

Zyxel vgm 1312

Accès & WAN ADSL

La configuration basique

← ↻ ⚠ Non sécurisé 192.168.1.1/passwordreset

ZYXEL MG1312-T20B

Password Reset

New Password

Password

The password must contain at least one numeric character and one alphanumeric character.

Change password

[Skip](#)

La configuration basique

Password Reset

New Password

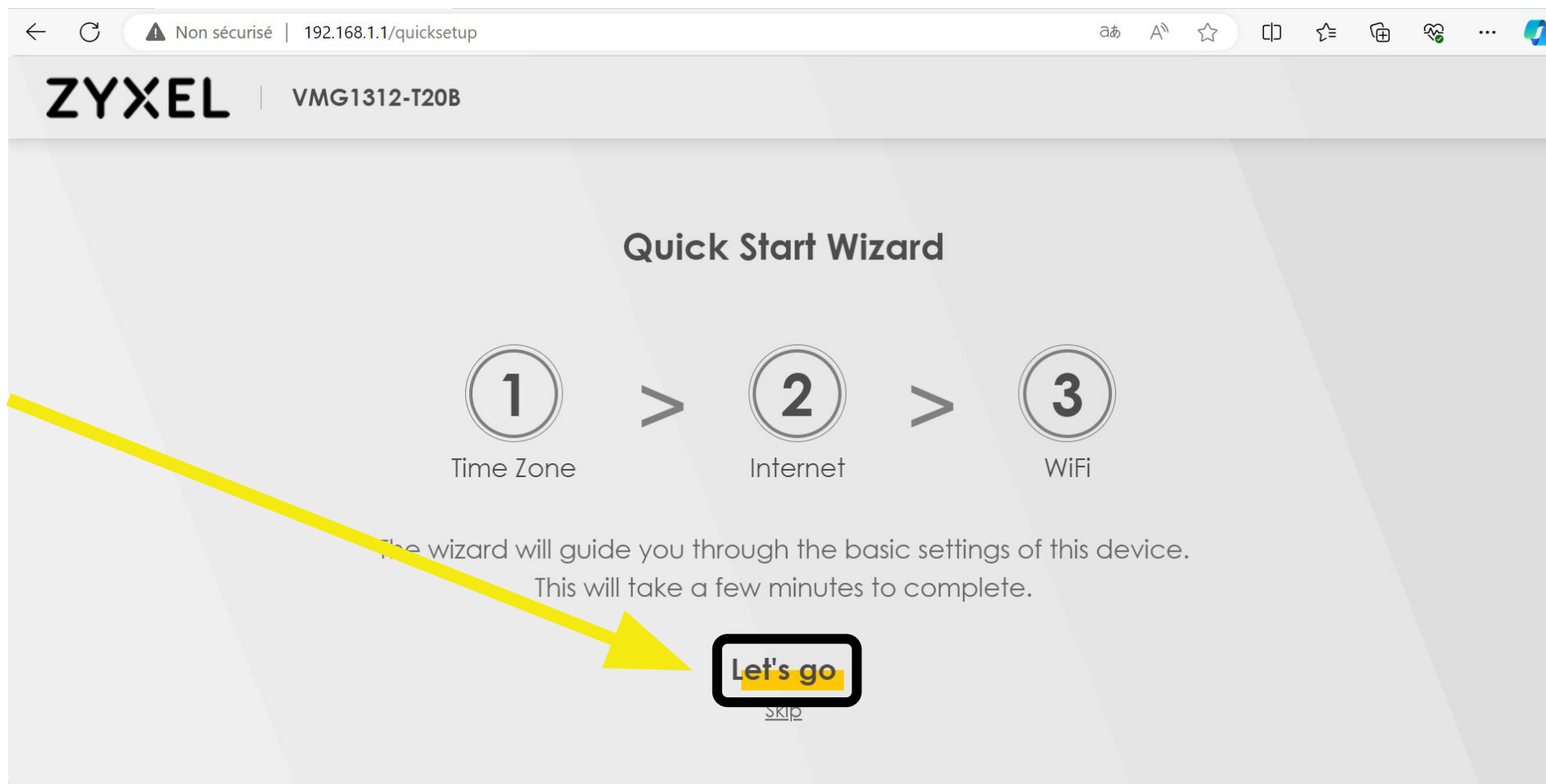
Password

The password must contain at least one numeric character and one alphanumeric character.

Change password

[Skip](#)

La configuration basique



La configuration basique

ZYXEL | VMG1312-T20B

Connectivity

System Info

Model Name

VMG1312-T20B

Firmware Version

V5.30(ABSB.5)C0

System Uptime

0 days 0 hours 16 minutes 34 seconds

LAN MAC Address

D4:1A:D1:06:05:10

WAN Status

Connection down

WiFi Settings

2.4G

2.4G WiFi Name

WiFi Password

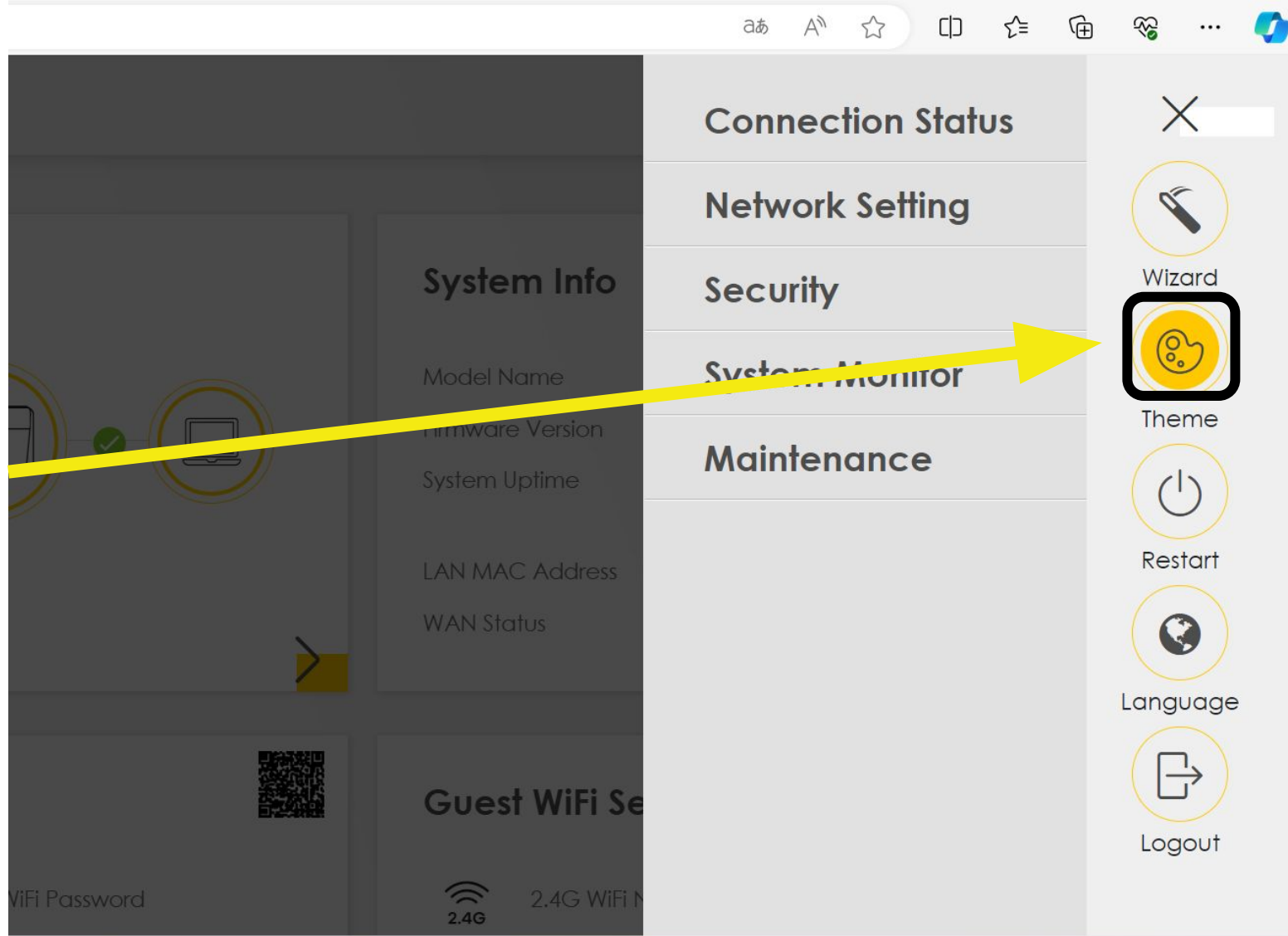
Guest WiFi Settings

2.4G

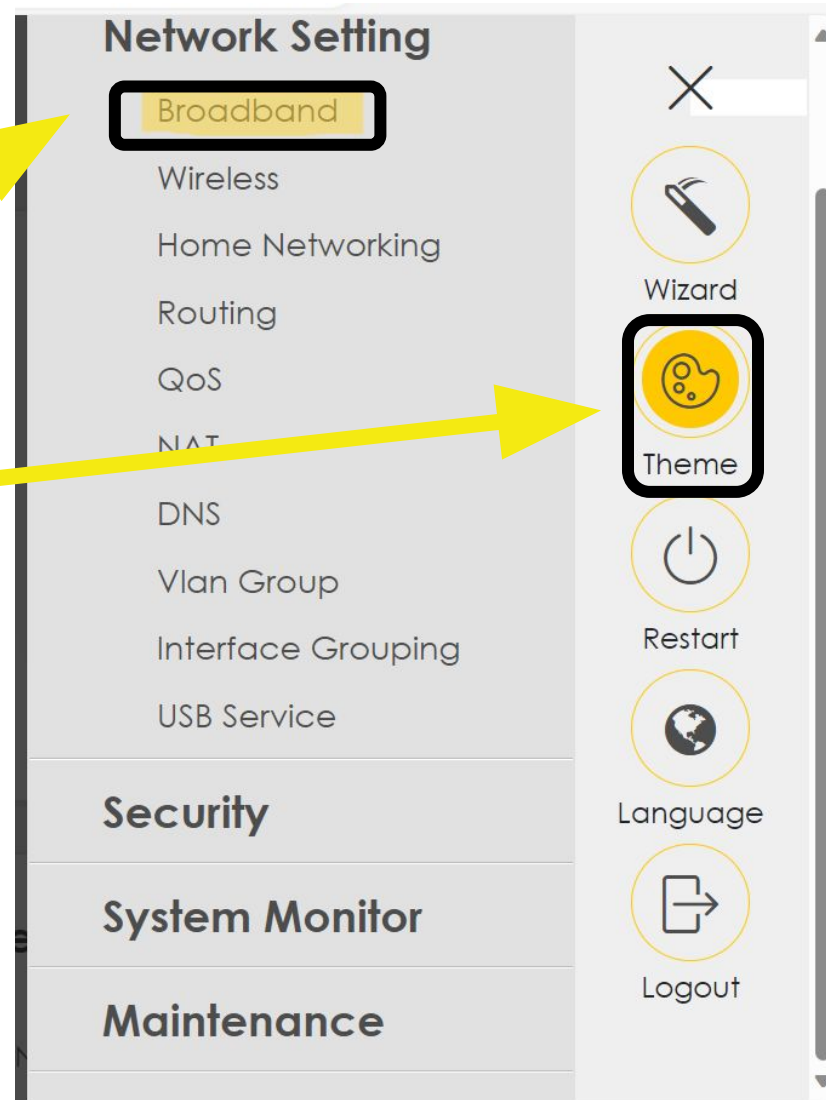
2.4G WiFi Name

WiFi Password

La configuration basique



La configuration basique



La configuration basique

ZYXEL | VMG1312-T20B

Broadband

Broadband

Cellular Backup

Advanced

Use this screen to change your Zyxel Device's Internet access settings. The summary table shows you the configured WAN services (connections) on the Zyxel Device. Use information provided by your ISP to configure WAN settings.

+ Add New WAN Interface

#	Name	Type	Mode	Encapsulation	802.1p	802.1q	IGMP Proxy	NAT	Default Gateway	IPv6	MLD Proxy	Modify
1	ADSL	ATM	Routing	IPoE	N/A	N/A	Y	Y	Y	Y	Y	 
2	VDSL	PTM	Routing	IPoE	N/A	N/A	Y	Y	Y	Y	Y	 

La configuration basique

ZYXEL | VMG1312-T20B

Broadband

Broadband

Cellular Backup

Advanced

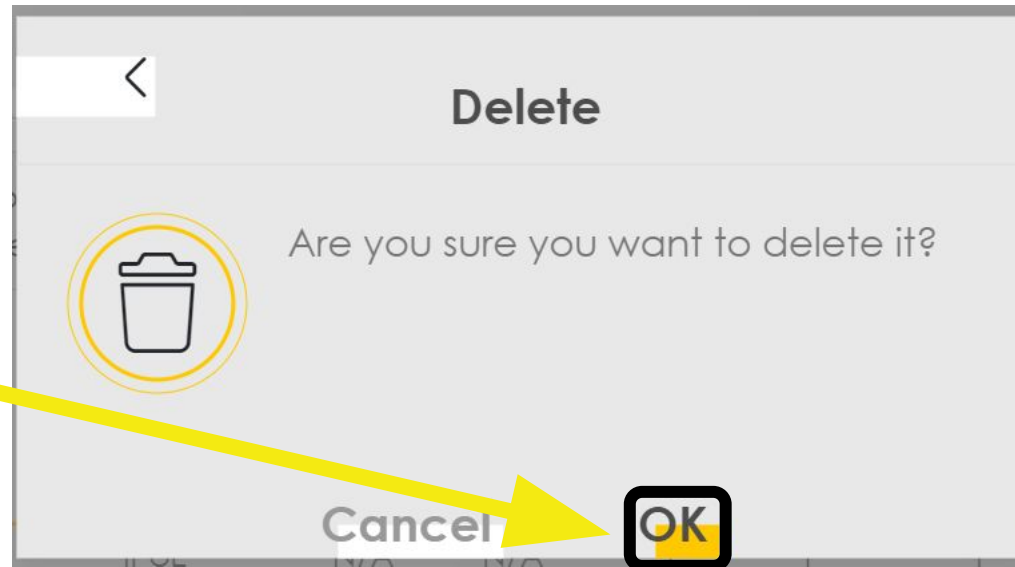
Use this screen to change your Zyxel Device's Internet access settings. The summary table shows you the configured WAN services (connections) on the Zyxel Device. Use information provided by your ISP to configure WAN settings.

+

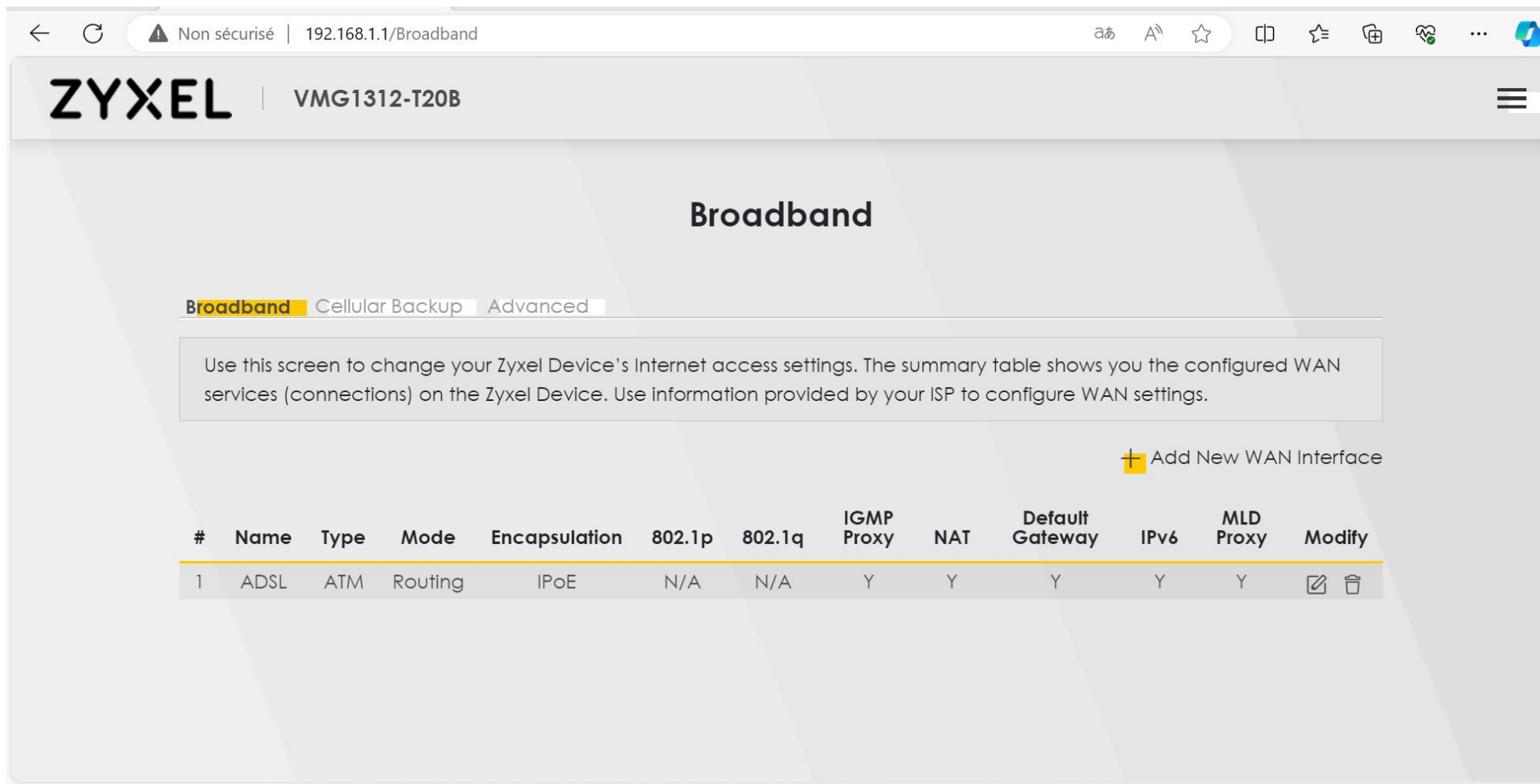
Add New WAN Interface

#	Name	Type	Mode	Encapsulation	802.1p	802.1q	IGMP Proxy	NAT	Default Gateway	IPv6	MLD Proxy	Modify
1	ADSL	ATM	Routing	IPoE	N/A	N/A	Y	Y	Y	Y	Y	
2	VDSL	PTM	Routing	IPoE	N/A	N/A	Y	Y	Y	Y	Y	

La configuration basique



La configuration basique



La configuration basique

Broadband

Cellular Backup

Advanced

Use this screen to change your Zyxel Device's Internet access settings. The summary table shows you the configured WAN services (connections) on the Zyxel Device. Use information provided by your ISP to configure WAN settings.

+

Add New WAN Interface

#	Name	Type	Mode	Encapsulation	802.1p	802.1q	IGMP Proxy	NAT	Default Gateway	IPv6	MLD Proxy	Modify
1	ADSL	ATM	Routing	IPoE	N/A	N/A	Y	Y	Y	Y	Y	

La configuration basique

General 		ATM PVC Configuration	
Name	ADSL	VPI [0-255]	0
Type	ADSL over ATM	VCI [32-65535]	33
Mode	Routing	Encapsulation	LLC/SNAP-BRIDGING
Encapsulation	IPoE	Service Category	UBR Without PCR
IPv4/IPv6 Mode	IPv4 IPv6 DualStack		

VLAN 		IP Address	
802.1p	0	☒ Obtain an IP Address Automatically	
802.1q		☐ Static IP Address	
	(0~4094)		

MTU		DNS Server	
MTU	1500	☒ Obtain DNS Info Automatically	
		☐ Use Following Static DNS Address	

La configuration basique

General ☒

Name: ADSL

Type: ADSL over ATM

Mode: Routing ▼

Encapsulation: PPPoE ▼

IPv4/IPv6 Mode:

- IPoE
- PPPoE**
- IPoA
- PPPoA

La configuration basique

General ☒

Name

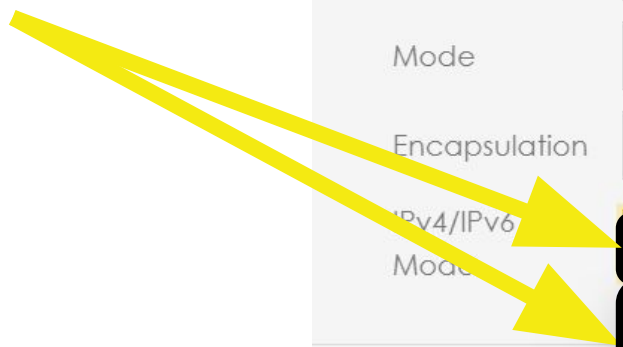
Type

Mode

Encapsulation

IPv4/IPv6 Mode

- IPv4 Only
- IPv4 IPv6 DualStack
- IPv6 Only



La configuration basique

PPP Information

PPP User Name	[redacted]@ocsimple.
PPP Password	[redacted]SNdR 
PPP Connection Trigger	☒ Auto Connect ☐ On Demand
PPPoE Passthrough	☐

La configuration basique

ATM PVC Configuration

VPI [0-255]	0
VCI [32-65535]	33
Encapsulation	LLC/SNAP-BRIDGING ▼
Service Category	UBR Without PCR ▼

La configuration basique

ATM PVC Configuration

VPI [0-255]	8
VCI [32-65535]	35
Encapsulation	LLC/SNAP-BRIDGING ▼
Service Category	UBR Without PCR ▼



La configuration basique

VLAN ☒

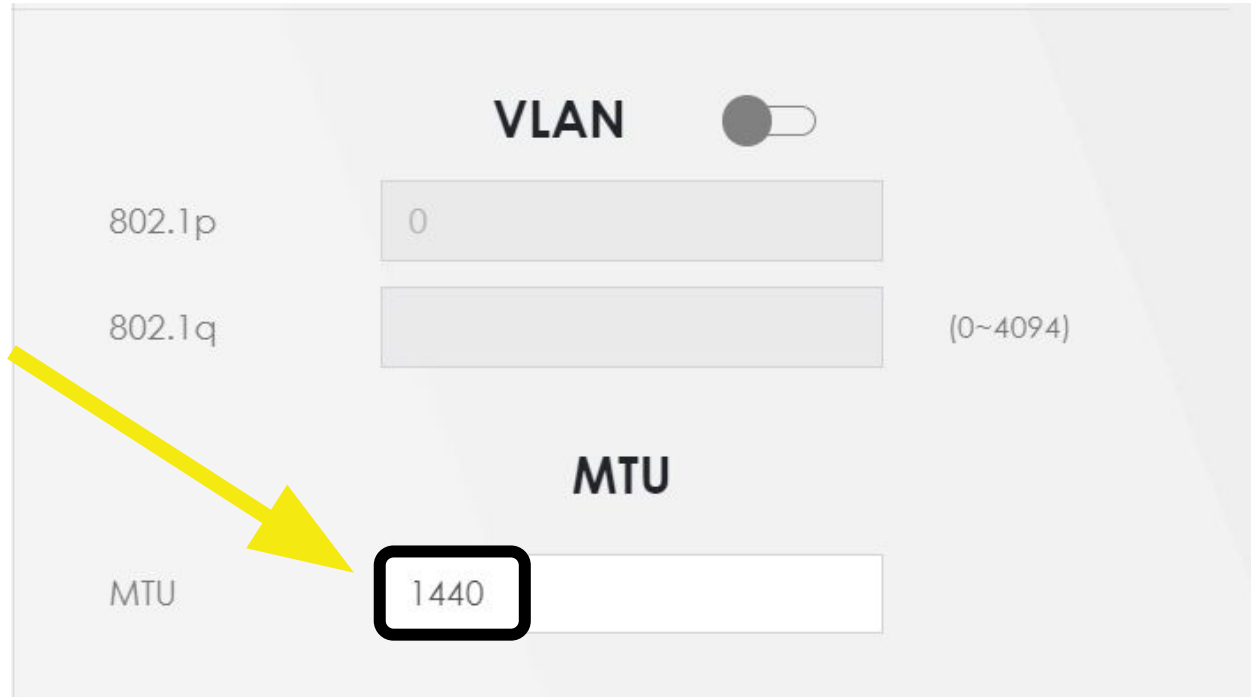
802.1p

802.1q (0~4094)

MTU

MTU

La configuration basique



The image shows a network configuration interface with a light gray background. At the top, the word "VLAN" is displayed in bold black text, followed by a toggle switch that is currently turned off. Below this, there are two input fields. The first is labeled "802.1p" and contains the value "0". The second is labeled "802.1q" and is empty, with the range "(0~4094)" indicated to its right. Below these fields, the word "MTU" is displayed in bold black text. Underneath, there is an input field labeled "MTU" on the left, which contains the value "1440". This value is highlighted with a thick black rectangular border. A yellow arrow points from the left side of the interface towards the "1440" value in the MTU field.

VLAN ☐

802.1p

802.1q (0~4094)

MTU

MTU

La configuration basique



The image shows a network configuration window with two sections: 'IP Address' and 'DNS Server'. Each section has two radio button options. In the 'IP Address' section, 'Obtain an IP Address Automatically' is selected. In the 'DNS Server' section, 'Obtain DNS Info Automatically' is selected.

IP Address

- ☒ Obtain an IP Address Automatically
- ☐ Static IP Address

DNS Server

- ☒ Obtain DNS Info Automatically
- ☐ Use Following Static DNS Address

La configuration basique

IP Address

☒ Obtain an IP Address Automatically

☐ Static IP Address

DNS Server

☐ Obtain DNS Info Automatically

☒ Use Following Static DNS Address

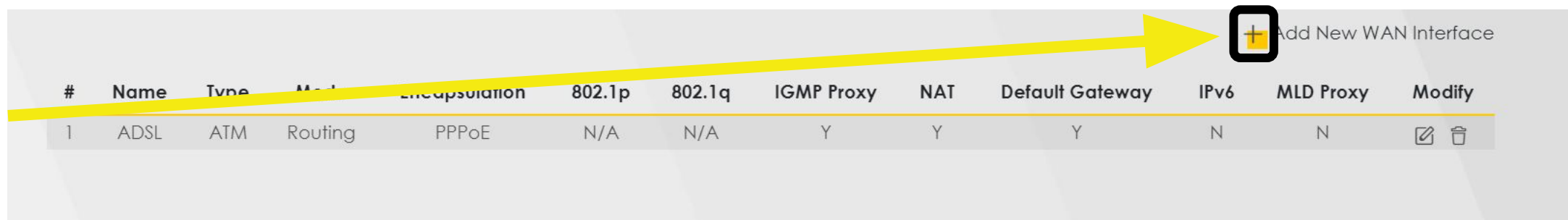
Primary DNS Server: 8 . 8 . 8 . 8

Secondary DNS Server: 8 8 4 4

La configuration basique



La configuration basique

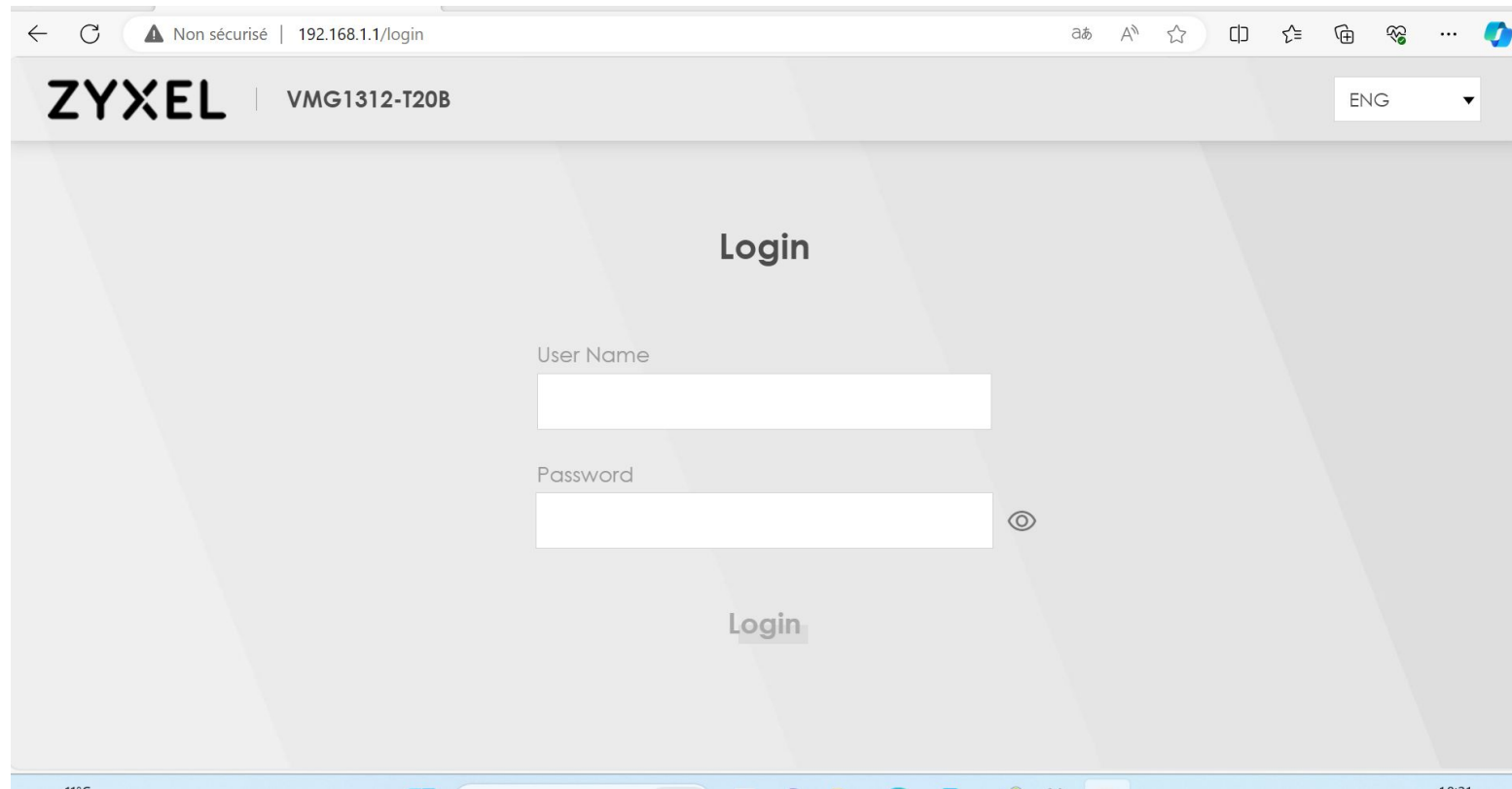


A screenshot of a network configuration interface. A yellow arrow points from the left towards a button labeled '+ Add New WAN Interface'. The button has a yellow square with a black plus sign. Below the button is a table with columns for WAN interface configuration.

#	Name	Type	Mode	Encapsulation	802.1p	802.1q	IGMP Proxy	NAT	Default Gateway	IPv6	MLD Proxy	Modify
1	ADSL	ATM	Routing	PPPoE	N/A	N/A	Y	Y	Y	N	N	 

Accès & WAN
VDSL

La configuration basique



The image shows a web browser window displaying the login page of a ZyXEL VMG1312-T20B device. The browser's address bar shows the URL "192.168.1.1/login" with a warning icon and the text "Non sécurisé". The page header features the "ZYXEL" logo, the model number "VMG1312-T20B", and a language dropdown menu set to "ENG". The main content area has a light gray background with a large, faint "Login" watermark. In the center, there are two input fields: "User Name" and "Password". The "Password" field includes a toggle icon (an eye) to the right, indicating a password visibility feature. Below the input fields, there is a "Login" button.

← ↻ ⚠ Non sécurisé | 192.168.1.1/login

ZYXEL | VMG1312-T20B ENG

Login

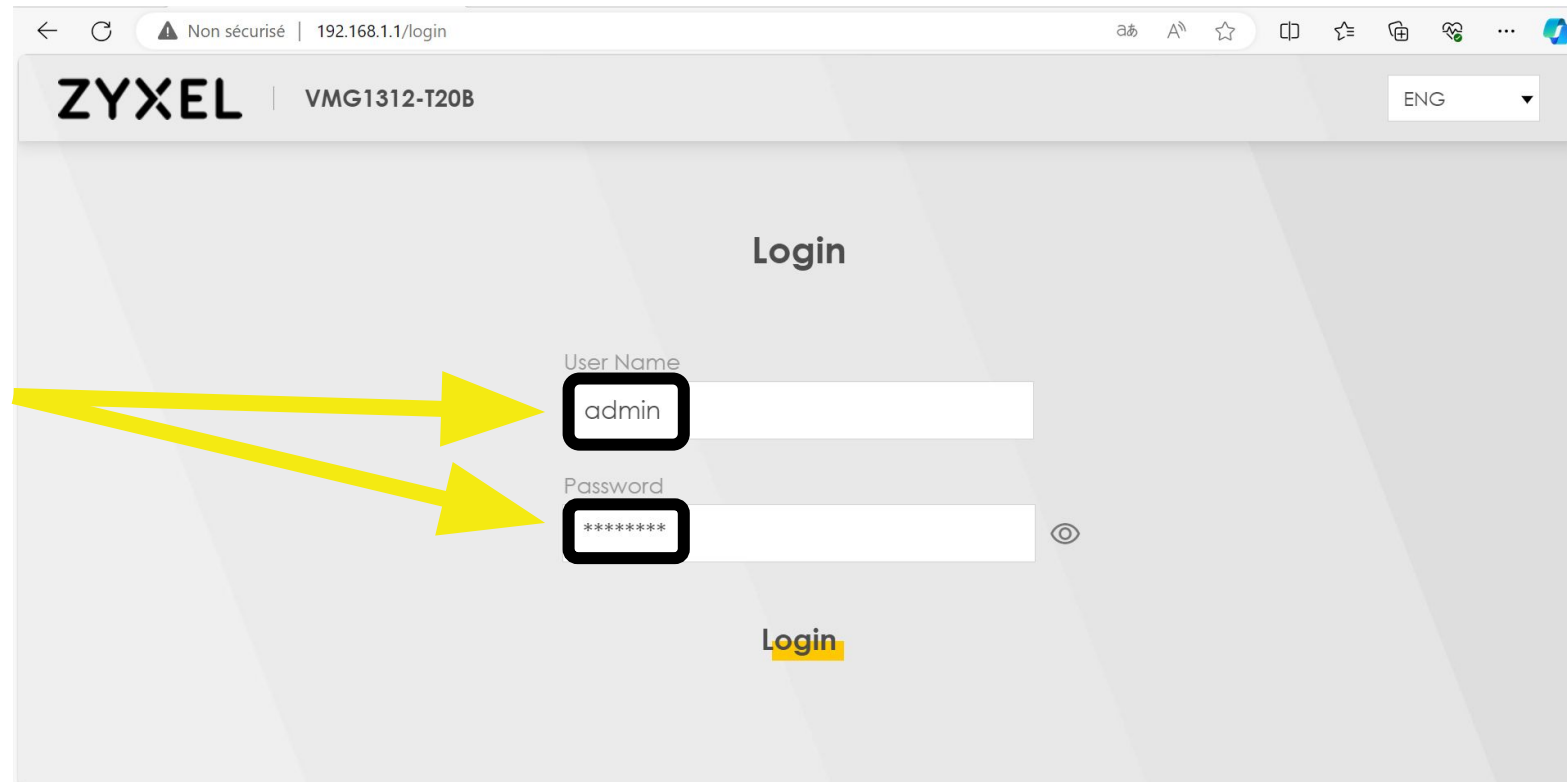
User Name

Password

Login

La configuration basique



The image shows a web browser window displaying the login page of a ZyXEL VMG1312-T20B device. The browser's address bar shows the URL "192.168.1.1/login" and a security warning "Non sécurisé". The page header includes the "ZYXEL" logo, the model number "VMG1312-T20B", and a language dropdown menu set to "ENG". The main heading is "Login". Below this, there are two input fields: "User Name" with the text "admin" and "Password" with masked characters "*****". Both input fields are highlighted with black rectangular boxes. Two yellow arrows originate from the left side of the image and point to these two boxes. Below the password field is a toggle icon (an eye) and a "Login" button.

Non sécurisé | 192.168.1.1/login

ZYXEL | VMG1312-T20B ENG

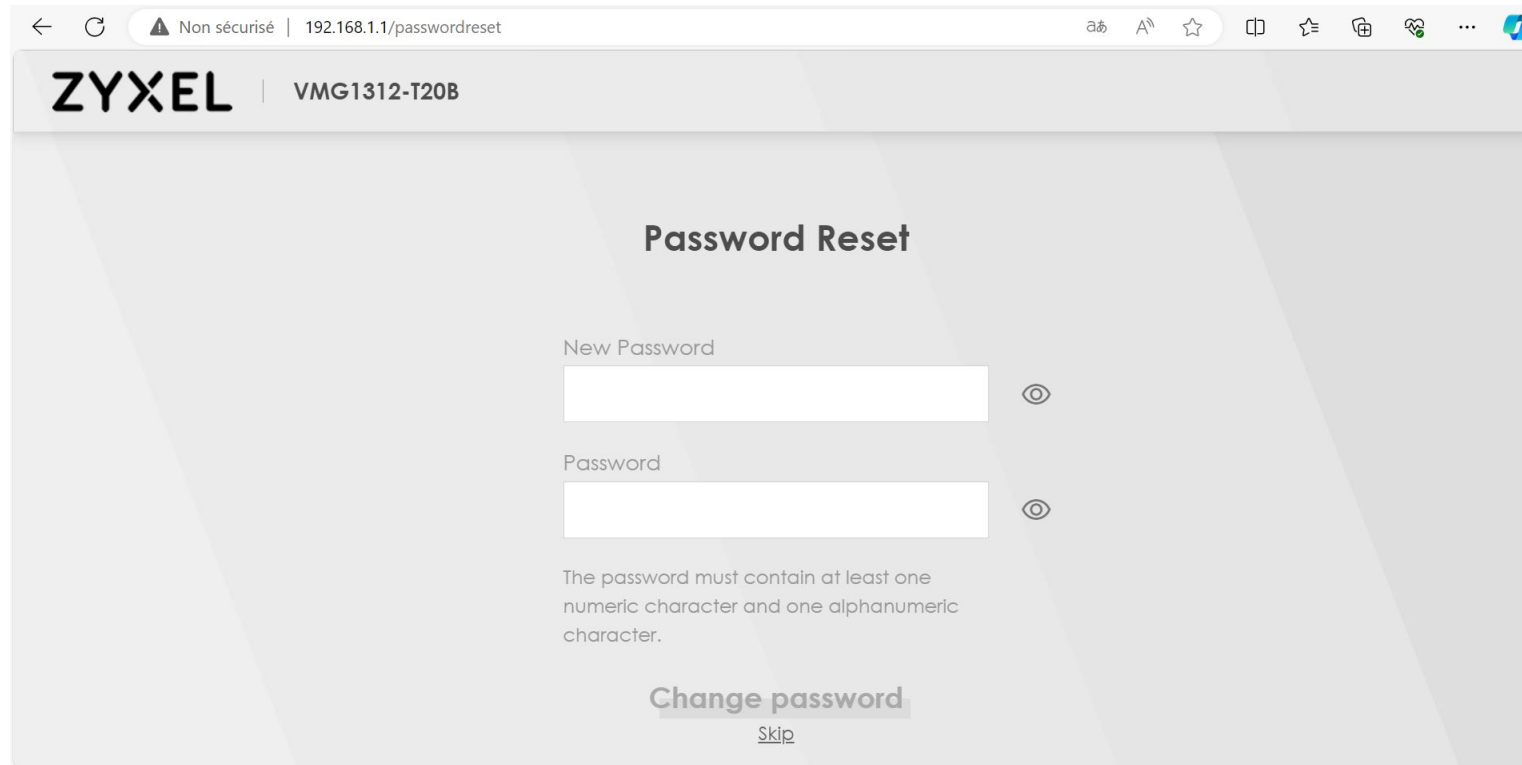
Login

User Name
admin

Password

Login

La configuration basique



The screenshot shows a web browser window with the address bar displaying "Non sécurisé | 192.168.1.1/passwordreset". The page header includes the "ZYXEL" logo and the model number "VMG1312-T20B". The main heading is "Password Reset". Below this, there are two input fields: "New Password" and "Password", each with a toggle icon to its right. A note states: "The password must contain at least one numeric character and one alphanumeric character." At the bottom, there are two buttons: "Change password" and "Skip".

← ↻ ⚠ Non sécurisé | 192.168.1.1/passwordreset a A ☆ □ ☆ □ 🔒 ...

ZYXEL | VMG1312-T20B

Password Reset

New Password

Password

The password must contain at least one numeric character and one alphanumeric character.

Change password [Skip](#)

La configuration basique

Broadband

Broadband Cellular Backup Advanced

Use this screen to change your Zyxel Device's Internet access settings. The summary table shows you the configured WAN services (connections) on the Zyxel Device. Use information provided by your ISP to configure WAN settings.



Add New WAN Interface

#	Name	Type	Mode	Encapsulation	802.1p	802.1q	IGMP Proxy	NAT	Default Gateway	IPv6	MLD Proxy	Modify
1	ADSL	ATM	Routing	IPoE	N/A	N/A	Y	Y	Y	Y	Y	 
2	VDSL	PTM	Routing	IPoE	N/A	N/A	Y	Y	Y	Y	Y	 

La configuration basique

Broadband

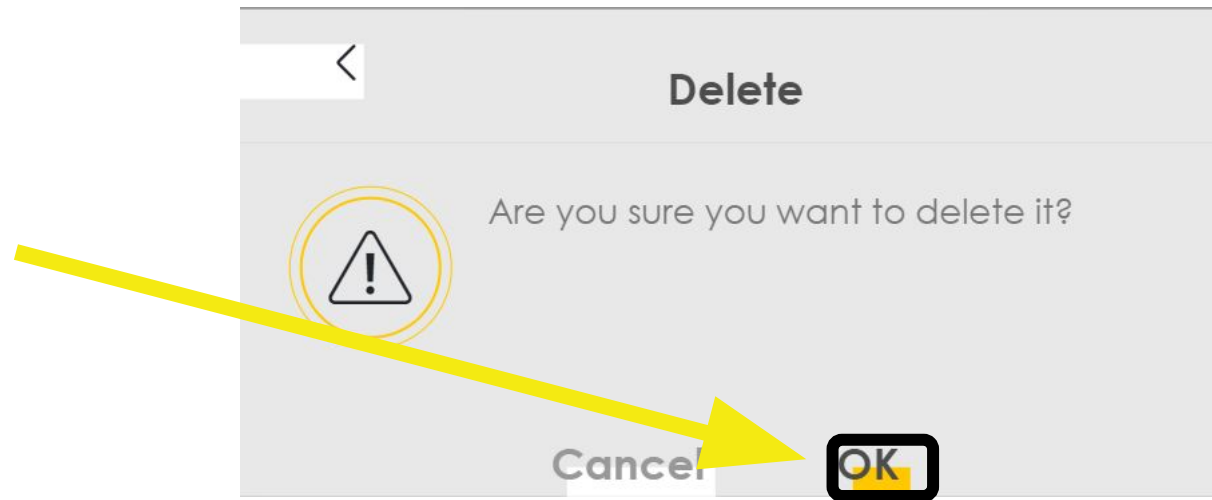
Broadband Cellular Backup Advanced

Use this screen to change your Zyxel Device's Internet access settings. The summary table shows you the configured WAN services (connections) on the Zyxel Device. Use information provided by your ISP to configure WAN settings.

+ Add New WAN Interface

#	Name	Type	Mode	Encapsulation	802.1p	802.1q	IGMP Proxy	NAT	Default Gateway	IPv6	MLD Proxy	Modify
1	ADSL	ATM	Routing	IPoE	N/A	N/A	Y	Y	Y	Y	Y	 
2	VDSL	PTM	Routing	IPoE	N/A	N/A	Y	Y	Y	Y	Y	 

La configuration basique



La configuration basique

<

Edit WAN Interface

General  NameVDSL TypeVDSL over PTM ModeRouting EncapsulationIPoE IPv4/IPv6 ModeIPv4 IPv6 DualStack	VLAN  802.1p0 802.1q(0~4094) MTU1500
IP Address ☒ Obtain an IP Address Automatically ☐ Static IP Address DNS Server ☒ Obtain DNS Info Automatically ☐ Use Following Static DNS Address	Routing Feature NATIGMP Proxy Apply as Default GatewayFullcone NAT

La configuration basique

General ☒

Name

Type

Mode

Encapsulation

IPv4/IPv6 Mode



La configuration basique

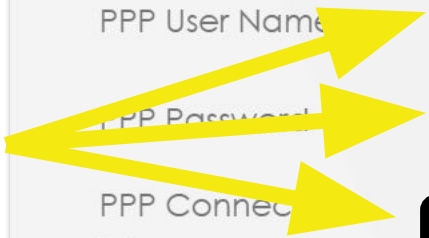
PPP Information

PPP User Name

PPP Password 

PPP Connection Trigger ☒ Auto Connect ☐ On Demand

PPPoE Passthrough ☐



La configuration basique

The image shows a network configuration interface with the following elements:

- VLAN**: A toggle switch is turned on (blue circle).
- 802.1p**: A dropdown menu showing the value **0**.
- 802.1q**: A text input field containing **835**, with a range indicator **(0~4094)** to its right.
- MTU**: A text input field containing **1492**.

Three yellow arrows originate from a single point on the left and point to the **VLAN** toggle, the **802.1q** field, and the **MTU** field.

La configuration basique

IP Address

☒ Obtain an IP Address Automatically

☐ Static IP Address

DNS Server

☐ Obtain DNS Info Automatically

☒ Use Following Static DNS Address

Primary DNS Server 8 . 8 . 8 . 8

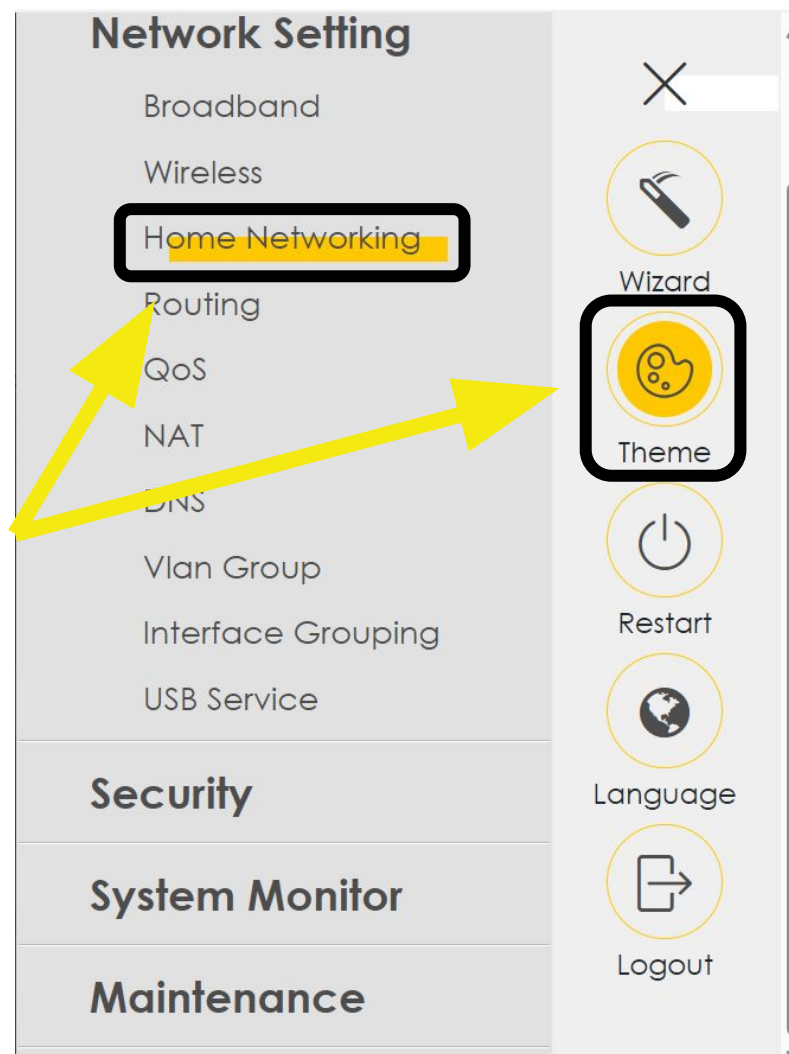
Secondary DNS Server 8 . 8 . 4 . 4

La configuration basique



Home Network ADSL & VDSL

La configuration basique



La configuration basique

Home Networking

LAN SetupStatic DHCPUPnPAdditional SubnetSTB Vendor IDWake on LANTFTP Server Name

Use this screen to set the Local Area Network IP address and subnet mask of your Zyxel Device. Configure DHCP settings to have the Zyxel Device or a DHCP server assign IP addresses to devices on the LAN.

Interface Group

Group NameDefault

LAN IP Setup

IP Address192.168.1.1

Subnet Mask255.255.255.0

DHCP Server State

DHCP☒ Enable ☐ Disable ☐ DHCP Relay

IP Addressing Values

Beginning IP Address192.168.1.2

Ending IP Address192.168.1.254

Auto reserve IP for the same host☐

La configuration basique

DHCP Server Lease Time

days hours minutes

DNS Values

DNS ☒ DNS Proxy ☐ Static ☐ From ISP

LAN IPv6 Mode Setup

IPv6 Active ☒

Link Local Address Type

☒ EUI64 ☐ Manual

LAN Global Identifier Type

☒ EUI64 ☐ Manual

La configuration basique

IP Addressing Values

Beginning IP Address 

Ending IP Address 

Auto reserve IP for the same host ☐

La configuration basique

DNS Values

DNS ☐ Proxy ☒ Static ☐ From ISP

DNS Server 1

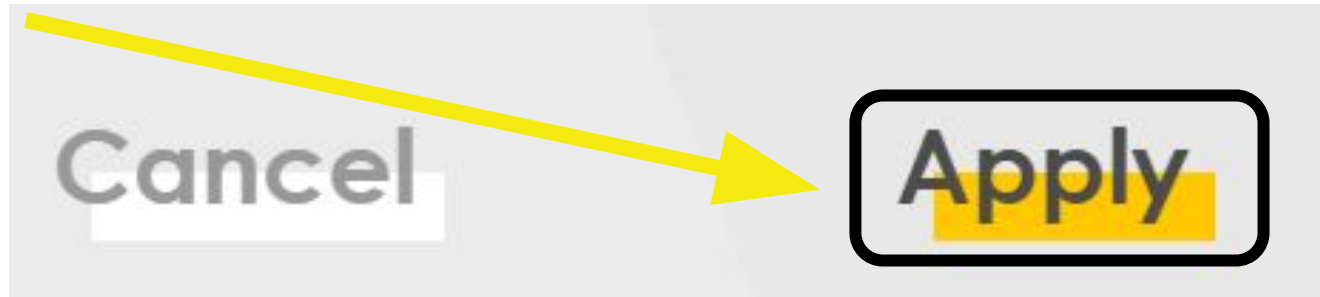
DNS Server 2

LAN IPv4 Mode Setup



The image shows a configuration window for DNS values. It has three radio buttons: 'Proxy', 'Static', and 'From ISP'. The 'Static' option is selected and highlighted with a yellow background and a black border. Two yellow arrows point from the left towards the 'Static' option and the 'DNS Server 1' field. Below the radio buttons are two text input fields for DNS servers. The first field, labeled 'DNS Server 1', contains the IP address '8.8.8.8'. The second field, labeled 'DNS Server 2', contains the IP address '8.8.4.4'. Both input fields are also highlighted with a black border. At the bottom of the visible area, the text 'LAN IPv4 Mode Setup' is partially visible.

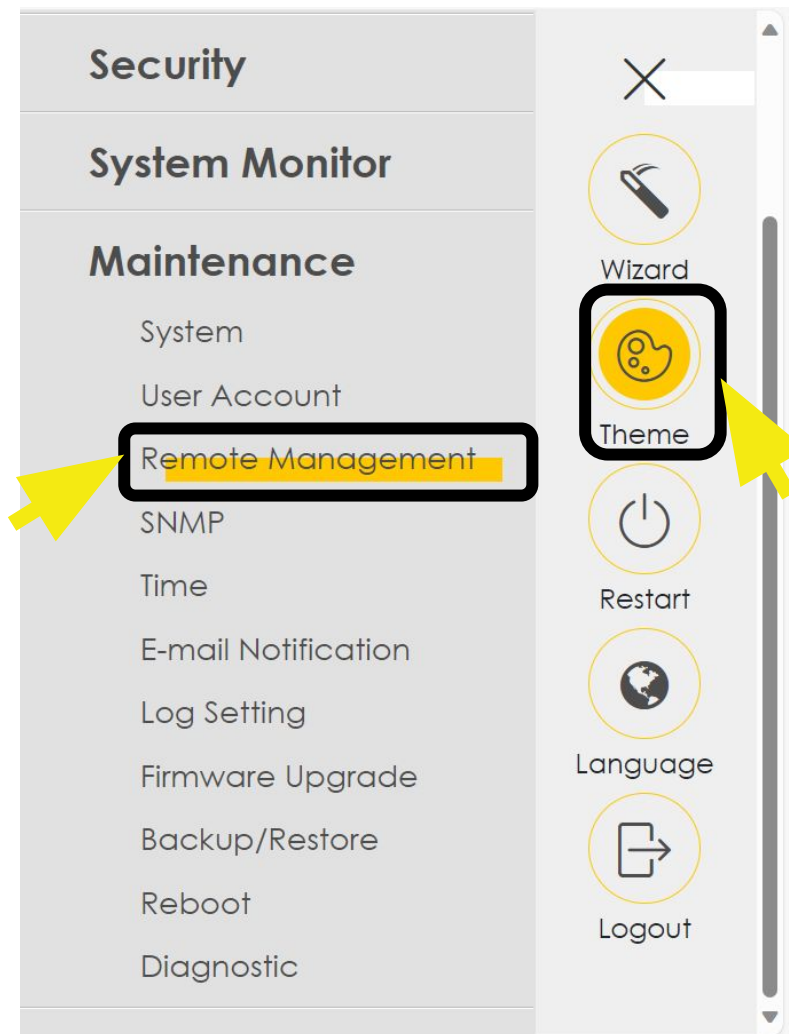
La configuration basique



Maintenance ADSL & VDSL

Remote management ADSL & VDSL

La configuration basique



La configuration basique

Remote Management

MGMT Services Trust Domain

Use this screen to configure the interfaces through which services can access the Zyxel Device. You can also specify service port numbers computers must use to connect to the Zyxel Device.

Service Control

WAN Interface used for services ☒ Any_WAN ☐ Multi_WAN

☐ WWAN ☐ ADSL

Service	LAN	WLAN	WAN	Trust Domain	Port
HTTP	☒ Enable	☒ Enable	☐ Enable	☐ Enable	80
HTTPS	☒ Enable	☒ Enable	☐ Enable	☐ Enable	443
FTP	☒ Enable	☒ Enable	☐ Enable	☐ Enable	21
TELNET	☒ Enable	☒ Enable	☐ Enable	☐ Enable	23
SSH	☒ Enable	☒ Enable	☐ Enable	☐ Enable	22
SNMP	☒ Enable	☒ Enable	☐ Enable	☐ Enable	161
PING	☒ Enable	☒ Enable	☐ Enable	☐ Enable	

La configuration basique

Service Control

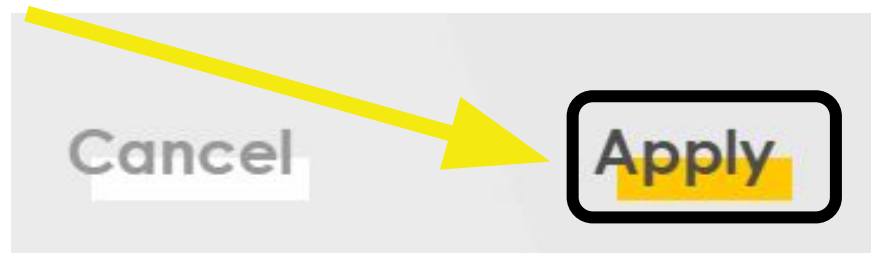
WAN Interface used for services

☒ Any_WAN ☐ Multi_WAN

☐ WWAN ☐ ADSL

Service	LAN	WLAN	WAN	Trust Domain	Port
HTTP	☐ Enable	☐ Enable	☐ Enable	☐ Enable	80
HTTPS	☒ Enable	☒ Enable	☒ Enable	☒ Enable	20999
FTP	☐ Enable	☐ Enable	☐ Enable	☐ Enable	21
TELNET	☐ Enable	☐ Enable	☐ Enable	☐ Enable	23
SSH	☐ Enable	☐ Enable	☐ Enable	☐ Enable	22
SNMP	☒ Enable	☒ Enable	☒ Enable	☐ Enable	161
PING	☒ Enable	☒ Enable	☒ Enable	☐ Enable	

La configuration basique



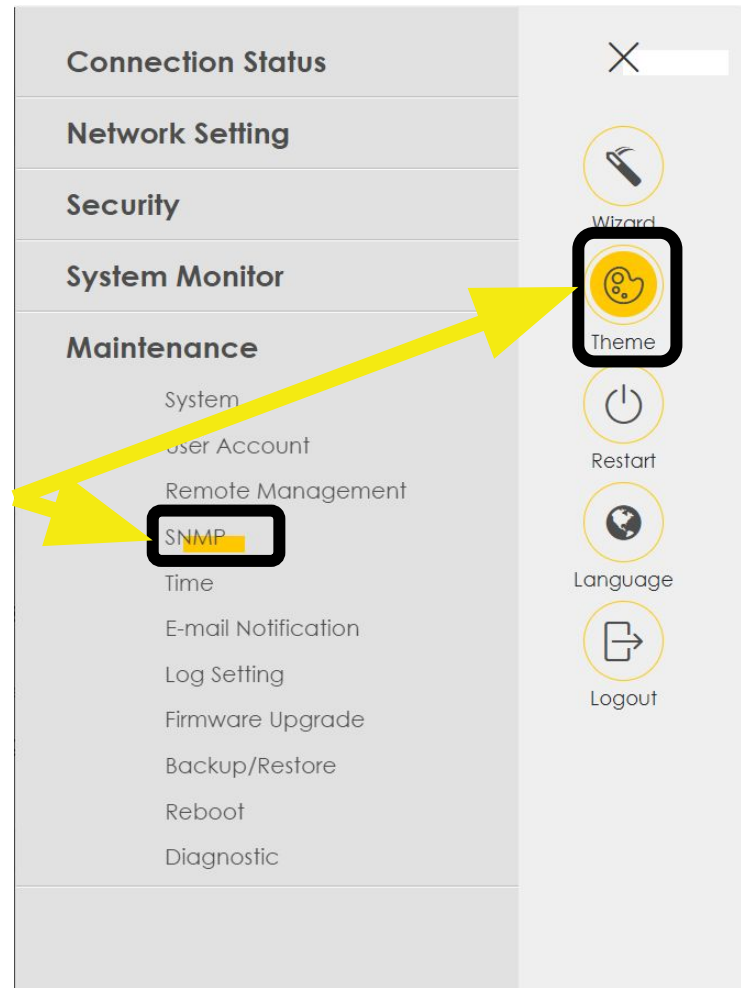
La configuration basique



SNMP
Simple Network
Management Protocol
Protocole de gestion de
réseau simple

ADSL & VDSL

La configuration basique



La configuration basique

SNMP

This screen allows you to configure the SNMP settings on the Zyxel Device.

The Simple Network Management Protocol is a protocol used for exchanging management information between network devices. Your Zyxel Device supports SNMP agent functionality, which allows a manager station to manage and monitor the Zyxel Device through the network.

Configure how the Zyxel Device reports to the Network Management System (NMS) via SNMP using the screen below.

SNMP Agent	☐
Get Community	public
Set Community	private
Trap Community	public
System Name	VMG1312-T20B
System Location	Taiwan
System Contact	
Trap Destination	

CancelApply

La configuration basique

SNMP

This screen allows you to configure the SNMP settings on the Zyxel Device.

The Simple Network Management Protocol is a protocol used for exchanging management information between network devices. Your Zyxel Device supports SNMP agent functionality, which allows a manager station to manage and monitor the Zyxel Device through the network.

Configure how the Zyxel Device reports to the Network Management System (NMS) via SNMP using the screen below.

SNMP Agent

Get Community

Set Community

Trap Community

System Name

System Location

System Contact

Trap Destination

☒

normhost-public

private

public

VMG1312-T20B

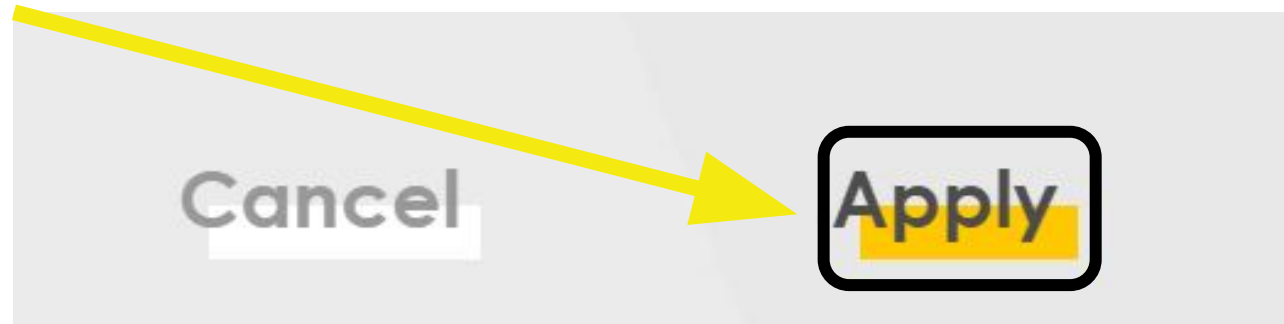
France

109. .127

Cancel

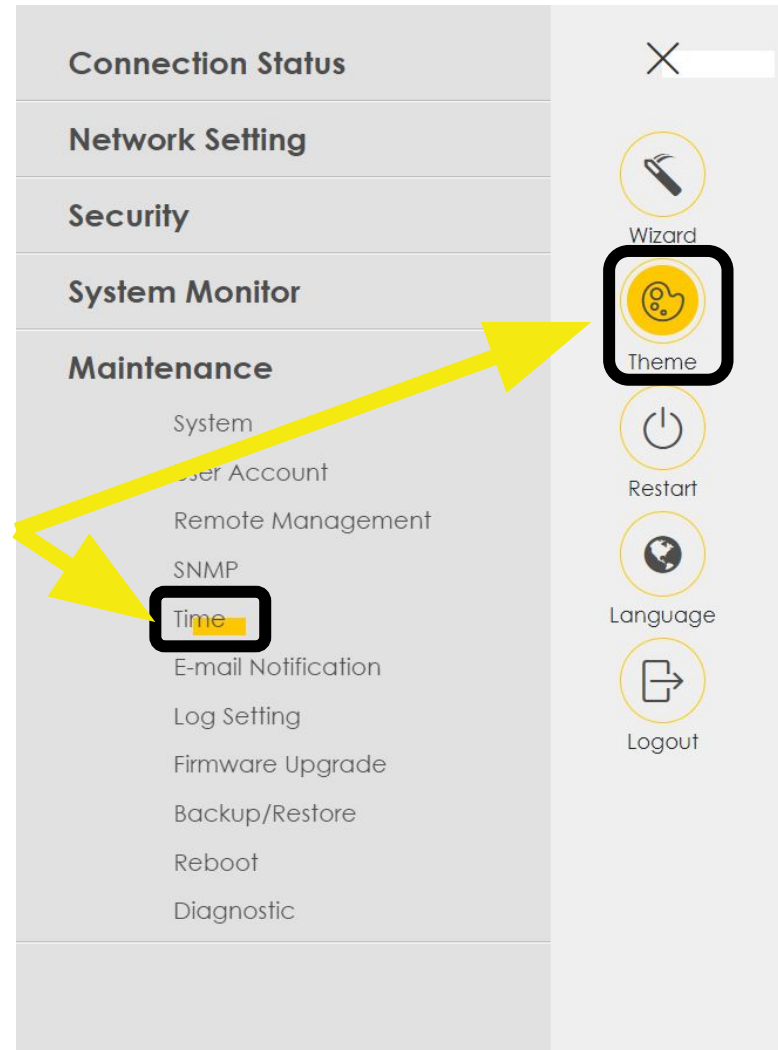
Apply

La configuration basique



FUSEAUX HORAIRES ADSL & VDSL

La configuration basique



La configuration basique

Time

Use this screen to configure the Zyxel Device's time based on your local time zone. You can enter a time server address, select the time zone where the Zyxel Device is physically located, and configure Daylight Savings settings if needed.

Current Date/Time

Current Time	01:10:37
Current Date	2021-08-08

Time and Date Setup

Time Protocol	SNTP (RFC-1769)	
First Time Server Address	clock.fmt.he.net	
Second Time Server Address	clock.nyc.he.net	
Third Time Server Address	clock.sjc.he.net	
Fourth Time Server Address	None	
Fifth Time Server Address	None	

Time Zone

Time Zone	(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna
-----------	--

Daylight Savings

Active	☒
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La configuration basique

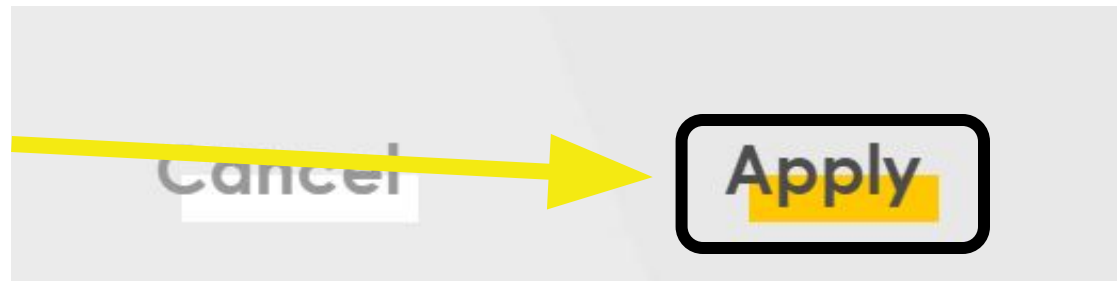
Time Zone

Time Zone

(GMT+01:00) Brussels, Copenhagen, Madrid, Paris ▼



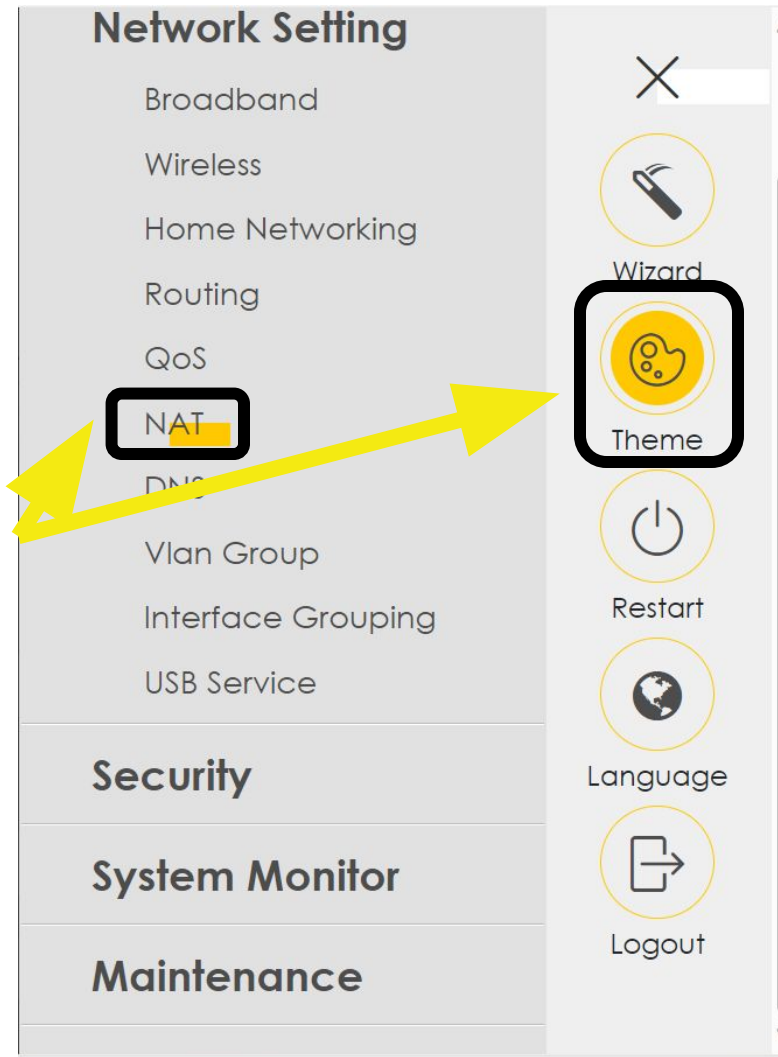
La configuration basique



La configuration basique

NAT
ADSL & VDSL

La configuration basique



La configuration basique

ZYXEL

VMG1312-T20B

NAT

Port Forwarding

Port Triggering

DMZ

ALG

Address Mapping

Sessions

Use **Port Forwarding** to forward incoming service requests from the Internet to the server(s) on your local network. Port forwarding is commonly used when you want to host online gaming, P2P file sharing, or other servers on your network.

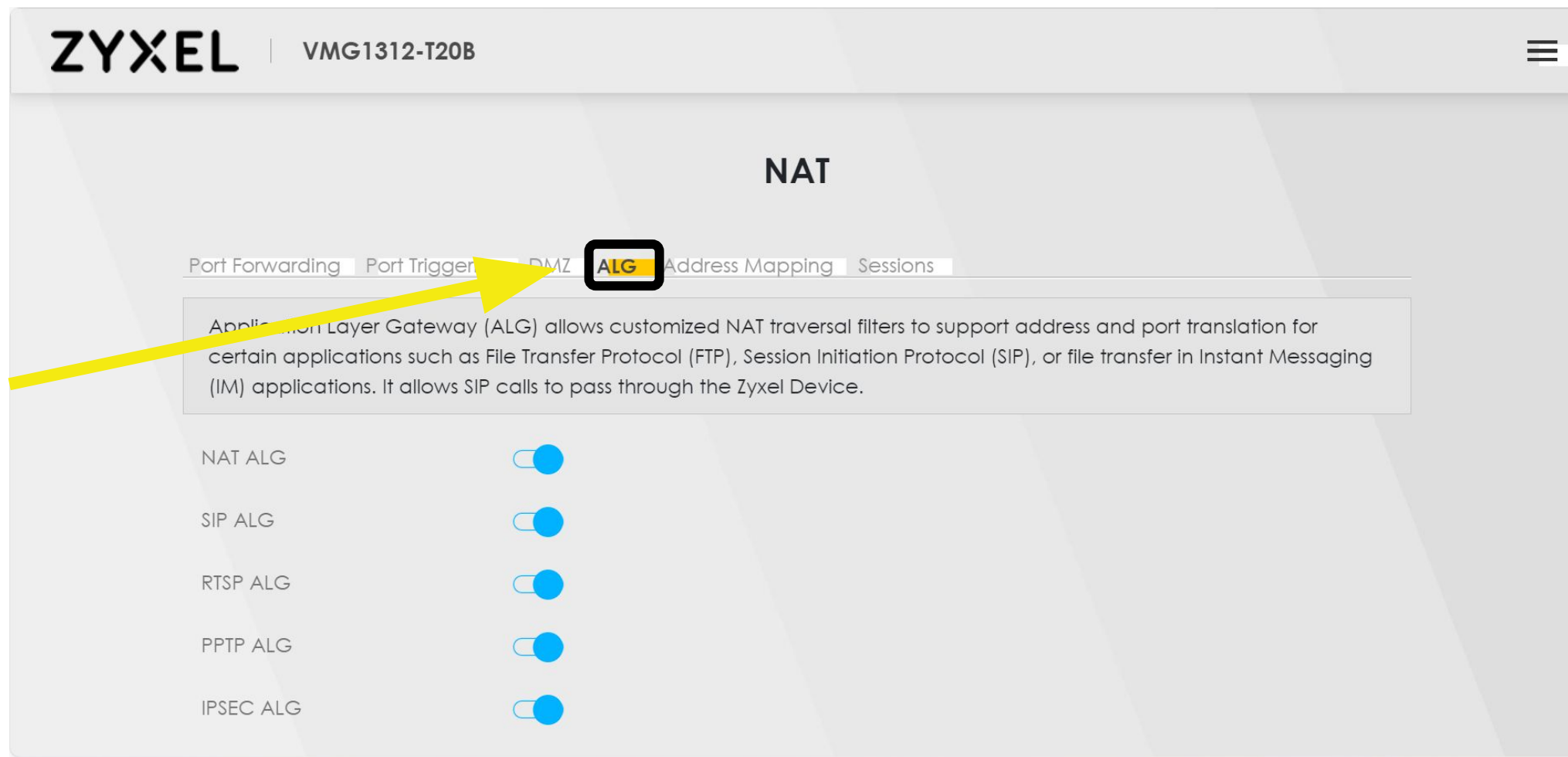
Add New Rule

#	Status	Service Name	Originating IP	WAN Interface	Server IP Address	Start Port	End Port	Translation Start Port	Translation End Port	Protocol	Modify
---	--------	--------------	----------------	---------------	-------------------	------------	----------	------------------------	----------------------	----------	--------

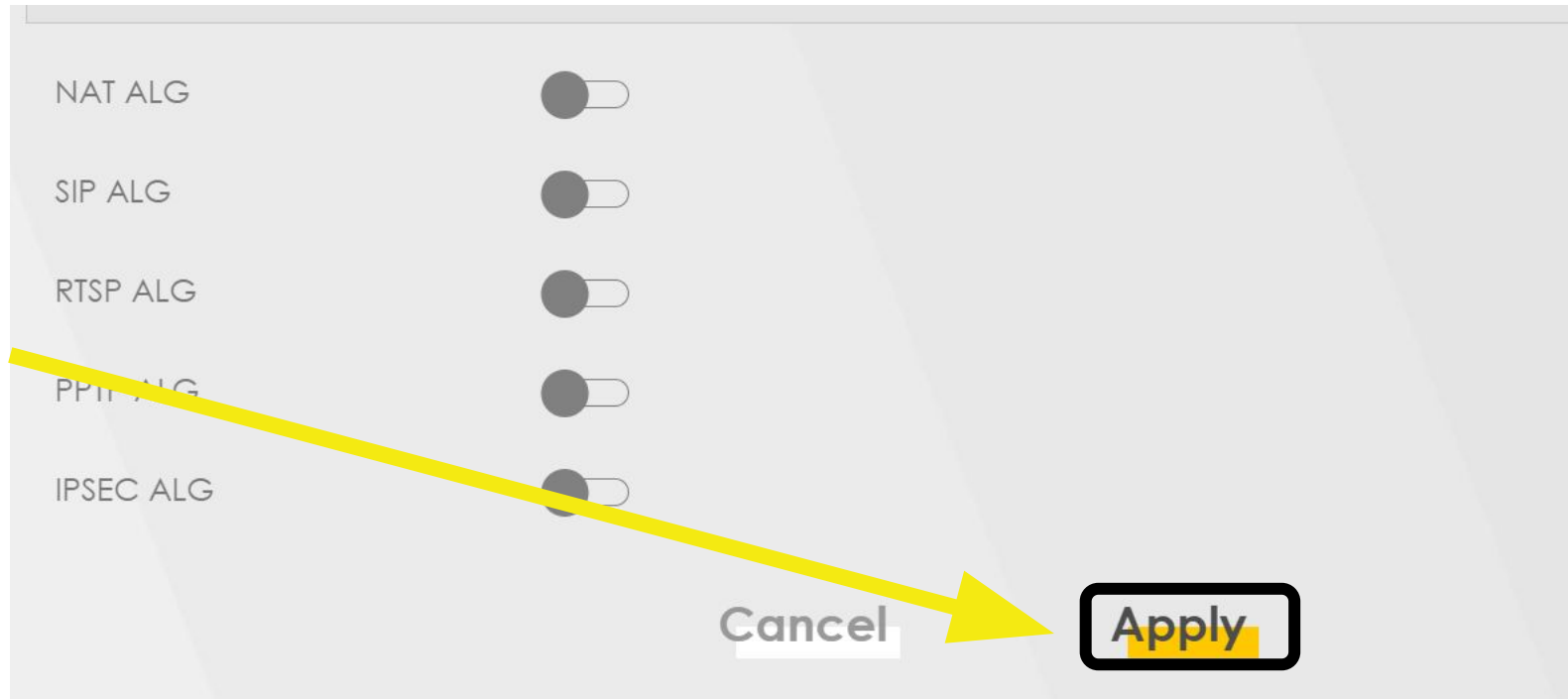
Note

TCP port 7547 is reserved for system use.

La configuration basique



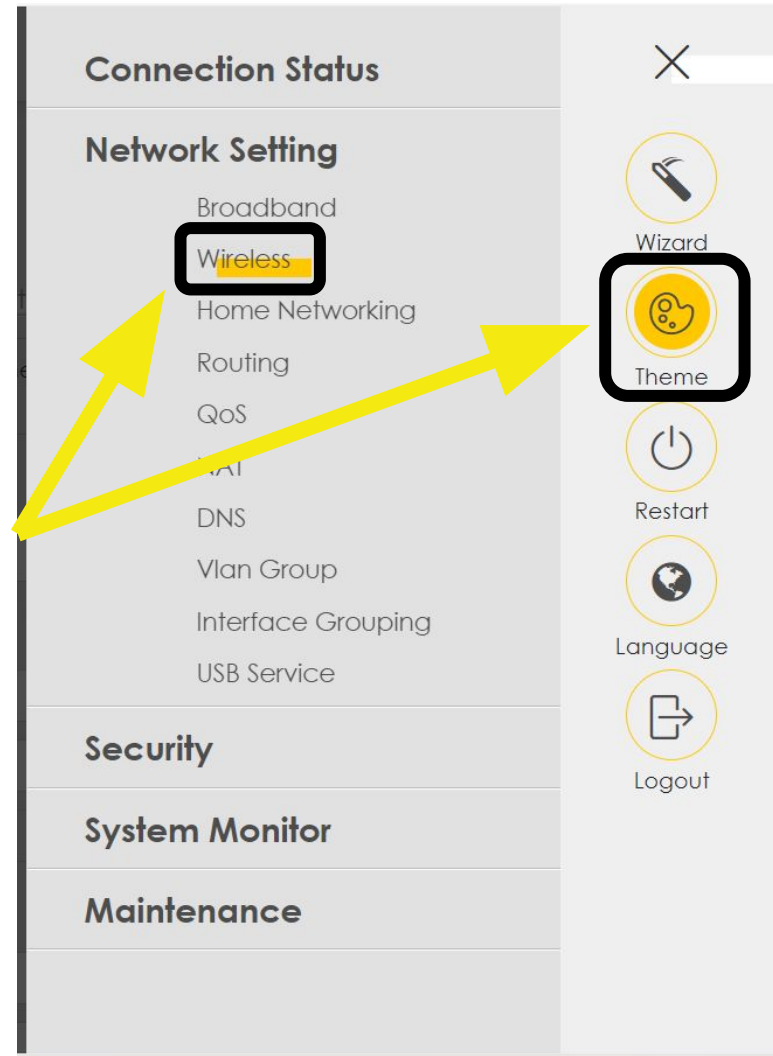
La configuration basique



La configuration basique

WIFI
ADSL & VDSL

La configuration basique



La configuration basique

ZYXEL | VMG1312-T20B

Wireless

General

Guest/More AP

MAC Authentication

WPS

WMM

Others

Channel Status

Use this screen to enable the Wireless LAN, enter the SSID and select the wireless security mode. We recommend that you select **More Secure** to enable **WPA2-PSK** data encryption.

Wireless Network Setup

Band

2.4GHz

Wireless

☒

Channel

Auto

Current: 6 / 20 MHz

Bandwidth

20/40MHz

Control Sideband

Lower

Wireless Network Settings

Wireless Network Name

ZyxeL_0511

Max Clients

32

La configuration basique

☐ Hide SSID 

☒ Multicast Forwarding

Max. Upstream Bandwidth Kbps

Max. Downstream Bandwidth Kbps

Note

(1) If you are configuring the Zyxel Device from a computer connected by WiFi and you change the Zyxel Device's SSID, channel or security settings, you will lose your WiFi connection when you press **Apply**. You must change the WiFi settings of your computer to match the new settings on the Zyxel Device.

(2) If upstream/downstream bandwidth is empty, the Zyxel Device sets the value automatically. Setting a maximum upstream/downstream bandwidth will significantly decrease wireless performance.

BSSID D4:1A:D1:06:05:10

Security Level

No Security

More Secure
(Recommended)





Security Mode WPA2-PSK

☒ Generate password automatically

Enter 8-63 ASCII characters or 64 hexadecimal digits ("0-9", "A-F").

Password 

Strength

medium



La configuration basique

Wireless Network Settings

Wireless Network Name 

communedepuyoo

La configuration basique

Security Level

No Security More Secure (Recommended)

Security Mode WPA2-PSK

☒ Generate password automatically

Enter 8-63 ASCII characters or 64 hexadecimal digits ("0-9", "A-F").

Password ***** 👁

Strength medium

☒

La configuration basique

Security Level

No Security More Secure
(Recommended)

Security Mode: WPA2-PSK

☒ Generate password automatically

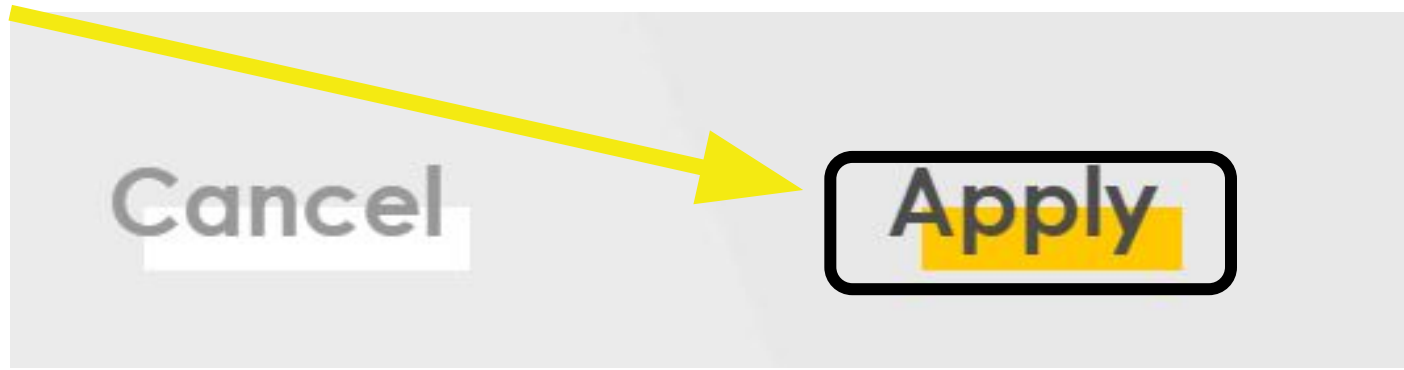
Enter 8-63 ASCII characters or 64 hexadecimal digits ("0-9", "A-F").

Password: my

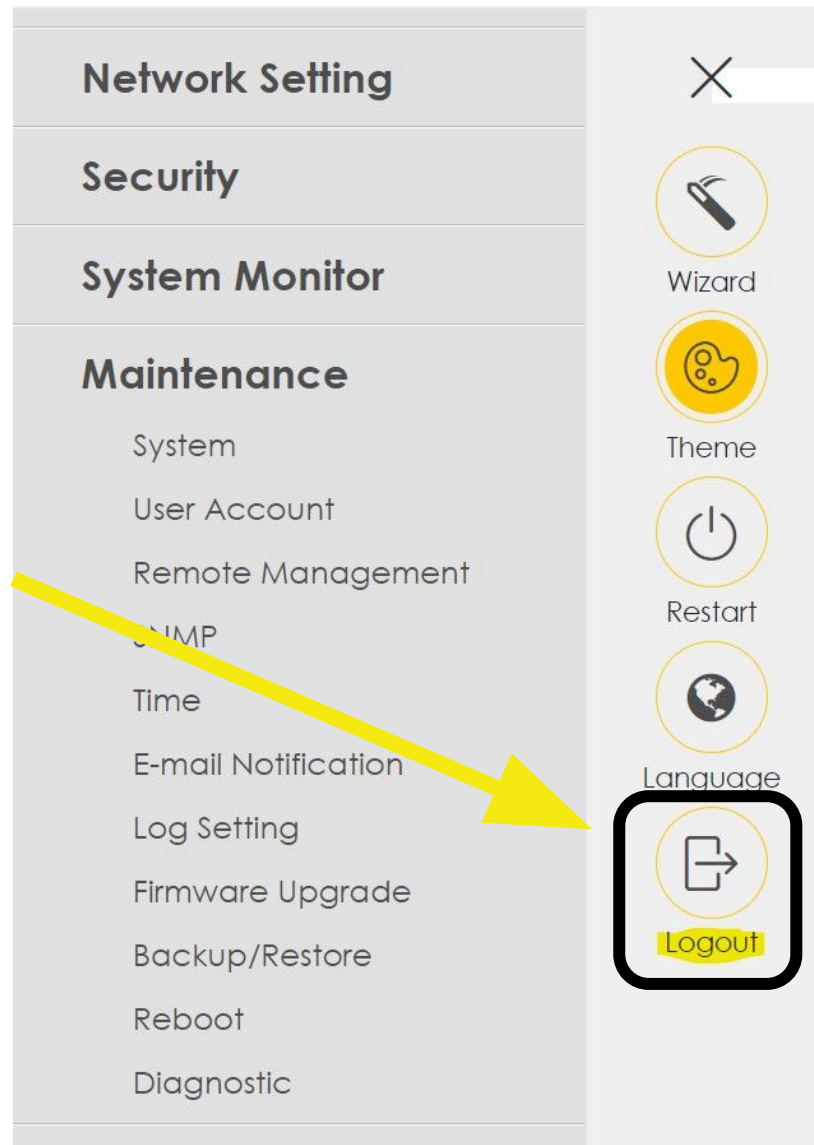
Strength: medium

☒

La configuration basique



La configuration basique



Votre routeur est bien configuré