

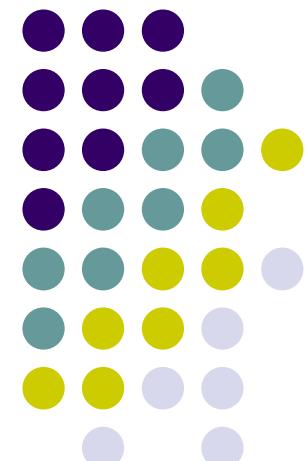
Connecting to CSEDell server using SSH clients

2019. Fall

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SSH clients



- An SSH client is a program that uses secure shell to connect to a remote system
- Examples
 - Putty (free)
 - Xshell (free)
 - Terminals (free)
 - <https://github.com/terminals-Origin/Terminals>
- You can use any SSH client softwares

Xshell (and XFTP)



- One of SSH clients
 - <https://www.netsarang.com/en/all-downloads/>
- Any SSH clients can be used
 - Putty, SSHclient, ...



The screenshot shows the Xmanager website with four download options:

- XMANAGER 6**: Bring the Power of X to Windows. Download link.
- XSHELL 6**: The Industry's Most Powerful SSH Client. Download link. This item is circled in red.
- XFTP 6**: Effortless File Transfers Over a Network. Download link.
- Xl**: No Fuss Remote Over the LAN. Download link.

The screenshot shows the Xmanager website with two download options:

- XMANAGER 6 POWER SUITE**: Xmanager, Xshell, Xftp, and Xlpd in One Complete Package. Download link.
- XSHELL 6 PLUS**: Xshell and Xftp in One Package. Download link.

Choose your license type



- Click Free Licensing Page

CHOOSE YOUR LICENSE TYPE

By downloading our evaluation software, you agree to receive follow-up emails regarding your evaluation as well as occasional patch notes and notices. You can unsubscribe from these emails at any time by clicking the "Unsubscribe Me" button at the bottom of any email. To opt-out of promotional emails such as occasional promotional discounts or special events, please uncheck the box below before submitting your information for a 30 day evaluation. We **DO NOT** sell your information to third-parties.



Existing User

Product Key (required)

Choose Your Version (required)

- Version 6
- Version 5
- Version 4

DOWNLOAD



30 Day Evaluation

Your Name (required)

Your Email (required)

A download link will be emailed to you

Company

I agree to receive emails related to occasional promotional discounts or special events.

START TRIAL

Free License for
Home and School Users

› [Free Licensing Page](#)

Related Downloads

- › [EULA](#)
- › [User Manual](#)
- › [Datasheet](#)

Download



- Provide your name and email
- Check Xshell and Xftp

**XSHELL 6**
**XFTP 6**

Free for Non-Commercial Use Only

Your Name (required)

Your Email (required)

Both Xshell Only Xftp Only

DOWNLOAD

NOTE: A valid email address is required. A download link will be sent to your email.

Terms of Free Use

NetSarang Computer, Inc. prides itself in providing our SFTP/FTP client for free for the past 10 years. Our free license price, they are free of advertisements, spyware, or any other exploitation of our userbase. We believe users from all backgrounds should have access to a powerful and feature-rich SFTP/FTP client whether it be to learn, teach, or to even just have fun.

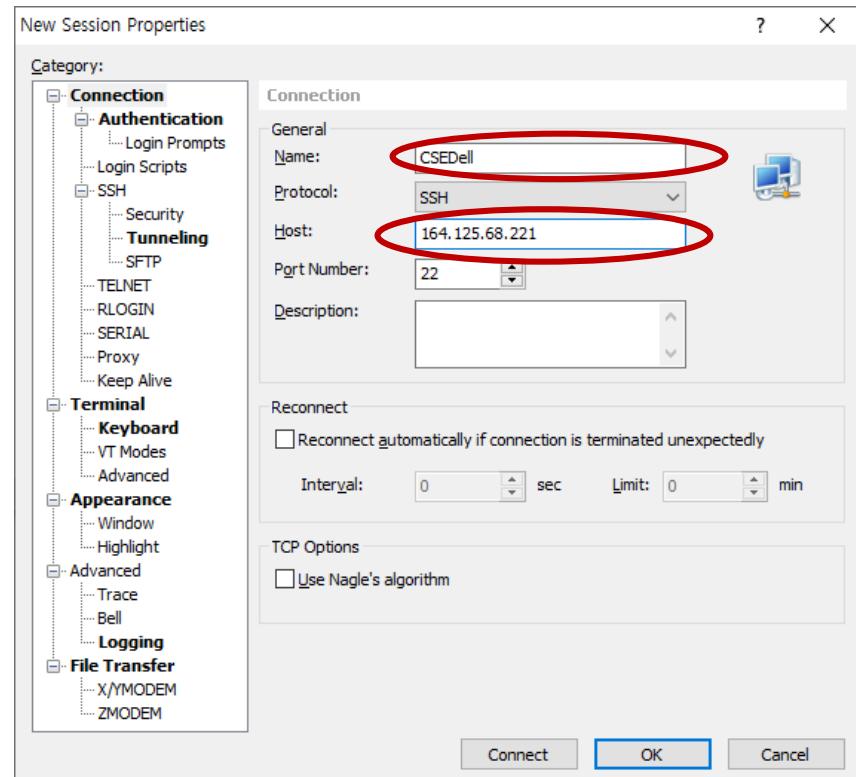
NetSarang Computer, Inc.'s free licensing of Xshell and Xftp is for non-commercial use only. Any use of our free licensing for business purposes must follow the terms laid out in our Free [End User License Agreement](#). If you are using Xshell or Xftp for commercial use, we encourage you to purchase a license to help us further develop our software.

By downloading our free licensing software, you agree to receive occasional promotional discounts or special events as well as notes and notices. You can unsubscribe from these emails via the "Unsubscribe Me" button at the bottom of any email information to third-parties.

Creating a session



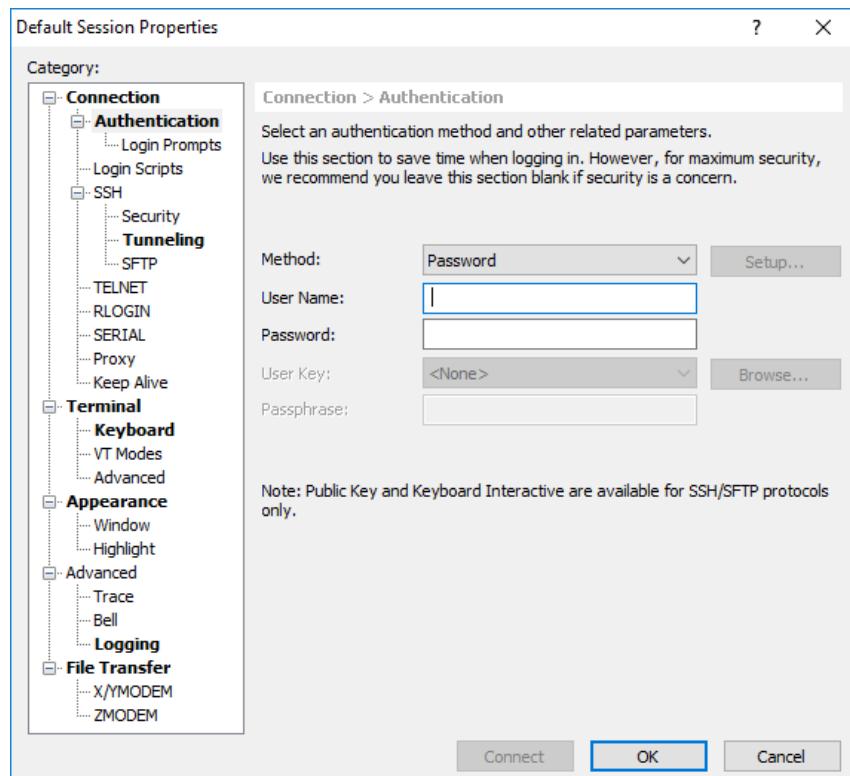
- On the **File** menu, click **New**.
 - RESULT: **New Session Properties** dialog box opens.
- In the **Host** box, enter the hostname or IP address of the remote server.
- For example
 - Name: CSEDell
 - Host: 164.125.68.221



Authentication



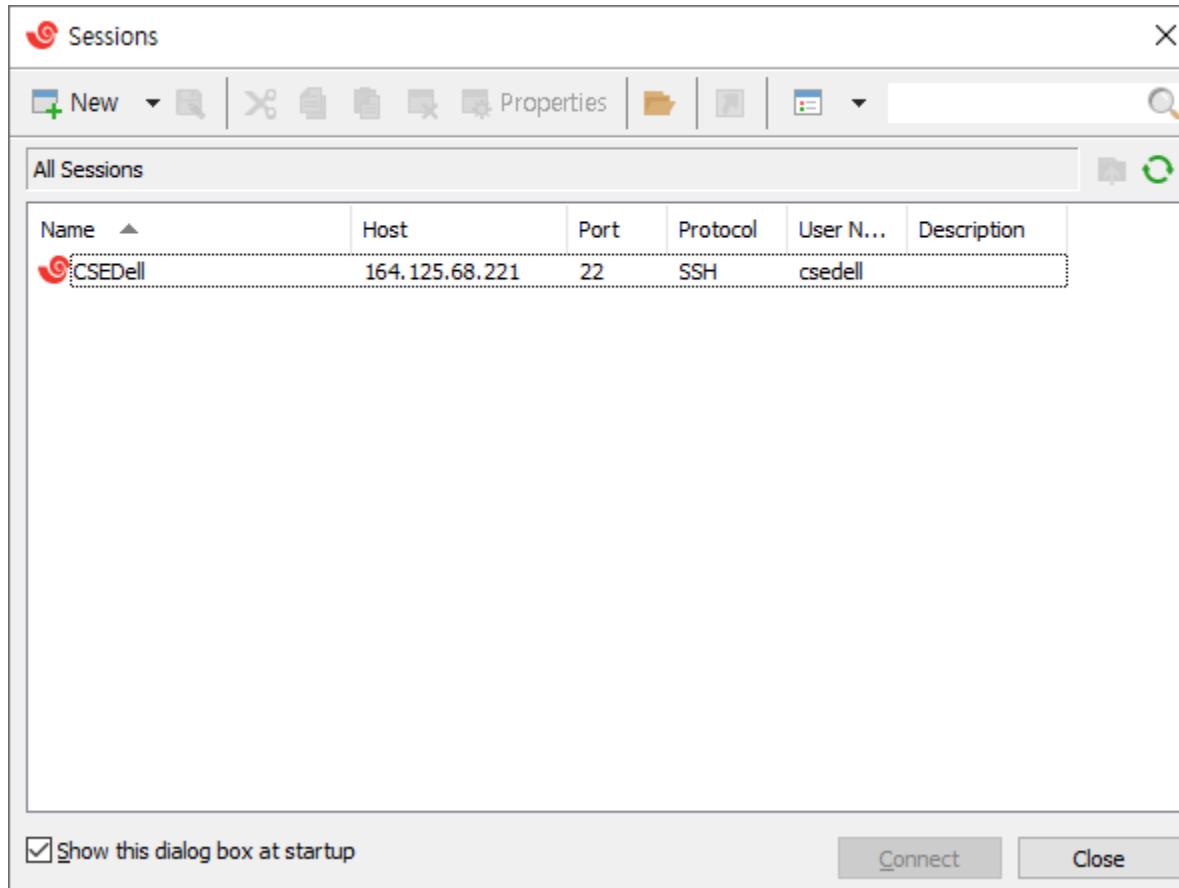
- Click on the **Authentication** in the category menu.
- In the **User Name** box, enter the name of your account on the server.
- Click OK



Connecting to the remote host (1/2)



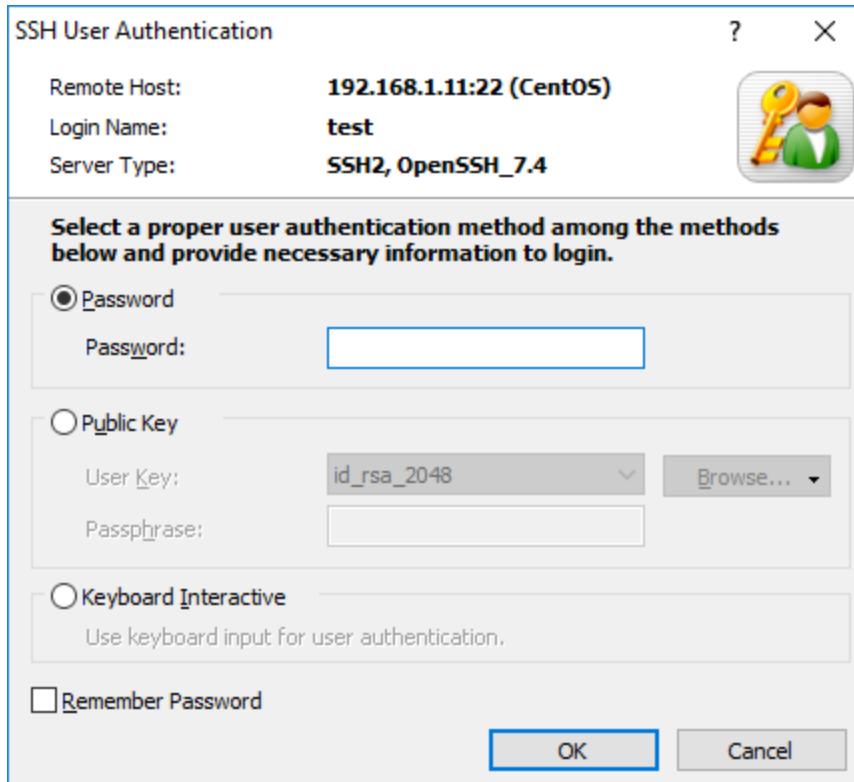
- On the **File** menu, click **Open**.



Connecting to the remote host (2/2)



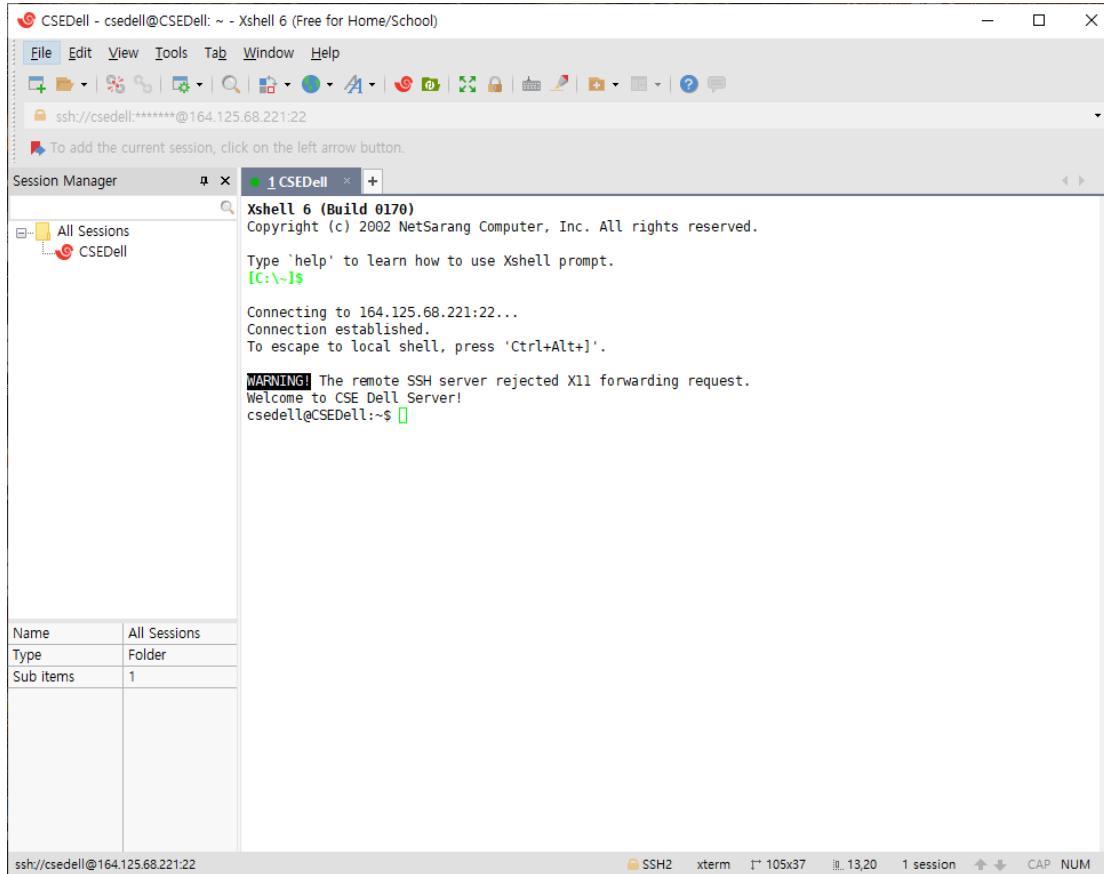
- select the session you want to connect to. And click **Connect**.



Screen shot of XShell



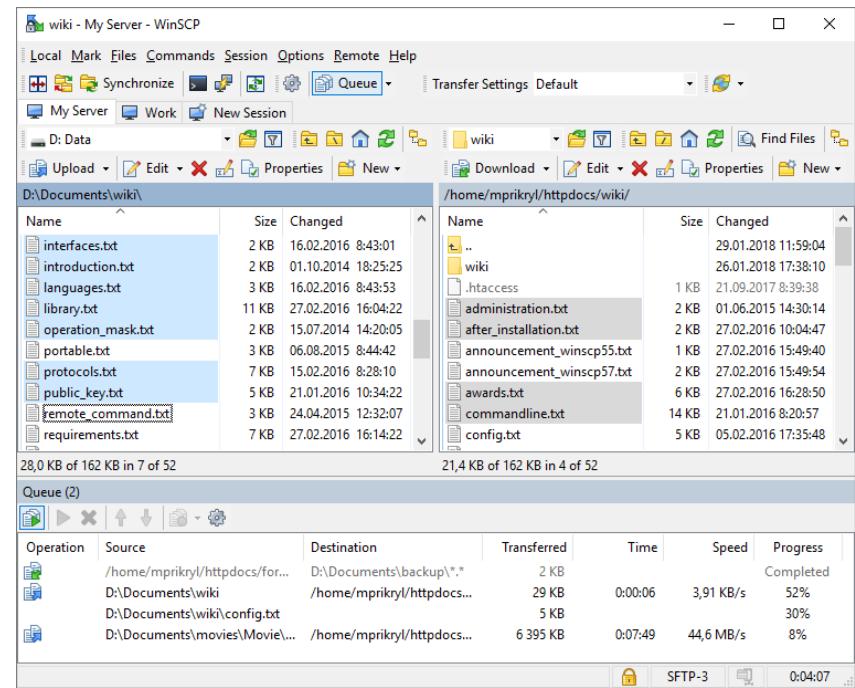
- It's a terminal.



Uploading and downloading files to Remote computers



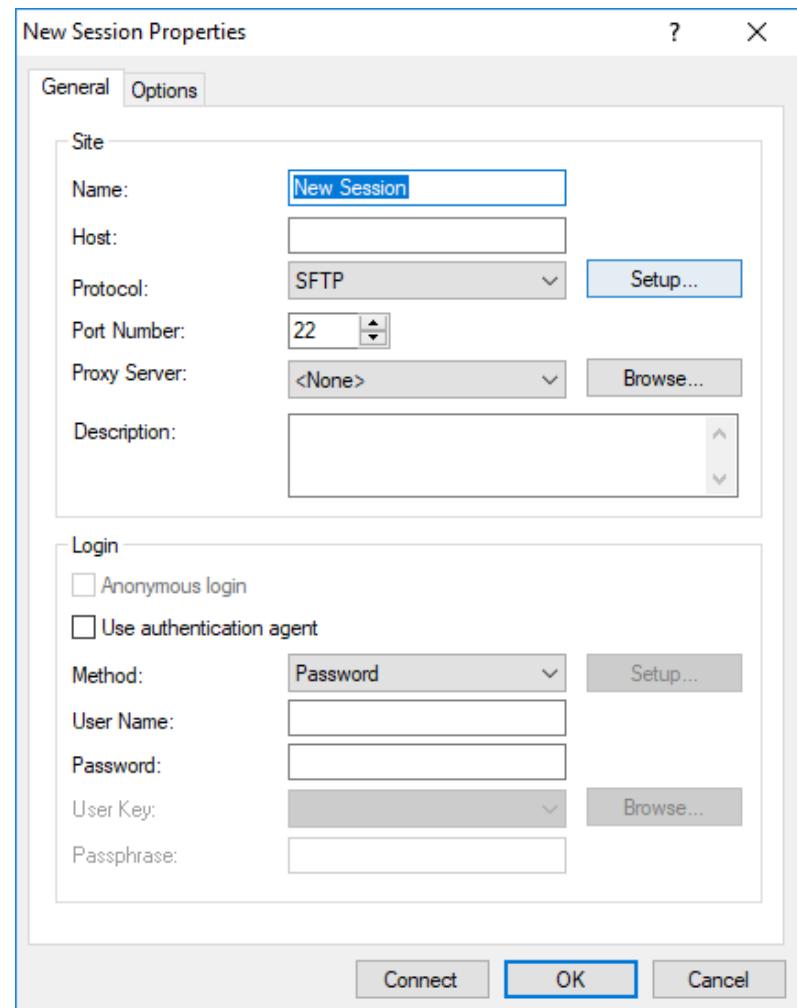
- The File Transfer Protocol (FTP)
 - a standard network protocol used for the transfer of computer files between a client and server on a computer network
- FTP clients program
 - Filezilla, Xftp, winscp, ...



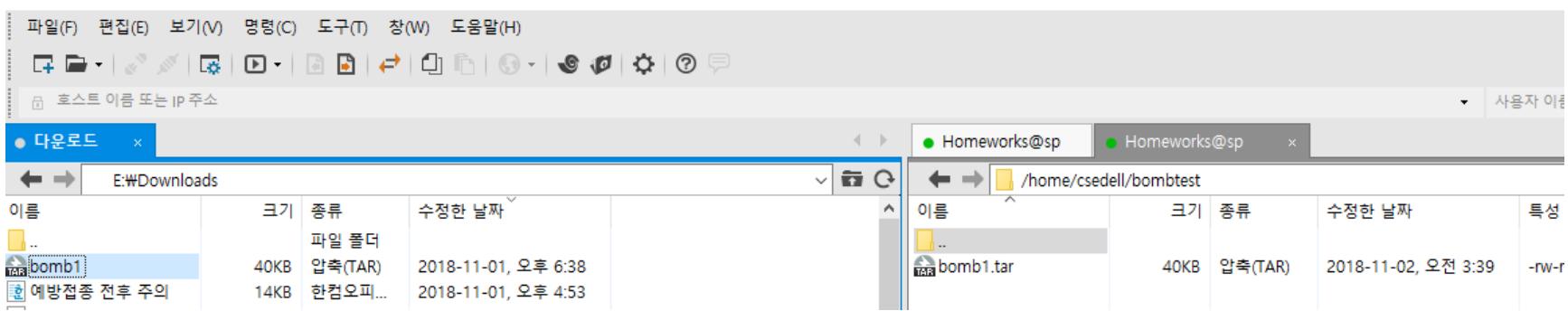
Creating a session on Xftp



- Similar to Xshell
 - Provide all information
- Protocol should be SFTP



Screen shot of Xftp



Q&A

