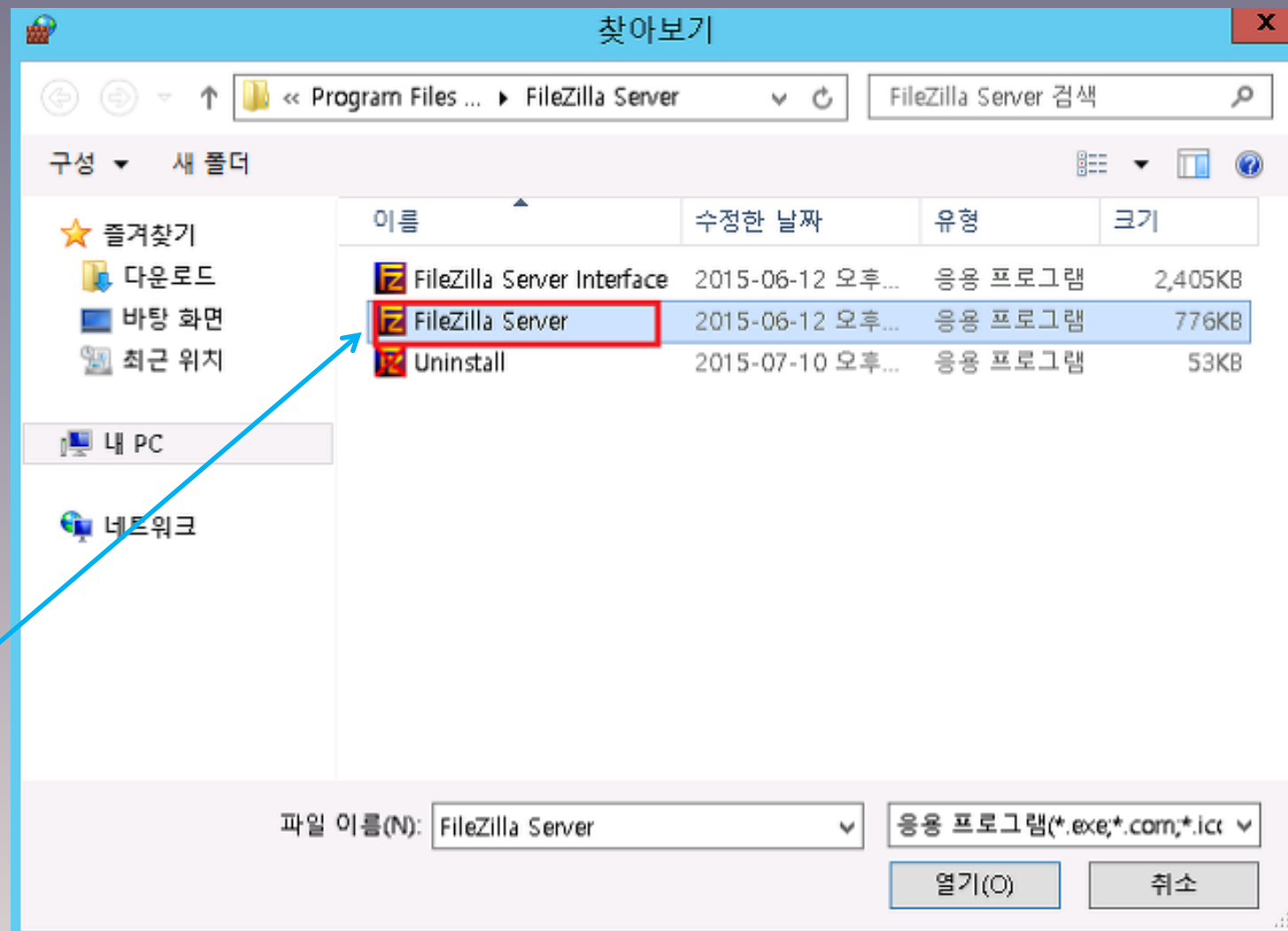
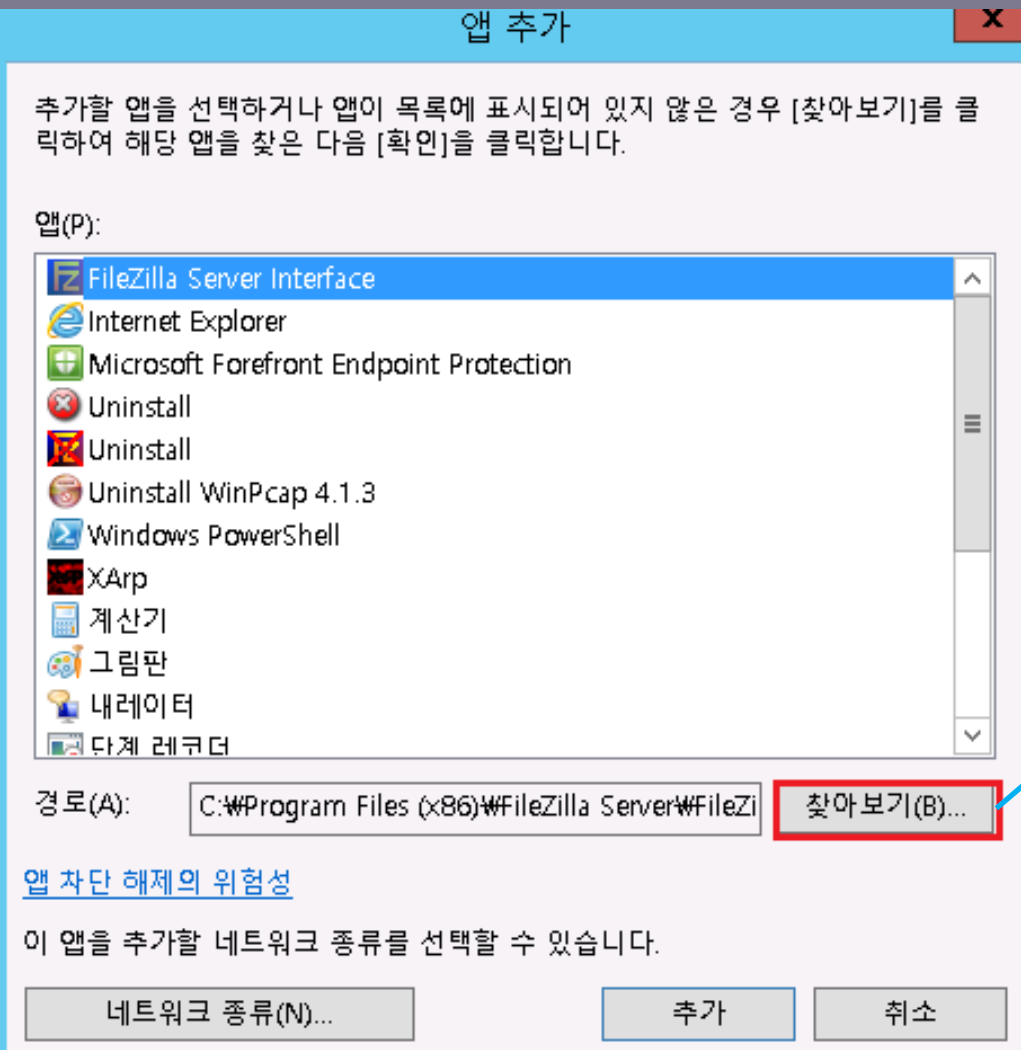
취소

서버 환경 구축

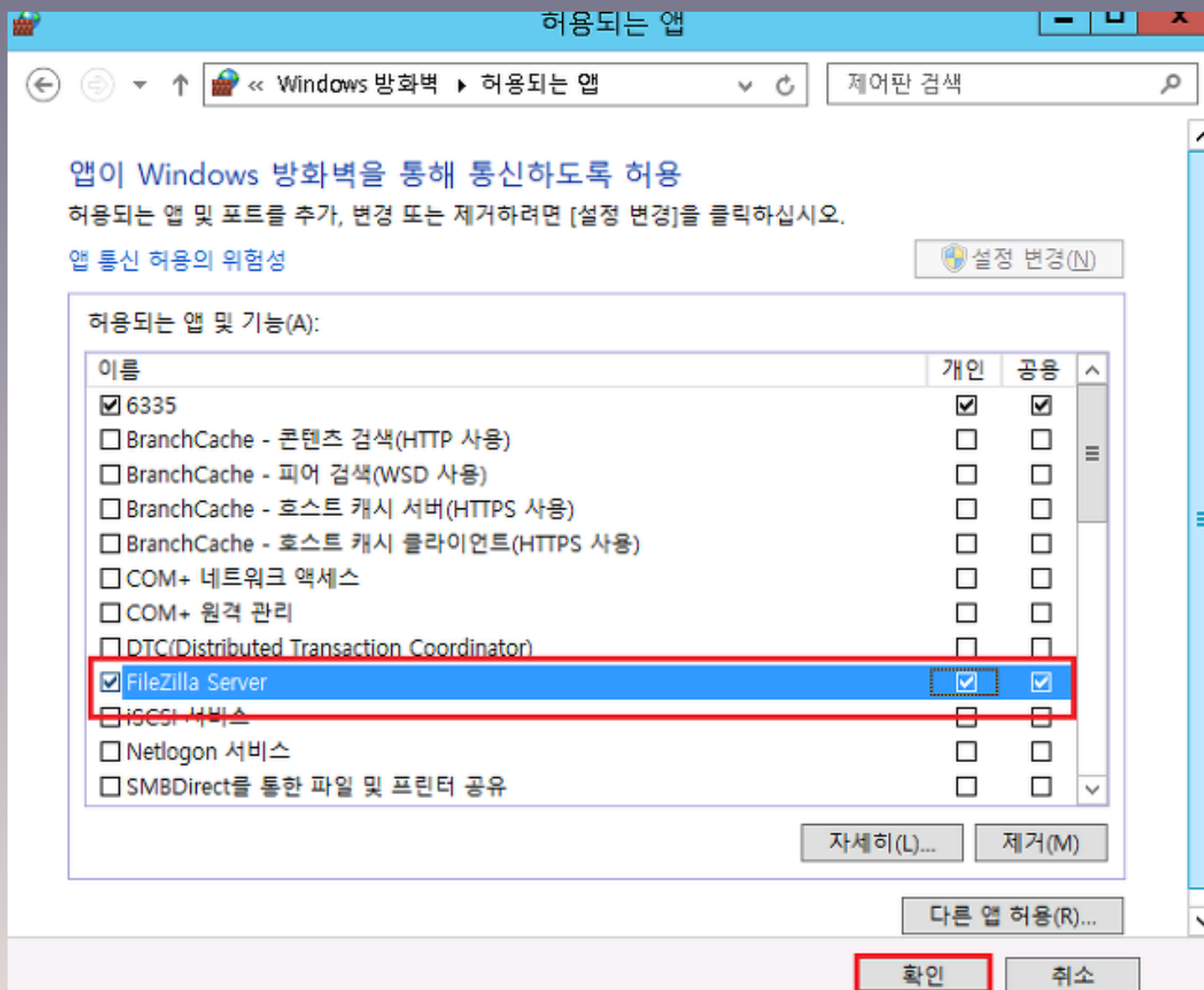


방화벽에 서버 등록

서버 환경 구축



서버 환경 구축



클라이언트 환경 구축

<https://filezilla-project.org/download.php?type=client>




Windows (64bit) 

**Download
FileZilla Client**

This installer may include bundled offers. Check below for more options.

The 64bit versions of Windows 7, 8, 8.1 and 10 are supported.




More download options

Other platforms:   

Not what you are looking for?

[Show additional download options](#)

<https://download.filezilla-project.org/client/>

	FileZilla 3.42.1.sha512	2019-05-08 19:05 1.1K
	FileZilla 3.42.1 i686-linux-gnu.tar.bz2	2019-05-08 19:05 9.0M
	FileZilla 3.42.1 macosx-x86.app.tar.bz2	2019-05-08 19:05 9.4M
	FileZilla 3.42.1 src.tar.bz2	2019-05-08 19:05 4.8M
	FileZilla 3.42.1 win32-setup.exe	2019-05-08 19:05 7.5M
	FileZilla 3.42.1 win32.zip	2019-05-08 19:05 11M
	FileZilla 3.42.1 win32 sponsored-setup.exe	2019-05-08 19:05 8.5M
	FileZilla 3.42.1 win64-setup.exe	2019-05-08 19:05 7.6M
	FileZilla 3.42.1 win64.zip	2019-05-08 19:05 11M
	FileZilla 3.42.1 win64 sponsored-setup.exe	2019-05-08 19:05 8.6M
	FileZilla 3.42.1 x86 64-linux-gnu.tar.bz2	2019-05-08 19:05 8.7M

VLC 환경 구축

VLC media player

VLC는 DVD, 오디오 CD, VCD 와 다양한 스트리밍 프로토콜뿐 아니라 대부분의 멀티미디어 파일을 재생할 수 있는 무료 오픈 소스 크로스 플랫폼 멀티미디어 재생기이자 프레임워크입니다.

다운로드 VLC

- Windows
- Windows 64bit
- Windows Phone
- macOS
- Linux
- Android
- iOS

<https://www.videolan.org/vlc/index.ko.html>

참고사항

FileZilla

- Features
- Screenshots
- Download
- Documentation
- FileZilla Pro

FileZilla Server

- Download

Community

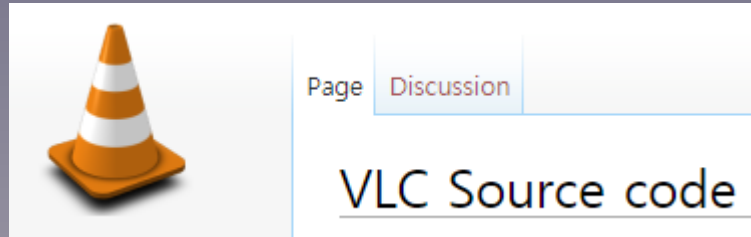
- Forum
- Project page
- Wiki

General

- FAQ
- Support
- Contact
- License
- Privacy Policy
- Trademark Policy

Development

- Source code
- Nightly builds
- Translations
- Version history
- Changelog
- Issue tracker



<https://filezilla-project.org/sourcecode.php>

https://wiki.filezilla-project.org/Main_Page

https://wiki.videolan.org/VLC_Source_code/



끝