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# PSCS Knowledgebase

VSOCKS Light Category

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# VSOCKS Light

## **Can VSOCKS Light be used on Windows 2000 Server**

VSOCKS Light cannot be used on a Windows 2000 Server, if the Windows 2000 Server is acting as an Active Directory Server (the normal situation). This is because Active Directory needs either the Windows DNS Server or another DNS server which supports Dynamic DNS (DDNS).

VSOCKS Light needs its own DNS server to be used, and does not support Dynamic DNS, so you get a conflict where both pieces of software need their own DNS server, and you can only have one DNS server on a PC.

So, VSOCKS Light can't be used on Windows 2000 Server with Active Directory running.

You can put VSOCKS Light on another computer, or use a proxy server like WinProxy instead on the Windows 2000 Server.

## **Does VSOCKS Light support UDP, RealAudio, ICQ etc**

VSOCKS Light can be used to proxy any TCP/IP protocol (if the client does not support SOCKS directly you may need a WINSOCK interceptor such as SOCKSCap or the Hummingbird SOCKS Client)

VSOCKS Light does **Not** support UDP or ICMP or any protocol based around those (eg RealAudio, ICQ etc). If you want to use those features through a proxy server then we recommend that you purchase a more powerful proxy server such as Winproxy.

## **Does VSOCKS support ADSL or DSL connections**

VSOCKS Light supports ADSL and DSL connections.

ADSL and DSL connections are usually made through either a "network" card plugged into the PC, or an external box which is plugged into a network hub (or connected to a standalone PC using a "swapover" cable).

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To use these ADSL/DSL connections from VSOCKS Light, simply tell VSOCKS to 'Connect Using LAN' and set up the Windows networking settings to use the ADSL/DSL connection as instructed by your service provider.

## Testing the DNS configuration in VSOCKS Light

A common problem when using VSOCKS Light is that the 'External DNS Server' configuration option in VSOCKS is entered correctly, so that it is not pointing at a valid DNS server.

Testing the External DNS Server Setting  
Method 1

To see if this may be the problem, go to a client computer which is set up to connect through VSOCKS Light, open up a DOS prompt and run `PING WWW.PSCS.CO.UK`.

If VSOCKS doesn't dial out then the problem may be that the `CLIENT` computer DNS configuration isn't pointing at VSOCKS Light.

If VSOCKS does dial out, but you get a `Bad IP Address` or `Unknown Host` error, then the problem is probably that the External DNS Server setting is wrong.

Method 2

If you want to double-check this, and you are running VSOCKS on Windows NT or Windows 2000, dial into the Internet, and from the DOS prompt type `NSLOOKUP`. Then at the `>` prompt type `SERVER` (eg `SERVER 123.123.123.123`). Then type `www.pscs.co.uk` (or any other Internet host name you want to look up which you know is correct). If this doesn't work, then the DNS server address you specified isn't a proper DNS server

Determining the External DNS Server Address

First, you should contact the ISP if you can, as they `should` know the answer. However, unfortunately, some ISP technical support staff aren't as well trained as they could be, so they may not give you the correct answer.

If VSOCKS is running on Windows 95/98, connect to the Internet then go to `Start` -> `Run` and run `WINIPCFG`. There should be a drop-down listbox, choose 'PPP Adapter' in that box, and press the `More Info` button. You will then see a `DNS Servers` box, this contains the DNS server(s) that Windows has been told by the ISP.

If VSOCKS is running on Windows NT/2000, connect to the Internet, then go to a DOS prompt and run `IPCONFIG /ALL | MORE`. In the output, in the `PPP Adapter` section, you should see a line saying `DNS Servers` - that contains the DNS servers set by the ISP, as below.

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PPP adapter ISPName:

Connection-specific DNS Suffix . :

Description . . . . . : WAN (PPP/SLIP) Interface

Physical Address. . . . . : 00-53-45-00-00-00

DHCP Enabled. . . . . : No

IP Address. . . . . : 195.195.15.37

Subnet Mask . . . . . : 255.255.255.255

Default Gateway . . . . . : 195.195.15.37

DNS Servers . . . . . : 195.195.14.72

NetBIOS over Tcpi. . . . . : Disabled

In this case, the DNS server you should set in VSOCKS is <B>195.195.14.72</B>