
CHAPTER 12

Online Status

12.1 Introduction

The **Online Status** provides some useful information about the Vigor router, ISDN, LAN and WAN interface. Also, you could use the status page to know the Internet access status.

12.2 Online Status Descriptions

Click **Online Status** to open the Online Status page. Herein, we use an example to explain **the Online Status**. In the example, as shown in the following picture, the router is working on Dynamic IP mode to access the Internet.

> System Management> Online Status						<<Main Menu	
System Status						System Uptime: 0:1:9	
LAN Status		Primary DNS		168.95.1.1		Secondary DNS	
IP Address		TX Packets		RX Packets			
192.168.1.1		179		224			
WAN Status		GW IP Addr		61.230.192.254		<div>Drop PPPoE</div>	
Mode	IP Address	TX Packets	TX Rate	RX Packets	RX Rate	Up Time	
PPPoE	61.230.202.55	20	30	18	64	0:00:36	
ADSL Information		(ADSL Firmware Version : 42e2ea53)					
ATM Statistics		TX Blocks	RX Blocks	Corrected Blocks	Uncorrected Blocks		
		179262	179262		0		
ADSL Status		Mode	State	Up Speed	Down Speed	SNR Margin	Loop Att.
		G.DMT	SHOWTIME	128000	2048000	31.5	23.0

One may find that the Online Status page contains three basic subgroups. That is, System Status, LAN Status, WAN Status, and ADSL Information. However, for the Vigor X/W/i/Gi/VGi models, the Online Status page also displays the status of ISDN connection.

12.2.1 System Status:

System Uptime: This represents the router's running time. The format is HH:MM:SS, where HH, MM, and SS, indicate hours, minutes, and seconds, respectively.

12.2.2 LAN Status:

IP Address: IP address of the LAN interface.

TX Packets: Total number of transmitted IP packets since the router was powered on.

RX Packets: Total number of received IP packets since the router was powered on.

12.2.3 WAN Status:

Mode: Indicate which ADSL access mode is active. Depending upon the ADSL access mode, you may see **PPPoE, PPPoA, or MPoA.**

GW IP Addr: The gateway IP address.

IP Address: IP address of the WAN interface.

TX Packets: Total number of transmitted IP packets during this connection session.

TX Rate: Transmission rate in characters per second (cps) for outgoing data.

RX Packets: Total number of received IP packets during this connection session.

RX Rate: Reception rate in characters per second (cps) for incoming data.

Up Time: Connection time. The format is HH:MM:SS, where HH,

MM, and SS, indicate hours, minutes, and seconds, respectively.

Drop PPPoE or PPPoA: Click the link to disconnect the PPPoE or PPPoA connection.

12.2.4 ISDN Status: (VigorX/W/i/Gi/VGi mdels only)

Active Connection: The ISP, active remote ISDN dial-in user, or LAN-to-LAN connection name and also the IP address for each B channel.

TX Pkts: Total number of transmitted IP packets during this connection session.

TX Rate: Transmission rate in characters per second (cps) for outgoing data.

RX Pkts: Total number of received IP packets during this connection session.

RX Rate: Reception rate in characters per second (cps) for incoming data.

Up Time: Connection time. The format is HH:MM:SS, where HH, MM, and SS represent hours, minutes, and seconds, respectively.

Drop B1: Click to disconnect the B1 channel.

Drop B2: Click to disconnect the B2 channel.

12.2.5 ADSL Information

ADSL Firmware Version: Indicates the ADSL chipset firmware (it is different from router firmware).

ATM Statistics:

TX Blocks: Total number of transmitted ATM Blocks.

RX Blocks: Total number of received ATM Blocks.

Corrected Blocks: Total number of received ATM Blocks which is corrupted but corrected.

Uncorrected Blocks: Total number of received ATM Blocks which is corrupted but uncorrected

12.2.6 ADSL Status:

Mode: Indicate which modulation mode is used: G.DMT, G.Lite, or T1.413.

State: Indicate the DSL line status.

Up Speed: Indicate Up Stream Speed (bits/ second).

Down Speed: Indicate Down Stream Speed (bits/ second).

SNR Margin: Indicate Signal Noise Ratio Margin (dB). The higher value has better signal quality.

Loop Att. : Indicate subscribed Loop Attenuation.