

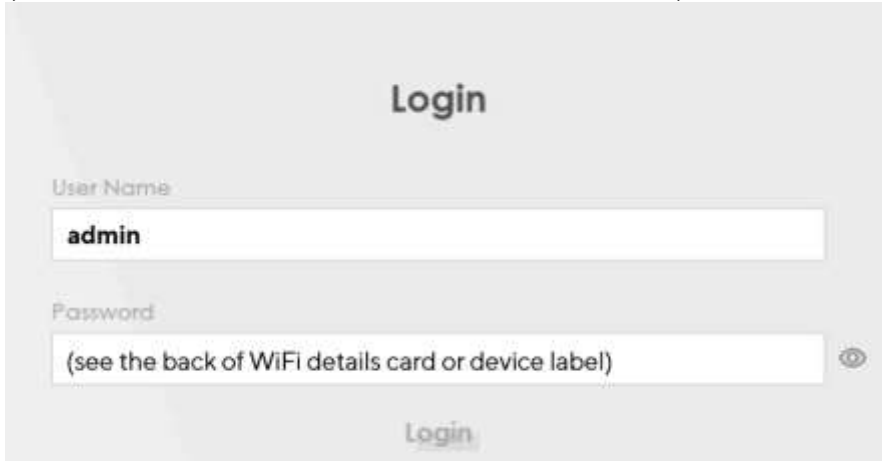
Zyxel EX5601 Detailed User Guide

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1. Accessing Hyperhub manager web configurator

To access the Hyperhub manager,

1. Make sure your Hyperhub is properly connected. Connect your computer to **Hyperhub's LAN port** using Ethernet cable, or to WiFi. Refer to Quick Start Guide for the set-up instructions.
2. Launch your web browser and go to <https://192.168.1.1/>.
3. At the login screen, enter the default user name admin and the default password (on the back of WiFi details card or device label), then click Login.



Login


User Name

Password

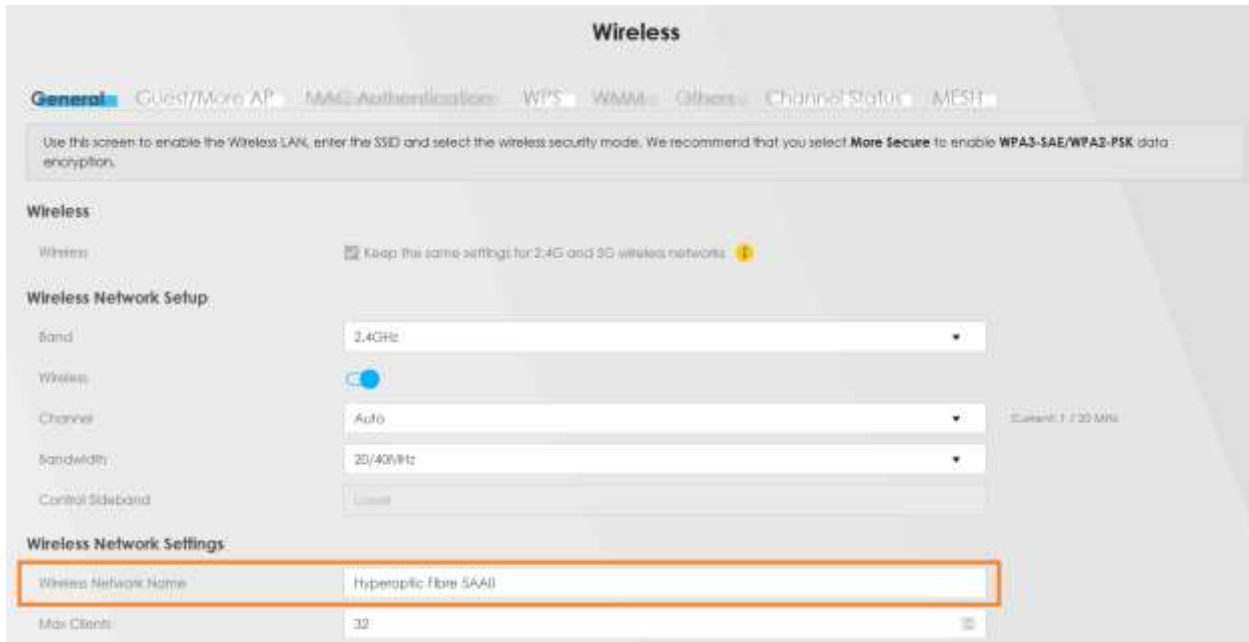
Note: during first login, you will be asked to change the password. This is optional.

4. Click the menu icon  and Connection Status to go to status dashboard.

2. Changing WiFi name (SSID) and password

After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and Network Setting → Wireless → General page.

To change the WiFi name, modify the Wireless Network Name field. Press Apply on the bottom of the page to apply the change.



Wireless

General Guest/More AP MAC Authentication WPS WMM Others Channel Status MESH

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 WPA3-SAE/WPA2-PSK data encryption.

Wireless

Wireless ☒ Keep this same settings for 2.4G and 5G wireless networks ⓘ

Wireless Network Setup

Band 2.4GHz

Wireless ☒

Channel Auto Channel: 1 / 20 MHz

Bandwidth 20/40MHz

Control Sideband Lowest


Wireless Network Settings

Wireless Network Name Hyperoptic fibre SAAI

Max Clients 32

To change the WiFi password, navigate to Security Level in General page.

Uncheck Generate password automatically and enter your desired password in the Password field. Press Apply on the bottom of the page to apply the change.



Security Level

No Security More Secure (Recommended)

Security Mode WPA3-SAE/WPA2-PSK

Protected Management Frames Capable

☐ Generate password automatically


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

Password

Strength

Cancel Apply

3. Enabling Guest WiFi

After logging into the Hyperhub manager (refer to Section 1), Click the menu icon  and Connection Status to go to status dashboard.

Under Guest WiFi Settings, turn on both 2.4G and 5G guest WiFi.



To change the Guest WiFi details, navigate to Network Setting → Wireless → Guest/More AP page.

Press the modify button  on the first Guest WiFi



Modify the Wireless Network Name field. Press OK on the bottom of the page to apply the change.




To change the Guest WiFi password, navigate to Security Level.

Uncheck Generate password automatically and enter your desired password in the Password field. Press OK on the bottom of the page to apply the change.

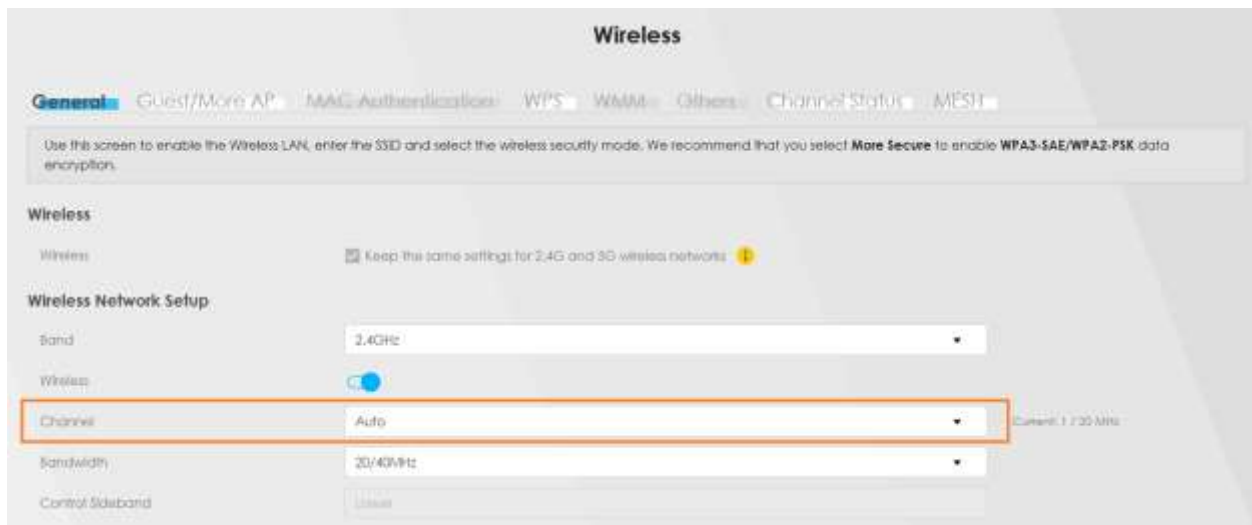


The image shows a 'Security Level' configuration window. At the top, there is a progress bar with 'No Security' on the left and 'More Secure (Recommended)' on the right. Below the bar, the 'Security Mode' is set to 'WPA3-SAE/WPA2-PSK'. The 'Protected Management Frames' option is set to 'Control'. The 'Generate password automatically' checkbox is unchecked. Below this, a text prompt says 'Enter 8-63 ASCII characters or 64 hexadecimal digits (0-9, A-F)'. The 'Password' field is highlighted with an orange border. At the bottom, there are 'Cancel' and 'Apply' buttons.

4. Changing WiFi channel

After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting → Wireless → General page.

To change the WiFi channel, select the desired channel on the Channel dropdown menu. Press Apply on the bottom of the page to apply the change.



Wireless

General Guest/More AP MAC Authentication WPS WMM Others Channel Status MESH

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 WPA3-SAE/WPA2-PSK data encryption.

Wireless

Wireless ☒ Keep this same settings for 2.4G and 5G wireless networks ⓘ

Wireless Network Setup

Band 2.4GHz

Wireless ☒

Channel Auto Current: 1735 MHz

Bandwidth 20/40MHz


Control Sideband Usual

5. Connecting device with WPS

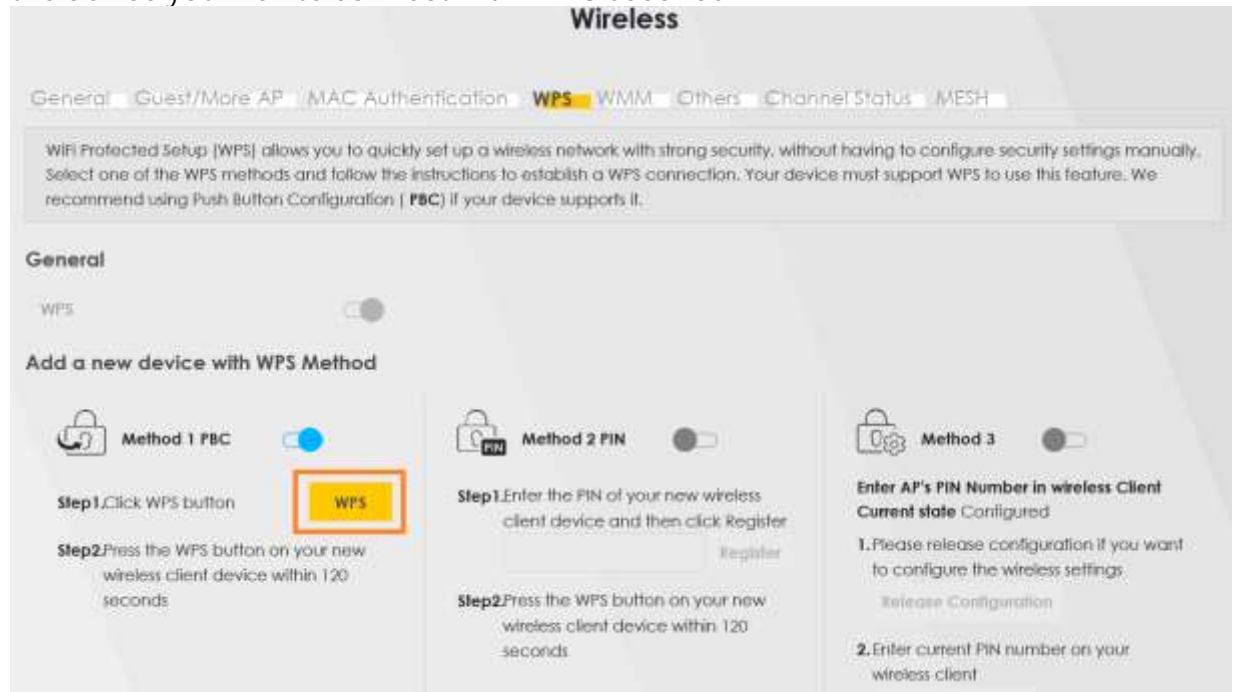
Your Hyperhub router support connection through WPS. There are two methods to connect device with WPS:

1. There is a dedicated WPS button on the left side of your Hyperhub router, below the Wi-Fi on/off button.
To connect, press the WPS button on the Hyperhub router, then press the WPS button on the device you wish to connect within 120 seconds.



2. Alternatively, after logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting → Wireless → WPS page. To connect, press the WPS button on the page, then press the WPS button on

the device you wish to connect within 120 seconds.



Wireless





General | Guest/More AP | MAC Authentication | **WPS** | WMM | Others | Channel Status | MESH

WiFi Protected Setup (WPS) allows you to quickly set up a wireless network with strong security, without having to configure security settings manually. Select one of the WPS methods and follow the instructions to establish a WPS connection. Your device must support WPS to use this feature. We recommend using Push Button Configuration (PBC) if your device supports it.


General


WPS ☐

Add a new device with WPS Method

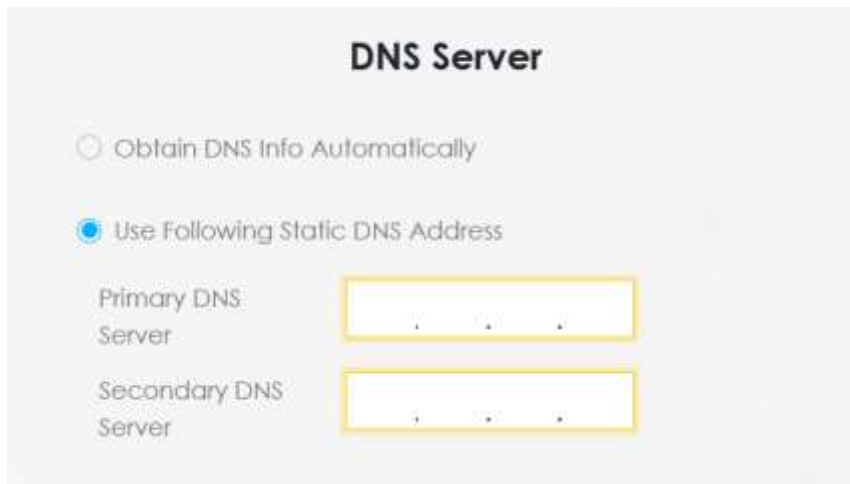
Method 1 PBC	Method 2 PIN	Method 3
 Method 1 PBC <input checked="" type="checkbox"/>	 Method 2 PIN <input type="checkbox"/>	 Method 3 <input type="checkbox"/>
Step1 Click WPS button  WPS	Step1 Enter the PIN of your new wireless client device and then click Register <input type="text"/> Register	Enter AP's PIN Number in wireless Client Current state Configured 1. Please release configuration if you want to configure the wireless settings. Release Configuration 2. Enter current PIN number on your wireless client <input type="text"/>
Step2 Press the WPS button on your new wireless client device within 120 seconds	Step2 Press the WPS button on your new wireless client device within 120 seconds	

6. Changing DNS

After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting → Broadband page.


Then, press the modify button .

At the DNS Server field, select Use Following Static DNS Address and enter the IP address of the DNS Server.



Press Apply on the bottom of the page to apply the changes.

7. UPnP

After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting → Home Networking → UPnP page.


Toggle the UPnP switch to enable / disable UPnP.



Press Apply on the bottom of the page to apply the changes.

8. Parental Control and URL Filtering

Your Hyperhub router supports limiting devices' access to Internet during specific day and times, and limiting devices' access to specific websites.


To limit the days and times a device can access the Internet, after logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Security → Parental Control page.

Toggle the Parental Control switch on, and press Add more Profile.



To limit the

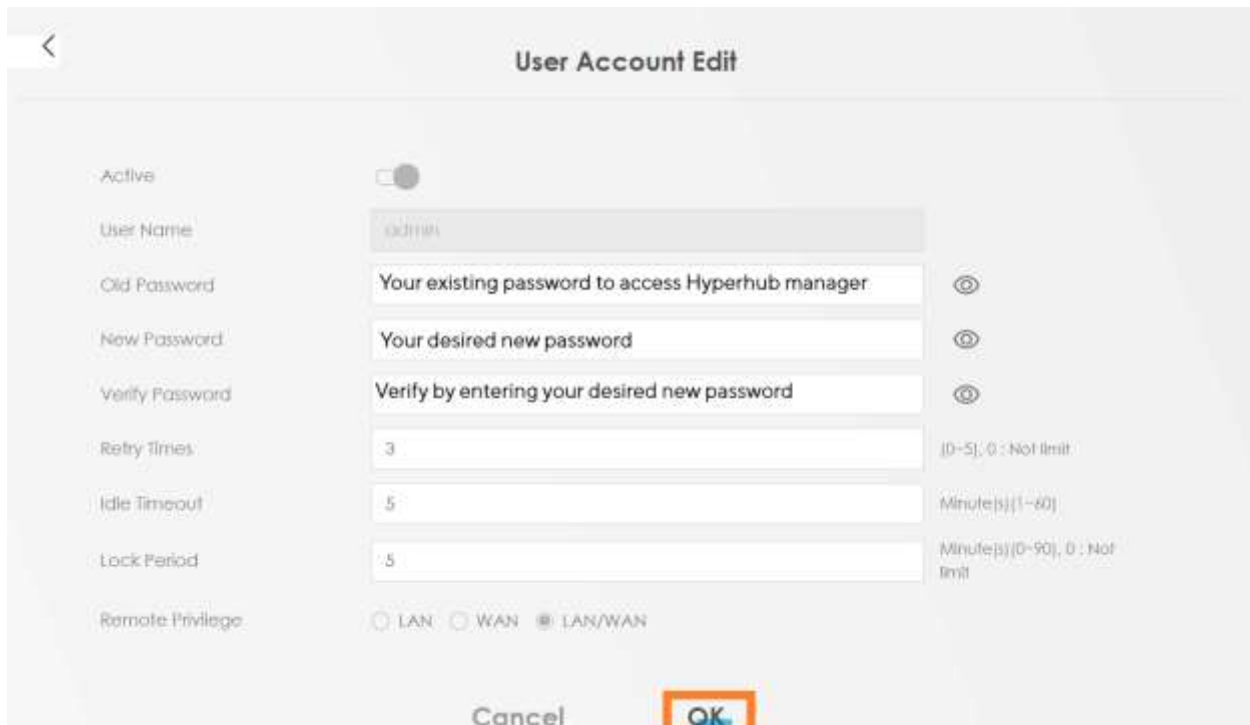
9. Changing admin password

After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Maintenance → User Account page.

Press the modify button  on the first row.




Then, enter in the fields shown below:




The image shows a 'User Account Edit' form. It includes a back arrow at the top left. The form fields are: 'Active' (toggle switch), 'User Name' (text field with 'admin'), 'Old Password' (text field with placeholder 'Your existing password to access Hyperhub manager'), 'New Password' (text field with placeholder 'Your desired new password'), 'Verify Password' (text field with placeholder 'Verify by entering your desired new password'), 'Retry Times' (text field with '3' and a range '(0-5), 0 : Not limit'), 'Idle Timeout' (text field with '5' and a range 'Minute(s) [1-60]'), 'Lock Period' (text field with '5' and a range 'Minute(s) [0-90], 0 : Not limit'), and 'Remote Privilege' (radio buttons for LAN, WAN, and LAN/WAN). At the bottom are 'Cancel' and 'OK' buttons, with the 'OK' button highlighted by an orange box.

Press OK to apply the changes.

10. Reboot / Factory Reset

To reboot your Hyperhub router, after logging into the Hyperhub manager (refer to Section 1), click the menu icon  and press Restart on the right-side bar. Then click OK to confirm.




To remotely reboot your Minihub mesh extender, after logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Maintenance → Reboot page. Press Mesh Reboot to start the process.



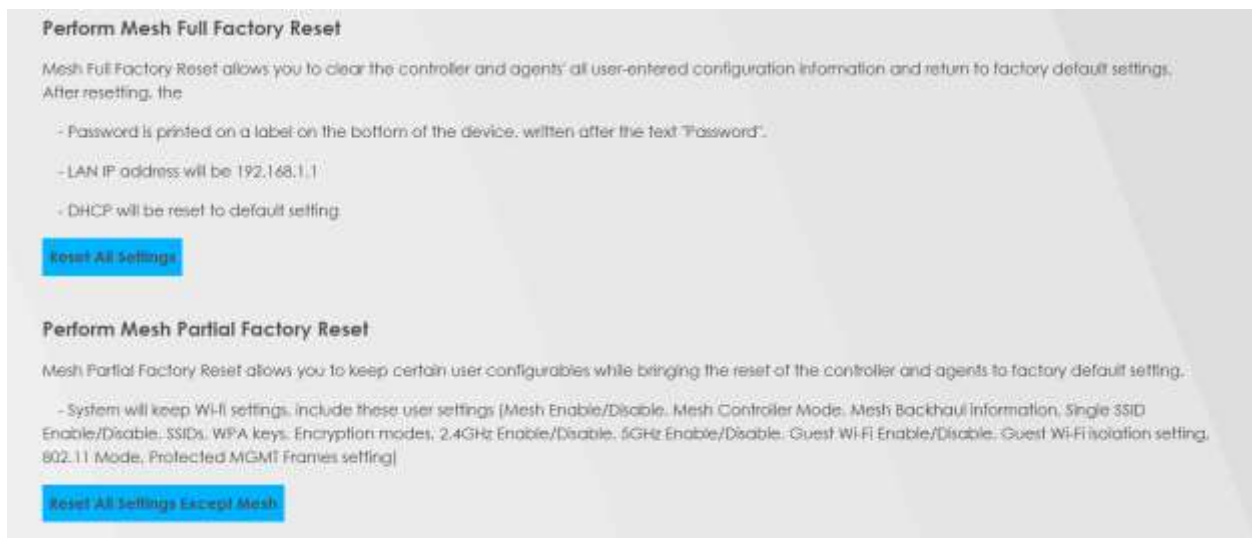
We recommend using factory reset as last resort or as instructed by our Customer Service agent as frequent use will shorten the useful life of the Hyperhub router. Factory reset will delete all configured options by you on the router.

There are two Factory Reset methods:

1. Reset the Hyperhub router while preserving the WiFi details including setting to Minihub mesh extender.
2. Reset all settings in the Hyperhub router


After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Maintenance → Backup/Restore page.

At the bottom of the page, select the type of reset you require, then press OK to confirm.



11. Configuring USB Storage

Your Hyperhub router supports sharing of USB storage devices across the home network via SMB or DLNA protocol.

After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting → USB Service page.

Here you will see File Sharing (via SMB) and Media Server (via DLNA) pages.

To share USB storage across the network, after plugging in your USB storage device to the USB port, switch on File Sharing Services. Then, press Add New Share.



Information

Volume	Capacity	Used Space
usb2_sda1	29994 MB	6226 MB

Server Configuration

File Sharing Services ☒

Share Directory List

Active	Status	Share Name	Share Path	Share Description	Modify
<input checked="" type="checkbox"/>		-	/mnt/usb2_sda1/	Test USB	


Account Management

Status	User Name
	admin

Buttons: Add New Share, Add New User

Select the storage volume from Volume list, and at the Share Path, click Browse to select a subfolder to share (default is sharing the whole volume). Enter a description and select either Public (no further authentication required) or Security (requires entering the user name and password when accessing) from the Access Level list.

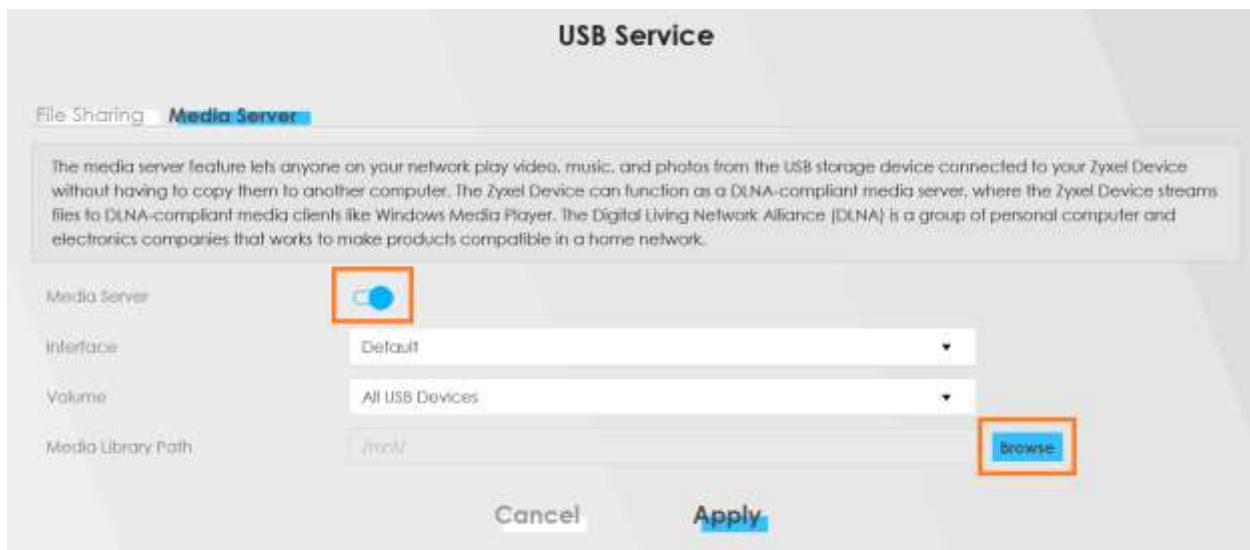
Click OK to confirm, then Apply to confirm the changes.



The 'Add New Share' dialog box contains the following fields and controls:

- Volume:** A dropdown menu with 'usb2_sda1' selected.
- Share Path:** A text input field with a 'Browse' button to its right.
- Description:** A text input field.
- Access Level:** A dropdown menu with 'Public' selected.
- Buttons:** 'Cancel' and 'OK' buttons at the bottom.

To share video, music and photo from the USB storage, switch on Media Server and click Browse to select the folder to share. Press Apply to confirm.



The 'USB Service' configuration page shows the 'Media Server' tab selected. It includes a descriptive text block and several configuration fields:

- Media Server:** A toggle switch, currently turned on (highlighted with an orange box).
- Interface:** A dropdown menu with 'Default' selected.
- Volume:** A dropdown menu with 'All USB Devices' selected.
- Media Library Path:** A text input field with '/root/' and a 'Browse' button to its right (highlighted with an orange box).
- Buttons:** 'Cancel' and 'Apply' buttons at the bottom.

12.Port Forwarding

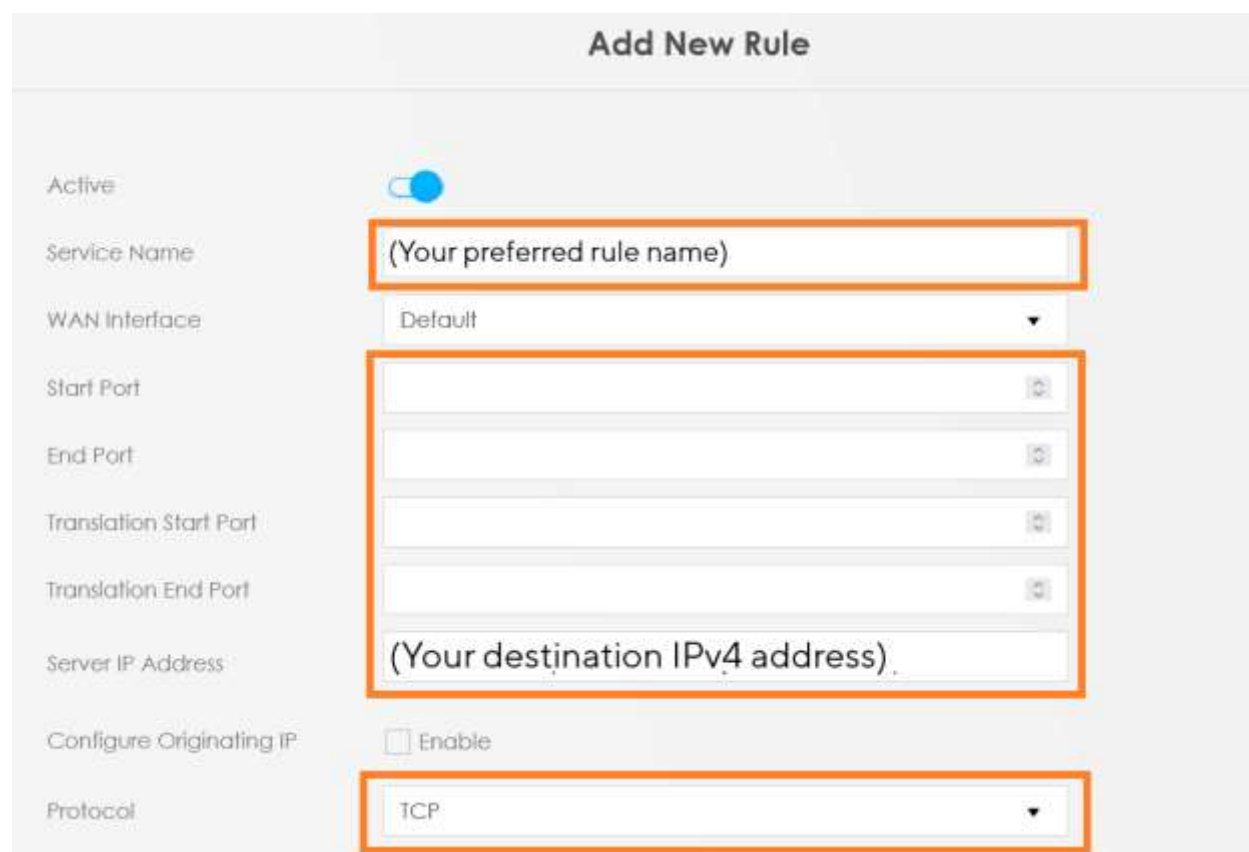
After logging into the Hyperhub manager (refer to Section 1), click the menu icon



and navigate to Network Setting → NAT → Port Forwarding page.

Press Add New Rule to configure port forwarding.


At the page, enter the rule name in Service Name field, the preferred port or port range to forward or translate, and protocol (TCP or UDP or both). Press OK to confirm the configuration.

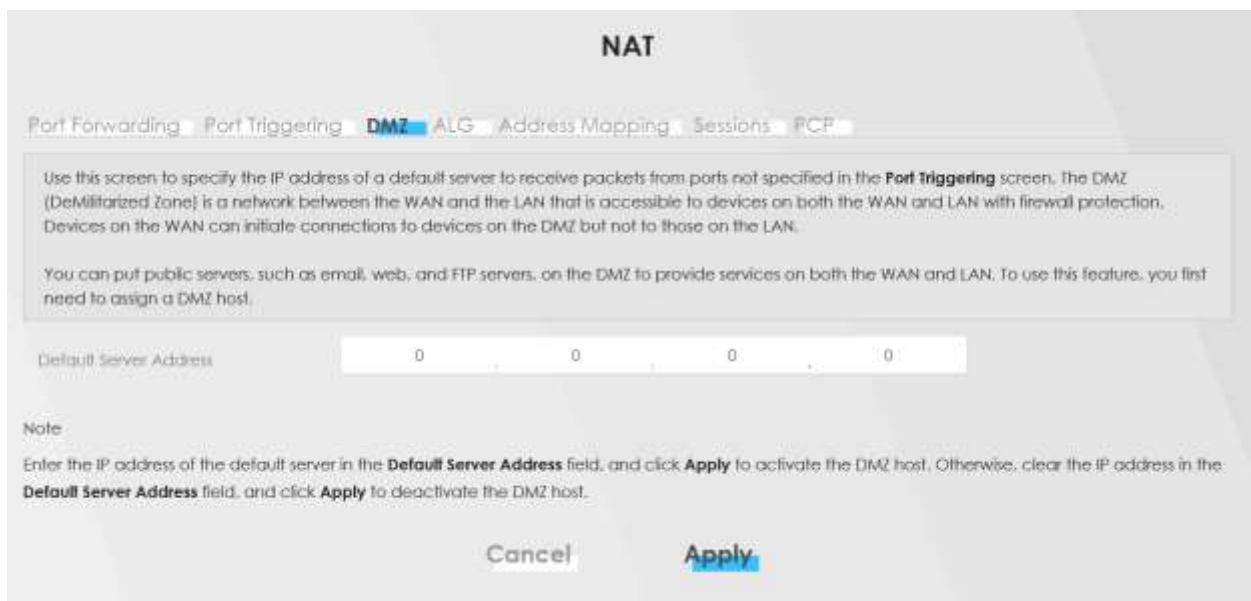


Note: TCP port 7547 is reserved for system use.

13.DMZ

You can put your public servers on the DMZ to provide service on both WAN and LAN side. The DMZ (DeMilitarized Zone) is a network between WAN and LAN that is accessible to devices on both sides with firewall protection.

To use this feature, you need to first assign a DMZ host. After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting → NAT → DMZ page. Enter the IPv4 address of the server that will receive packets from ports not specified in Port Forwarding page (refer to section 12). Then press Apply to activate.




To deactivate DMZ, remove the IPv4 address, and press Apply.

Note: Placing LAN devices in DMZ can pose a cybersecurity risk if the IPv4 address is incorrectly set. Please proceed with caution.

14. Configuring static IP to client – DHCP Binding

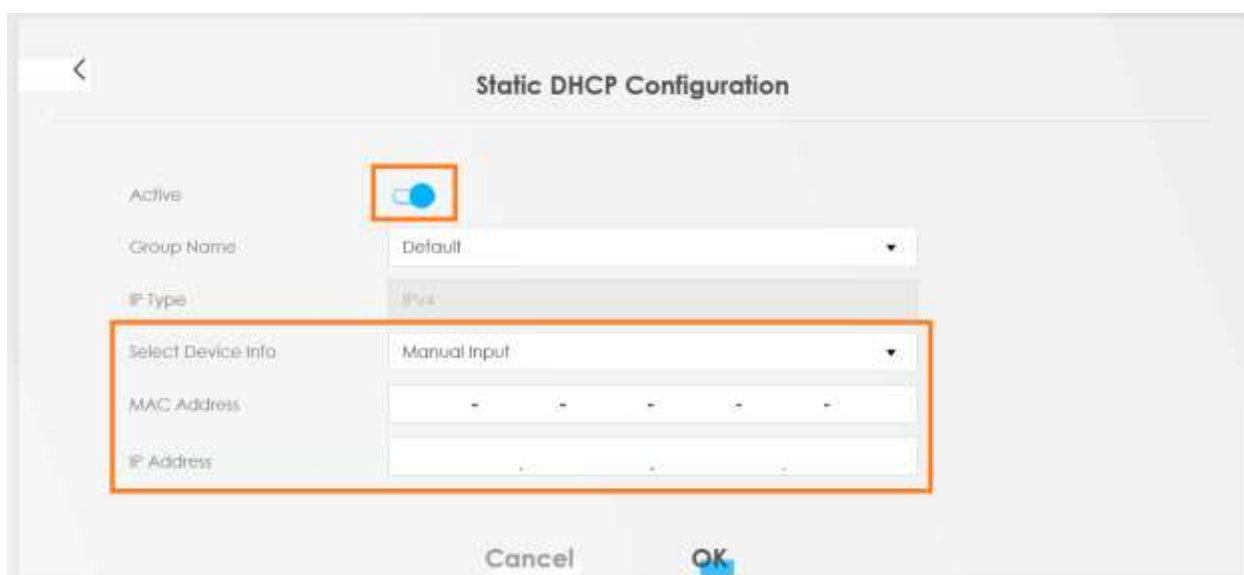
You can specify fixed IPv4 addresses on your network to specific devices.

After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting → NAT → Port Forwarding page. Press Static DHCP Configuration.

At the next page, switch on Active and either:

- Select the device that is connected via LAN or Wi-Fi from the Select Device Info menu; or
- Manually enter the device MAC address

Then, enter the desired IPv4 address for the device. Press OK to confirm.



The image shows a 'Static DHCP Configuration' dialog box. It has a title bar with a back arrow and the title 'Static DHCP Configuration'. The dialog contains several fields: 'Active' with a toggle switch (highlighted with an orange box), 'Group Name' with a dropdown menu showing 'Default', 'IP Type' with a dropdown menu showing 'IPv4', 'Select Device Info' with a dropdown menu showing 'Manual Input' (highlighted with an orange box), 'MAC Address' with a text input field, and 'IP Address' with a text input field. At the bottom, there are 'Cancel' and 'OK' buttons. The 'OK' button is highlighted with a blue box.

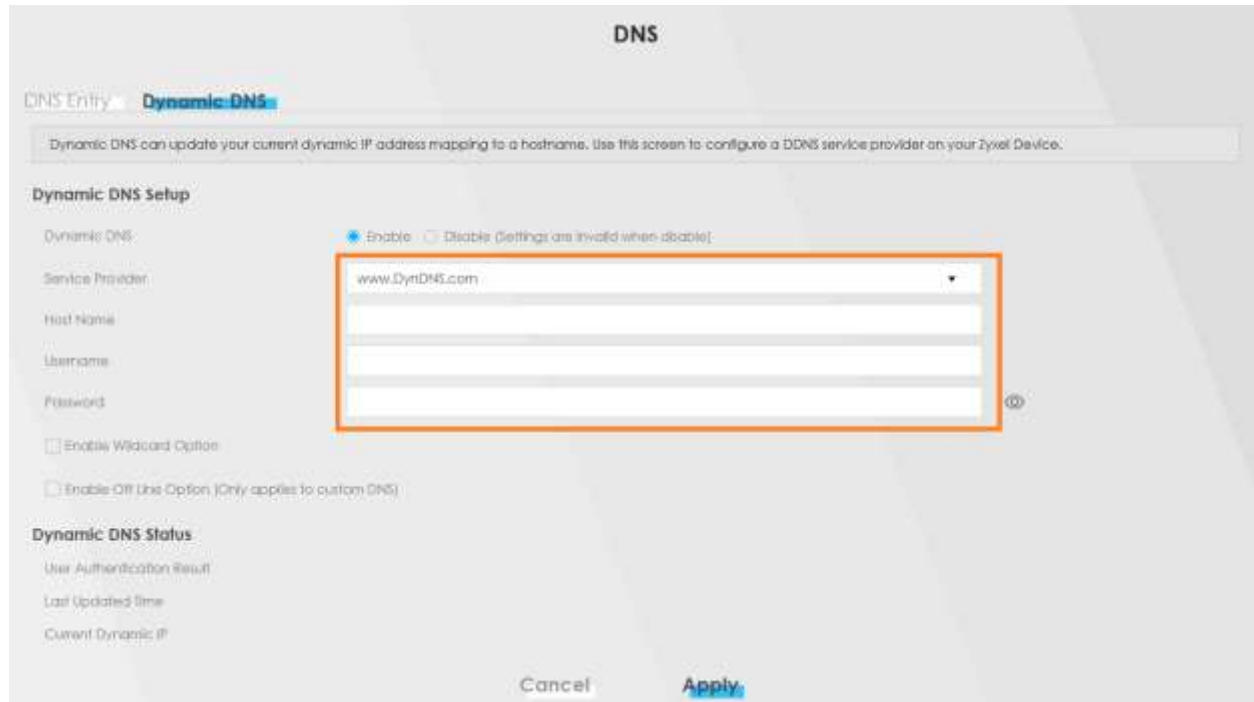
15. Dynamic DNS

After logging into the Hyperhub manager (refer to Section 1), click the menu icon



and navigate to Network Setting → DNS → Dynamic DNS page.

Select from one of the supported Dynamic DNS service providers on the Service Provider list and enter the host name (the URL to be handled by the service provider) and login credentials. Press Apply to confirm.



DNS

Dynamic DNS

Dynamic DNS can update your current dynamic IP address mapping to a hostname. Use this screen to configure a DNS service provider on your Zyxel Device.

Dynamic DNS Setup

Dynamic DNS: ☒ Enable ☐ Disable (Settings are invalid when disable)

Service Provider:

Host Name:

Username:

Password:

☐ Enable Wildcard Option

☐ Enable Off Line Option (Only applies to custom DNS)

Dynamic DNS Status

User Authentication Result:

Last Updated Time:

Current Dynamic IP:

Cancel Apply