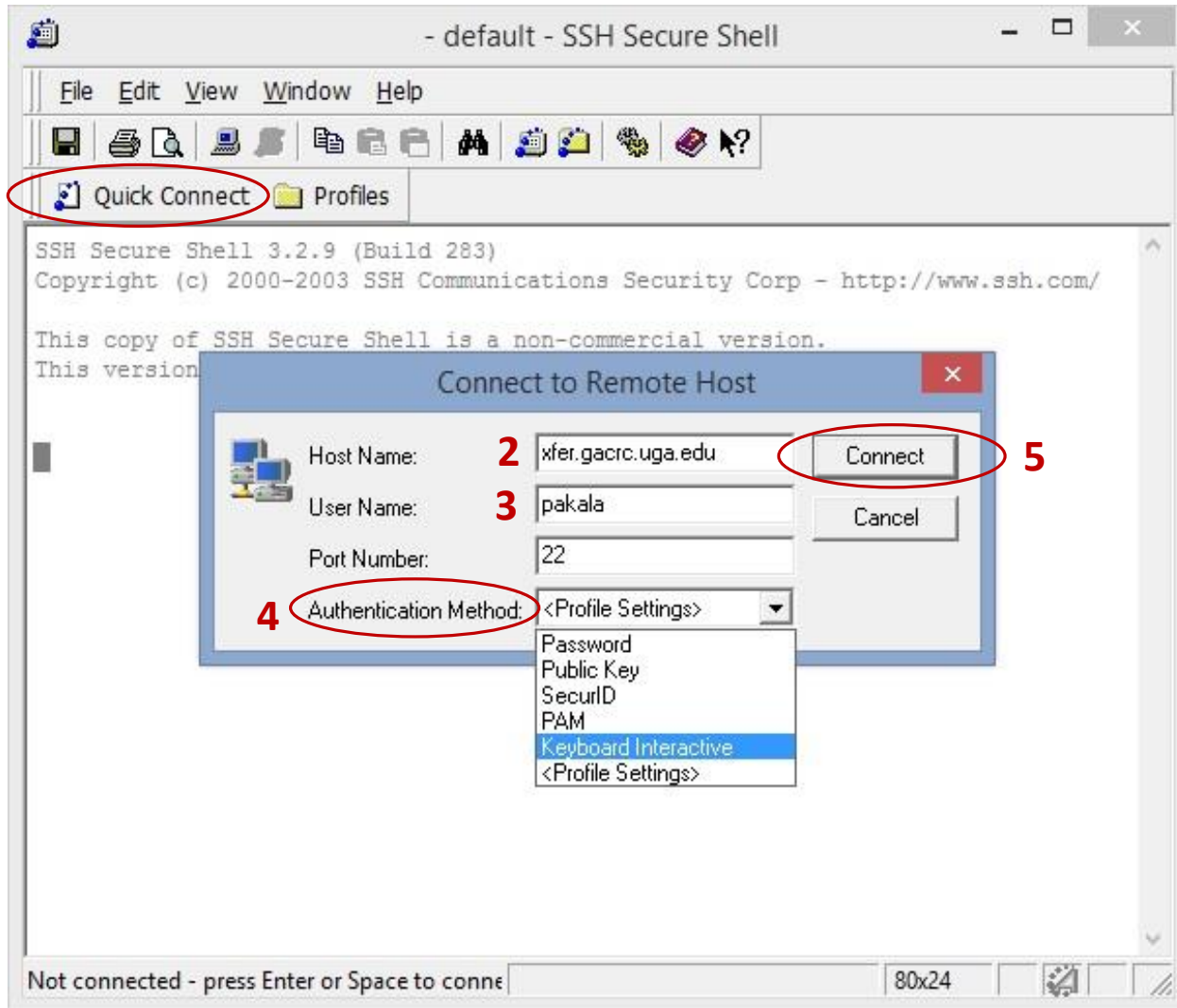
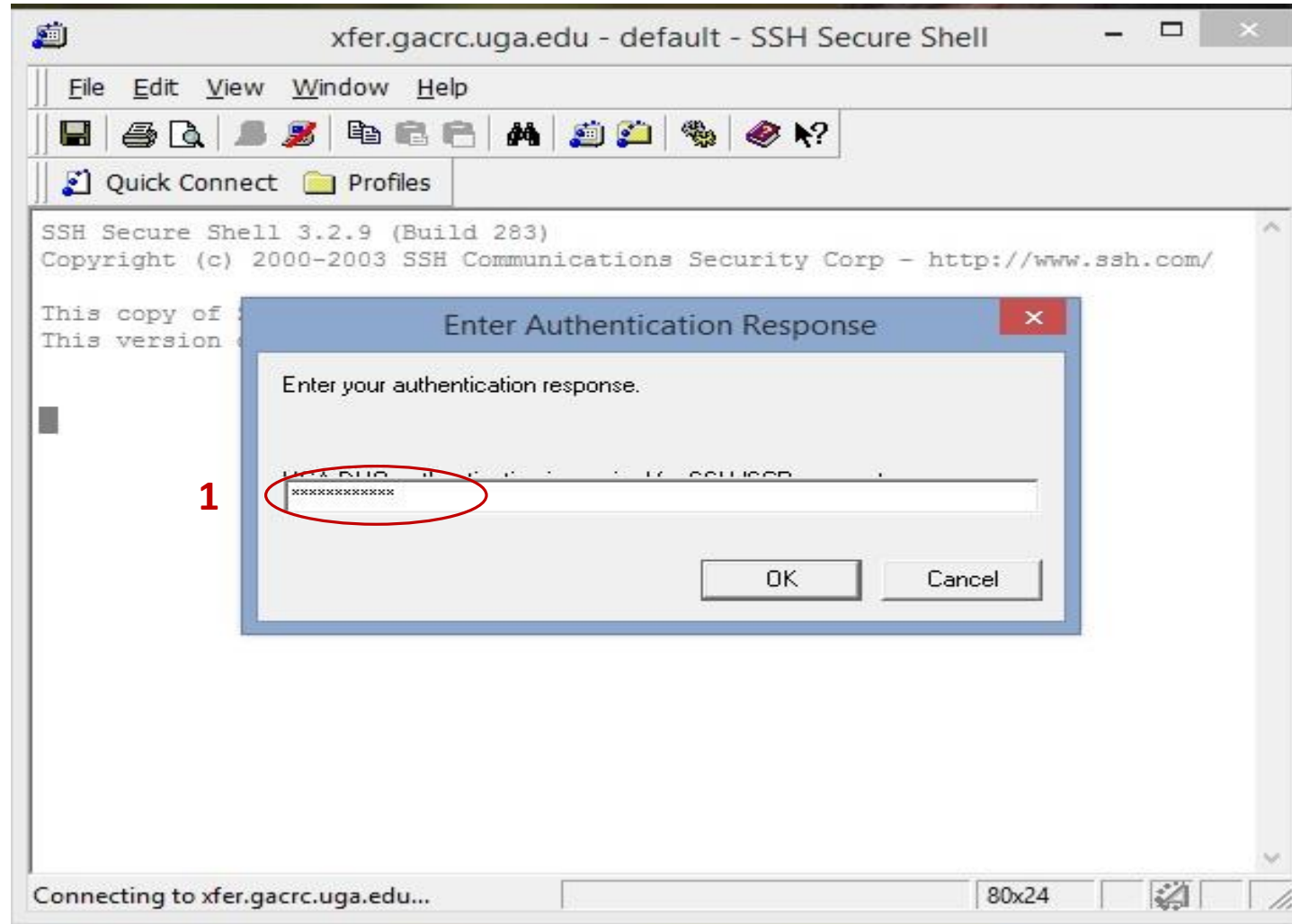


# STEP 1



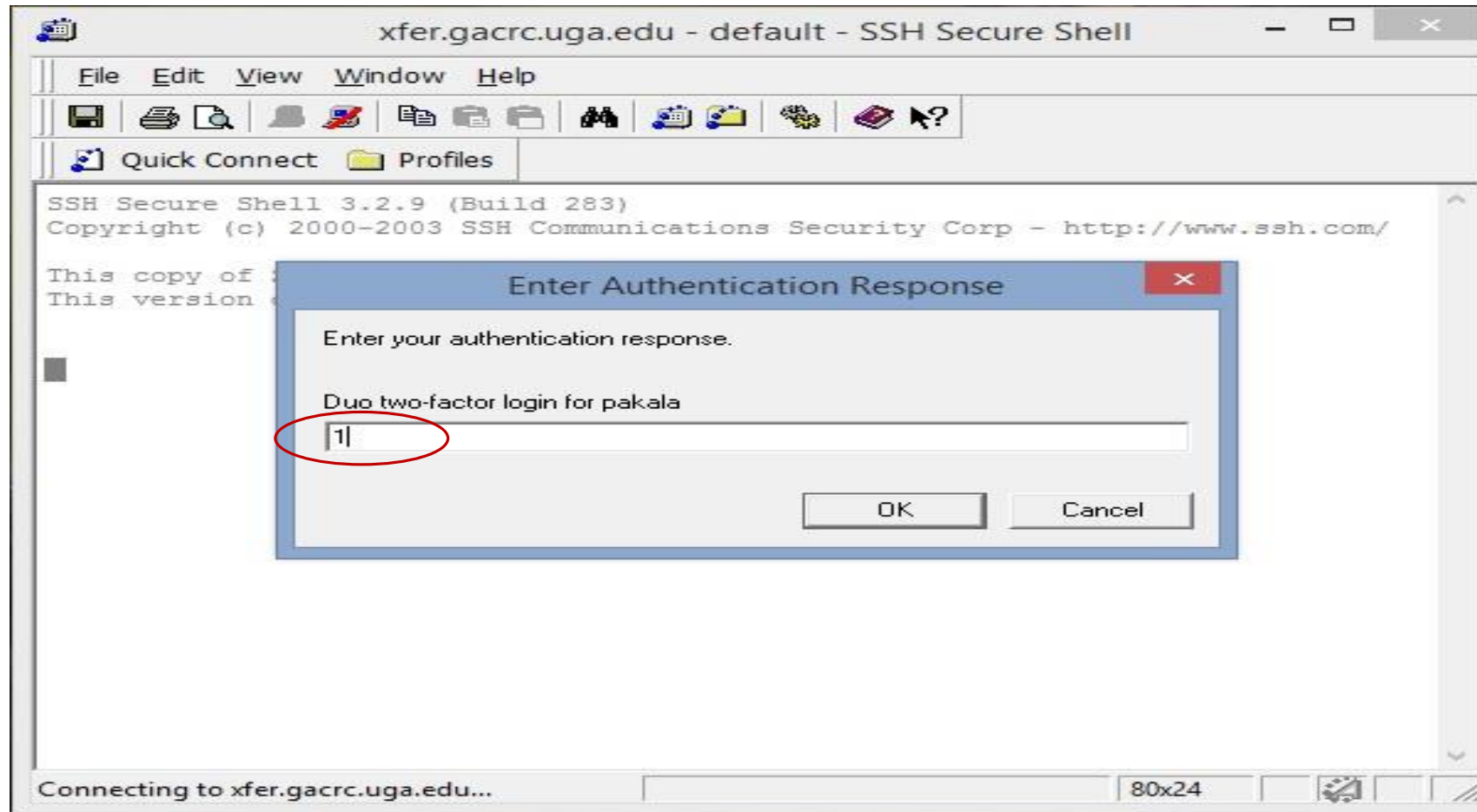
1. Open the SSH Secure Shell and click on : "**Quick connect**".
2. Hostname: **xfer.gacrc.uga.edu**
3. User Name: **your UGA MyID**
  - Port Number: 22
4. Authentication Method: Please choose "**Keyboard Interactive**"
5. Enter above information and click "**Connect**"

## STEP 2



**1.** You need to enter your UGA MyID Password

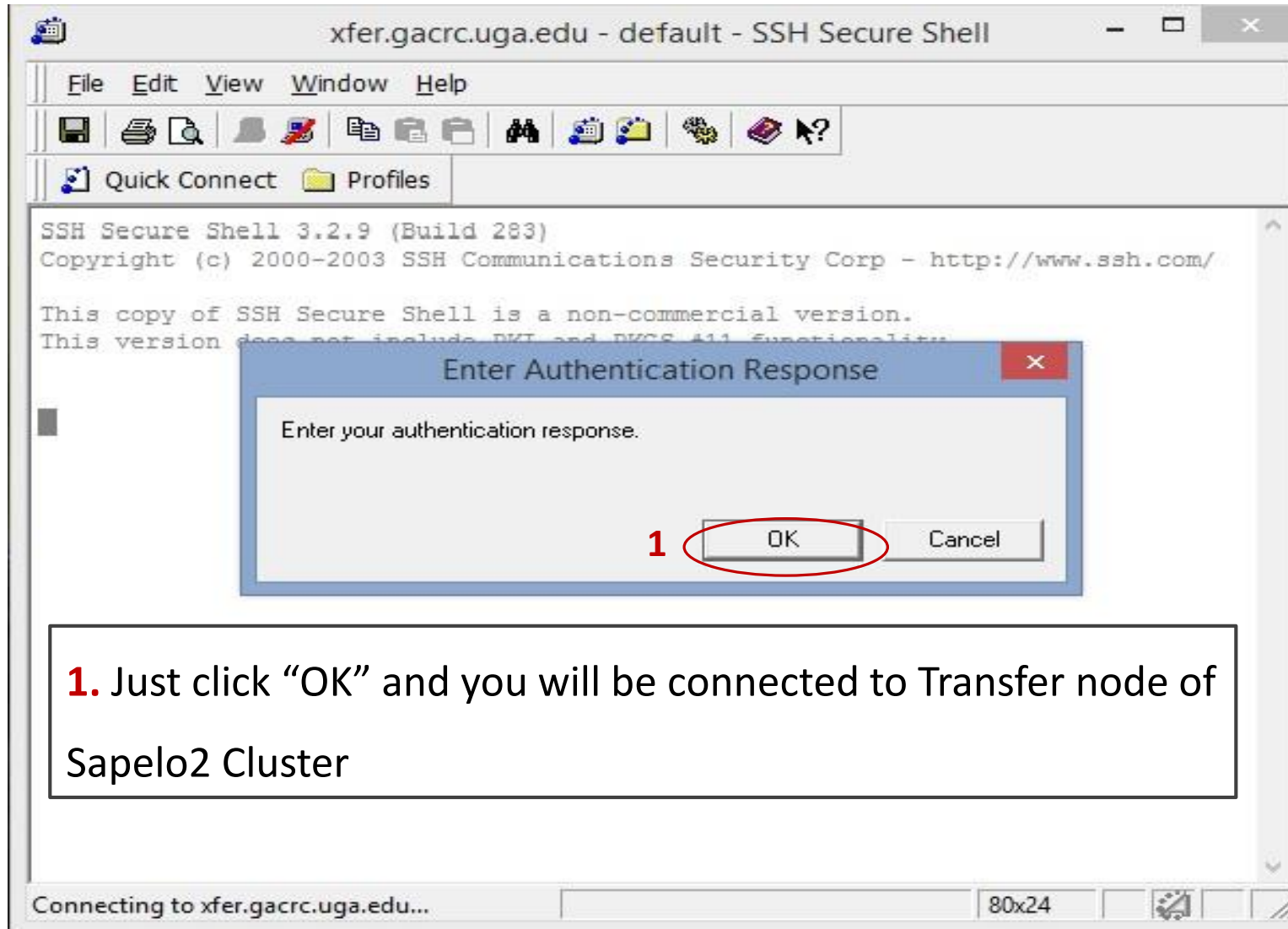
## STEP 3



**Now you need to enter DUO two factor authentication code**

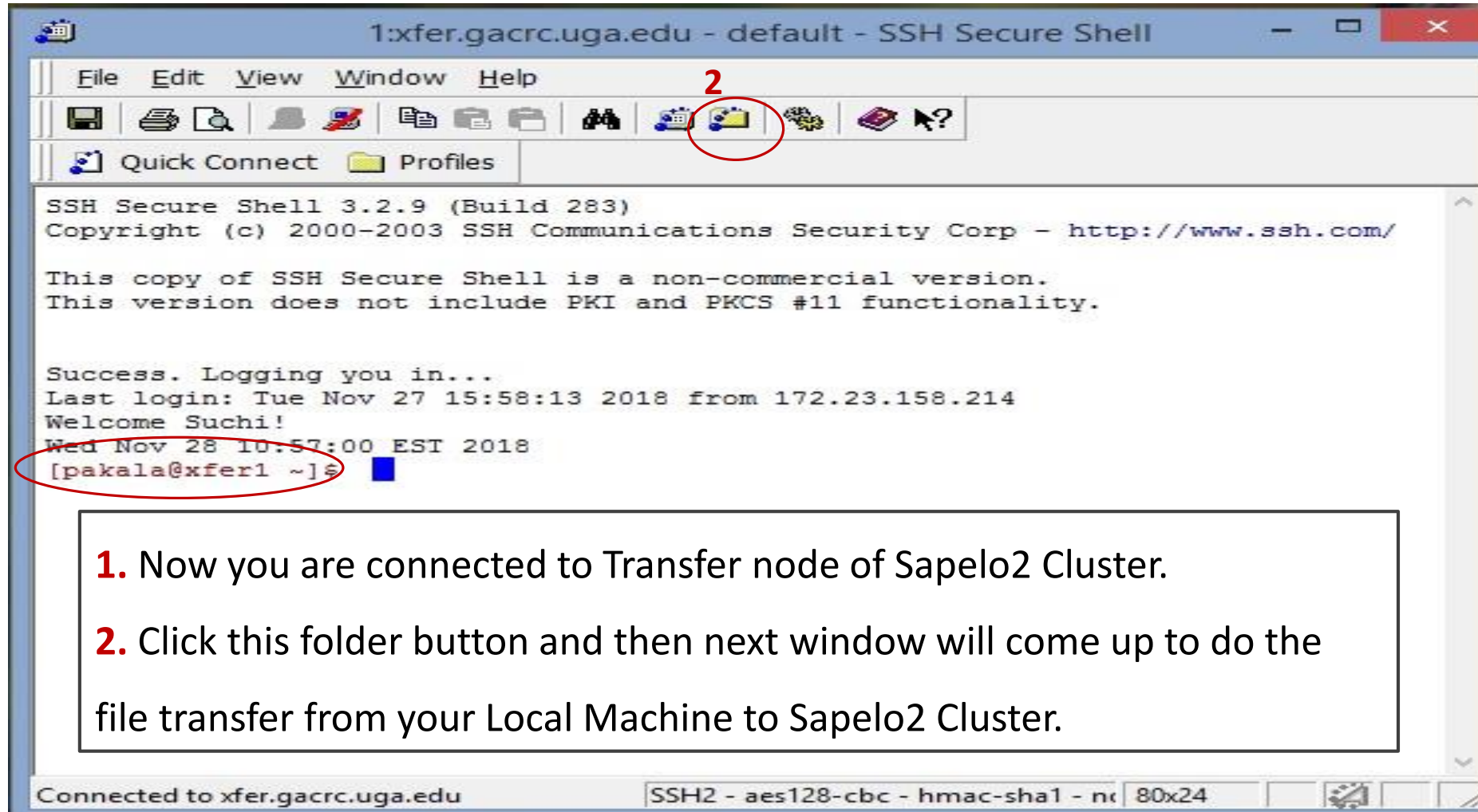
1. Duo Push to XXX-XXX-3898
2. Phone call to XXX-XXX-3898
3. SMS passcodes to XXX-XXX-3898

## STEP 4



**1.** Just click "OK" and you will be connected to Transfer node of Sapelo2 Cluster

## STEP 5



The screenshot shows an SSH Secure Shell window titled "1:xfer.gacrc.uga.edu - default - SSH Secure Shell". The terminal output includes the SSH version (3.2.9), copyright information, a non-commercial disclaimer, and a successful login message: "Success. Logging you in... Last login: Tue Nov 27 15:58:13 2018 from 172.23.158.214 Welcome Suchi! Wed Nov 28 10:57:00 EST 2018". The prompt "[pakala@xfer1 ~]\$" is circled in red with the number "1". In the toolbar, a folder icon is circled in red with the number "2".

**1.** Now you are connected to Transfer node of Sapelo2 Cluster.

**2.** Click this folder button and then next window will come up to do the file transfer from your Local Machine to Sapelo2 Cluster.



## STEP 6

The screenshot shows an SSH Secure File Transfer window titled "2:xfer.gacrc.uga.edu - default - SSH Secure File Transfer". The window is divided into two main panes. The left pane, labeled "Local Name", shows a list of local files and folders on the user's machine. The right pane, labeled "Remote Name", shows a list of files and folders on the remote server. A red circle labeled "1" highlights the "Local Name" header, and another red circle labeled "2" highlights the address bar containing "/home/pakala".

Local Name	Size	Type	Modified	Remote Name	Size	Type	Modified
OneDrive		System F...	11/19/2018 03:3	Linux_Scripts		Folder	04/19/2017 12:03
Homegroup		System F...		example_script.sh	425	SH File	03/27/2018 03:41
suchitra pakala		System F...	11/26/2018 03:0	hello.sh	136	SH File	02/26/2018 09:26
My Computer		System F...		sample_script	468	File	04/02/2018 02:23
Libraries		System F...		sample_script2	137	File	04/19/2018 11:17
Network		System F...		ss1.txt	9	Text Doc...	11/05/2018 03:12
Control Panel		System F...		sub.sh	285	SH File	09/13/2018 02:22
Recycle Bin		System F...		transcripts_filename.txt	7	Text Doc...	10/03/2018 03:00
Control Panel		System F...		Yecheng_Module_List_Suc...	1,408	Text Doc...	07/30/2018 02:16
FileZilla Client	1,881	Shortcut	09/06/2018 09:2				
Skype	1,337	Shortcut	11/16/2018 01:5				
SSH Secure File Transfer C	2,221	Shortcut	11/11/2015 00:1				

Transfer | Queue |

Source File	Source Directory	Destination Directory	Size	Status	Speed	Time
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Connected to xfer.gacrc.uga.edu - /home/pakala | SSH2 - aes128-cbc - hmac-sha1 - nr | 9 items (2.9 KB)

1. Files/Folders of your Local Machine.      2. Connected to home directory of your Sapelo2 Cluster.

Just drag and drop the files/folders to transfer them from your local machine to cluster or vice-versa.

## STEP 7

1

2

Local Name	Size	Type	Modified	Remote Name	Size	Type	Modified
OneDrive		System F...	11/19/2018 03:35:5...	testdir1		Folder	11/07/2018 12:22:5...
Homegroup		System F...		Training		Folder	11/13/2018 03:12:5...
suchitra pakala		System F...	11/26/2018 03:08:3...				
My Computer		System F...					
Libraries		System F...					
Network		System F...					
Control Panel		System F...					
Recycle Bin		System F...					
Control Panel		System F...					
FileZilla Client	1,881	Shortcut	09/06/2018 09:25:1...				
Skype	1,337	Shortcut	11/16/2018 01:54:0...				
SSH Secure File Transfer C...	2,321	Shortcut	11/11/2015 09:17:3...				

Source File	Source Directory	Destination Directory	Size	Status	Speed	Time
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Connected to xfer.gacrc.uga.edu - /scratch/pakala

SSH2 - aes128-cbc - hmac-sha1 - nr | 2 items (0 Bytes)

1. Files/Folders of your Local Machine.
2. Connected to scratch directory of your Sapelo2 Cluster.

Just drag and drop the files/folders to transfer them from your local machine to cluster or vice-versa.

## STEP 8

The screenshot shows the FileZilla Client interface. The title bar reads "2:xfer.gacrc.uga.edu - default - SSH Secure File Transfer". The menu bar includes File, Edit, View, Operation, Window, and Help. The toolbar contains various icons for file operations. Below the toolbar, there are "Quick Connect" and "Profiles" sections. The main area is divided into two panes: "Local Name" on the left and "Remote Name" on the right. The "Local Name" pane shows a list of local files and folders, including OneDrive, Homegroup, suchitra pakala, My Computer, Libraries, Network, Control Panel, Recycle Bin, FileZilla Client, Skype, and SSH Secure File Transfer C... The "Remote Name" pane shows a list of remote files and folders, including a folder named "Pakala". The status bar at the bottom indicates "Connected to xfer.gacrc.uga.edu - /work/gacrc-instruction" and "SSH2 - aes128-cbc - hmac-sha1 - n 1 items (0 Bytes)".

1. Local Name

2. /work/gacrc-instruction

Local Name	Size	Type	Modified	Remote Name	Size	Type	Modified	Attribut
OneDrive		System F...	11/28/2018 11:38:3...	Pakala		Folder	11/28/2018 03:56:3...	drwxr-x
Homegroup		System F...						
suchitra pakala		System F...	11/28/2018 11:38:0...					
My Computer		System F...						
Libraries		System F...						
Network		System F...						
Control Panel		System F...						
Recycle Bin		System F...						
Control Panel		System F...						
FileZilla Client	1,881	Shortcut	09/06/2018 09:25:1...					
Skype	1,337	Shortcut	11/16/2018 01:54:0...					
SSH Secure File Transfer C...	2,321	Shortcut	11/11/2015 09:17:3...					

Transfer	Queue					
Source File	Source Directory	Destination Directory	Size	Status	Speed	Time

Connected to xfer.gacrc.uga.edu - /work/gacrc-instruction

SSH2 - aes128-cbc - hmac-sha1 - n 1 items (0 Bytes)

1. Files/Folders of your Local Machine.
2. Connected to work directory of your Sapelo2 Cluster.

Just drag and drop the files/folders to transfer them from your local machine to cluster or vice-versa.