Q: How to set up active mode with ICS?

## **A**:

## Part 1 - Installing ICS on the operating system

Windows 98: Followthis guide from PracticallyNetworked.

Windows ME: Followthis guide from PracticallyNetworked.

Windows 2000: Followthis guide from PracticallyNetworked.

Windows XP:Followthis gude from PracticallyNetworked.

## Part 2 - Port Forwarding

\* For Windows 98/ME clients, it would be easier to use the ICS Configuration tool. Once installed, follow the outline to this guide on how to set it up (although it won't look the same).

1. Get properties on the network card that is directly connected to the internet.

👍 Local Area Connection Properties 🛛 🔗 🄀
General Authentication Advanced
Internet Connection Firewall
Protect my computer and network by limiting or preventing access to this computer from the Internet
Learn more about Internet Connection Firewall.
Internet Connection Sharing
Allow other network users to connect through this computer's Internet connection
Allow other network users to control or disable the shared Internet connection
Learn more about Internet Connection Sharing.
If you're not sure how to set these properties, use the <u>Network Setup Wizard</u> instead.
OK Cancel

Make sure the firewall is disabled. Click on Settings

Advanced Settings	<
Services	
Select the services running on your network that Internet users can access.	
Services    FTP Server   Internet Mail Access Protocol Version 3 (IMAP3)   Internet Mail Access Protocol Version 4 (IMAP4)   Internet Mail Server (SMTP)   Post-Office Protocol Version 3 (POP3)   Remote Desktop   Secure Web Server (HTTPS)   Telnet Server   Web Server (HTTP)   Windows Media Format SDK (wmplayer.exe)   Windows Media Format SDK (wmplayer.exe)	
Add Edit Delete	
OK Cancel	)

3. You will need to create two new services. One for TCP and the other for UDP.

Service Settings	<u>? 🗙</u>
Description of service: DC++ - TCP	
Name or IP address (for example 192.168.0.12) of the computer hosting this service on your network:	
192.168.1.xxx Enter in the internal IP	
External Port number for this service:	
anything between 1024 and 65535 O TCP O UD	Р
Internal Port number for this service:	
same number as EXTERNAL PORT	
OK Can	cel

This one will be for TCP. Enter in the IP address of the computer that's attached. It should be using a IP address that begins with 192.168.xxx.xxx. To find out what it is on the attached computer, (Win 9x: Start > Run > winipcfg | Win 2k/XP: Start > Run > "cmd /k ipconfig" [without the ""]). Pick any port between 1024 and 65535. Enter this into both the *External Port* field and *Internal Port* field. Lets say you choose port 40500, for example.

4. Use the exact same numbers from above, except select the UDP radio button.

Description of service:	
DC++ - UDP	
Name or IP address (for exa computer hosting this servic	mple 192.168.0.12) of the e on your network:
192.168.1.xxx	Enter in the internal IP
External Port number for this	
External Port number for this anything between 1024 and Internal Port number for this	s service: 65535 OTCP ⓒ UDP
External Port number for this anything between 1024 and Internal Port number for this same number as EXTERNA	s service: 65535 OTCP OUDP service: L PORT

5. In DC++, go to File -> Settings

Active	IP	863.125.098.81	Port (empty=random)	40500
) Passive (t	behind	a firewall)	-	
) SOCKS5				
Socks IP		Port		
Jsername		Password		

Enter in your **external** IP address, which can be found here. Use the same port you setup in the new service you created.

6. DC++ should now work in active mode!