

ZyXel 660R – example of how to enter settings for “O2” broadband connection:

Log into router configuration interface

STEP 1: Go to Network > WAN

The screenshot shows the ZyXEL router configuration interface for the WAN section. The breadcrumb trail is Network > WAN > Internet Connection. The left sidebar shows the navigation menu with 'WAN' selected. The main content area is titled 'Internet Connection' and has three tabs: 'Internet Connection', 'More Connections', and 'WAN Backup Setup'. The 'General' tab is active, showing the following settings:

Name	MyISP
Mode	Routing
Encapsulation	ENET ENCAP
Multiplexing	LLC
Virtual Circuit ID	
VPI	0
VCI	101

The 'IP Address' section has two radio buttons: 'Obtain an IP Address Automatically' (unselected) and 'Static IP Address' (selected). The static IP settings are:

IP Address	11.22.33.44
Subnet Mask	255.0.0.0
Gateway IP address	11.22.33.1

The 'ADSL modulation type' is set to 'Multimode'. At the bottom right, there are three buttons: 'Apply', 'Cancel', and 'Advanced Setup'.

Mode: routing

Encapsulation: ENET ENCAP

Multiplexing: LLC

VPI: 0 **VCI:**101 (NOTE: yes, this *IS* meant to be 101 instead of 38!)

Static IP: [enter your *assigned IP* here]

Subnet mask: [enter your *assigned subnet mask*] (NOTE: do *not* assume it to be 255.255.255.0!)

Gateway IP: [enter your *assigned gateway IP* here]

ADSL modulation type: Multimode (NOTE: please ensure you've updated to the latest firmware)

Click “**Apply**”, then “**Advanced setup**” and verify that the **MTU** is 1500:

The screenshot shows the 'Advanced Setup' page for the WAN connection. The breadcrumb trail is Network > WAN > Internet Connection > Advanced Setup. The page is divided into several sections:

RIP & Multicast Setup

RIP Direction	None
RIP Version	N/A
Multicast	None

ATM QoS

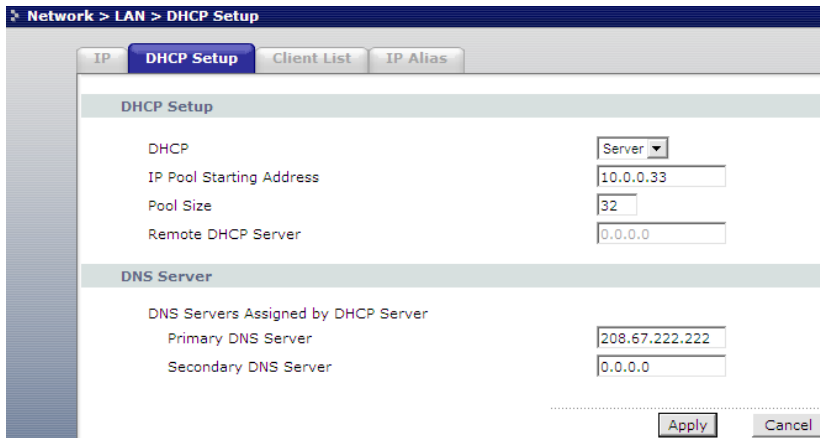
ATM QoS Type	UBR
Peak Cell Rate	0 cell/sec
Sustain Cell Rate	0 cell/sec
Maximum Burst Size	0 cell
Zero Configuration	No
PPPoE Passthrough	No

MTU

MTU	1500
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At the bottom, there are three buttons: 'Back', 'Apply', and 'Cancel'. A note next to the 'Apply' button says '(Click “Apply”)'.

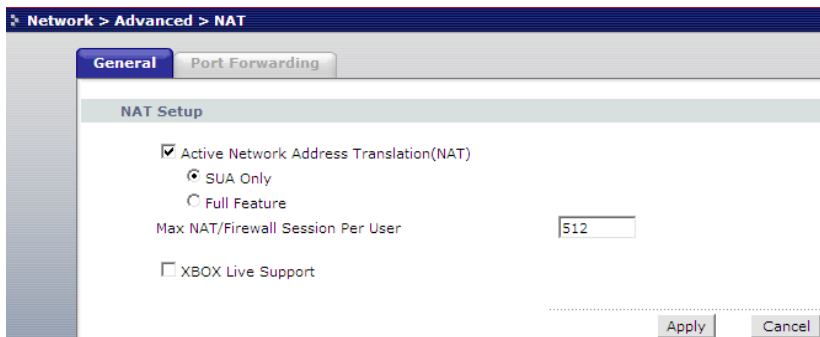
STEP 2: Go to Network > LAN > DHCP Setup



The screenshot shows the DHCP Setup configuration page. It has tabs for IP, DHCP Setup, Client List, and IP Alias. The DHCP Setup section includes fields for IP Pool Starting Address (10.0.0.33), Pool Size (32), and Remote DHCP Server (0.0.0.0). The DNS Server section includes Primary DNS Server (208.67.222.222) and Secondary DNS Server (0.0.0.0). There are Apply and Cancel buttons at the bottom.

Enter the **Primary DNS Server** as: 208.67.222.222 (Click **“Apply”**)

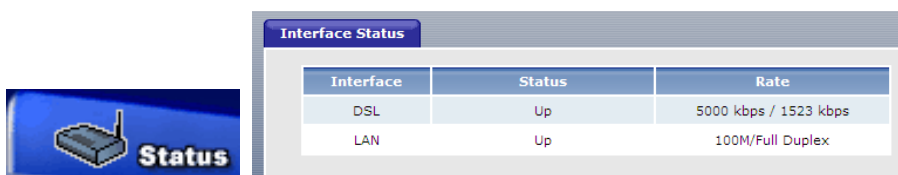
STEP 3: Go to Network > NAT



The screenshot shows the NAT Setup configuration page. It has tabs for General and Port Forwarding. The NAT Setup section includes a checked checkbox for Active Network Address Translation (NAT), with radio buttons for SUA Only (selected) and Full Feature. There is a field for Max NAT/Firewall Session Per User set to 512, and an unchecked checkbox for XBOX Live Support. There are Apply and Cancel buttons at the bottom.

Ensure that **“Active Network Address Translation (NAT)”** is ticked. (Click **“Apply”**)

That’s it! Go to the **“Status”** page and check the **“Interface Status”** to verify connection speed.



The screenshot shows the Status page with a router icon and the word 'Status' in a blue box. To the right is the Interface Status table.

Interface	Status	Rate
DSL	Up	5000 kbps / 1523 kbps
LAN	Up	100M/Full Duplex

Please raise a Support ticket if you require assistance; we can change profiles, run line tests, and set rDNS the same day.