## Log in CSC Servers Using Key-based Authentication vis Putty

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1. Have your private key ready. The private key should pair with the public key already put in the remote server.

🕵 PuTTY Configuration		×
Category:		
<ul> <li>Session</li> <li>Logging</li> <li>Terminal</li> <li>Keyboard</li> <li>Bell</li> <li>Features</li> <li>Window</li> <li>Appearance</li> <li>Behaviour</li> <li>Translation</li> <li>Selection</li> <li>Colours</li> <li>Connection</li> <li>Data</li> <li>Proxy</li> <li>SSH</li> <li>Serial</li> <li>Telnet</li> <li>Rlogin</li> <li>SUPDUP</li> </ul>	Basic options for your PuTTY         Specify the destination you want to conner         Host Name (or IP address)         cs1.txwes.edu         Connection type: <ul> <li>SSH</li> <li>Serial</li> <li>Other:</li> <li>T</li> </ul> Load, save or delete a stored session         Saved Sessions         cs1.txwes.edu         Default Settings         cs1.txwes.edu         cs2.txwes.edu         cs2.txwes.edu         cscdevprod03.txwes.edu         Close window on exit         Always         Never         Only of	r session Port 22 elnet ✓ Load Sa <u>v</u> e Delete n clean exit
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2. Under the Connection, expand SSH and then Auth. Select Credentials. On the right panel, select your private file for the textbox under "Private key for authentication."



3. Under the Connection, select Data. On the right hand side panel, type your username in the textbox named "Auto-login username.

🕵 PuTTY Configuration				×
Category:				
Session		Data to send to the server		
Logging		Login details		
Keyboard		A <u>u</u> to-login username	-	
Features ⊡·Window		Whe <u>n</u> username is not s Prompt OUse s	pecified: system username (y	yzhang)
Appearance		Terminal details		
- Translation		Terminal-type string	xterm	
Geleurs		Terminal <u>s</u> peeds	38400,38400	)
Connection		Environment variables		
Proxy		<u>V</u> ariable		A <u>d</u> d
Kex		Value		Remove
Host keys				
Auth				
Credentials				
GSSAPI				
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4. Go back to the Session on the left panel, click on the Open button to connect.

🕵 PuTTY Configuration		>	<
Category:			
Session     Logging     Terminal     Keyboard     Bell     Features     Window     Appearance     Behaviour     Translation     Selection     Colours     Connection     Proxy     SSH     Kex     Host keys     Cipher     Auth	^	Basic options for your PuTTY session         Specify the destination you want to connect to         Host Name (or IP address)       Port         cs1.txwes.edu       22         Connection type:       Other:         Telnet       V         Load, save or delete a stored session         Saved Sessions         cs1.txwes.edu         Default Settings         cs1.txwes.edu         Saved Sessions         cs1.txwes.edu         Default Settings         cs2.txwes.edu         Save         Default Settings         cs2.txwes.edu         Save         Default Settings         cs2.txwes.edu         Delete	
GSSAPI		Close window on e <u>x</u> it Always Never Only on clean exit	
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5. Type passphrase for your private key file and hit the return button to log in.



yzhang@ip-172-31-84-83:~ - □ × Using username "yzhang". Authenticating with public key "eddsa-key-20231209" Passphrase for key "eddsa-key-20231209": Wrong passphrase Passphrase for key "eddsa-key-20231209": Register this system with Red Hat Insights: insights-client --register Create an account or view all your systems at https://red.ht/insights-da shboard Last login: Tue Jan 23 18:28:23 2024 from 64.64.64.2 [yzhang@ip-172-31-84-83 ~]\$