



GUIDA TECNICA

Guida alla Configurazione di una FTTO su Draytek 2927



Le guide hanno esclusivamente uno scopo esplicativo.
VoipVoice declina ogni responsabilità derivante dall'applicazione di quanto riportato nelle medesime.

1. Cablaggio connettività

Collegare il Router, tramite WAN Port e cavo ETH, al dispositivo di consegna circuito.

1. General Setup

Accedere al Draytek 2927 all'IP 192.168.1.1 con parametri username: admin; password: admin (Procedere con il cambio password a seguito di primo accesso e prima configurazione)

The screenshot shows the DrayTek web interface for a Vigor 2962 Series router. The left sidebar contains a menu with options like Dashboard, Wizards, Online Status, Port Setup, WAN, General Setup (highlighted), Internet Access, Multi-VLAN, WAN Budget, LAN, Hotspot Web Portal, Routing, NAT, Firewall, User Management, Objects Setting, CSM, Bandwidth Management, Applications, VPN and Remote Access, Certificate Management, USB Application, System Maintenance, and Diagnostics. The main content area is titled 'WAN >> General Setup'. It features a table with WAN interface settings:

Index	Enable	Physical Mode/Type	Bandwidth(Kbps) DownLink/UpLink	Latency	Jitter	Pkt.Loss	Active Mode	Load Balance
WAN1	☒	Ethernet/Auto negotiation / P1	- / -	-	-	-	Always On	☒
WAN2	☒	Ethernet/Auto negotiation / P2	- / -	-	-	-	Always On	☒

Below the table, there are tabs for 'Load Balance Setup' and 'Advanced'. The 'Load Balance Setup' tab is active, showing settings for Mode (IP Based), Line Speed (Auto Detect), and Load Balance Weights (Bandwidth-Based). A note at the bottom states: 'Note: Latency, jitter, and packet-loss require setting Link Condition Detection in each WAN setting page.' with OK and Cancel buttons.

Nella sezione WAN → General Setup aprire l'interfaccia che si vuole configurare;

WAN >> General Setup

WAN 1

The screenshot shows the 'WAN 1' configuration page. It includes the following fields and settings:

- Enable: Yes (dropdown)
- Display Name: (empty text field)
- Physical Mode: Ethernet
- Physical Type(Ethernet): Auto negotiation (dropdown)
- Line Speed(Kbps):
 - DownLink: 0
 - UpLink: 0
- VLAN Tag insertion: Enable (dropdown)
 - Tag value: 835 (0~4095)
 - Priority: 0 (0~7)
- Link Condition Detection:
 - Mode: Ping Detect (dropdown)
 - Primary Ping IP: 8.8.8.8
 - Secondary Ping IP: 8.8.4.4
 - Ping Interval: 1 Seconds(s)
 - Active Mode: Always On (dropdown)

Note:

The line speed setting of WAN interface is available only when According to Line Speed is selected as the Load Balance Mode.

OK

Cancel

Inserire il Vlan Tag se comunicato nei parametri di attivazione servizio, e specificare il metodo di rilevamento Link desiderato.

2. Internet Access

DrayTek Vigor 2962 Series

Off ☐ IP6 ☒

Dashboard
Wizards
Online Status

Search Menu

Port Setup
WAN
General Setup
Internet Access
Multi-VLAN
WAN Budget
LAN
Hotspot Web Portal
Routing
NAT
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CSM
Bandwidth Management
Applications
VPN and Remote Access
Certificate Management
USB Application
System Maintenance
Diagnostics

WAN >> Internet Access

Internet Access

Index	Display Name	Physical Mode / Port	Access Mode	Details Page	IPv6
WAN1		Ethernet / P1	PPPoE	Details Page	IPv6
WAN2		Ethernet / P2	Static or Dynamic IP	Details Page	IPv6

DHCP Client Option

Nella sezione WAN→Internet Access, aprire il Details Page della WAN precedentemente selezionata.

WAN >> Internet Access

WAN 1

PPPoE ☒ Enable ☐ Disable

Static or Dynamic IP

IPv6

ISP Access Setup

Username: username@vv

Password:

More Options

WAN Connection Detection

Mode: Ping Detect

Primary Ping IP: 8.8.8.8

Secondary Ping IP: 8.8.4.4

☐ Ping Gateway IP

TTL: 255

Ping Interval: 1 second(s)

Ping Retry: 10 times

MTU: 1492 (Max:1492) Path MTU Discovery

PPP/MP Setup

PPP Authentication: PAP/CHAP/MS-CHAP/MS-CHAPV2

Idle Timeout: -1 second(s)

IP Assignment (IPCP): ☐ Static ☒ Dynamic

Fixed IP Address:

WAN IP Alias

Dial-Out Schedule

Index(1-15) in Schedule Setup:

None => None

None => None

TTL

☒ Change the TTL value

☒ Default MAC Address

☐ Specify a MAC Address

14 : 49 : BC : 17 : 59 : D9

OK Cancel

Note:

VPN feature may be affected when the value of MTU is changed, please also check your value of VPN MSS in [VPN and Remote Access >> PPP General Setup](#) or [VPN and Remote Access >> IPsec General Setup](#) page.
We recommend to put the same decreased value on VPN MSS. For example, reducing the MTU from 1500 -> 1400, then it will need to reduct 100 from MSS value.

Compilare il form che vi si presenta in questo modo, ponendo sempre attenzione ai campi in giallo; quindi, assicurarsi di essere nella sezione per la PPPoE e aver messo la spunta su Enable, impostare come username e password le credenziali inviate via mail, e settare correttamente Ping Detect e MTU con i valori in immagine, infine procedere dando l'OK e adesso procedere con il reboot del DrayTek.

Una volta settato il tutto attendere qualche minuto che la PPPoE salga correttamente, e la configurazione del primo accesso a internet si può ritenere conclusa