

NeCTAR Cloud Virtual Machines

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FileZilla

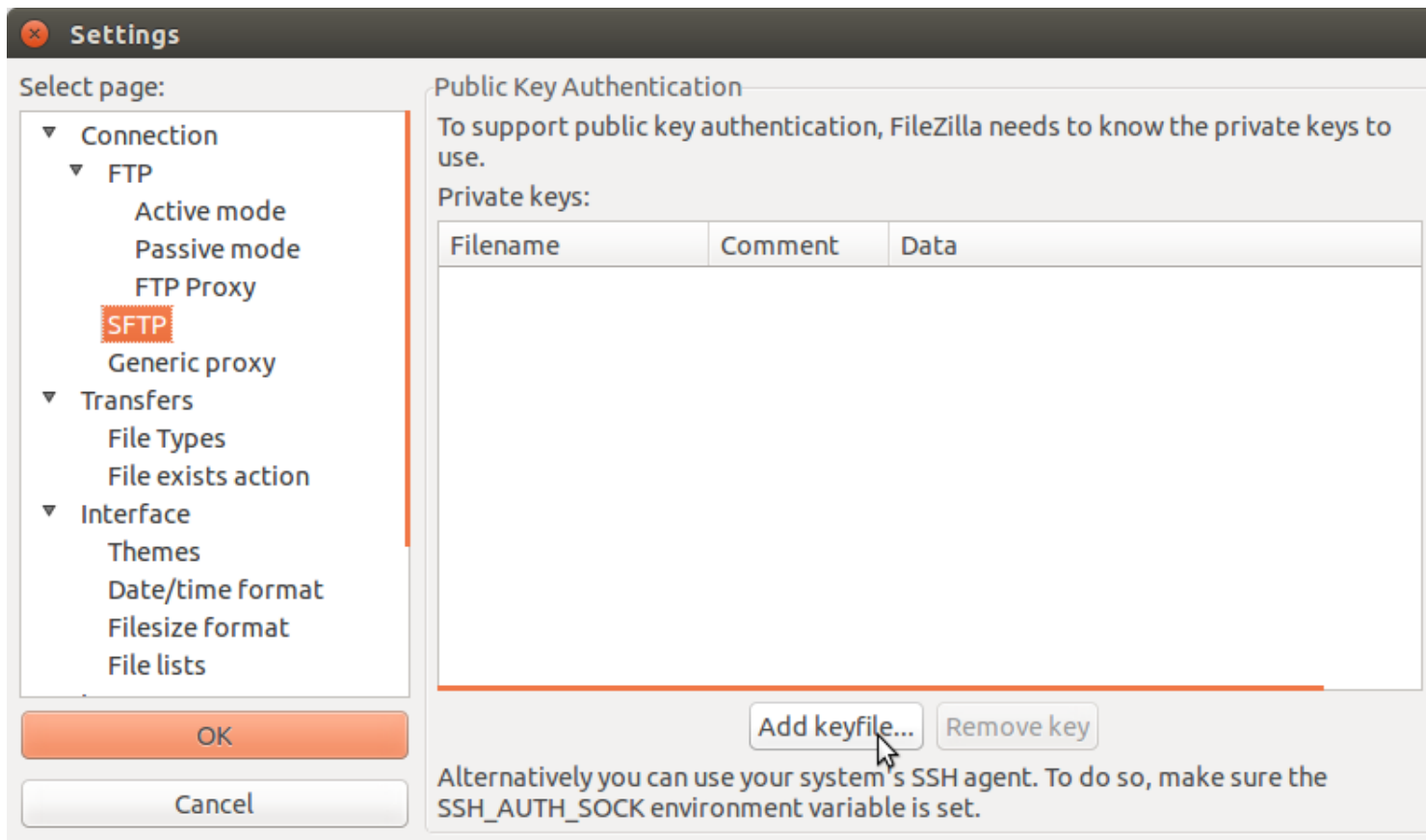
FileZilla is one of many programs that provides easy, point-and-click SFTP (secure file transfer protocol). Not only can you easily transfer files between your local computer and your virtual machine (VM), but you can also open and edit documents that are on your VM, using programs on your local computer.

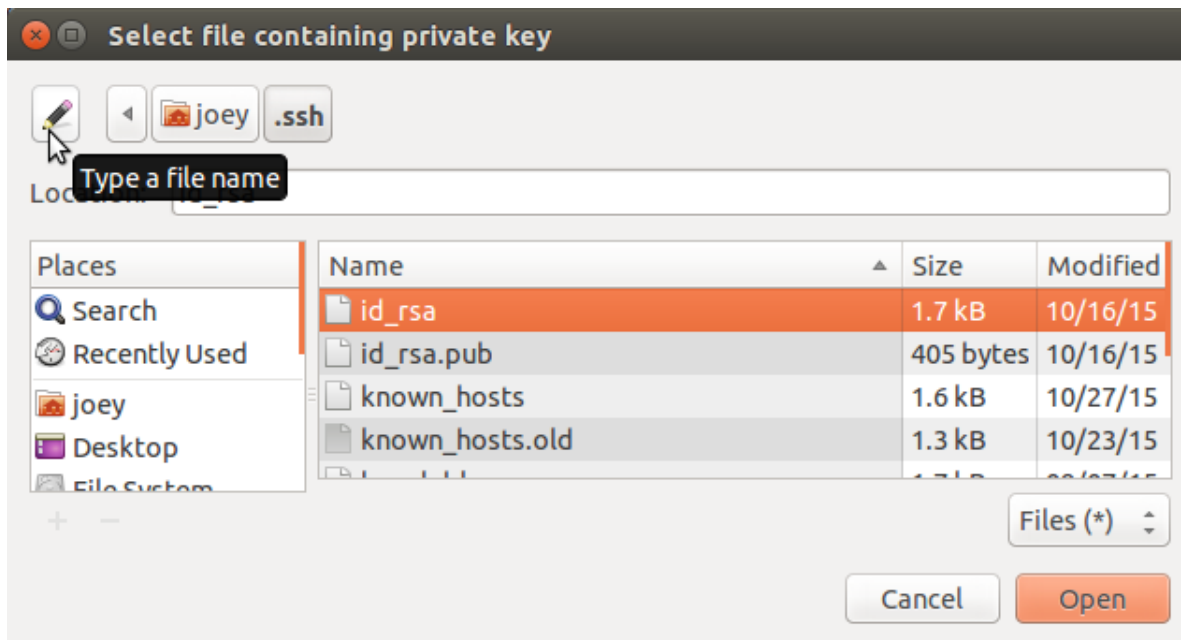
Download and Install FileZilla

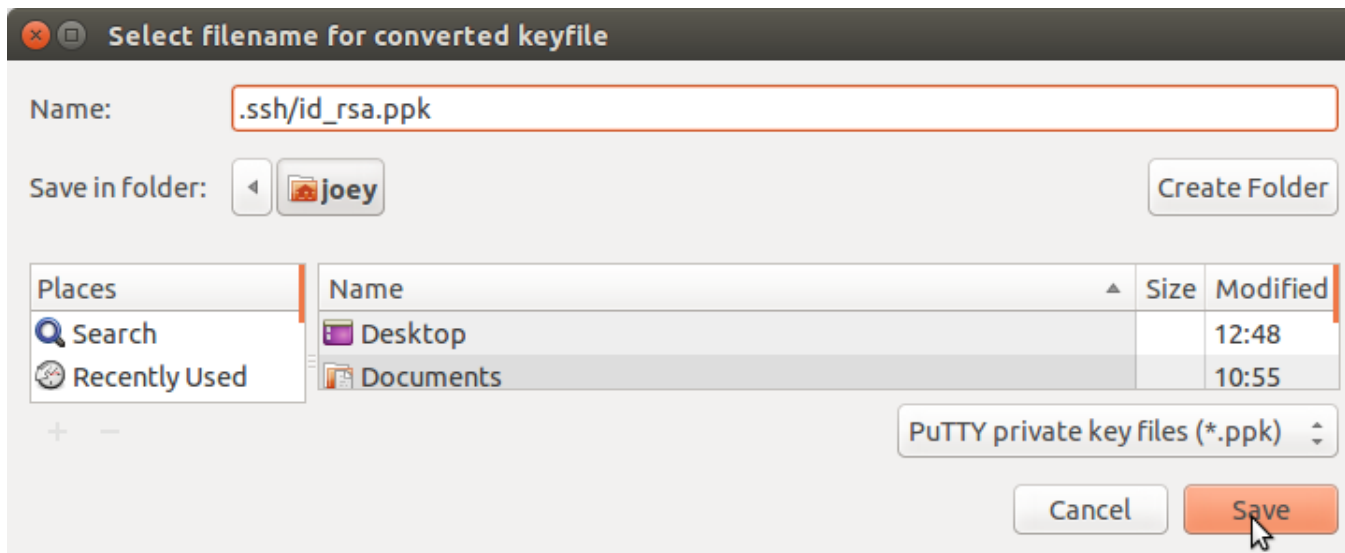
1. For Ubuntu - Install from the Ubuntu Software Centre app
2. Mac and Windows - Download the program file <https://filezilla-project.org/download.php?type=client>
3. Double click file - follow installation instructions for Windows
4. For Mac - drag the filezilla.app file to your Applications folder.
5. Open FileZilla

Add SSH keyfile

- Click the menu options
FileZilla OR Edit -> Settings OR Preferences -> Connection -> SFTP
- Click ***Add key file*** and navigate to the folder storing your SSH keys.
 - *For Mac and Ubuntu:*
*The keys are in '~/.ssh/' which will be hidden from view. There is a button in the window to allow you to type the address; enter '.ssh' in the input bar).**
- Choose your private key.
FileZilla might ask to convert the fileformat. Click OK.







Connecting FileZilla to the VM

1. Open **File -> Site Manager** .
2. Click **New Site** and give it a name.
3. Insert the *IP address* of the instance as **Host**
4. **Logon Type** is interactive
5. The user is '**ubuntu**' (or 'host' if your VM has a different operating system)
6. Click **Connect**

Site Manager

Select Entry:

My Sites

NeCTAR-smallVM

container

New Site

New Folder

New Bookmark

Rename

Delete

Duplicate

General

Advanced

Transfer Settings

Charset

Host:

130.220. .

Port:

22

Protocol:

SFTP - SSH File Transfer Protocol

Logon Type:

Interactive

User:

ubuntu

Password:

.....

Account:

Comments:

Connect

OK

Cancel

FileZilla connection

The left side of the FileZilla window will list the files of your computer.
The right side will contain the folders and files on the VM.

- Navigate to your data storage directory in the right side of the FileZilla screen.
- Drag and drop files and directories between your local computer and the VM.
- Right click in the file list area to:
 1. *Create a directory or text file*
 2. *Edit a text document (you may need to adjust **FileZilla/Edit -> Settings/Preferences -> File Editing** to ensure documents open in your local computer's default text editor.*
 3. *Delete, download or rename files or directories, etc.*

Nectar-small - sftp://ubuntu@130.220. - FileZilla

Host: Username: Password: Port: Quickconnect

Command: cd "/MyVolume"
Response: New directory is: "/MyVolume"
Command: put "/tmp/fz3temp-1/test.txt" "test.txt"
Status: local:/tmp/fz3temp-1/test.txt => remote:/MyVolume/test.txt
Status: File transfer successful, transferred 8 B in 1 second

Local site: /home/ /ersa/
Remote site: /MyVolume

Local site files:
Pictures
Public

Remote site files:
/MyVolume

Filename	Filesize	Filetype	Last modified
notes		Directory	10/22/15 09:42...
python2		Directory	11/03/15 13:52...
terminal sa...		Directory	10/13/15 11:41...
API.Rmd	6.2 KB	Rmd-file	10/13/15 15:07...
API.html	652.3 KB	html-file	10/13/15 15:07...
How to 20...	22.5 MB	zip file	10/13/15 11:41...

6 files and 4 directories. Total size: 79.8 MB

Filename	Filesize	Filetype	Last modified	Permission	Owner/G
..					
lost+found		Directory	11/03/15 13...	drwx---	root root
Commands_...	1.6 KB	md file	11/03/15 13...	-rw-rw-r--	ubuntu u..
Guides-2015-...				-rw-rw-r--	ubuntu u..
test.txt				-rw-rw-r--	ubuntu u..

Selected 1 file. Total size: 0 B

Server/Local file | Directory | Remote file | Size | Priority | Time

sftp://ubuntu@130....

Queued files | Failed transfers (6) | Successful transfers (11)

Queue: empty

Context menu options:
Download
Add files to queue
View/Edit
Create directory
Create directory and enter it
Create new file
Refresh
Delete

Nectar-small - sftp://ubuntu@130.220.1.1 - FileZilla

Host: Username: Password: Port: Quickconnect

Command: Listing directory /MyVolume
Command: get "test.txt" "/tmp/fz3temp-1/test.txt"
Status: remote:/MyVolume/test.txt => local:/tmp/fz3temp-1/test.txt
Status: File transfer successful, transferred 0 B in 1 second
Status: Disconnected from server

Local site: /home/.../ers... Remote site: /MyVolume

Local site files:
Pictures
Public
notes
python2
terminal sa...
API.Rmd 6.2 K
API.html 652.3 K
How to 20... 22.5 M
6 files and 4 directories. Total size: 1.2 MB

Remote site files:
..
lost+found
Commands_... 1.6 KB md-file 11/03/15 13... -rw-rw-r- ubuntu u..
Guides-2015-... 4.2 MB zip-file 11/03/15 13... -rw-rw-r- ubuntu u..
test.txt 0 B txt-file 11/03/15 13... -rw-rw-r- ubuntu u..
Selected 1 file. Total size: 0 B

File has changed
A file previously opened has been changed.
Filename: test.txt
Server: sftp://ubuntu@130.220.1.1
Remote path: /MyVolume
Upload this file back to the server?
☒ Finish editing and delete local file

Server/Local file	Directory	Remote file	Size	Priority	Time	Reason
sftp://ubuntu@130.220.1.1						

Queued files Failed transfers (6) Successful transfers (10)

Queue: empty