



University Computing & Telecommunications Virtual Private Networking: How To/Self-Help Guide – Android

E-Mail: SupportCenter@uhcl.edu ▪ Phone: 281-283-2828 ▪ Fax: 281-283-2969 ▪ Box: 230 ▪ <http://www.uhcl.edu/support-center>

A VPN (Virtual Private Network) provides a secure, encrypted tunnel from your computer to UHCL's network when off campus. UHCL offers VPN software to allow authenticated, secure access to many UHCL resources from home. In order to utilize this service you must have:

1. A broadband or WiFi connection.
2. Android OS (these instructions were created using Android 6.0.1 on a Nexus tablet; other Android versions might have other instructions).

Support for VPN is limited. Read the entire document before proceeding and refer to the troubleshooting section before contacting the Support Center at 281-283-2828.

Minimum Requirements

We cannot guarantee functionality or provide support for systems that do not meet the following minimum requirements.

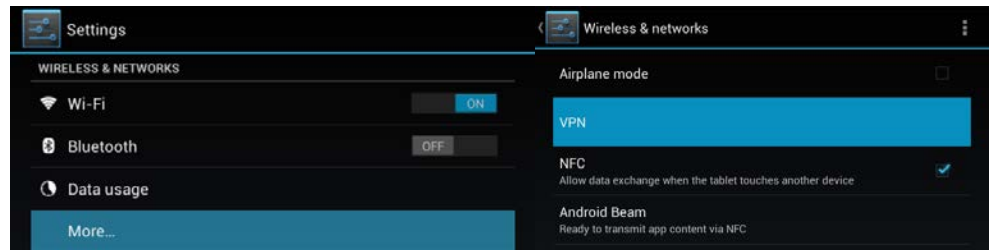
- Operating System: Android
- Pre-existing broadband Internet connection, such as DSL or Cable with Wireless device capabilities.

WARNING: These instructions are not intended for use on your office's desktop computer. Computers on the UHCL campus are already connected to the UHCL network and do not require VPN.

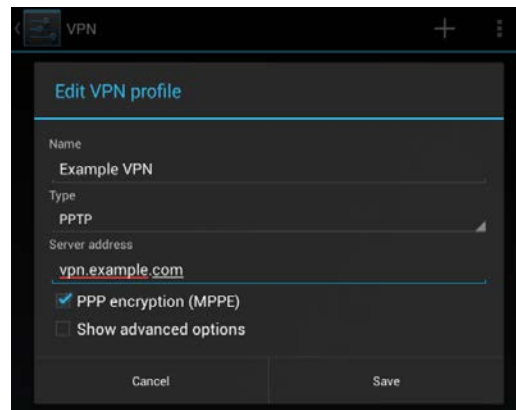


Configuring a VPN Connection on your Android device

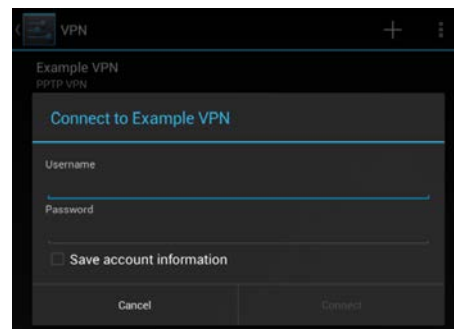
1. Open the Settings app and tap More under Wireless & networks. (On Android 2.3, tap Wireless & networks.)
2. Tap the VPN option on the Wireless & networks screen. (On Android 2.3, tap VPN Settings.)



3. Tap the + button and provide the VPN's details. Enter a name to help you remember which VPN is which into the Name field, select PPTP for the type of VPN server you're connecting to, and enter the VPN server's address: **vpn.uhcl.edu**.

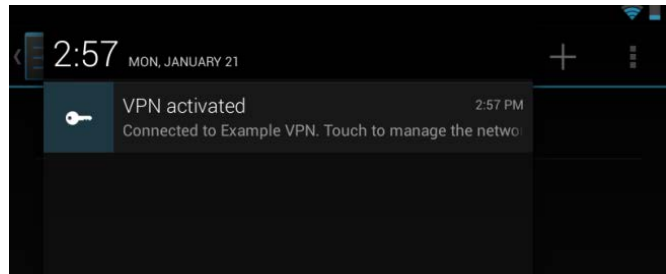


Tap the VPN to connect once you have set it up. You will need your username and password when you connect.





1. While connected to a VPN, you will see a persistent “VPN activated” notification in your notifications drawer. To disconnect, tap the notification and tap Disconnect.



Troubleshooting

Support for VPN is limited; the only support offered is this documentation; telephone support is *not* offered for VPN.

- Disconnect from VPN and verify that normal Internet access is working. If normal Internet access is not working, you cannot connect to the UHCL network via VPN. UCT cannot troubleshoot or support your home’s (or other location’s) Internet connection. Please contact your service provider.
- If you have recently had to change your password on campus, but are using a saved password in your VPN settings your saved password might be incorrect. Remove your saved password from your VPN settings.

Connecting to your Office computer

Once you have VPN properly set up and connected, you might be wondering how to connect to your files and applications on your office computer. Instructions are covered below for connecting your home Android device to your office Windows computer. To connect to your office Windows computer, please contact the Support Center for assistance as additional set up on your office Windows computer may be required.

Using Remote Desktop Connection from the Play Store to control a Windows-based computer on Campus

1. Download a Remote Desktop Connection application from Google’s Play Store and install.
(There are numerous Remote Desktop apps listed, both free and paid (i.e. Microsoft Remote Desktop). The protocol needed is “RDP” (Remote Desktop protocol).
2. Configure your Remote Desktop Connection. application to connect to your office computer.
(The configuration interface will vary from app to app.) Be aware that if the User Name and password are entered in the configuration setting of the app, the password will have to manually changed when your UHCL password is changed or reset. Repeatedly attempting to authenticate with a wrong password will lock out your account.



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3. You will need to input your computer's name. This is based on your office computer's location and property tag number and a letter designation. Some computers have different naming conventions than the examples below. Always verify your office computer's name with UCT before attempting to connect to your office computer with Remote Desktop Connection.

Example: B2300-D12345.uhcl.edu

4. Click "Connect."
5. Input your Username and password, just as if you were logging in on campus.
6. Click "OK."

You will be connected to your system in your office. This is the recommended means of remotely accessing your computer. Using this method ensures full access to all your files, applications, and ensures that any items you update or change will get properly backed up.