



## ZTE H3600 Detailed User Guide

## Contents

WebGUI Login Page .....	2
Change of DNS (admin account).....	3
UPnP router configuration (admin account).....	5
Parental control (admin account) .....	6
LAN Clients Status (admin account).....	7
Wi-Fi password and SSID change (admin account).....	8
Adding new SSID (admin account).....	10
Wi-Fi Channel change (admin account) .....	12
WPS connection (admin account).....	14
Change of admin credentials (admin account).....	14
USB Storage (admin account) .....	15
Reboot and factory reset (admin account).....	18
Port forwarding (admin account).....	19
DMZ (admin account) .....	20
IPv6 Filters (admin account) .....	21
DHCP Binding (admin account).....	22
DDNS (admin account).....	24

## WebGUI Login Page

To access the router and configure it open web browser such as Google Chrome, Microsoft Edge, Mozilla Firefox, Opera or any similar application. Type **192.168.1.1** in the address bar of the browser. Login photo illustrates window that will appear on screen. For **Username** type **admin**, for **Password** type password listed on the back of the router. Once all fields are populated, press **Login**.

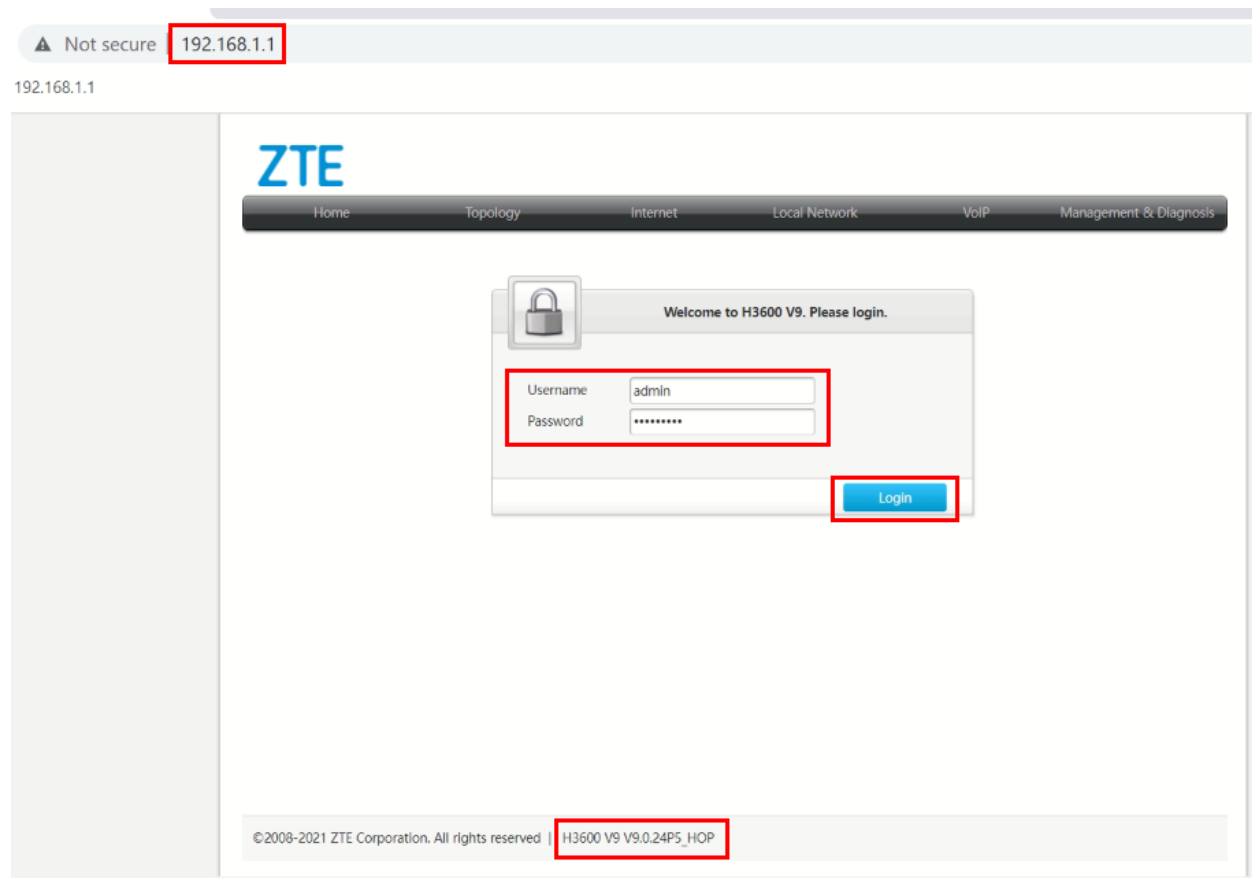
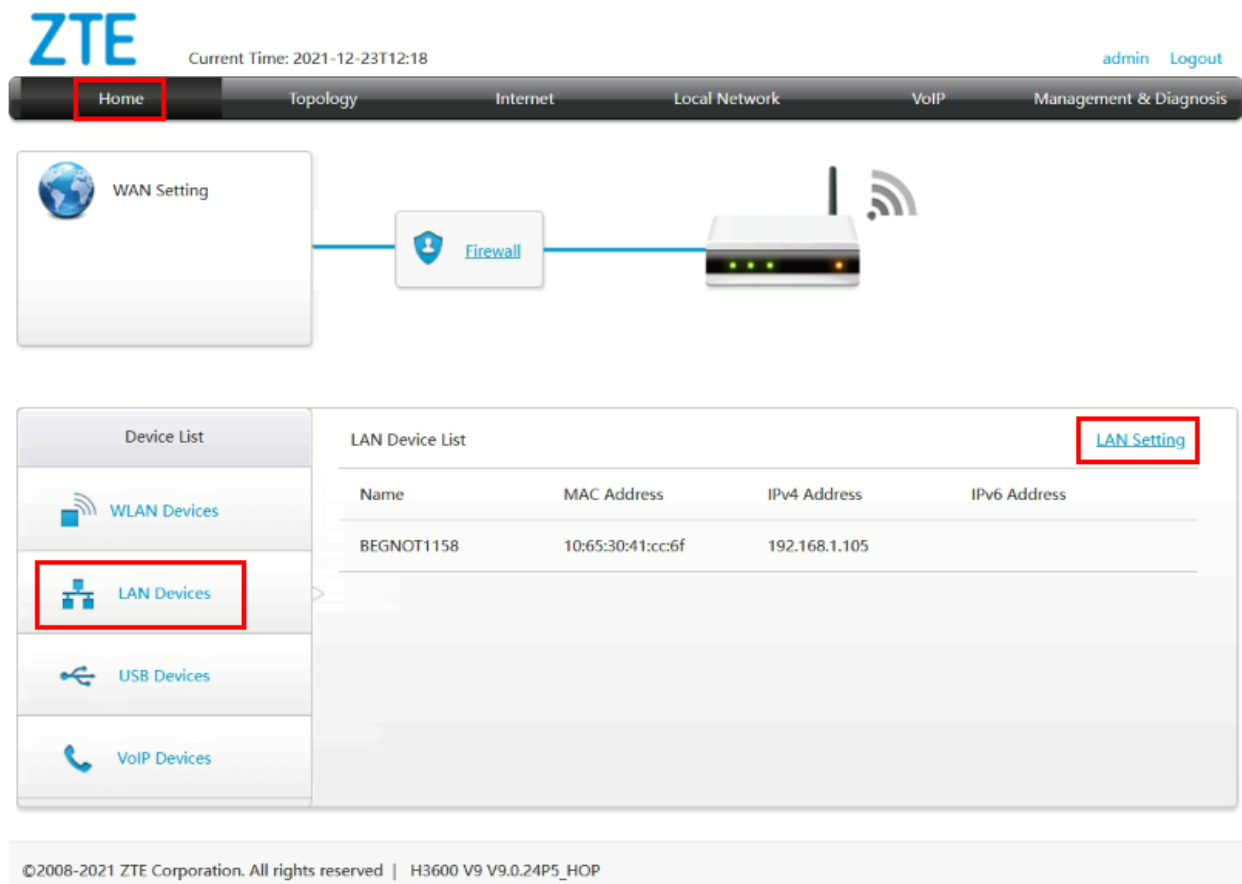


Image 1. - Router H3600 Login Page

Useful information is a **software version** on the bottom of the page for easy verification.

## Change of DNS (admin account)

User can change DNS properties for local LAN clients. To configure change, navigate to section **Home > LAN Devices**. Click on **LAN Settings**. This is illustrated in image. By default, router uses two Hyperoptic DNS servers which provide redundancy and address resolution mechanism. These servers communicate directly with WAN ethernet router port and provide means for swift browsing.



The screenshot shows the ZTE H3600 web interface. At the top, the ZTE logo is on the left, the current time is 2021-12-23T12:18, and 'admin Logout' is on the right. A navigation bar contains 'Home', 'Topology', 'Internet', 'Local Network', 'VoIP', and 'Management & Diagnosis'. Below this is a 'WAN Setting' section with a globe icon, a 'Firewall' section with a shield icon, and a router icon. The main content area is titled 'Device List' and contains a sidebar with 'WLAN Devices', 'LAN Devices', 'USB Devices', and 'VoIP Devices'. The 'LAN Devices' section is selected and highlighted with a red box. To the right, the 'LAN Device List' table is shown with columns for Name, MAC Address, IPv4 Address, and IPv6 Address. A single device is listed with Name 'BEGNOT1158', MAC Address '10:65:30:41:cc:6f', and IPv4 Address '192.168.1.105'. A 'LAN Setting' link is highlighted with a red box in the top right corner of the table area. At the bottom, a footer contains the copyright information: '©2008-2021 ZTE Corporation. All rights reserved | H3600 V9 V9.0.24P5\_HOP'.

Name	MAC Address	IPv4 Address	IPv6 Address
BEGNOT1158	10:65:30:41:cc:6f	192.168.1.105	

Image 2. - Section of LAN Settings

Window as described in the following image should appear. Click on **DHCP Server** section. Edit **Primary DNS** and/or **Secondary DNS**. In image 2, DNS server with IPv4 address 8.8.8.8 is used. Once configuration change is made click **Apply** to save settings.

**ZTE** Current Time: 2021-12-23T13:08 admin Logout

Home Topology Internet **Local Network** VoIP Management & Diagnosis

Status  
WLAN  
**LAN**  
FTP  
UPnP  
DMS  
DNS

IPv4

### Page Information

This page provides the function of LAN (IPv4) parameter(s) configuration.

▼ Allocated Address (DHCP)

Host Name	MAC Address	IP Address	Port	Remaining Lease
atadeviced4:b7:09:3f...	d4:b7:09:3f:f9:e5	192.168.1.100	LAN3	13h 50min 51s
atadeviced4:b7:09:3f...	d4:b7:09:3f:fb:9d	192.168.1.101	LAN3	13h 50min 58s
Galaxy-S21-5G	46:26:e4:95:e0:db	192.168.1.102	SSID5	19h 24min 53s
BEGNOT1158	10:65:30:41:cc:6f	192.168.1.105	LAN1	21h 50min 54s

Refresh

▼ DHCP Server

DHCP Server  On  Off

LAN IP Address 192 . 168 . 1 . 1

Subnet Mask 255 . 255 . 255 . 0

Secondary IP  On  Off

DHCP Start IP Address 192 . 168 . 1 . 100

DHCP End IP Address 192 . 168 . 1 . 254

ISP DNS  On  Off

Primary DNS 8 . 8 . 8 . 8

Secondary DNS 0 . 0 . 0 . 0

Lease Time Mode Custom

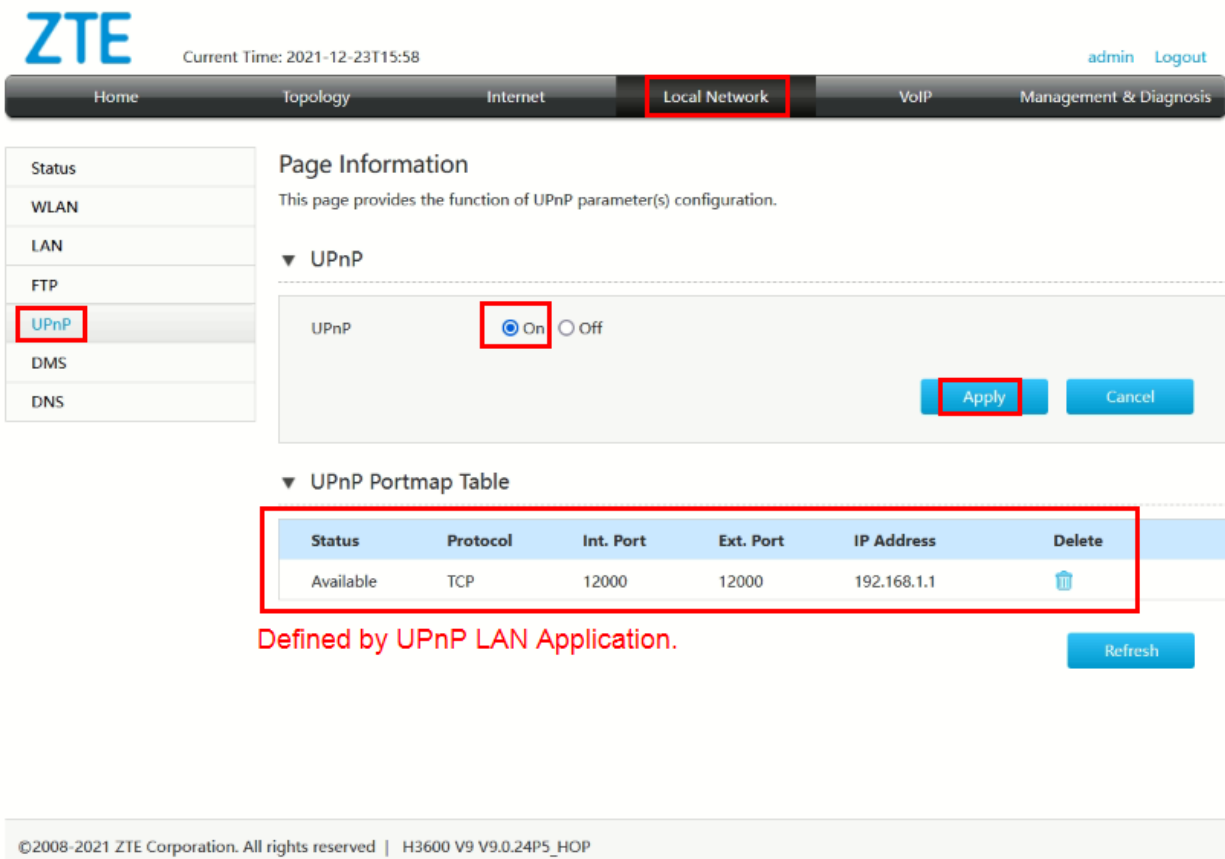
Custom Lease Time 86400 s

Apply Cancel

Image 3. - DNS change section of router configuration

## UPnP router configuration (admin account)


Configuration of the router can be done via UPnP LAN client application. To enable this service, navigate to **Local Network** > **UPnP**. Click **On** to activate UPnP service. Click **Apply**. In example described in image, UPnP is used to configure port forwarding. UPnP service can be used for easier and more convenient router configuration. PortMapper Windows application is one example of such app. If no UPnP application is used, UPnP should be set to **Off**. Default UPnP setting is **Off**.



The screenshot shows the ZTE H3600 router web interface. The top navigation bar includes 'Home', 'Topology', 'Internet', 'Local Network' (highlighted with a red box), 'VoIP', and 'Management & Diagnosis'. The 'Local Network' menu is expanded, and the 'UPnP' option is selected (highlighted with a red box). The main content area shows the 'UPnP' configuration page. The 'UPnP' status is set to 'On' (radio button selected, highlighted with a red box). Below this, there is an 'Apply' button (highlighted with a red box) and a 'Cancel' button. The 'UPnP Portmap Table' section contains a table with one entry. Below the table, the text 'Defined by UPnP LAN Application.' is displayed in red, and a 'Refresh' button is visible.

**UPnP**  On  Off

**Apply** **Cancel**

Status	Protocol	Int. Port	Ext. Port	IP Address	Delete
Available	TCP	12000	12000	192.168.1.1	

Defined by UPnP LAN Application.

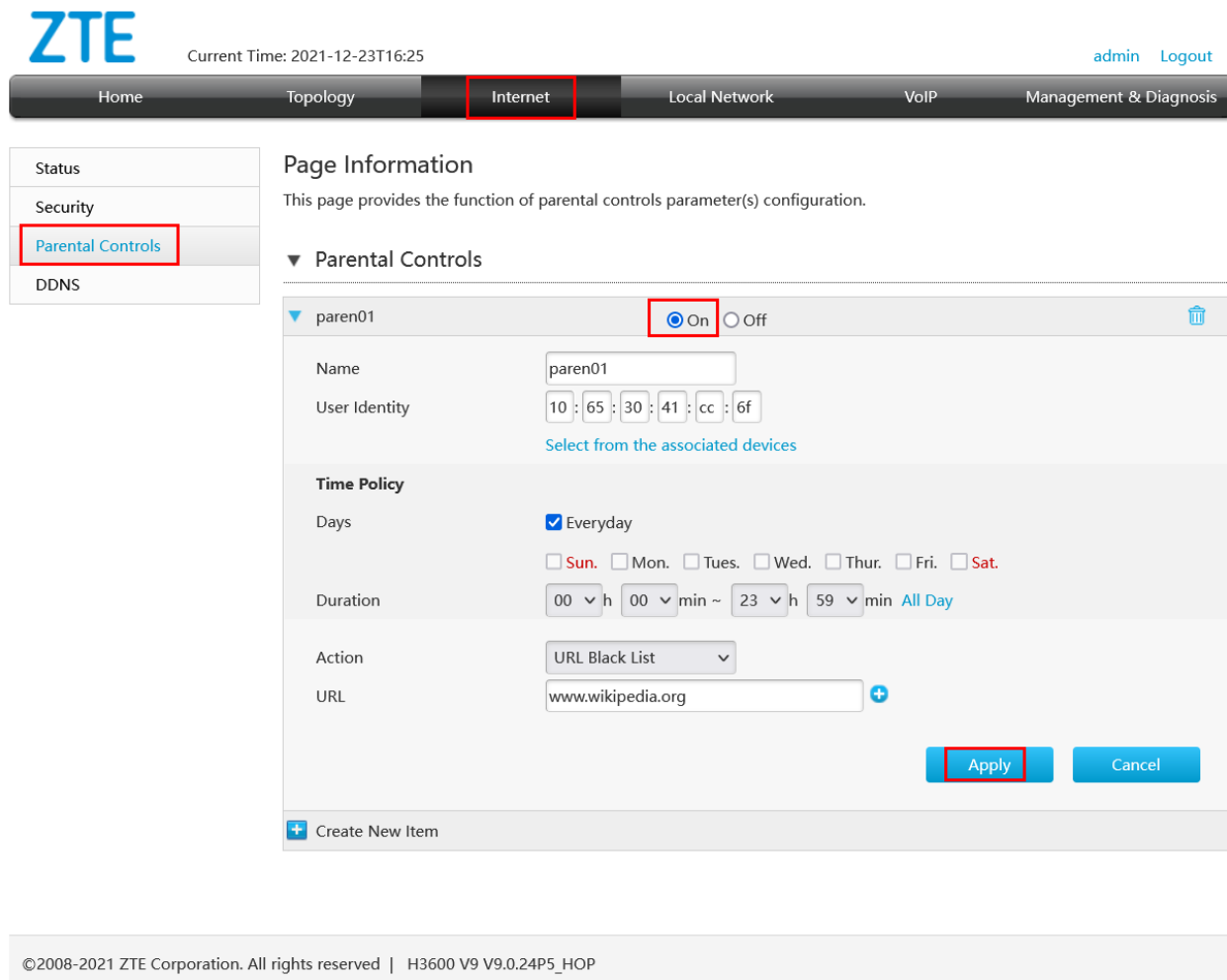
**Refresh**

©2008-2021 ZTE Corporation. All rights reserved | H3600 V9 V9.0.24P5\_HOP

Image 4. Enabling UPnP

## Parental control (admin account)

To block access to certain sites with certain content parental control feature can be used. This feature can block LAN client access to sensitive data on web. Restricted access to sites can be achieved using this feature. Please navigate to **Internet > Parental Controls**. Click on **Parental Controls** section. Use arbitrary name for the parental control rule. List **MAC address** of LAN client is in the section **User Identity**. Check relevant time/date configuration. Sites can be blocked using a keyword or using a URL of a site. Example of blocking configuration is described in image 5. Content listed in blacklist will be blocked. After configuring all parameters click **Apply**. **Important notice: In order for filter URL to become active make sure to reboot the router and to clear cache on a Browser.**



**ZTE** Current Time: 2021-12-23T16:25 admin Logout

Home Topology **Internet** Local Network VoIP Management & Diagnosis

Status  
Security  
**Parental Controls**  
DDNS

### Page Information

This page provides the function of parental controls parameter(s) configuration.

#### Parental Controls

▼ paren01  On  Off 🗑️

Name: paren01

User Identity: 10 : 65 : 30 : 41 : cc : 6f  
[Select from the associated devices](#)

#### Time Policy

Days:  Everyday  
 Sun.  Mon.  Tues.  Wed.  Thur.  Fri.  Sat.

Duration: 00 h 00 min ~ 23 h 59 min [All Day](#)

Action: URL Black List

URL: www.wikipedia.org +

**Apply** **Cancel**

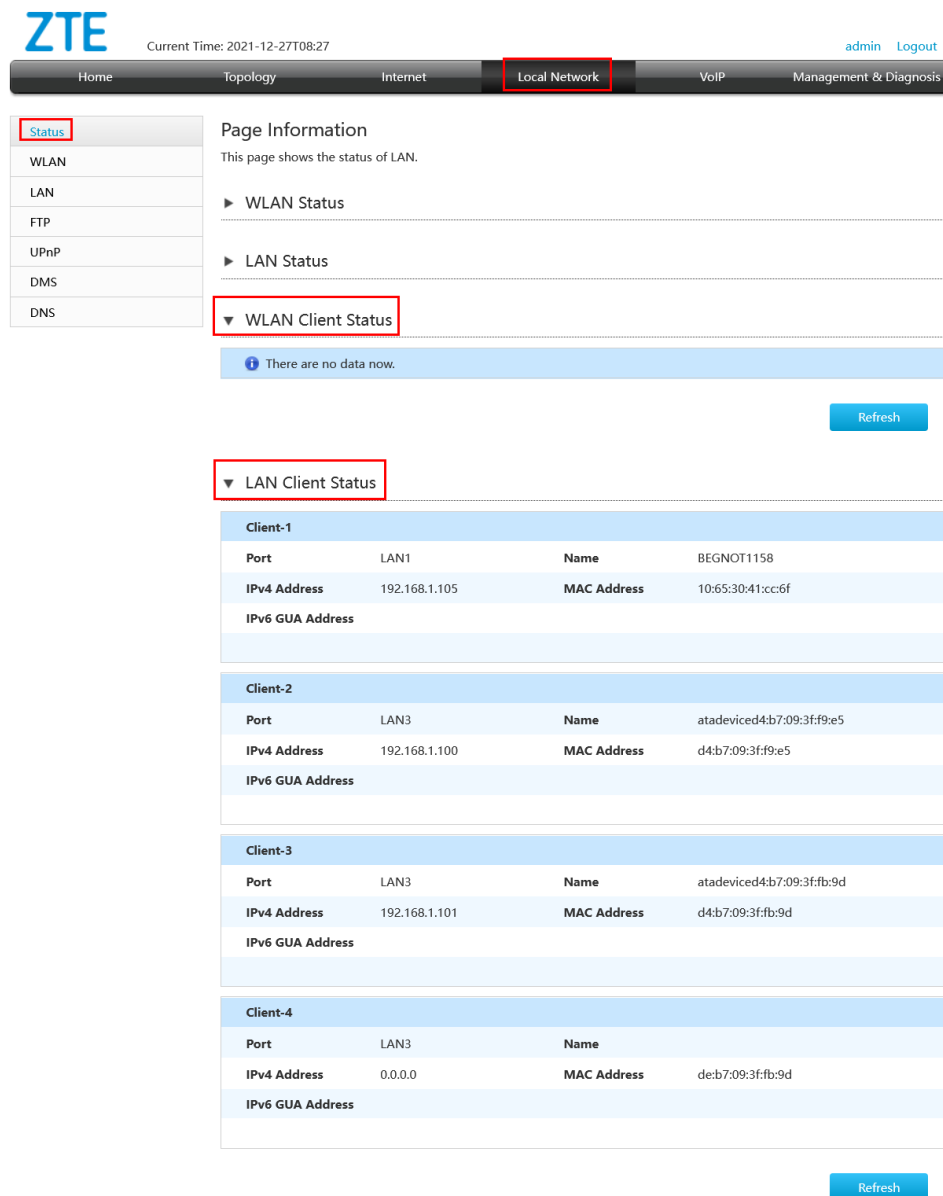
+ Create New Item

©2008-2021 ZTE Corporation. All rights reserved | H3600 V9 V9.0.24P5\_HOP

Image 5. Example of URL blocking to Wikipedia.org

## LAN Clients Status (admin account)

Number of LAN clients can be checked via router UI. To check leased IPv4 addresses and to check which clients are connected via ethernet or via Wi-Fi, navigate to section **Local Network** > **Status** > **WLAN Client Status** and **LAN Client Status**. This is described in image 6. By checking this section of router web UI, all connected devices can be seen – all devices that use router's Wi-Fi and Ethernet network.



**ZTE** Current Time: 2021-12-27T08:27 admin Logout

Home Topology Internet **Local Network** VoIP Management & Diagnosis

**Status** (highlighted)

- WLAN
- LAN
- FTP
- UPnP
- DMS
- DNS

**Page Information**  
This page shows the status of LAN.

- ▶ WLAN Status
- ▶ LAN Status
- ▼ **WLAN Client Status** (highlighted)

There are no data now. Refresh

- ▼ **LAN Client Status** (highlighted)

Client-1			
Port	LAN1	Name	BEGNOT1158
IPv4 Address	192.168.1.105	MAC Address	10:65:30:41:cc:6f
IPv6 GUA Address			

Client-2			
Port	LAN3	Name	atadeviced4b7:09:3f:f9:e5
IPv4 Address	192.168.1.100	MAC Address	d4:b7:09:3f:f9:e5
IPv6 GUA Address			

Client-3			
Port	LAN3	Name	atadeviced4b7:09:3f:fb:9d
IPv4 Address	192.168.1.101	MAC Address	d4:b7:09:3f:fb:9d
IPv6 GUA Address			

Client-4			
Port	LAN3	Name	
IPv4 Address	0.0.0.0	MAC Address	de:b7:09:3f:fb:9d
IPv6 GUA Address			

Refresh

Image 6. – LAN/WLAN Client Status



## Wi-Fi password and SSID change (admin account)

To change SSID (name of Wi-Fi network) and/or Wi-Fi password navigate to section **Local Network > WLAN > WLAN Basic > WLAN SSID Configuration**. Window should be like one described in image 7. **SSID name** and **WPA Passphrase** can be user defined. After defining parameters click **Apply**.

In order to allow band steering mechanism on a device it is highly recommended to set the same SSID and password for both 2.4GHz and 5GHz SSID.

**Band steering** – Capability of a device to automatically connect device to a appropriate SSID thus, enhancing spectrum efficiency. Example, if old device is being used, it will be connected to 2.4GHz in order to allow modern devices to be connected to 5GHz allowing more bandwidth. Band steering is always enabled on a device and can't be disabled. It will be active once SSID and Password is matching for 2.4GHz and 5GHz radio bands.

By default, WPA2/WPA3 is set and this is the best setup which will also allow connection of new devices which are supporting latest WPA3 security mechanism.

**WPA3** – It uses same setup as WPA2 (passphrase) but will use more secured mechanism to manage passwords. It is recommended to use WPA3 on a device as long as it supports it.

**It is not recommended to use old WPA security when doing manual setup as it is a security compromised authentication.**

**ZTE** Current Time: 2021-12-27T08:33 admin Logout

Home    Topology    Internet    **Local Network**    VoIP    Management & Diagnosis

Status
<b>WLAN</b>
LAN
FTP
UPnP
DMS
DNS

- WLAN Basic**
- WLAN Advanced
- WLAN Radar

### Page Information

This page provides the function of WLAN basic parameter(s) configuration.

- ▶ WLAN On/Off Configuration
- ▶ WLAN Global Configuration

### ▼ WLAN SSID Configuration

[How to select a suitable encryption type?](#)

▼ SSID1 (2.4GHz)  On  Off

SSID Name:

SSID Hide:  On  Off

Encryption Type:

WPA Passphrase:

show password

SSID Isolation:  On  Off

▶ SSID2 (2.4GHz)  On  Off

▶ SSID3 (2.4GHz)  On  Off

▶ SSID4 (2.4GHz)  On  Off

▼ SSID5 (5GHz)  On  Off

SSID Name:

SSID Hide:  On  Off

Encryption Type:

WPA Passphrase:

show password

SSID Isolation:  On  Off

Image 7. - WLAN SSID/Password configuration

## Adding new SSID (admin account)

To create new SSID navigate to section **Local Network > WLAN > WLAN SSID Configuration**. Creating a SSID is simple, just enable it by clicking **On** button in line with SSID that needs to be enabled. In image 8, it's illustrated how to create new 2.4GHz SSID and 5GHz SSID. New created SSIDs will be visible in home environment, if they are enabled.

Again, same rule as in previous chapter is recommended: Use same SSID name and Password for both bands to allow band steering.

Status
<b>WLAN</b>
LAN
FTP
UPnP
DMS
DNS

- WLAN Basic
- WLAN Advanced
- WLAN Radar

### Page Information

This page provides the function of WLAN basic parameter(s) configuration.

- ▶ WLAN On/Off Configuration
- ▶ WLAN Global Configuration

### ▼ WLAN SSID Configuration

[How to select a suitable encryption type?](#)

▶ SSID1 (2.4GHz)	<input checked="" type="radio"/> On <input type="radio"/> Off
▼ SSID2 (2.4GHz)	<input checked="" type="radio"/> On <input type="radio"/> Off
SSID Name	<input type="text" value="NewSSID"/>
SSID Hide	<input type="radio"/> On <input checked="" type="radio"/> Off
Encryption Type	WPA2-PSK/WPA3-SAE
WPA Passphrase	••••••
<input type="checkbox"/> show password	
SSID Isolation	<input type="radio"/> On <input checked="" type="radio"/> Off
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	
▶ SSID3 (2.4GHz)	<input type="radio"/> On <input checked="" type="radio"/> Off
▶ SSID4 (2.4GHz)	<input type="radio"/> On <input checked="" type="radio"/> Off
▶ SSID5 (5GHz)	<input checked="" type="radio"/> On <input type="radio"/> Off
▼ SSID6 (5GHz)	<input checked="" type="radio"/> On <input type="radio"/> Off
SSID Name	<input type="text" value="NewSSID"/>
SSID Hide	<input type="radio"/> On <input checked="" type="radio"/> Off
Encryption Type	WPA2-PSK/WPA3-SAE
WPA Passphrase	••••••
<input type="checkbox"/> show password	
SSID Isolation	<input type="radio"/> On <input checked="" type="radio"/> Off
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	
▶ SSID7 (5GHz)	<input type="radio"/> On <input checked="" type="radio"/> Off
▶ SSID8 (5GHz)	<input type="radio"/> On <input checked="" type="radio"/> Off

Image 8. - Adding new SSID/Password

## Wi-Fi Channel change (admin account)

It is highly recommended to leave automatic channel selection, so level of interference can be decreased. In other cases, please check following procedure.

To change operating channel of Wi-Fi networks, navigate to section **Local Network > WLAN > WLAN Basic > WLAN Global Configuration**. Expand properties by clicking on the blue rectangle near the 2.4GHz and 5GHz frequency bands. For 2.4GHz network select **Channel Range of United Kingdom(CH1-11)** and select **Channel** of choice. This is illustrated in image 9. At the end click **Apply** to save settings.

Device has a pre-defined channel range 1-11 to avoid that US market devices such as iPhones have problems with connection.

Always choose ax standard mode as it will be used by default if connected device is supporting it.

**802.11ax (WiFi6)** – Latest standard issued by IEEE and certified by WiFi Alliance. It allows better management of locally connected clients and also a slightly better speeds. It will not allow better WiFi coverage.

**Airtime Fairness** – This will allow router to automatically put on hold all devices that doesn't use WiFi, but are connected, thus allowing active devices to have more bandwidth over WiFi. It is disconnected by default and can be used independently of channel setting. Usage of airtime fairness doesn't always provide benefits, so it is recommended that customer try with AF or without and find the best setup.

**ZTE** Current Time: 2021-12-27T08:52 admin Logout

Home Topology Internet **Local Network** VoIP Management & Diagnosis

Status
<b>WLAN</b>
LAN
FTP
UPnP
DMS
DNS

WLAN Basic | WLAN Advanced | WLAN Radar

### Page Information

This page provides the function of WLAN basic parameter(s) configuration.

► WLAN On/Off Configuration

▼ WLAN Global Configuration

▼ 2.4GHz

Channel Range	United Kingdom(CH1-11)
Channel	6
Mode	Mixed (802.11b/g/n/ax)

ⓘ The network card drivers of some Wi-Fi devices, such as laptops using Intel network cards, are old. Please upgrade the network card drivers or switch the Wi-Fi mode to b/g/n.

Airtime Fairness  On  Off

Apply Cancel

▼ 5GHz

Channel	36
Mode	Mixed (802.11a/n/ac/ax)

ⓘ The network card drivers of some Wi-Fi devices, such as laptops using Intel network cards, are old. Please upgrade the network card drivers or switch the Wi-Fi mode to a/n/ac.

Airtime Fairness  On  Off

Apply Cancel

Image 9. - Setting WiFi channel manually and Airtime Fairness

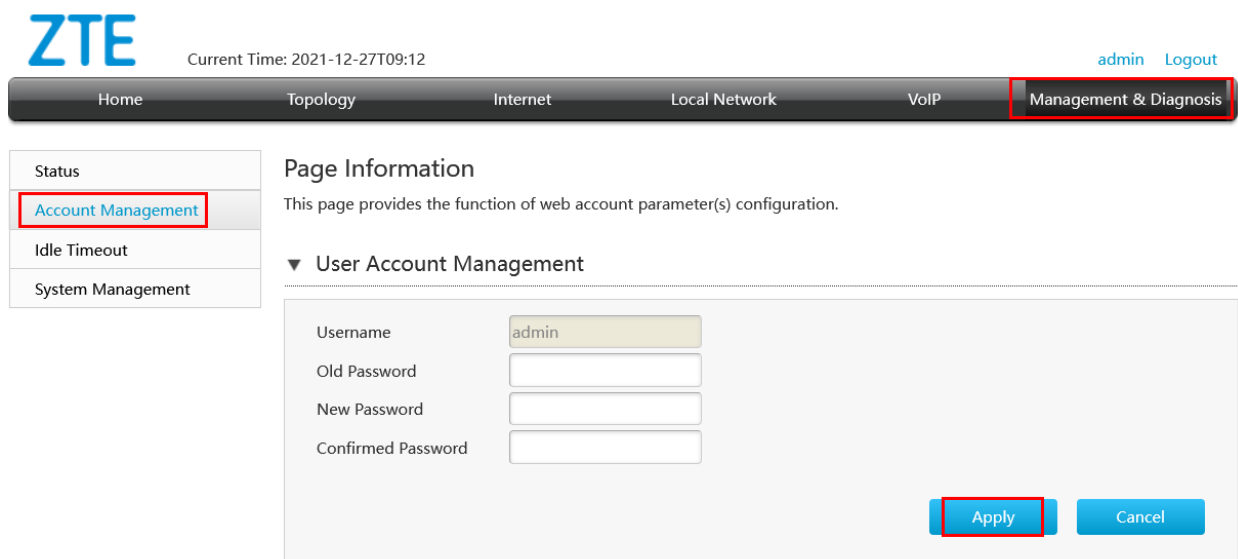
## WPS connection (admin account)

LAN clients can connect to Wi-Fi network automatically without a need to input of a password. To do so, press physical WPS button on router, until LED light indicates that WPS is active. WPS LED will start to blink and WPS on a router will be active for 1 min. During this time user can activate Push Button WPS on a PC/Phone and device will be connected automatically.

This type of connection is not recommended as it is very easy to allow malicious attacker to connect to user's WiFi and network.

## Change of admin credentials (admin account)

User can change login password under the section **Management & Diagnostics > Account Management > User Account Management**. This is described in image 10. Old password can be found on router itself. After configuring new password click **Apply** to save settings.



The screenshot shows the ZTE web interface. At the top left is the ZTE logo. The current time is 2021-12-27T09:12. The user is logged in as 'admin' and can click 'Logout'. The navigation menu includes Home, Topology, Internet, Local Network, VoIP, and Management & Diagnosis (highlighted in red). On the left sidebar, the 'Account Management' menu item is highlighted in red. The main content area is titled 'Page Information' and states 'This page provides the function of web account parameter(s) configuration.' Below this is the 'User Account Management' section, which contains a form with the following fields: Username (admin), Old Password, New Password, and Confirmed Password. The 'Apply' button is highlighted in red, and there is a 'Cancel' button next to it.

Image 10. - Setting Admin Account Credentials

## USB Storage (admin account)

Access to USB flash storage can be performed from LAN client. To grant access to USB flash, navigate to **Local Network** > **FTP**. Enable FTP server by clicking **On** button. Once turned on, configure **FTP username** and **FTP password**. Example is described in image 11. Once all configured, click **Apply** to save settings. Router's USB port with attached flash drive can be used as additional storage area linked with LAN network.

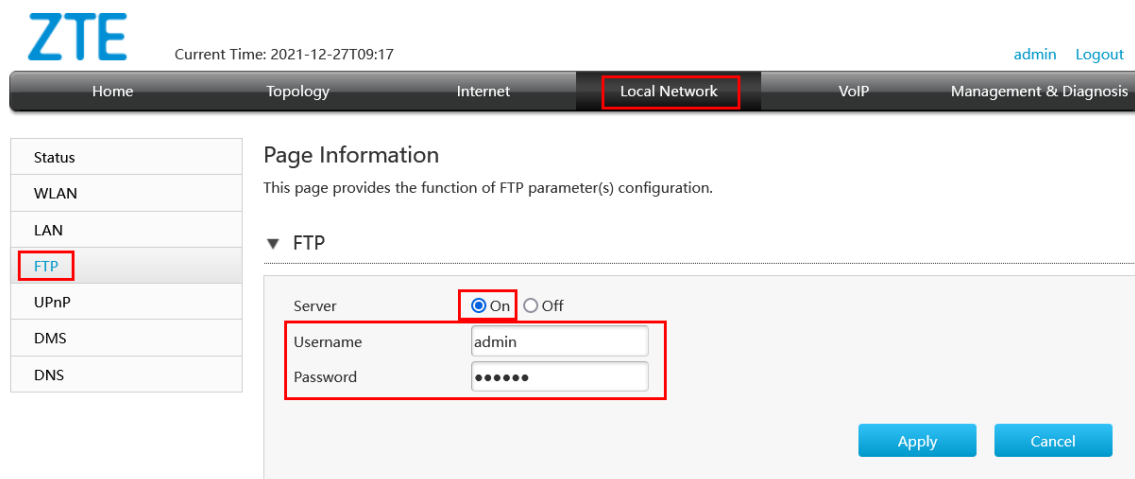


Image 11. - FTP Server setup

After (or before, doesn't make a difference) FTP server is enabled, USB Flash can be plugged in. Local Network > Status > USB Status menu will display current status of USB Flash.

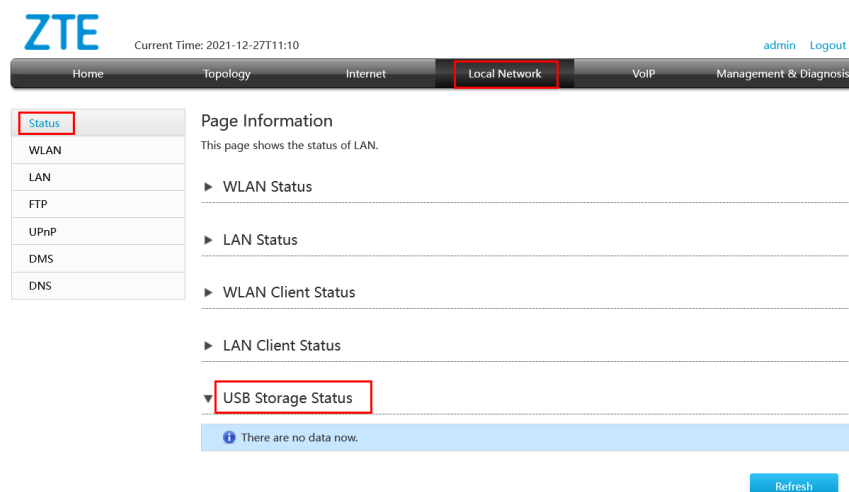


Image 12. - USB Status

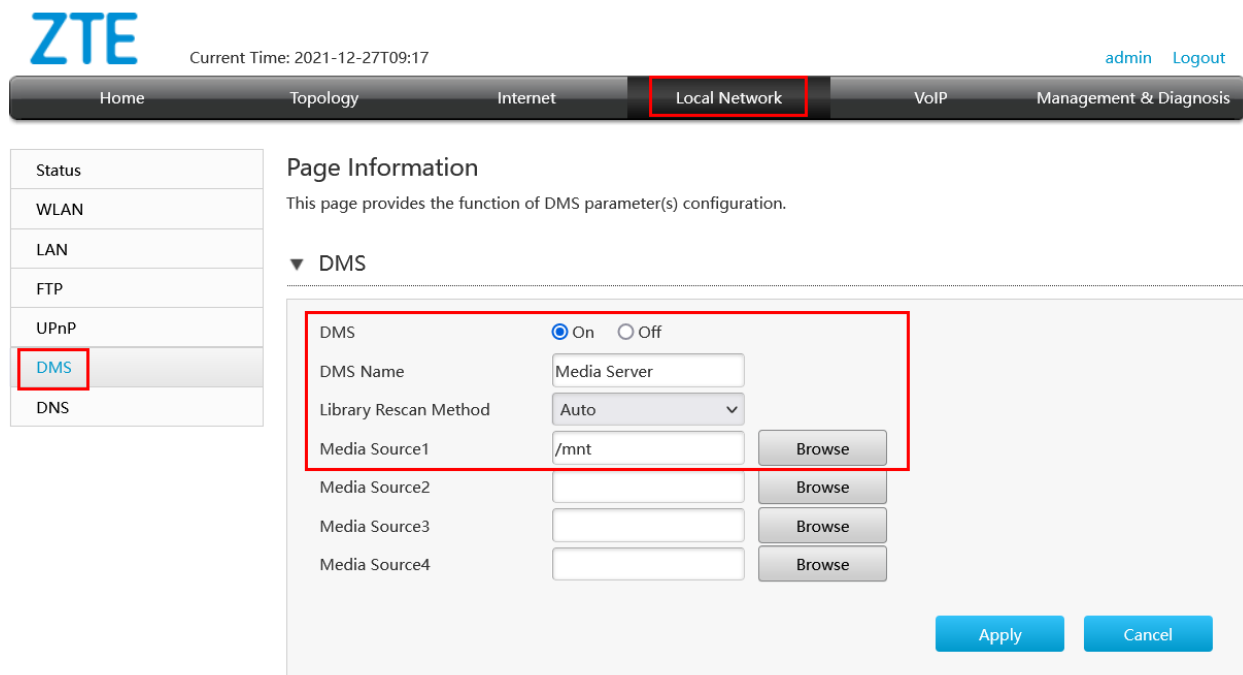


Content of the USB can be accessed by using FTP client on a PC/Phone. There are numerous free FTP clients on the Internet. Filezilla client is mostly used and is free.

FTP Client setup: URL: <ftp://192.168.1.1>, username and password are the same as for FTP server, port: 21.

Remote FTP access to USB flash drive requires advanced router configuration and it can be done per request.

Access to USB flash drive from LAN can be achieved via Digital Media Server feature. Enabling this feature on router is described in image 13. Navigate to **Local Network** > **DMS**. Click **On** and **Apply** settings. LAN applications that support DMS will enable access to USB drive. Example of such application is VLC player, Windows Media Player.



The screenshot displays the ZTE H3600 web management interface. At the top, the ZTE logo is on the left, the current time is 2021-12-27T09:17, and 'admin Logout' is on the right. A navigation bar contains 'Home', 'Topology', 'Internet', 'Local Network' (highlighted with a red box), 'VoIP', and 'Management & Diagnosis'. On the left, a sidebar lists 'Status', 'WLAN', 'LAN', 'FTP', 'UPnP', 'DMS' (highlighted with a red box), and 'DNS'. The main content area is titled 'Page Information' and states 'This page provides the function of DMS parameter(s) configuration.' Below this, a section titled 'DMS' is expanded. It features a 'DMS' toggle set to 'On' (radio button selected), a 'DMS Name' text box containing 'Media Server', a 'Library Rescan Method' dropdown menu set to 'Auto', and four 'Media Source' text boxes. The first, 'Media Source1', contains '/mnt' and has a 'Browse' button next to it. The other three sources are empty with 'Browse' buttons. At the bottom right of the configuration area are 'Apply' and 'Cancel' buttons.

Image 13. - DMS Setup

Access to USB flash drive from PC application is displayed in image 14.

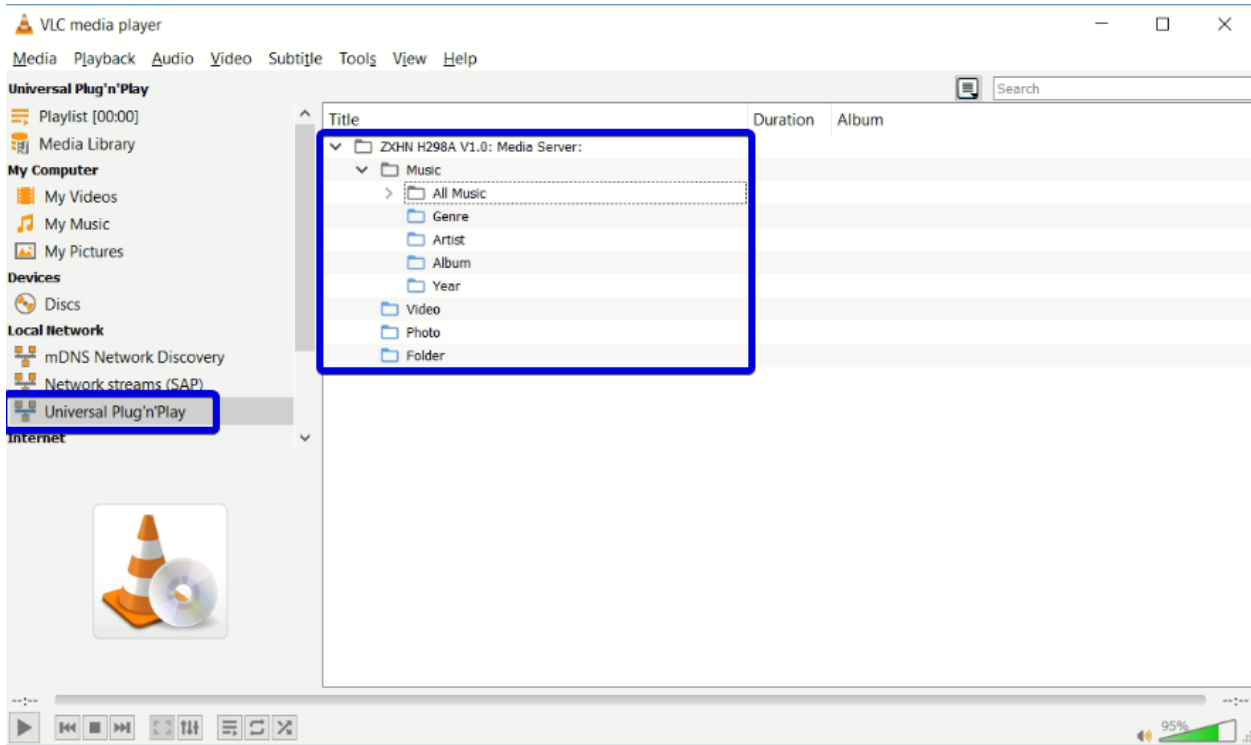
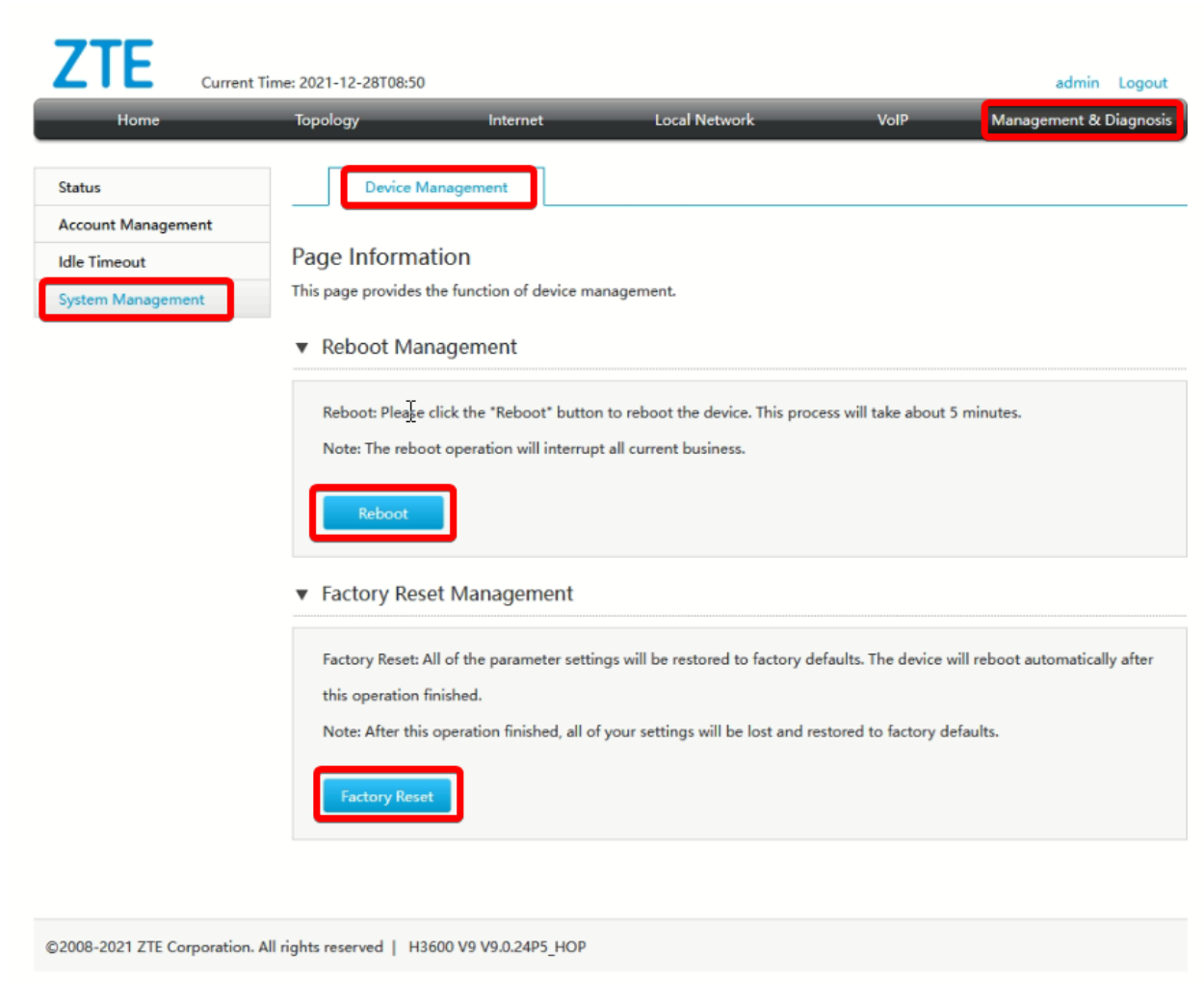


Image 14. - Access to USB flash drive from PC application

## Reboot and factory reset (admin account)

Reboot and Factory reset can be performed at section **Management & Diagnostic > System Management > Device Management**. Reboot and Factory Reset buttons are presented in image 15. If you experience significant problems with your connection, please try rebooting your router. Just turn it off and off.



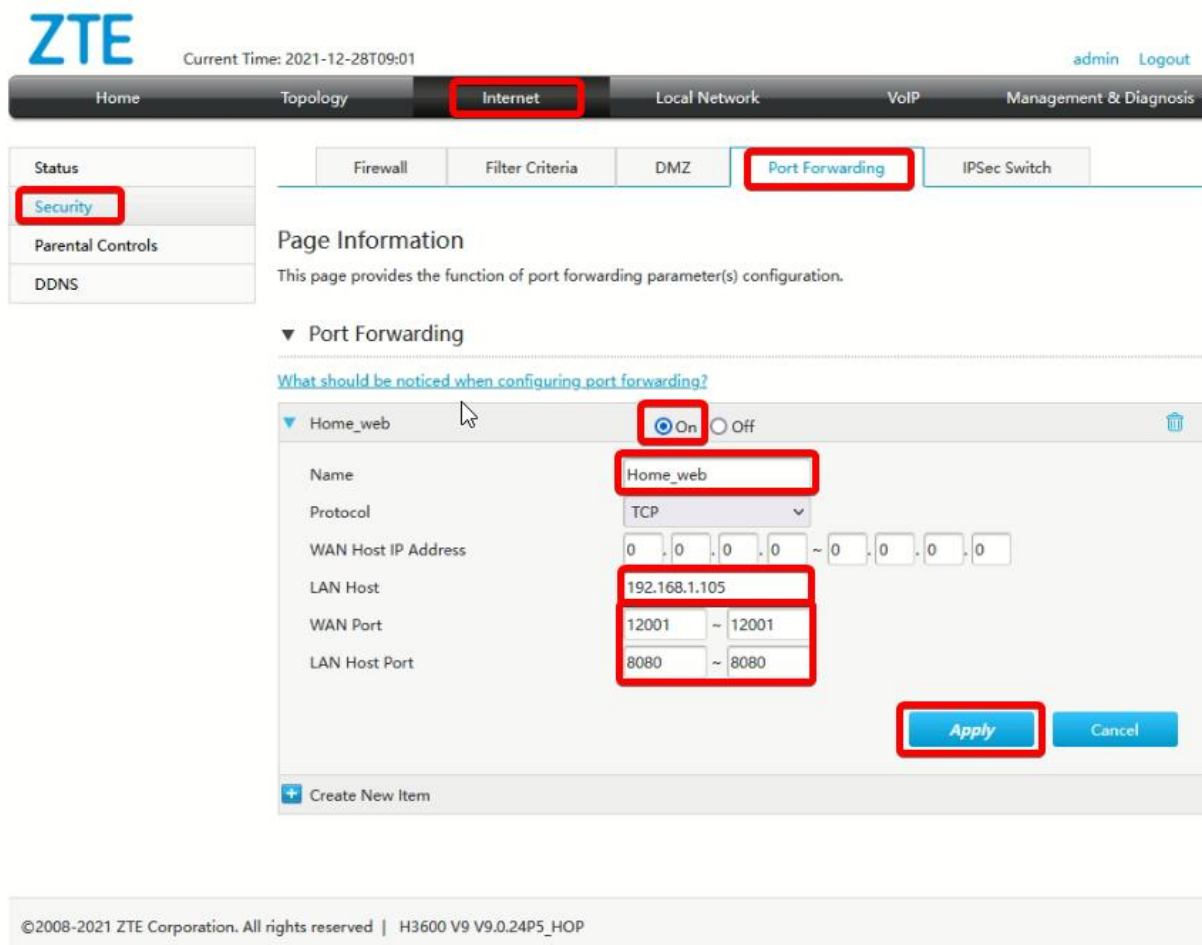
The screenshot displays the ZTE H3600 web management interface. At the top, the ZTE logo is on the left, and the current time (2021-12-28T08:50) and user information (admin, Logout) are on the right. A navigation bar contains links for Home, Topology, Internet, Local Network, VoIP, and Management & Diagnosis (highlighted with a red box). On the left sidebar, a menu includes Status, Account Management, Idle Timeout, and System Management (highlighted with a red box). The main content area is titled 'Device Management' (highlighted with a red box) and contains 'Page Information' and two sections: 'Reboot Management' and 'Factory Reset Management'. The 'Reboot Management' section includes instructions, a note about business interruption, and a 'Reboot' button (highlighted with a red box). The 'Factory Reset Management' section includes instructions, a note about settings being lost, and a 'Factory Reset' button (highlighted with a red box). A footer at the bottom contains copyright information: ©2008-2021 ZTE Corporation. All rights reserved | H3600 V9 V9.0.24P5\_HOP.

Image 15. – Reboot and factory reset

Please avoid using factory reset often as it can shorten life of a router. Factory reset will delete all user configured parameters on the router.

## Port forwarding (admin account)

To set port forwarding navigate to section **Internet > Security > Port Forwarding**. In the **Name** field use arbitrary value that will describe service you are going to configure. Set **Protocol** to TCP or UDP, based on type of service which you are trying to configure. TCP is selected by default. In the **LAN Host** field put IPv4 address of LAN client which hosts the server. In the **WAN Port** fields specify range of WAN router interface ports what will be opened (in the example bellow, only one port TCP 12001). In the **LAN Host Port** fields specify ports on which LAN client is listening for incoming IPv4 traffic. Once everything is set, click on **On** button to activate the rule and then click **Apply** button to save the rule. This is illustrated in image 16.



The screenshot shows the ZTE H3600 web interface. The top navigation bar includes 'Home', 'Topology', 'Internet' (highlighted), 'Local Network', 'VoIP', and 'Management & Diagnosis'. The left sidebar shows 'Status', 'Security' (highlighted), 'Parental Controls', and 'DDNS'. The main content area is titled 'Port Forwarding' and contains a table with one rule named 'Home\_web'. The rule is configured with the following settings:

Field	Value
Name	Home_web
Protocol	TCP
WAN Host IP Address	0.0.0.0 ~ 0.0.0.0
LAN Host	192.168.1.105
WAN Port	12001 ~ 12001
LAN Host Port	8080 ~ 8080

The 'On' radio button is selected, and the 'Apply' button is highlighted. A footer at the bottom of the page reads: ©2008-2021 ZTE Corporation. All rights reserved | H3600 V9 V9.0.24P5\_HOP

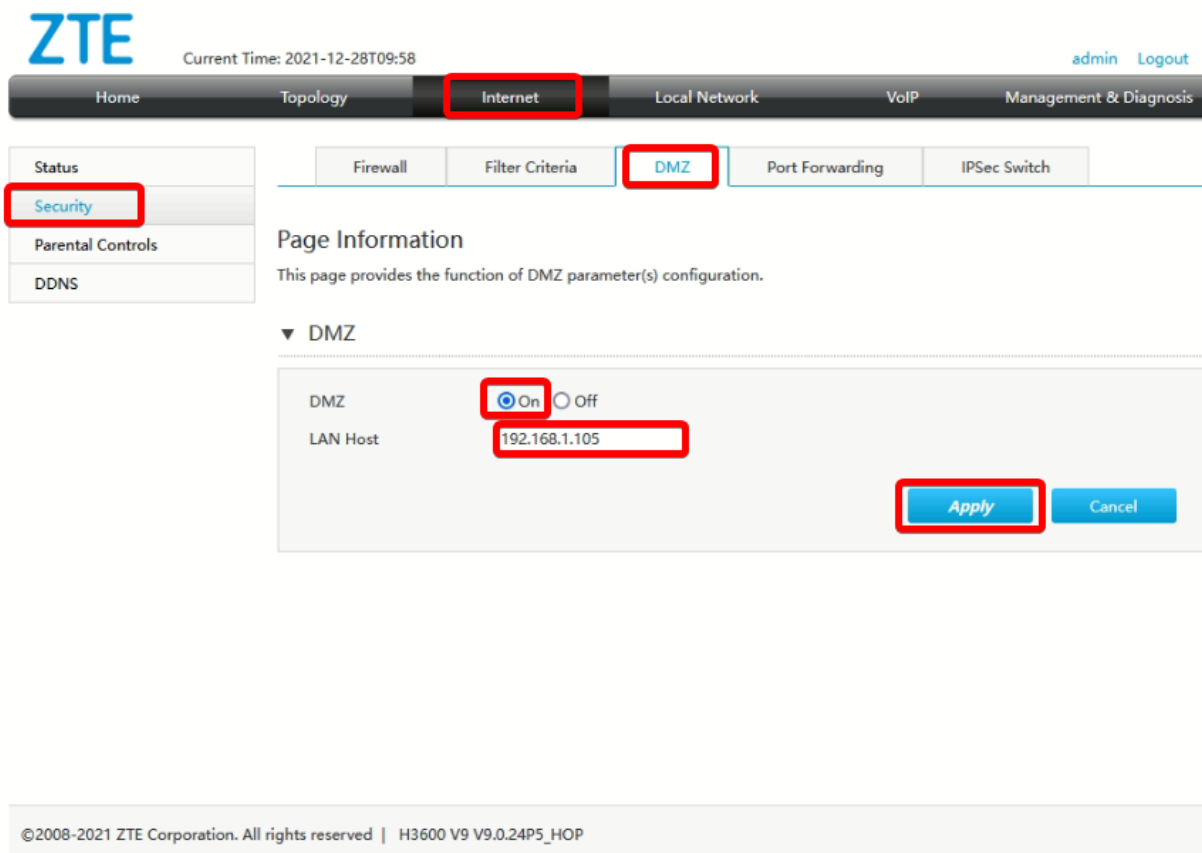
Image 16. Port forwarding rule

Optional steps:

- 1) You can configure **WAN Host IP Address** fields to specify only certain IPv4 addresses which are allowed to use your service. Addresses in these fields reside on the Internet and are public IPv4 addresses.
- 2) **WAN port** and **LAN Host Port** fields can all contain a single port. In that case router does not modify TCP packet fields.

## DMZ (admin account)

To put some LAN client in *demilitarized zone* navigate to section **Internet > Security > DMZ**. Specify LAN client IPv4 address in **LAN Host** field. Click **On** button and click **Apply** to save. **Placing LAN devices in DMZ can pose an IT security risk and this action should be taken with caution!** Process is illustrated in image 17.



The screenshot displays the ZTE H3600 web management interface. At the top, the ZTE logo is on the left, and the current time (2021-12-28T09:58) and user information (admin, Logout) are on the right. A navigation bar includes Home, Topology, Internet (highlighted), Local Network, VoIP, and Management & Diagnosis. Below this, a sub-menu contains Firewall, Filter Criteria, DMZ (highlighted), Port Forwarding, and IPsec Switch. A left sidebar shows Status, Security (highlighted), Parental Controls, and DDNS. The main content area is titled 'Page Information' and states: 'This page provides the function of DMZ parameter(s) configuration.' Under the 'DMZ' section, there is a 'DMZ' toggle set to 'On' (highlighted) and an 'Off' option. Below it, the 'LAN Host' field contains the IP address '192.168.1.105' (highlighted). At the bottom right of this section are 'Apply' (highlighted) and 'Cancel' buttons. The footer contains the copyright notice: '©2008-2021 ZTE Corporation. All rights reserved | H3600 V9 V9.0.24P5\_HOP'.

Image 17. DMZ configuration

## IPv6 Filters (admin account)

If IPv6 servers are available at LAN device, access to them can be granted via IPv6 filters. To configure IPv6 filters, navigate to **Internet > Security > Filter Criteria > IP Filter**. This is illustrated in Image 18. Click on **IP Filter** line.

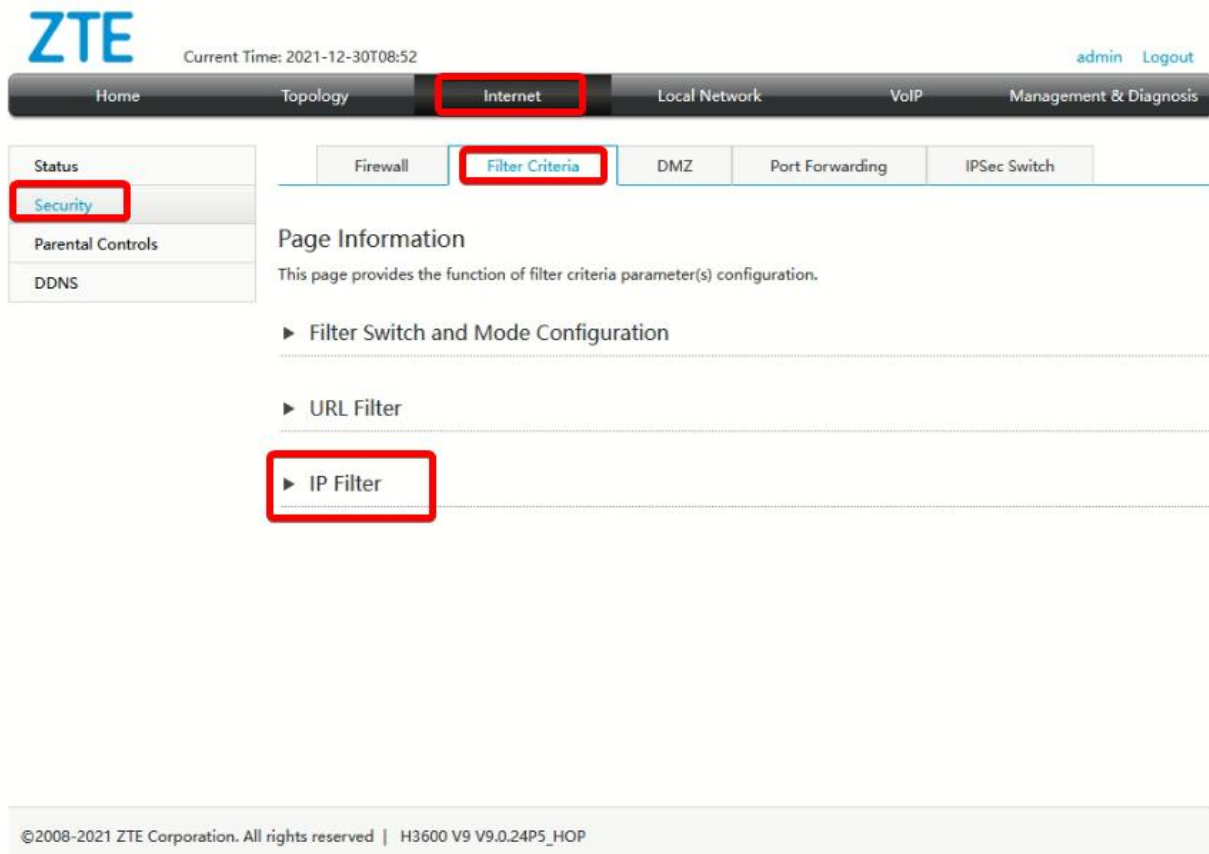


Image 18. Section for IPv6 filters

In the **Name** field use any description for the IPv6 rule. Click Accept in the **Target** line. Select IPv6 from the **IP Version** dropdown menu. For the **Destination IP** use IPv6 address of the LAN client/server. Select TCP as **Protocol** in most cases, depending on the type of service you want to configure. In the fields **Destination Port Range** use range of ports on which LAN client is listening for incoming connections. For **Ingress** select WAN-DHCP-CONNECTON. For **Egress** select LAN. Turn the rule **On** and click **Apply** to save settings. This is illustrated in image 19.

▼ IP Filter

[What should be noticed when configuring Firewall IP Filter?](#)

▼ Home\_web  On  Off 🗑️

Name

Target  Accept  Drop

Rule Priority

IP Version

Source IP

Destination IP

Protocol

Source Port Range

Destination Port Range

Ingress

Egress

DSCP

+ Create New Item

Image 19. Configuration of IPv6 filter rule

## DHCP Binding (admin account)

Specific LAN client can have same IPv4 address all the time. To define which LAN client will have which IPv4 address, configuration of binding must be completed. Navigate to section **Local Network > LAN > DHCP Binding**. This is illustrated in image 20. In the **Name** field use any description for the configuration rule. In the **MAC Address** field specify MAC address of LAN client. In the **IP Address** field specify IPv4 address from the range 192.168.1.2 to 192.168.1.254. Click **Apply** to save settings. Reboot the router or LAN client for changes to be implemented.

**ZTE** Current Time: 2021-12-30T10:31 admin Logout

Home Topology Internet **Local Network** VoIP Management & Diagnosis

Status  
WLAN  
**LAN**  
FTP  
UPnP  
DMS  
DNS

IPv4

### Page Information

This page provides the function of LAN (IPv4) parameter(s) configuration.

- ▶ Allocated Address (DHCP)
- ▶ DHCP Server
- ▼ DHCP Binding**
- ▶ Port Control

Name	MAC Address	IP Address
MyPC	10 : 65 : 30 : 41 : cc : 6f	192 . 168 . 1 . 114

Apply Cancel

+ Create New Item

©2008-2021 ZTE Corporation. All rights reserved | H3600 V9 V9.0.24P5\_HOP

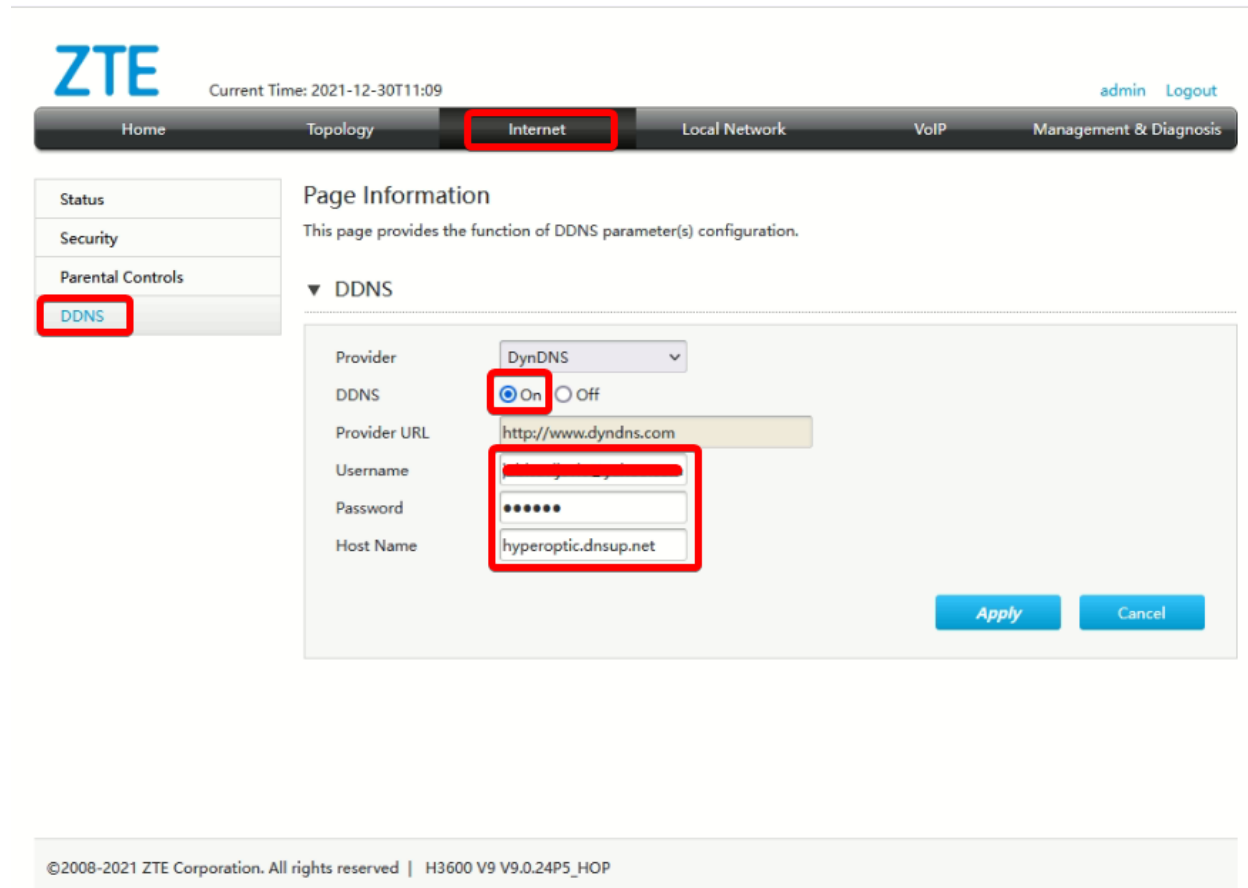
Image 20. DHCP binding in LAN network



## DDNS (admin account)

DDNS can be used to associate some specific fully qualified domain name (FQDN) to public IPv4 address which is present on WAN router interface. By configuring this feature, router can be reached via “descriptive” name, rather than via its IPv4 address. To configure this feature, navigate to section **Internet > DDNS**.

Before setting parameters on the router, user must register it’s FQDN with some DNS provider (e.g. <https://now-dns.com/>). After completing this step, chose appropriate **Provider** from dropdown menu, as it is illustrated in image 21. Turn DDNS **On** and specify **Username** and **Password** used in registration process. Set registered “descriptive” name in the **Host Name** field.



The screenshot displays the ZTE H3600 web interface. At the top, the ZTE logo is on the left, the current time is 2021-12-30T11:09, and 'admin Logout' is on the right. A navigation bar contains 'Home', 'Topology', 'Internet' (highlighted with a red box), 'Local Network', 'VoIP', and 'Management & Diagnosis'. On the left, a sidebar lists 'Status', 'Security', 'Parental Controls', and 'DDNS' (highlighted with a red box). The main content area is titled 'Page Information' and states 'This page provides the function of DDNS parameter(s) configuration.' Below this is a section for 'DDNS' with the following fields: 'Provider' (dropdown menu set to 'DynDNS'), 'DDNS' (radio buttons for 'On' and 'Off', with 'On' selected and highlighted by a red box), 'Provider URL' (text input field containing 'http://www.dyndns.com'), 'Username' (text input field with a redacted value and highlighted by a red box), 'Password' (password input field with masked characters and highlighted by a red box), and 'Host Name' (text input field containing 'hyperoptic.dnsup.net'). At the bottom right of the configuration area are 'Apply' and 'Cancel' buttons. A footer at the bottom of the page reads '©2008-2021 ZTE Corporation. All rights reserved | H3600 V9 V9.0.24P5\_HOP'.

Image 21. Configuration of DDNS