

VCHRI VPN – how to

connect

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0.1	September 15, 2016	David Johnston	Created
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OVERVIEW

This document is intended for users wishing to connect to VCHRI resources while off-site.

STEPS TO CONNECT

- 1. Download Cisco AnyConnect VPN client from myvpn.ubc.ca
- 2. Connect to myvpn.ubc.ca with CWL credentials
- 3. Map shared drives (if needed)
- 4. Connect via Remote Desktop Connection to your VCHRI computer (if needed)

STEP 1. DOWNLOAD CISCO ANYCONNECT CLIENT FROM MYVPN.UBC.CA

- Open a web browser and navigate to https://myvpn.ubc.ca/
- Use your CWL credentials with the suffix .vchrivpn to log in

UBC VPN Service × +				x
() ▲ https://myvpn.ubc.ca, ▼ C Search	☆ 自	Ŧ	»	≡
THE UNIVERSITY OF BRITISH COLUMBIA VPN	SERVICE			Î
WebVPN Service				-1
				=
myVPN Login				
Please enter your username and passwor	a.			
CWL Username: cwlname.vchrivpn CWL Password:				
Login				
				-

- The installer is a Java-based system. Choose to block or disallow Java to be prompted with an alternative download link
- This installation can be tricky. Contact the MedIT Service Desk if you have issues

- You'll see a link for your relevant operating system (Windows or MacOS)

cisco AnyConnect Secure Mobility Client				
🔦 WebLaunch	Manual Installation			
✓ Platform Detection	Web-based installation was unsuccessful. If you wish to install the Cisco AnyConnect Secure Mobility Client, you may download an installer package.			
- ActiveX	Install using the link below:			
Java Detection	Windows Desktop			
_ Java	Alternatively, retry the automatic installation.			
- Download				
- Connected				
	Help Download			

- Download and install the client

STEP 2. CONNECT USING CWL CREDENTIALS

- A. WINDOWS
- Assuming the application has installed successfully, click on the **Start** button and type "AnyConnect" into the Search field
- When it shows up, click on Cisco AnyConnect Client



- This will launch the application

🔇 Cisco AnyCo	_ X	
	VPN: Ready to connect. myvpn.ubc.ca	Connect
¢ ()		altalta cisco

- Make sure **myvpn.ubc.ca** is the server, and click **Connect**

Sisco AnyConnec	t myvpn.ubc.ca
Please enter	your username and password.
Username:	cwlname.vchrivpn
Password:	*******
	OK Cancel

- Assuming your credentials are right, you should connect in a few seconds
- You'll know you're connected if you see the following in the bottom right-hand corner of the screen:

B. MAC OSX

- Once the VPN client has been installed, you can run it from Finder
- If you can't find it, click on **Applications** in a new Finder window and type **Cisco** into the search box (in the top right-hand corner)
- Double-click on the Cisco AnyConnect client and you should be prompted with the same kinds of windows you see above in the Windows examples
- Use myvpn.ubc.ca as the server



- Use your **CWL credentials with the .vchrivpn suffix** as shown in the previous images to connect

T	Cisco	AnyConnect https://myvpn.ubc.ca
	Please ente	r your username and password.
	Username:	cwiname.vchrivph
	Password:	••••••
		Cancel OK

STEP 3. MAP SHARED DRIVES

A. WINDOWS

- You'll need to know your shared network folder path in order to be able to connect

Organize 🔻 Syste	em properties U	Ininstall or change a program Map network drive 🔹 🐘 👔 🔞			
 Favorites Desktop CAB Projects 	🅞 🍕 Map Ne	etwork Drive			
Downloads	What network folder would you like to map?				
Recent Places	Specify the drive letter for the connection and the folder that you want to connect to:				
	Drive:	Z:			
✓ is Libraries ▷ i Documents	Folder:	\\fomdhcc197p4.vchri.med.ubc.ca\Dermatology			
🖻 🌙 Music		Example: \\server\share			
Pictures					
Videos		Connect using different credentials			
4 🖳 Computer		Connect to a Web site that you can use to store your documents and pictures.			

- The example above shows the mapping for **Dermatology**: it will be different for your department
- Click **Start** and then **Computer** (see above)
- Click on Map Network Drive
- Pick a drive letter for the network share that your computer will use to connect to it (if your local computer doesn't have it mapped already, something at the end of the alphabet is best: e.g. X:, Y:, Z:)
- Type in the network path for your shared folder (e.g. \\FOMDHCC197p4.vchri.med.ubc.ca\ShareName)
- Make sure both Reconnect at logon and Connect using different credentials are ticked
- Click **Finish** (not shown)

You should be prompted for credentials to log in. Use your ADVCHRI domain credentials

Windows Security		23
Enter Netwo Enter your pass	ork Password word to connect to: fomdhcc197p4.vchri.med.ubc.ca	
	advchri\username •••••• Domain: advchri Remember my credentials	
	Insert a smart card	_
	OK Cance	4

- If successful, your mapped drive will open and you'll be able to access the files and folders inside

B. MAC OSX

- Once connected to VPN, open a new Finder window
- Click on Go and then down to Connect to Server



- You'll need to know your shared network folder path in order to be able to connect
- When mapping drives on Mac, you'll need to use the **protocol://** syntax see image below
- The example below shows the mapping for **Dermatology**: it will be different for your department

VCHRI VPN - how to connect

• • •	Connect to Server
Server Address:	
cifs://fomdhcc197	04.vchri.med.ubc.ca/Dermatology + G >
Favorite Servers:	
? Remove	Browse Connect

- To connect to the fileshare ONE TIME, click on Connect
- To create an entry for the fileshare that will be remembered, click on the + button
- The fileshare will be added to the list of "Favorite Servers" double-click on the entry you want to connect to
- You'll be prompted for credentials use your ADVCHRI credentials like so

₩	Enter your name and password for the server "fomdhcc197p4.vchri.med.ubc.ca".			
	Connect as: O Guest			
	Registered User			
	Name: ADVCHRI\username			
	Password:			
Remember this password in my keychain				
	Cancel Connect			

- Click "remember this password in my keychain" if you wish to do so, and you won't be prompted for your password next time (unless you've changed it)
- If successful, you'll see the fileshare pop up and you'll see a link to it in the list of devices in the left pane



- This link will point to the root of the fileshare, i.e. fomdhcc197p4.vchri.med.ubc.ca
- If you close your fileshare, the best way to get back to it is via step 1 above (Go, Connect To Server)
- Important: Mac drives will NOT RE-MAP after a reboot. However, your list of "Favorite Servers" in the Connect to Server dialog will be retained

STEP 4. CONNECT TO YOUR IN-OFFICE COMPUTER VIA REMOTE DESKTOP CONNECTION

- Many research users either don't use or don't want to use their shared drives
- Instead, they may want to simply connect to their work computer which may have specific applications or additional processing power that they require

REQUIREMENTS

- This guide covers remotely connecting to Windows PCs only computers running MacOS, Linux and other operating systems may be accessible but are not covered in this document
- You must know your computer's **IP address** finding your computer's **IP** address is beyond the scope of this document contact the MedIT Service Desk if you're not sure how
- Seems obvious, but your PC must be TURNED ON in order to be able to connect to it
- If power settings mean the computer is set to sleep after a certain amount of inactivity, and this time has passed, you will not be able to connect remotely

DOMAIN-JOINED PC

- If you want to use Remote Desktop Connection to connect to a Domain-joined PC, you will need to make sure your account is explicitly added to that computer's Remote Desktop Users local group
- Contact the MedIT Service Desk to arrange this

STANDALONE PC

- If you want to use **Remote Desktop Connection** to connect to a standalone PC, i.e. one not joined to a domain, by default you should be able to log on by RDP
- If any defaults have changed or you are not the primary administrator of the PC, you may not be allowed
- Speak to the primary administrator of the PC or the MedIT Service Desk for assistance

A. WINDOWS

- Once connected to VPN, simply run the Remote Desktop Connection program
- Enter the IP address you wish to connect to and click Connect

1	💀 Remote Desktop Connection				
		Remote Desktop Connection			
	Computer:	10.11.12.13	•		
	User name:	None specified			
	You will be as	sked for credentials when you connect.			
	O ptions	Cc	nnect Help		

(please note: the IP displayed above is not valid, and is for illustration purposes only)

B. MAC

- Once connected to VPN, open a new Finder window and click on Applications in the left-hand pane

	is Searching "This Mac"				
$\langle \rangle$		# • * •	Q remot	e desktop 🛛 🛞	Ŋ
Favorites	Search: This Mac	"Applications" Shared	Filenam	es	Ī
All My Files	No. of Concession, Name		Name	matches: remote de	J
iCloud Drive	ALL NOT		2009	Hard Street	
AirDrop	PYTHON	TXT	JS	TXT	
Applications	initpy	air-fields.arm-air.txt	AIRIntrospector.js	bitcode.api.arm-	
🔜 Desktop				aintxt	
Documents	exec		March 1997 March		
Downloads		PYTHON	PYTHON	7(%)	
Devices	classlist	Folders.py	Legacy_suite.py	Microsoft Remote	
Remote Disc		-	E.	Desktop	

- Double-click on Microsoft Remote Desktop
- You will have to click on **New** and set up a new connection profile for the PC you wish to connect to



- Fill in the details as shown below

General Session F	Edit Remote Desktops -
Connection name PC name Gateway Credentials	WHATEVER-pc 10.11.12.13 No gateway configured
User name Password	ADVCHRI\username

- These should be the only fields you need to fill in. Click on the red button X (in the top left corner) to close

 The connection will now be available in the main Microsoft Remote Desktop window – click Start to connect



- The remote computer should open in a separate window

APPENDIX

VCHRI DNS LIMITATION

- Because of a limitation with UBC IT DNS, only IP addresses can be used when trying to connect to VCHRI fileservers, internal VCHRI office or lab computers
- Computer names will not work at this time

VCHRI FILESERVER INFO

- The current IP for the VCHRI fileserver is 137.82.127.237
- Its fully qualified domain name is fomdhcc197p4.vchri.med.ubc.ca

VCHRI FILESHARE INFO

The currently available shares on the VCHRI fileserver are:

- CardioImg
- Dermatology
- Diabetes
- DiabetesResearch
- Gastroenterology
- Immunology2
- Neuraldynamics
- Neurosciences
- Ophthalmology
- OrthoEng
- Photomedicine Institute
- RehabScience
- Respiratory



- Surgery
- Tendon
- UrologicalSicneces

VCHRI INTERNAL IP INFO

The format for IP addresses for internal VCHRI computers is **10.x.x.x** – any other format (e.g. an IP you find with a web service) will not connect.

CONTACTS

MedIT Service Desk - 1.877.266.0666 option 1 - medit.servicedesk@ubc.ca