

ZyXEL P-870HN-51b

VDSL2 yhteyden asennus



P-870HN-51b VDSL2 yhteyden asennus

- Kytke P-870HN-51b pikaohjeen mukaan
- Avaa selain
 - kirjoita osoiteriville <http://192.168.1.1>
- Kirjaudu hallintaan
 - käyttäjätunnus admin
 - salasana 1234



ZyXEL P-870HN-51b VDSL2 asennus

Klikkaa vasemman puoleisesta
valikosta Network

The screenshot shows the ZyXEL web interface for a P-870HN-51b device. The browser address bar shows <http://192.168.1.1/>. The page title is "Welcome to P-870HN-51b ::". The main content area is titled "Status" and contains several sections:

- Device Information:**
 - User Name: [admin](#)
 - Model Number: P-870HN-51b
 - MAC Address: 00:23:f8:d5:ec:2a
 - Firmware Version: [1.01\(BKK.1\)](#)
 - DSL Firmware Version: A2pv6C030h.d22k
 - WAN 0 Information
 - Mode: ATM/IPvE
 - IP Address: 0.0.0.0
 - IP Subnet Mask: 0.0.0.0
 - Primary DNS: 0.0.0.0
 - Secondary DNS: 0.0.0.0
 - LAN Information
 - IP Address: [192.168.1.1](#)
 - IP Subnet Mask: 255.255.255.0
 - DHCP: [Server](#)
 - WLAN Information
 - Channel: 6
 - WPS Status: [Unconfigured](#)
 - WDS Status: [AP + Bridge](#)
 - AP 1 Information
 - ESSID: [ZyXEL01](#)
 - Status: Active
 - Security: No Security
- System Status:**
 - System Uptime: 0 days: 0 hours: 8 minutes
 - Current Date/Time: 01 Jan 2000 00:13:37
 - System Mode: [Routing / Bridging](#)
 - CPU Usage: [3.00%](#)
 - Memory Usage: [65%](#)
- Interface Status:**

Interface	Status	Rate
DSL	Link Down	kbps / kbps
LAN1	Up	100M / Full
LAN2	NoLink	N/A
LAN3	NoLink	N/A
LAN4	NoLink	N/A
WLAN	Up	144M
- More Status:**
 - [WAN Service Statistics](#) / [xDSL Statistics](#)
 - [Route Info](#) / [LAN Statistics](#)
 - [WLAN Station List](#) / [Client List](#)

A red arrow points to the "Network" menu item in the left sidebar. The status bar at the bottom shows "Message Ready".



ZyXEL P-870HN-51b VDSL2 asennus

Klikkaa Network -alavalikosta WAN

The screenshot shows the ZyXEL P-870HN-51b web interface in a Firefox browser window. The address bar shows <http://192.168.1.1/>. The page title is "Welcome to P-870HN-51b ::". The main content area is titled "Status" and contains several sections:

- Device Information:** User Name: [admin](#), Model Number: P-870HN-51b, MAC Address: 00:23:f8:d5:ec:2a, Firmware Version: [1.01\(BKK.1\)](#), DSL Firmware Version: A2pv6C030h.d22k.
- WAN 0 Information:** Mode: ATM/IPvE, IP Address: 0.0.0.0, IP Subnet Mask: 0.0.0.0, Renew: Renew, Primary DNS: 0.0.0.0, Secondary DNS: 0.0.0.0.
- LAN Information:** IP Address: [192.168.1.1](#), IP Subnet Mask: 255.255.255.0, DHCP: [Server](#).
- WLAN Information:** Channel: 6, WPS Status: [Unconfigured](#), WDS Status: [AP + Bridge](#).
- AP 1 Information:** ESSID: [ZyXEL01](#), Status: Active, Security: No Security.

On the left side, there is a navigation menu with the following items: Status, Network, WAN, LAN, Wireless LAN, NAT, Security, Advanced, and Maintenance. A red arrow points to the "WAN" item in the Network section.

System Status: System Uptime: 0 days: 0 hours: 8 minutes, Current Date/Time: 01 Jan 2000 00:19:23, System Mode: [Routing / Bridging](#), CPU Usage: 2.98%, Memory Usage: 65%.

Interface Status:

Interface	Status	Rate
DSL	Link Down	kbps / kbps
LAN1	Up	100M / Full
LAN2	NoLink	N/A
LAN3	NoLink	N/A
LAN4	NoLink	N/A
WLAN	Up	144M

More Status: [WAN Service Statistics](#), [Route Info](#), [WLAN Station List](#), [xDSL Statistics](#), [LAN Statistics](#), [Client List](#).

At the bottom, there is a "Message" box showing "Ready".



ZyXEL P-870HN-51b VDSL2 asennus

Valitse Layer 2 Interface -välilehti

The screenshot shows the ZyXEL web management interface for a P-870HN-51b device. The browser address bar shows the URL `http://192.168.1.1/`. The navigation menu on the left includes 'Network', 'Security', 'Advanced', and 'Maintenance'. Under 'Network', there are sub-menus for 'WAN', 'LAN', 'Wireless LAN', and 'NAT'. A red arrow points to the 'Layer 2 Interface' tab in the 'Internet Connection' section. The main content area is titled 'Wide Area Network (WAN) Service Setup' and contains a table with the following data:

Interface	Description	Type	Rate	Vlan8021p	VlanMuxId	ConnId	IGMP	NAT	Firewall	Modify
atm0	ipoe_0_8_35	ATM/IPv6E	N/A	N/A	N/A	N/A	Disabled	Enabled	Enabled	

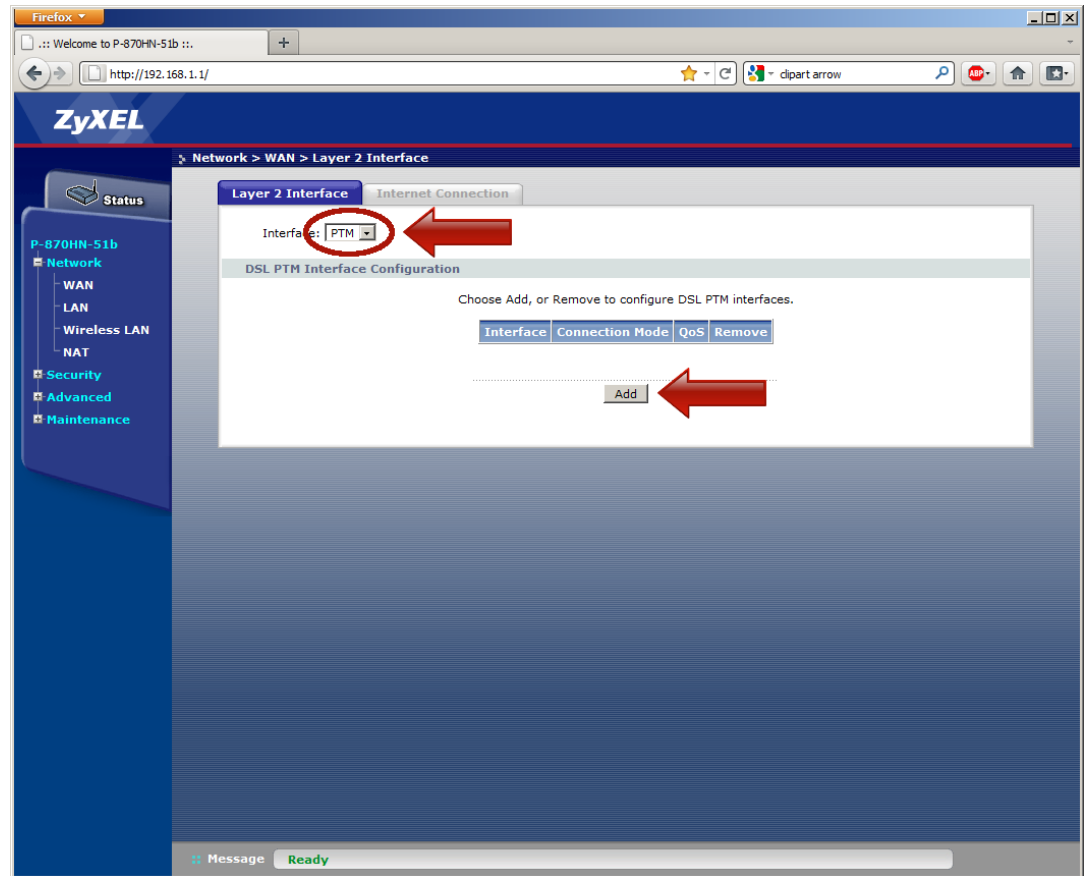
Below the table is an 'Add' button.



ZyXEL P-870HN-51b VDSL2 asennus

Valitse Interface –alasvettovalikosta
PTM

klikkaa Add –nappia



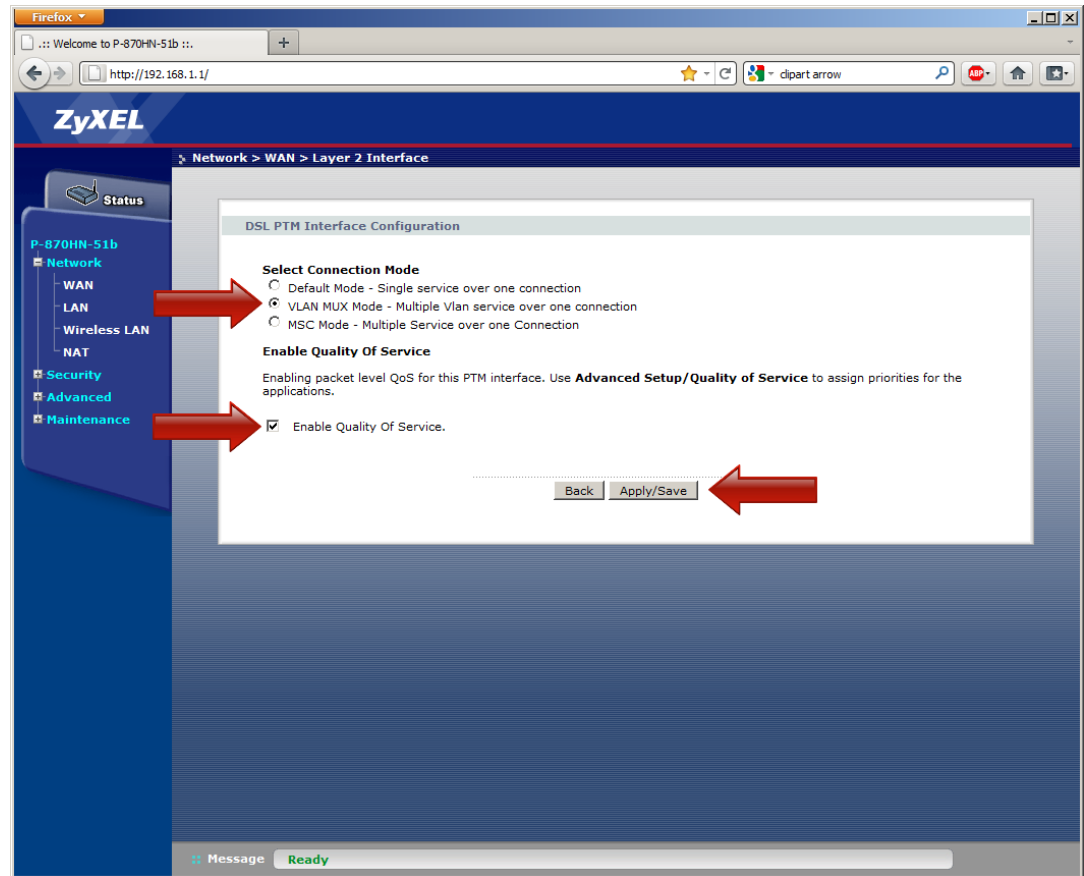


ZyXEL P-870HN-51b VDSL2 asennus

Valitse VLAN MUX Mode

Valitse Enable Quality Of Service

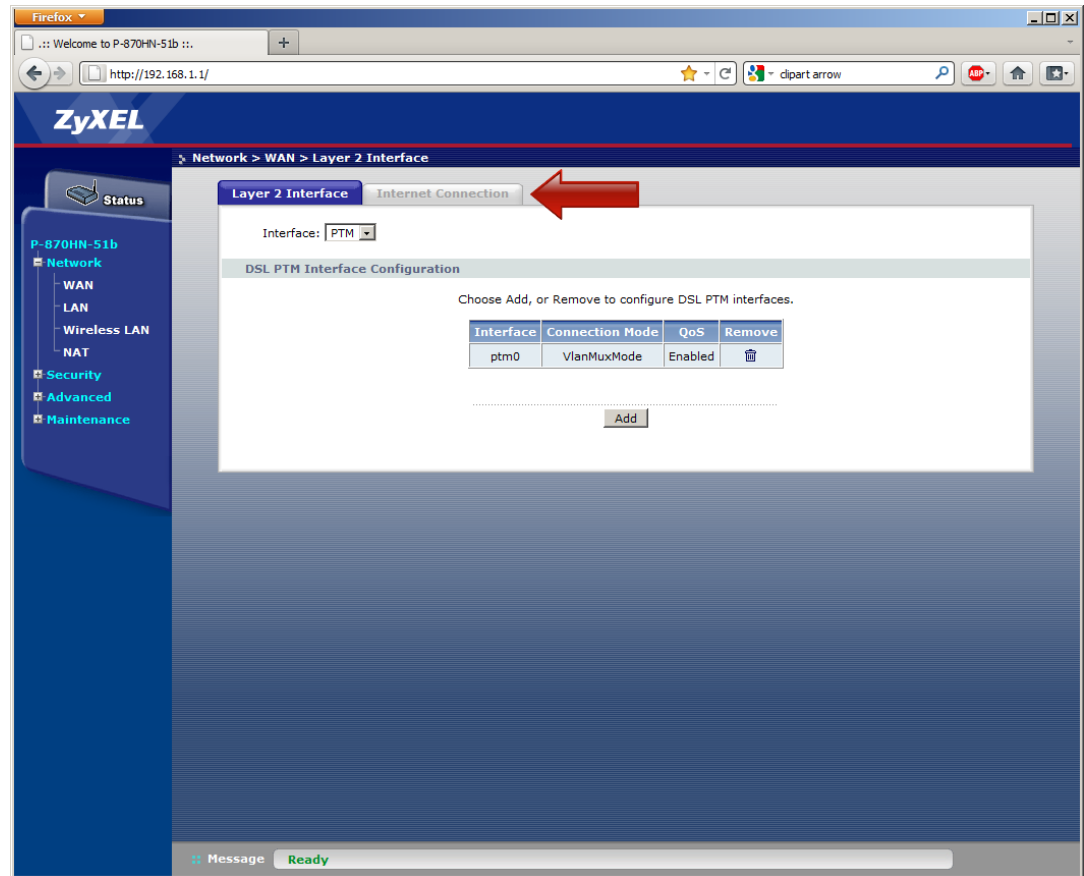
Klikkaa Apply/Save –nappia





ZyXEL P-870HN-51b VDSL2 asennus

Valitse Internet Connection -välilehti





ZyXEL P-870HN-51b VDSL2 asennus

Klikkaa Add -nappia

The screenshot shows the ZyXEL web management interface for a P-870HN-51b device. The browser address bar shows `http://192.168.1.1/`. The navigation menu on the left includes Status, Network (WAN, LAN, Wireless LAN, NAT), Security, Advanced, and Maintenance. The main content area is titled "Network > WAN > Internet Connection" and "Layer 2 Interface > Internet Connection". It displays the "Wide Area Network (WAN) Service Setup" page with the instruction: "Choose Add, or Remove to configure a WAN service over a selected interface." Below this is a table with the following data:

Interface	Description	Type	Rate	Vlan8021p	VlanMuxId	ConnId	IGMP	NAT	Firewall	Modify
atm0	ipoe_0_8_35	ATM/IPv6E	N/A	N/A	N/A	N/A	Disabled	Enabled	Enabled	

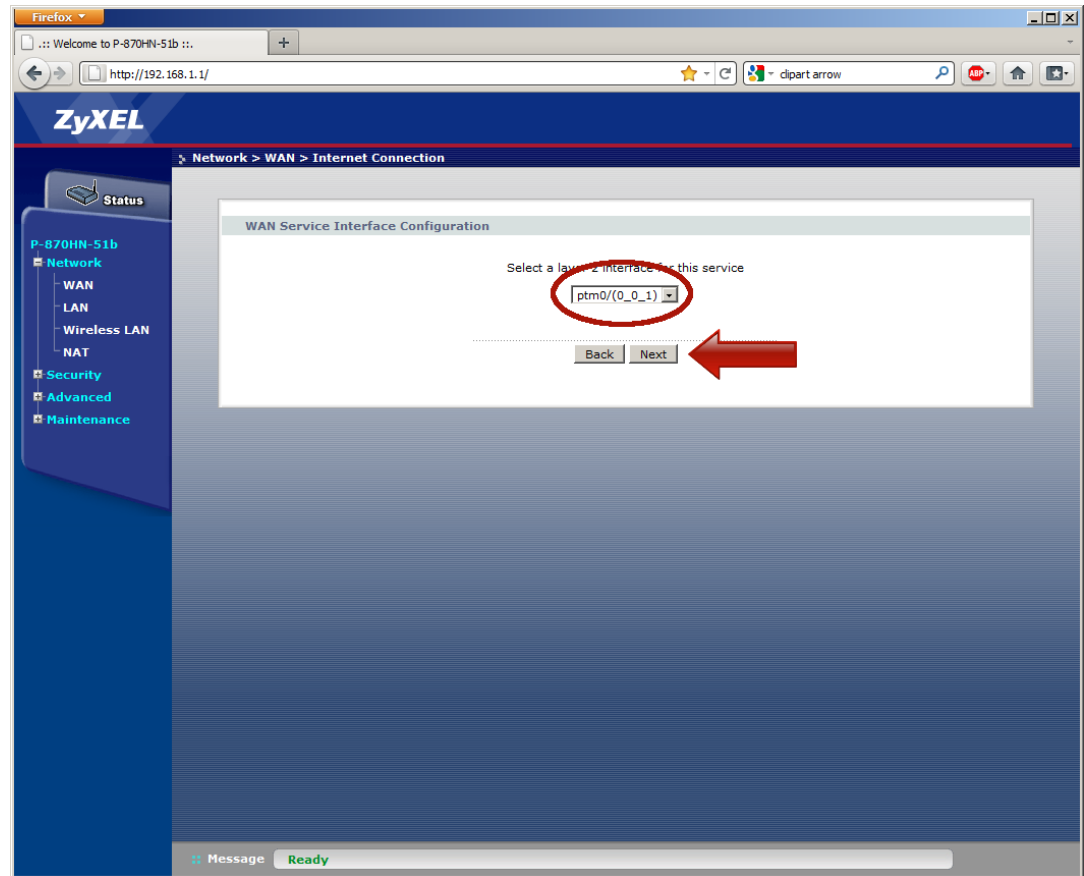
Below the table, there is an "Add" button, which is highlighted by a red arrow pointing to it from the right.



ZyXEL P-870HN-51b VDSL2 asennus

Valitse alavetovalikosta
ptm0/(0_0_1)

Klikkaa Next -nappia



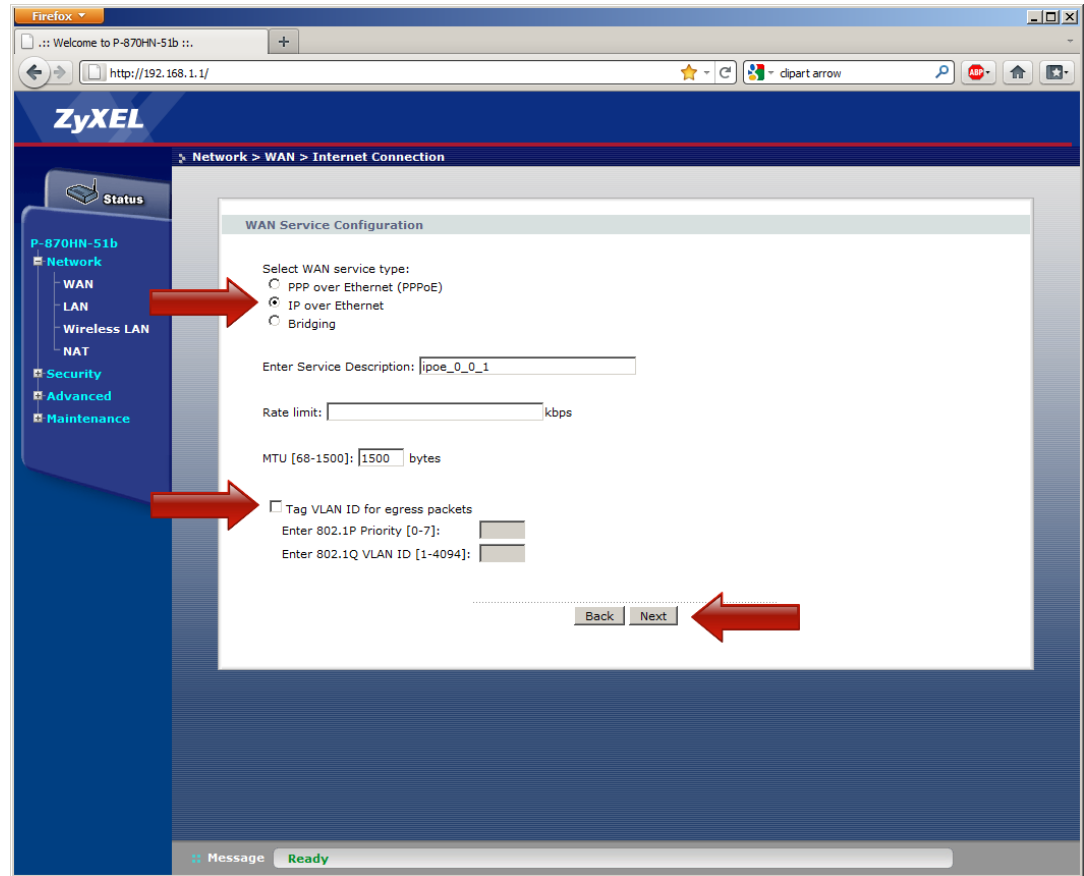


ZyXEL P-870HN-51b VDSL2 asennus

Valitse IP over Ethernet

Poista valinta Tag VLAN ID for egress packets

Klikkaa Next –nappia

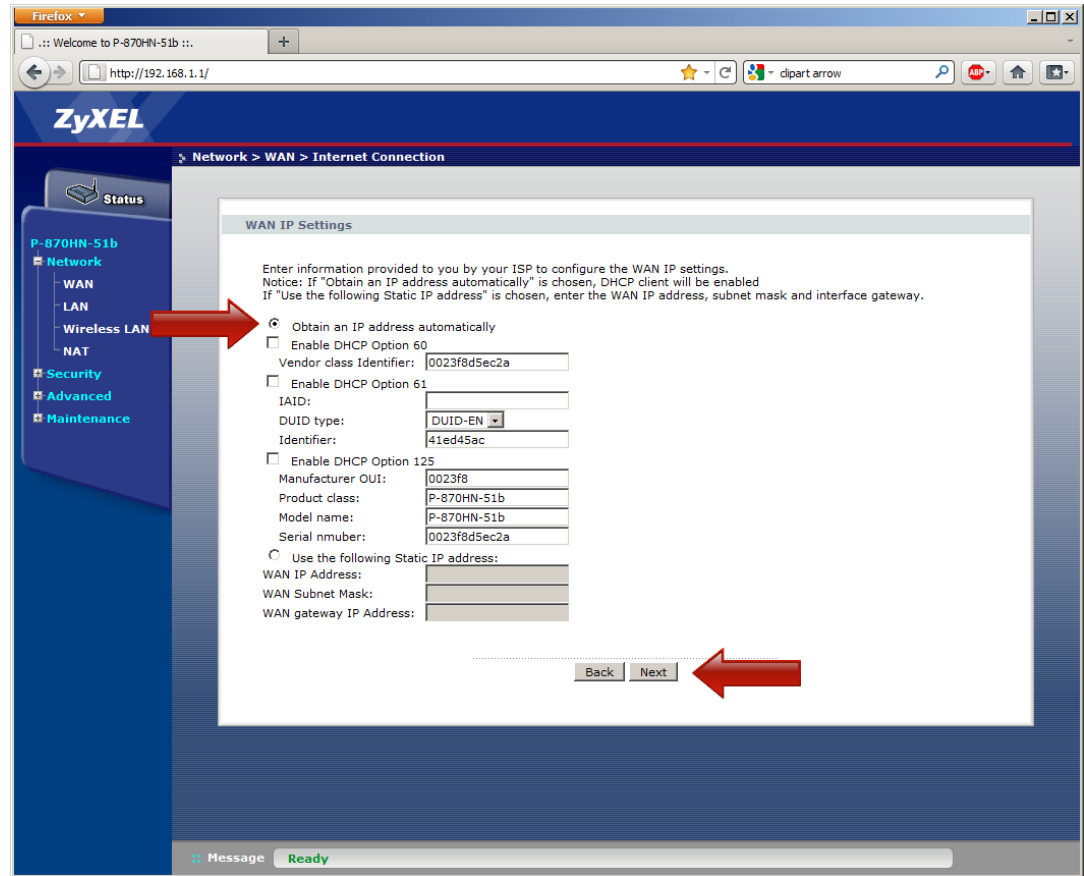




ZyXEL P-870HN-51b VDSL2 asennus

Valitse Obtain IP address
automatically

Klikkaa Next –nappia





ZyXEL P-870HN-51b VDSL2 asennus

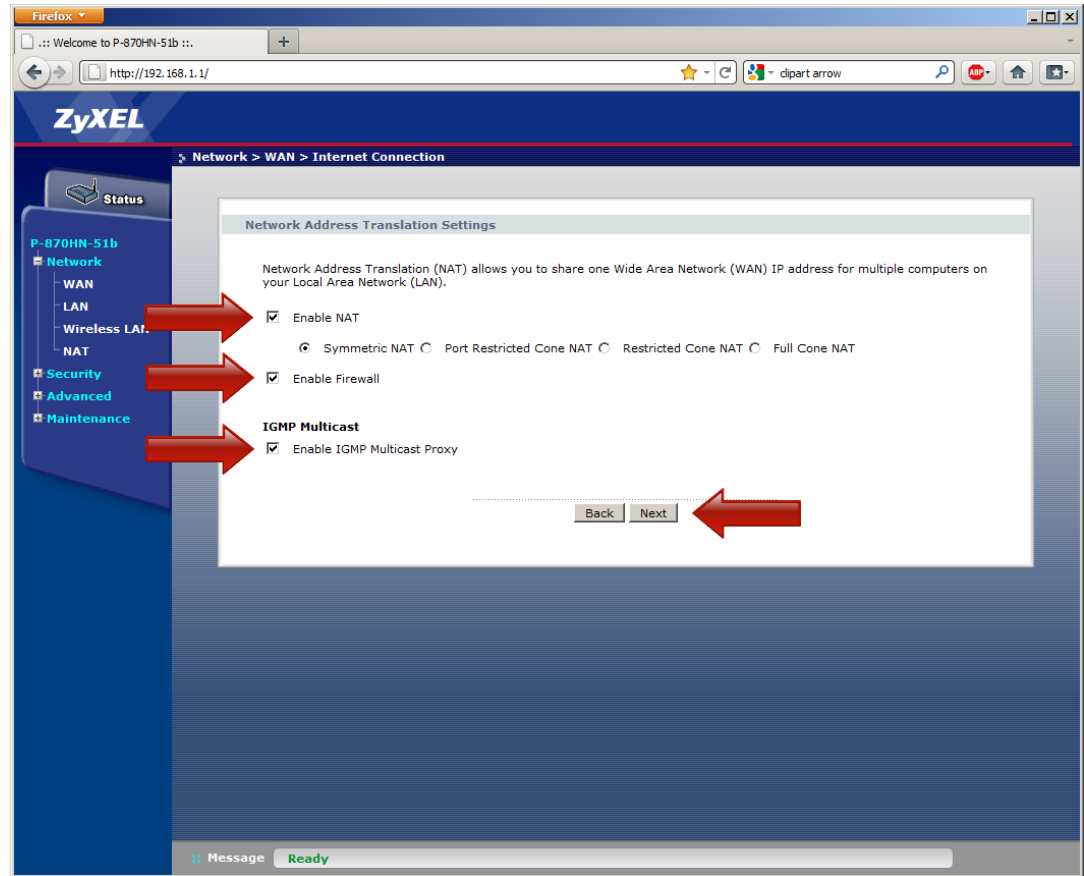
Valitse Enable NAT

Valitse Symmetric NAT

Valitse Enable Firewall

Valitse Enable IGMP Multicast Proxy

Klikkaa Next –nappia

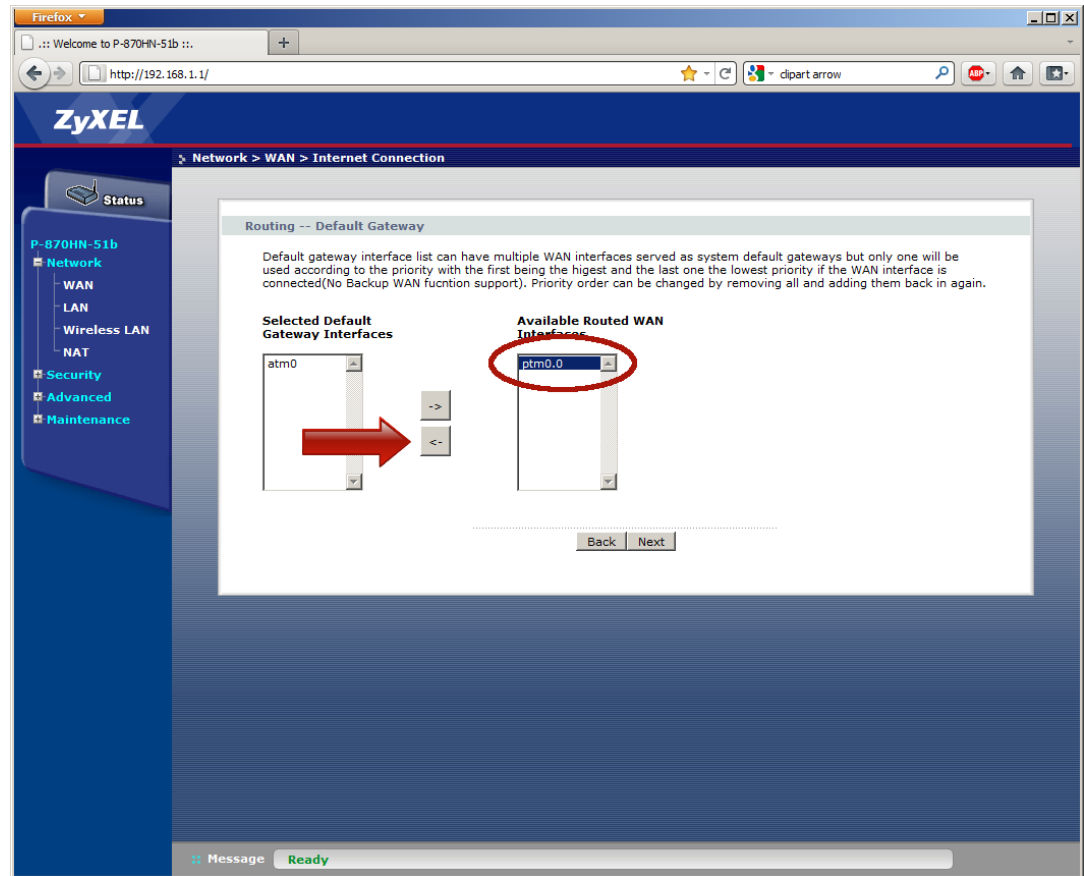




ZyXEL P-870HN-51b VDSL2 asennus

Valitse Available Routed WAN
Interfaces –laatikosta ptm0.0

Klikkaa nuoli vasemmalle -nappia

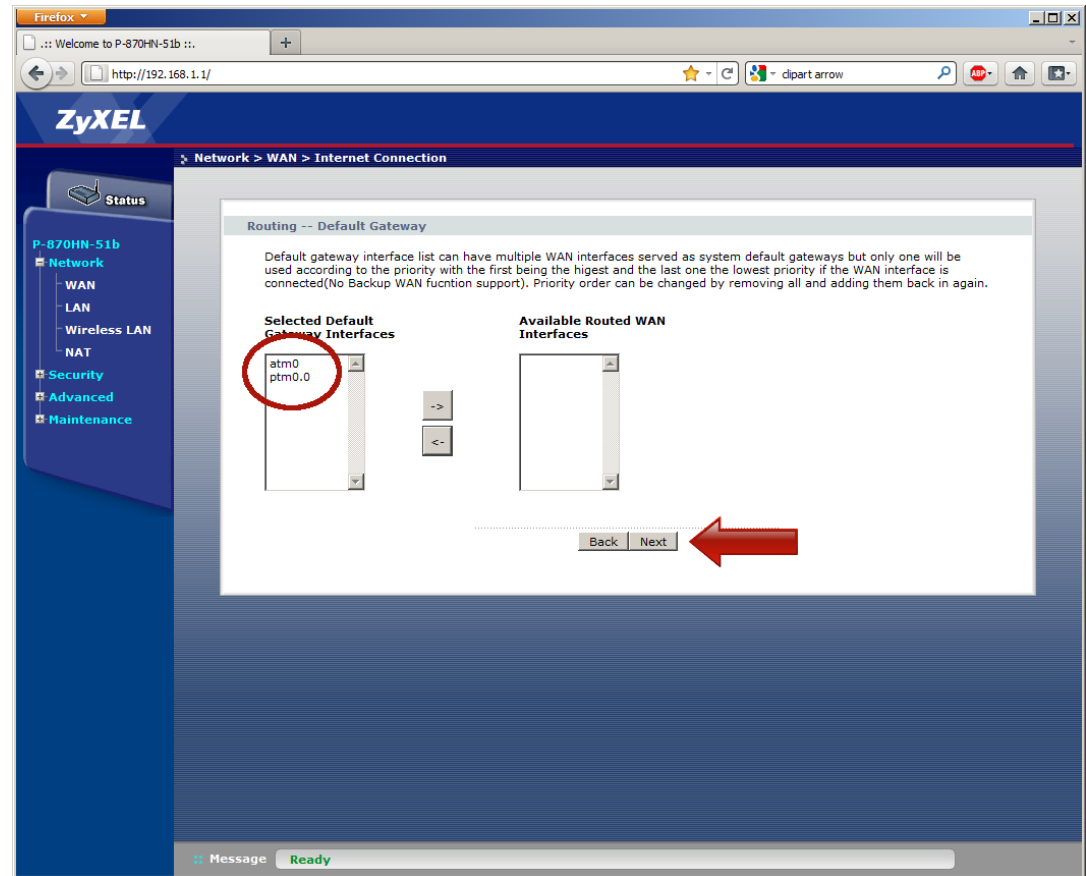




ZyXEL P-870HN-51b VDSL2 asennus

Tarkista että Selected Default Gateway Interfaces –laatikossa on atm0 ja ptm0.0

Klikkaa Next -nappia

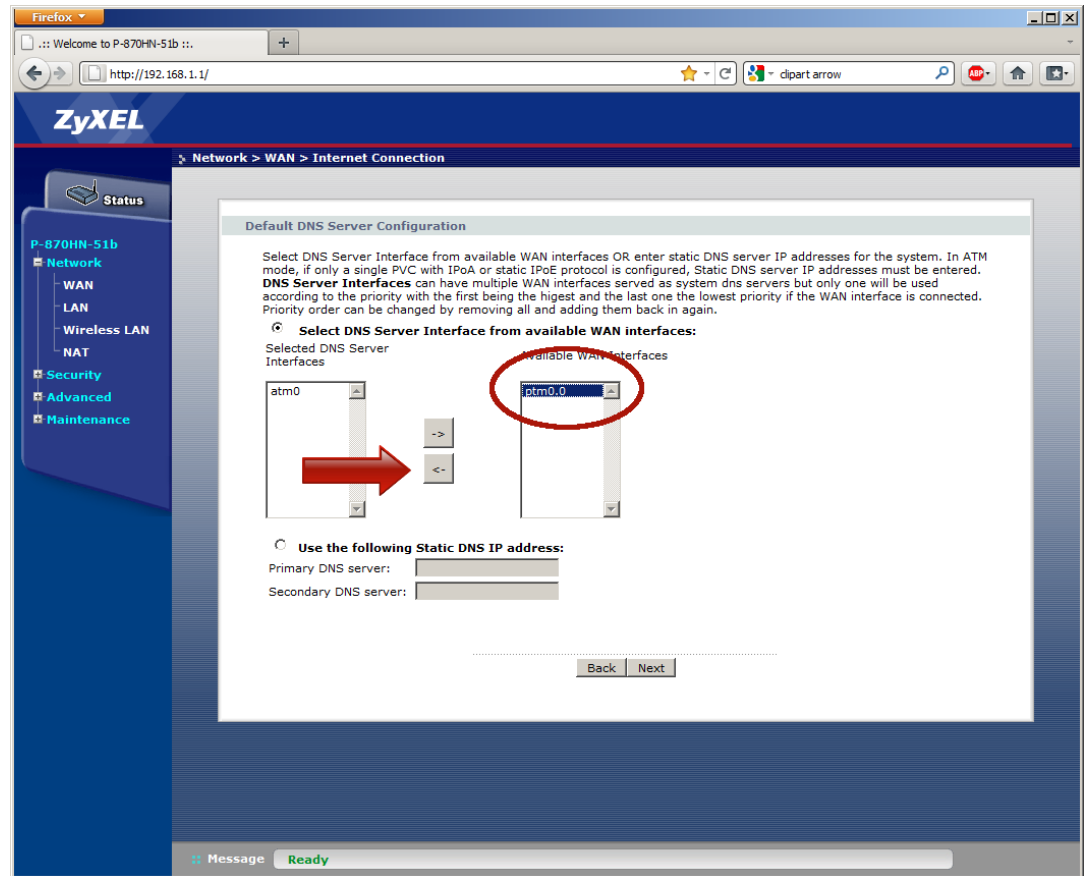




ZyXEL P-870HN-51b VDSL2 asennus

Valitse Available WAN Interfaces –
laatikosta ptm0.0

Klikkaa nuoli vasemmalle -nappia





ZyXEL P-870HN-51b VDSL2 asennus

Tarkista että Selected DNS Server
Interfaces –laatikossa on atm0 ja
ptm0.0

Klikkaa Next -nappia

The screenshot shows the ZyXEL web interface for the P-870HN-51b router. The browser address bar shows the URL `http://192.168.1.1/`. The page title is "ZyXEL" and the breadcrumb navigation is "Network > WAN > Internet Connection". The main content area is titled "Default DNS Server Configuration". It contains the following text: "Select DNS Server Interface from available WAN interfaces OR enter static DNS server IP addresses for the system. In ATM mode, if only a single PVC with IPoA or static IPoE protocol is configured, Static DNS server IP addresses must be entered. DNS Server Interfaces can have multiple WAN interfaces served as system dns servers but only one will be used according to the priority with the first being the highest and the last one the lowest priority if the WAN interface is connected. Priority order can be changed by removing all and adding them back in again." Below this text, there are two radio buttons. The first is selected and labeled "Select DNS Server Interface from available WAN interfaces:". Below this, there are two lists: "Selected DNS Server" and "Available WAN Interfaces". The "Selected DNS Server" list contains "atm0" and "ptm0.0", which are circled in red. The "Available WAN Interfaces" list is empty. There are two arrows between the lists: a right-pointing arrow and a left-pointing arrow. Below the lists, there is a second radio button labeled "Use the following Static DNS IP address:". Below this, there are two input fields: "Primary DNS server:" and "Secondary DNS server:". At the bottom of the page, there are two buttons: "Back" and "Next". A red arrow points to the "Next" button. The status bar at the bottom of the browser shows "Message Ready".



ZyXEL P-870HN-51b VDSL2 asennus

Klikkaa Apply/Save -nappia

Firefox

..: Welcome to P-870HN-51b ..: | http://192.168.1.1/

ZyXEL

Network > WAN > Internet Connection

Status

P-870HN-51b

- Network
 - WAN
 - LAN
 - Wireless LAN
 - NAT
- Security
- Advanced
- Maintenance

WAN Setup - Summary

Make sure that the settings below match the settings provided by your ISP.

Connection Type:	IPoE
Service Name:	ipoe_0_0_1.0
Service Category:	
IP Address:	Automatically Assigned
Service State:	Enabled
NAT:	Enabled
NAT Type:	Symmetric NAT
Firewall:	Enabled
Quality Of Service:	Enabled
IGMP Multicast:	Enabled

Click "Apply/Save" to have this interface to be effective. Click "Back" to make any modifications.

Back | Apply/Save

Message Ready



ZyXEL P-870HN-51b VDSL2 asennus

Klikkaa Status -linkkiä

The screenshot shows the ZyXEL web interface for the P-870HN-51b router. The browser address bar shows `http://192.168.1.1/`. The page title is "Welcome to P-870HN-51b :::". The navigation menu on the left includes "Status", "Network", "Security", "Advanced", and "Maintenance". The "Network" menu is expanded, showing "WAN", "LAN", "Wireless LAN", and "NAT". The "WAN" menu is further expanded, showing "2 Interface" and "Internet Connection". The "Internet Connection" page is displayed, showing the "Wide Area Network (WAN) Service Setup" section. Below this section is a table with columns: Interface, Description, Type, Rate, Vlan8021p, VlanMuxId, ConnId, IGMP, NAT, Firewall, and Modify. The table contains two rows of data. Below the table is an "Add" button.

Interface	Description	Type	Rate	Vlan8021p	VlanMuxId	ConnId	IGMP	NAT	Firewall	Modify
atm0	ipoe_0_8_35	ATM/IPoE	N/A	N/A	N/A	N/A	Disabled	Enabled	Enabled	
ptm0.0	ipoe_0_0_1.0	PTM/IPoE	N/A	0	0	1	Enabled	Enabled	Enabled	



ZyXEL P-870HN-51b VDSL2 asennus

Tarkista että Device Information
laatikossa on WAN 1 Information
tiedot

The screenshot shows the ZyXEL web interface for the P-870HN-51b device. The browser address bar shows <http://192.168.1.1/>. The interface has a left sidebar with navigation options: Status, Network, Security, Advanced, and Maintenance. The main content area is titled "Status" and contains several panels:

- Device Information:** Lists system details such as User Name (admin), Model Number (P-870HN-51b), MAC Address (00:23:f8:d5:ec:2a), Firmware Version (1.01(BKK.1)), and DSL Firmware Version (A2pv5C030h.d22k).
- WAN 0 Information:** Shows Mode (ATM/IPoE), IP Address (0.0.0.0), and IP Subnet Mask (0.0.0.0).
- WAN 1 Information:** This section is circled in red and shows Mode (PTM/IPoE), IP Address (0.0.0.0), and IP Subnet Mask (0.0.0.0).
- System Status:** Displays System Uptime (0 days: 0 hours:51 minutes), Current Date/Time (01 Jan 2000 00:51:25), System Mode (Routing / Bridging), CPU Usage (2.00%), and Memory Usage (66%).
- Interface Status:** A table showing the status of various interfaces.
- More Status:** Provides links to WAN Service Statistics, Route Info, WLAN Station List, xDSL Statistics, LAN Statistics, and Client List.

Interface	Status	Rate
DSL	Link Down	kbps / kbps
LAN1	Up	100M / Full
LAN2	NoLink	N/A
LAN3	NoLink	N/A
LAN4	NoLink	N/A
WLAN	Up	144M

Asennus on valmis.