VPN clients configuration for Windows 98SE - for Library access

Requirements:

1. These instructions are only applicable for a computer that has Windows 98SE with a current Internet dialup connection. Note that these instructions contain screen dumps that may not be identical to what you see. Where the screen dump wording and entries are different from the text, ensure you use the instructions in the text.

2. You will need to have your Windows 98SE CDRom available.

Overview of Virtual Private Network

3. VPN is a Virtual Private Network that uses secure connections to enable users to access their work network resources from home through a secure dialup connection. Currently VPN will only provide library database access as if you were on campus.

Setting up your current Dial Up Connection

4. Select My Computer and then Dial Up Networking

5. Right mouse click on your Dial Up Networking ISP connection, left mouse click on properties
6. The Internet Dial Up dialogue box appears. Click the Server Types tab.

7. Ensure your Type of Dial-Up Server is using PPP. Click on the TCP/IP Settings button.
8. The TCP/IP Setting screen appears. Remember, the setting shown in the screen dump may not be the same as your. Your Primary DNS and Secondary DNS will probably be different.

9. Select the option Specify name server address. In Primary WINS enter 203.10.46.18 in the Secondary WINS enter 203.10.40.20. Then click OK to close the window.

10. Click OK to close the Internet Dial Up window.

Setting up the second connection to the ACU VPN using the Microsoft VPN adaptor

12. Select Start – Settings – Control Panel

13. In the Control Panel, double click on Network to open the Network window.

14. Under the Configuration tab click on Add.

15. In the Select Network Component Type window, select Adapter and click Add.
16. In the Select Network adapters window, under Manufacturers scroll down and select Microsoft, then under Network Adapters select Dial-Up Adapter. Click OK.

17. After a short time the Network window will reappear. Remember your view may not look exactly the same as the one depicted here. You may not have the NetBEUI entries. You may have other entries. Dial-up Adapter #2 (VPN Support) and TCP/IP Dial-Up Adapter #2 (VPN Support) should be there.
18. Again select Add and then in the Select Network Component Type window, select Adapter and click Add again.

19. In the Select Network adapters window, under Manufacturers scroll down and select Microsoft, then under Network Adapters select Microsoft Virtual Private Networking Adapter. Click OK.

20. Again after a short time the Network window will reappear. Remember your view may not look exactly the same as the one depicted below (two views). You may not have the NetBEUI entries. You may have other entries. Microsoft Virtual Private Networking Adapter and NDISWAN Microsoft Virtual Private Networking Adapter) should be there.
21. Highlight the TCP/IP -> Dial-Up Adapter #2 (VPN Support), and click on Properties. The following screen may appear, click OK.

![TCP/IP Properties Information](image)


![TCP/IP Properties](image)

23. In WINS Configuration select Enable WINS Resolution and using the add button add the IP Addresses, 203.10.46.18 and 203.10.40.20 in turn.
24. Click OK and OK again. You may be asked to insert your Windows 98 CD. You will also be asked to reboot the computer, agree.

**Setting up Dial-Up Networking**

25. Close all windows, then select My Computer and then Dial-up Networking, select Make New Connection

26. Change the Type a name for the computer your are dialing: to ACU VPN. In the Select a device, click on the down arrow and select Microsoft VPN Adapter. Click Next.
27. In the Make New Connection window, in the Host name or IP Address enter the IP Address 203.10.46.9  Click Next and then Finish

![Make New Connection Window](image)

28. Back at the Dial-Up Networking window, right click on the ACU VPN and then left click on properties

![Dial-Up Networking Window](image)
29. The ACU VPN window appears, select the Server Types tab.

30. Ensure the settings are the same as the screen dump below. Click OK.

32. Back at the desktop, right click on Network Neighbourhood and left click on properties.

33. Highlight Client for Microsoft Networks and then click on properties

34. The Client for Microsoft Networks Properties window appears. Ensure there is a tick in the Log on to the Windows NT domain checkbox, that the Windows NT domain field is empty and that Quick Logon is selected. Then click OK and OK again.
35. You may be asked for your Windows 98 CD and to restart your computer, do so.

Dialing in

36. Double click My Computer and then Dial-Up Networking. Dial-in to your local ISP.

37. When the connection is established, double click the ACU VPN. Use your ACU Dial-in username and password for the dial-in. Click on connect.
38. At the Enter Network Password, enter your normal at work username, password, domain. Click OK.

39. You will then be logged on to the campus.

**To access the Library Databases**

40. Open Internet Explorer (or other browser you use). Go to the ACU Homepage (www.acu.edu.au), select Library Services and then Databases. Use the On-Campus selection for the database you want to access.

**Shutting down**

41. Close your browser.

42. Close both the ACU VPN and your local ISP connections.