- 1) Navigate to https://cpanel.dev.fast.sheridanc.on.ca
- 2) Regardless if you have or had an existing account, please click on the "Log in via Sheridan" button

(cPanel °
Use	rname
±	Enter your username.
Pass	sword
	Enter your account password.
	Log in
	(OR)
	Sheridan Log in via Sheridan

3) It will trigger a new Microsoft sign in window where you will need to enter your username@shernet.sheridancollege.ca credentials.

Sherid Sign in	an	
myusername@shern	et.sheridancollege.c	a
Can't access your accou	int?	
	Back	Next

4) Once you have successfully signed in, the landing page will look similar to this:



5) The default view from the image above is the "Tools" view. You will need to scroll down to the "Security" section and click "SSH Access"

• Security			^
SSH Access	P Blocker	SSL/TLS	
API Manage API Tokens	Hotlink Protection	Leech Protection	
SSL/TLS Wizard	SSL/TLS Status		

6) You will need to click on "Manage SSH Keys"

Manage SSH Keys The public and private key are similar to a puzzle. They are created together to use dur remote location). The private key resides locally on your computer/server. When you a "match", then you will be allowed to login to the server location.

7) You will need to generate a new SSH Key as by default there isn't anything in either Public or Private keys.



8) The information you need to supply is shown below

Generating a Public Key

RSA vs DSA: RSA and DSA are encryption algorithms used to encrypt your key. DS	A is faster for Key Generation and Signing
Key Name (This value defaults to "id_rsa".):	
id_rsa	
Key Password:	
Reenter Password:	
Strength 🕄	
Very Weak (0/100)	Password Generator
Кеу Туре:	
RSA ~	
Key Size:	
2048 ~	
Generate Key	

The Key Name can be called whatever you like, I would recommend calling it cpanel_key. The Key Password is required and it is a layer of protection for the key pair once created.

The password you choose needs to satisfy the strength/complexity requirements. You can use your own, or use the password generator (you will need to remember this password) Leave the Key Type and Key Size default. Once you have filled the needed information, it will look like the following. Click on "Generate Key" when done

Generating a Public Key

Key News (This years defended to Welling W)

RSA vs DSA: RSA and DSA are encryption algorithms used to encrypt your key. DSA is

key Name (Thi	s value defaults to "id_rsa".):
cpanel_key	
Key Password:	
•••••	
Reenter Passw	ord:
•••••	
Strength 🕄	
	Very Strong (100/100)
Кеу Туре:	
RSA	~
Key Size:	
2048	~
Generate Key	

Once generated, you will see "Key Generation Complete!". Just click on "Go Back" at the bottom

9) Now that your key has been created, you will see the following. By default the key won't be authorized, so the next step is to authorize. Click on "Manage"

Public Keys

	-			
Name	Authorization Status	Actions		
cpanel_key	not authorized	🛅 Delete	🛓 View/Download	🖋 Manage

NOTE: If you authorize a key that is identical to other keys, those keys may also become authorized.

Private Keys

Name	Actions	
cpanel_key	聞 Delete	Ł View/Download

10) Click "Authorize", then click "Go Back"

SSH Access
The key with the name "cpanel_key" is currently " not authorized " for use when connecting to this account.
Go Back
The key "cpanel_key.pub" has been authorized.

11) Now that the key has been authorized, the "Authorization Status" will now reflect it as being authorized, you will need to download the private key

Public Ke	Public Keys				
Name	Authorization Status	Actions			
cpanel_key	authorized	🛅 Delete	🛓 View/Download	🗲 Manage	

NOTE: If you authorize a key that is identical to other keys, those keys may also become authorized.

Private Keys

Name	Actions	
cpanel_key	💼 Delete	≟ View/Download

The "View/Download" will show you the entirety of your private key – it is important to keep this safe and not share your private key with anyone. Finalize by clicking on "Download Key". Depending on your browser, it will either just save the file to your Downloads folder, or it may open an explorer window where it will ask you where you want to save this file 12) Now that the private key has been downloaded, you will need to open FileZilla. This assumes you already have this application already installed. Once opened, click "Edit", "Settings"

Fz I	ileZil	la				
File	Edit	View	Transfer	Server	Bookmarks	F
11		Networ	k configur	ation wiz	ard	1
Host:		Clear pi	rivate data			-
Statu		Settings	5		2	

13) With the settings open, click on "SFTP", then click on "Add key file"

Select page:	Public Key Authentic	ation		
Connection	To support public key authentication, FileZilla needs to know the private keys to use. Private keys:			
FTP Proxy SFTP Generic proxy	Filename	Comment	Data	
Transfers				
FTP: File Types				
File exists action				
Interface				
Passwords				
Themes				
Date/time format				
- Filesize format				
- File lists				
Language				
File editing	<			3
Filetype associations				
Updates		Add key file R	emove key	

14) Browse to the saved cpanel_key file, select it, and click "Open"

E Select file containing private key



15) You will see a message appear that states "Convert key_file". We will need to do this, so click on "Yes" to convert the key to the correct supported

format



It will then prompt for a password, this is the same password you assigned in Step #8. Enter your password, and click "OK"

Password required	×					
Enter the password for the file 'C:\Users\Sample User \Downloads\cpanel_key'. The converted file will be protected with the same password.						
•••••						
OK Canc	el					

16) It will prompt you to choose a file name (it needs to save the converted key). You can use the same name as we will just overwrite it

File name:	cpanel_key	~
Save as type:	ype: PuTTY private key files (*.ppk) 🗸 🗸 🗸	
 Hide Folders 	Save Cancel	

When you see the "Confirm Save As" message asking you to overwrite, just click "Yes"

Confirm Save As	
cpanel_key already exists. Do you want to replace it?	
	Yes No

NOTE: At this point, if you look at where you saved your key, there should be two files

cpanel_key.ppk -> This is needed for FileZilla

cpanel_key -> This is needed for straight SSH connectivity

cpanel_key.ppk

17) Now that the key has been converted, it will now be shown in the list. Click "OK", to exit the settings of FileZilla. We will now create a session to your cPanel account.

The three pieces of information are highlighted below:

File	Edit View Transfer Server E	Bookmarks Help		
111	- 🗈 🗂 🗖 🗱 🖸 🌆	t 🗓 🖞 🔍 🗮 🖉 🖉 🥀)	
Host:	Username:	Password:	Port:	Quickconnect
-				

Host -> sftp://dev.fast.sheridanc.on.ca

Username -> your Sheridan username

Password -> your Sheridan password

click "Quickconnect"

Check the box to always trust this host, and click "OK"



The next prompt will ask for your password you set in step #8

Enter password	×
Please enter a password for this server:	
Host: dev.fast.sheridanc.on.ca	
User: username	
Challenge:	
Passphrase for key "" in key file "C:\Users\Your Usernam&Downloads \cpanel_key.ppk"	^
I	~
Password:	
Remember password until FileZilla is closed	
ОК	Cancel

After you click "OK", it will successfully log you in and you should see your files from cPanel on the right side, and your local files on the left side.