
CHAPTER 3

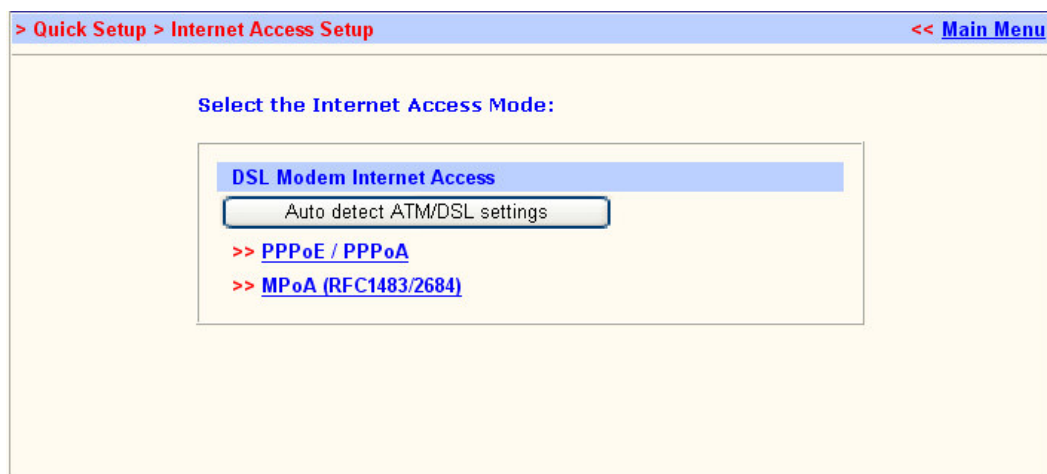
Internet Access Setup

Introduction

In the **Quick Setup** group, you can configure the router to access the Internet with different modes (e.g. PPPoE, PPPoA and MPoA).



For most users, Internet access is the primary application. The Vigor router supports the ADSL WAN interface for Internet access and remote access. The following sections will explain more details ADSL access setup. When you click **Internet Access Setup** from within the **Quick Setup** group, the following setup page will be shown.



For ADSL access users, you need to know what kind of internet access is

Internet Access Setup

provided by your ISP. The PPPoE / PPPoA and MpoA(RFC 1483 / 2684) are mutually exclusive.

Configuration

ADSL

For PPPoE/PPPoA Users

Enter your allocated username, password and DSL parameters according to the information provided by your ISP. If you want to connect to Internet all the time, you can check 'Always On'.

> Quick Setup > Internet Access Setup [<< Main Menu](#)

PPPoE / PPPoA Client Mode [<< Back](#)

PPPoE/PPPoA Client ☒ Enable ☐ Disable

DSL Modem Settings
VPI
VCI
Encapsulating Type
Protocol
Modulation

PPPoE Pass-through
☐ For Wired LAN
☐ For Wireless LAN

ISP Access Setup
ISP Name
Username
Password
PPP Authentication
☒ Always On
Idle Timeout second(s)
IP Address From ISP
Fixed IP ☐ Yes ☒ No (Dynamic IP)
Fixed IP Address

* : Required for some ISPs
☒ Default MAC Address
☐ Specify a MAC Address
MAC Address:
 :
Scheduler (1-15)
 , , ,

PPPoE Pass-through

The Vigor router offers PPPoE dial-up connection. Besides, you also can establish the PPPoE connection directly from local clients to your ISP via the Vigor router.

For Wired LAN : Check this checkbox. The PPPoE connection from local clients to the ISP goes straight through wired LAN.

For Wireless LAN : Check this checkbox. The PPPoE connection from local clients to the ISP goes straight through wireless LAN.

For MPoA (RFC 1483/2684) Users

Enter your allocated WAN IP address (or enabling DHCP client to get IP from ISP) and DSL parameters according to the information provided by your ISP.

[> Quick Setup](#) > [Internet Access Setup](#) [<< Main Menu](#)

MPoA (RFC1483/2684) Mode [<< Back](#)

MPoA (RFC1483/2684) ☒ Enable ☐ Disable

DSL Modem Settings
Encapsulation: 1483 Routed IP LLC
VPI: 0
VCI: 33
Modulation: Multimode

RIP Protocol
☐ Enable RIP

WAN IP Network Settings
☐ Obtain an IP address automatically
Router Name: *
Domain Name: *
☒ Specify an IP address WAN IP Alias
IP Address: 0.0.0.0
Subnet Mask: 255.255.255.0
Gateway IP Address:

* : Required for some ISPs
☒ Default MAC Address
☐ Specify a MAC Address
MAC Address: 00 . 50 . 7F : 00 . 00 . 01

OK

RIP Protocol

Routing Information Protocol is abbreviated as RIP (RFC1058) specifying how routers exchange routing tables information.

Enable RIP : Check this checkbox. The router periodically exchanges entire routing tables.

If you have multiple public Ips, they are assigned from the WAN interface. Click WAN IP Alias, the following windows will be pop-up. You can assign additional IPs on the page, and click OK.

Index	Enable	Aux. WAN IP	Join NAT IP Pool
1.	v	172.16.2.57	v
2.	<input checked="" type="checkbox"/>	172.16.2.58	<input checked="" type="checkbox"/>
3.	<input type="checkbox"/>		<input type="checkbox"/>
4.	<input type="checkbox"/>		<input type="checkbox"/>
5.	<input type="checkbox"/>		<input type="checkbox"/>
6.	<input type="checkbox"/>		<input type="checkbox"/>
7.	<input type="checkbox"/>		<input type="checkbox"/>
8.	<input type="checkbox"/>		<input type="checkbox"/>

Close Clear All OK

Auto detect ATM/ DSL Setting

You can also use this function to detect ATM/ DSL setting. Please follow the instructions to operate. If your country is not on the list, it may take longer time to detect.

Internet Statistics

You can know the DSL status via status monitor.

Internet Access Setup

> System Management> Online Status

<<Main Menu

System Status

System Uptime: 0:1:9

LAN Status

Primary DNS168.95.1.1

Secondary DNS194.98.0.1

IP AddressTX PacketsRX Packets

192.168.1.1179224

WAN Status

GW IP Addr61.230.192.254

Drop PPPoE

ModeIP AddressTX PacketsTX RateRX PacketsRX RateUp Time

PPPoE61.230.202.55203018640:00:36

ADSL Information

(ADSL Firmware Version : 42e2ea53)

ATM Statistics

TX BlocksRX BlocksCorrected BlocksUncorrected Blocks

17926217926200

ADSL Status

ModeStateUp SpeedDown SpeedSNR MarginLoop Att.

G.DMTSHOWTIME128000204800031.523.0