

RM60 设置端口转发测试步骤

实现 wan 口设备与 lan 口与 wlan 设备通信

准备两台电脑，一台连接模块 wan 口 一台通过无线连接模块

The image shows two screenshots of the Hi-Link web interface. The top screenshot displays the 'Interfaces' menu, which is highlighted with a red arrow. The menu options include: Switch, DHCP and DNS, Hostnames, Static Routes, Diagnostics, Forward, and Load Balancing. Below the menu, the 'Interface Overview' section shows a table of network interfaces. The 'WAN' interface (eth1) is highlighted with a red arrow. The bottom screenshot shows the 'WAN' configuration page, which is divided into 'General Setup', 'Advanced Settings', 'Physical Settings', and 'Firewall Settings'. The 'General Setup' tab is active, and the 'Protocol' is set to 'Static address'. A red arrow points to the 'Protocol' dropdown menu.

Hi-Link Status System Services Network WiFi Logout **AUTO REFRESH ON**

WAN WANS WWAN LAN **Interfaces**

Interfaces

Interface Overview

Network	Status	Actions
LAN br-lan	Uptime: 0h 49m 23s MAC Address: A2 EF 3A B8 C4 0E RX: 1.57 MB (14564 Pkts.) TX: 3.60 MB (11460 Pkts.) IPv4: 192.168.16.254/24 IPv6: fd81:d1b8:daf3::1/60	Connect Stop Edit Delete
WAN eth1	Uptime: 0h 11m 40s MAC Address: 36 58 D4 0F 78 EC RX: 602.91 KB (3209 Pkts.) TX: 263.04 KB (828 Pkts.) IPv4: 192.168.16.100/24	Connect Stop Edit Delete
WANS eth1	Uptime: 0h 0m 0s MAC Address: 36 58 D4 0F 78 EC RX: 602.91 KB (3209 Pkts.) TX: 263.04 KB (828 Pkts.)	Connect Stop Edit Delete
WWAN0 apc0	Uptime: 0h 11m 34s MAC Address: 96 0C 43 26 46 30 RX: 2.19 MB (13661 Pkts.) TX: 90.61 KB (1440 Pkts.) IPv4: 192.168.19.88/24	Connect Stop Edit Delete

Add new interface...

Global network options

IPv6 ULA Prefix: fd81:d1b8:daf3::1/60

Save & Apply Save Reset

192.168.16.254/cgi-bin/luci/admin/network/network

Hi-Link Status System Services Network WiFi Logout **AUTO REFRESH ON**

WAN WANS WWAN LAN

Interfaces - WAN

On this page you can configure the network interfaces. You can bridge several interfaces by ticking the "bridge interfaces" field and enter the names of several network interfaces separated by spaces. You can also use **VLAN** notation (INTERFACES.VLANID (e.g., eth0.1)).

Common Configuration

General Setup Advanced Settings Physical Settings Firewall Settings

Status eth1 Uptime: 0h 12m 30s
MAC Address: 36 58 D4 0F 78 EC
RX: 602.91 KB (3209 Pkts.)
TX: 263.04 KB (828 Pkts.)
IPv4: 192.168.16.100/24

Protocol: Static address

IPv4 address: 192.168.16.100

IPv4 netmask: 255.255.255.0

IPv4 gateway: 192.168.16.1

IPv4 broadcast:

Use custom DNS servers:

IPv6 assignment length: disabled

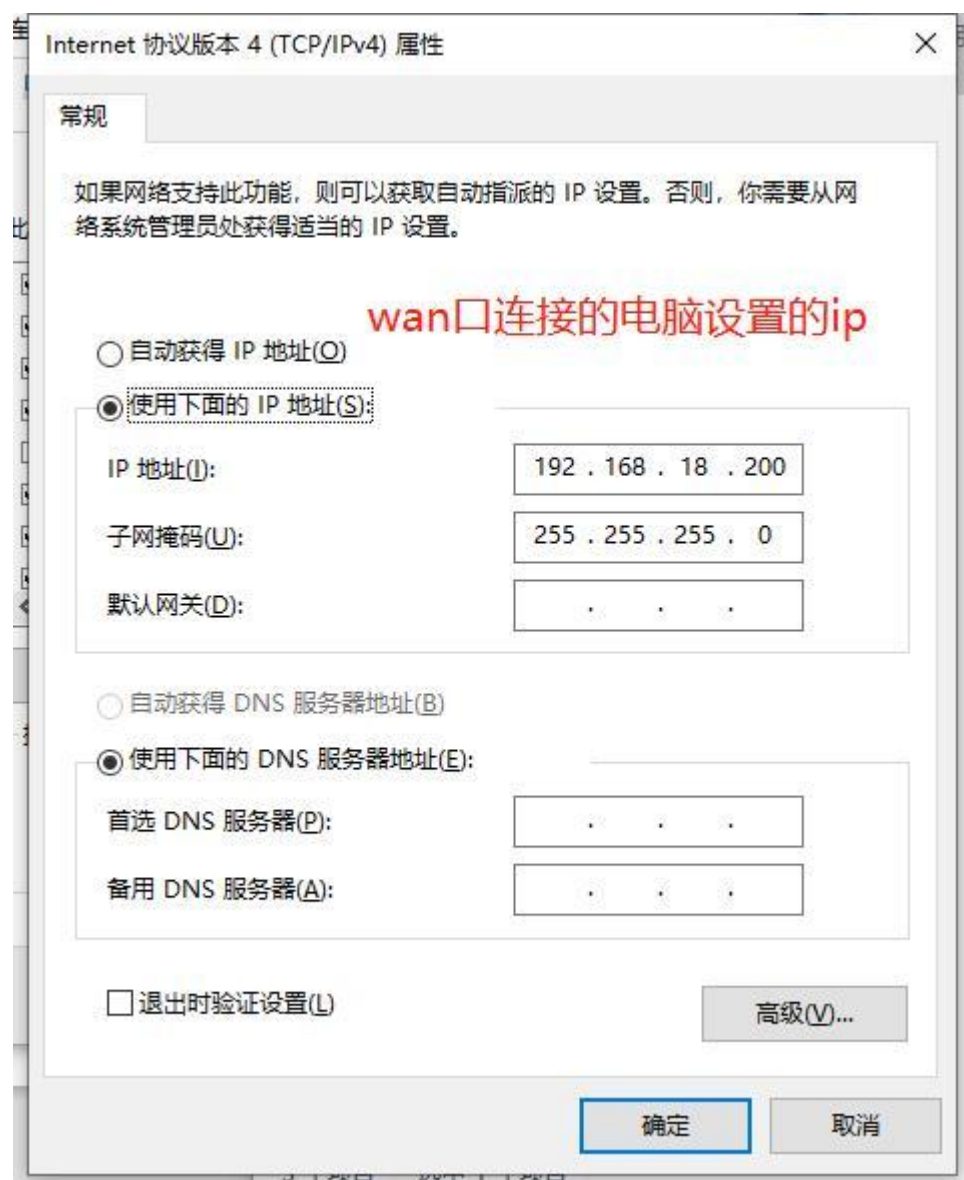
Assign a part of given length of every public IPv6-prefix to this interface

IPv6 address:

IPv6 gateway:

IPv6 routed prefix:

Public prefix routed to this device for distribution to clients.



1. 进入 web 界面设置 wan 口静态 ip，同时电脑连接 wan 口同样设置静态 ip，相同网段

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StatusSystemServicesNetworkWiFiLogout

General SettingsPort ForwardsTraffic Rules

Firewall - Port Forwards

Port forwarding allows remote computers on the Internet to access a computer or service within the private LAN.

Port Forwards

Name	Match	Forward to	Enable	Sort
wan->lan	IPv4-tcp, udp From <i>any host</i> in <i>wan</i> Via <i>any router IP</i> at port <i>9999</i>	IP <i>192.168.16.100</i> , port <i>9999</i> in <i>lan</i>	☒	EditDelete

New port forward:

Name	Protocol	External zone	External port	Internal zone	Internal IP address	Internal port
New port forward	TCP+UDP	wan		lan		

Save & Apply

Save

Reset

Powered by Hi-Link / Hi-Link_WiFi6

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Firewall - Port Forwards - wan->lan

This page allows you to change advanced properties of the port forwarding entry. In most cases there is no need to modify these settings.

Rule is enabled

Disable

Name

wan->lan

Protocol

TCP+UDP

Source zone

lan

wan

wan6

wan6

Source MAC address

Only match incoming traffic from these MACs.

Source IP address

any

Only match incoming traffic from this IP or range.

Source port

any

Only match incoming traffic originating from the given source port or port range on the client host

External IP address

any

Only match incoming traffic directed at the given IP address.

External port

9999

Match incoming traffic directed at the given destination port or port range on this host

Internal zone

lan

wan

wan6

wan6

Internal IP address

192.168.16.100 (E3:E1:A8:19:C)

Redirect matched incoming traffic to the specified internal host

Internal port

9999

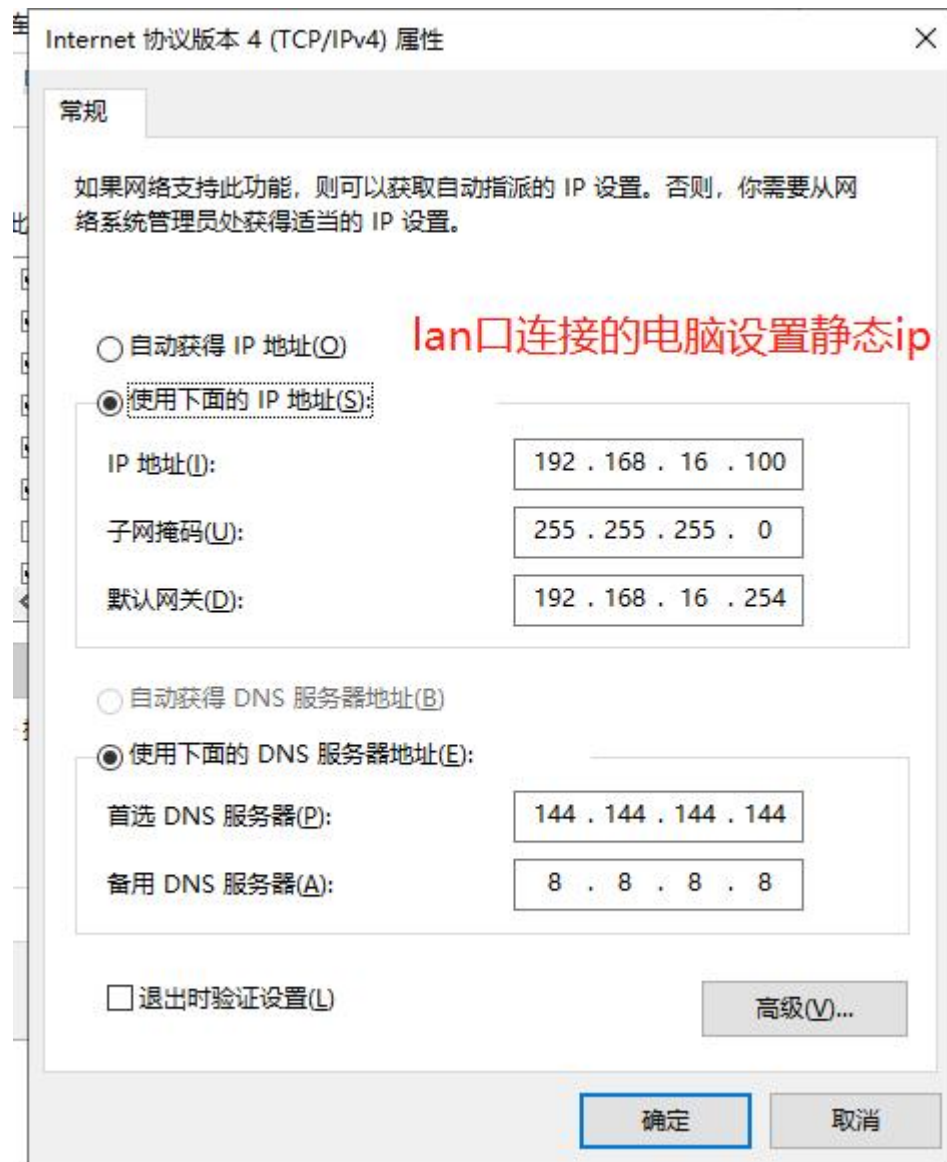
Redirect matched incoming traffic to the given port on the internal host

Enable NAT Loopback

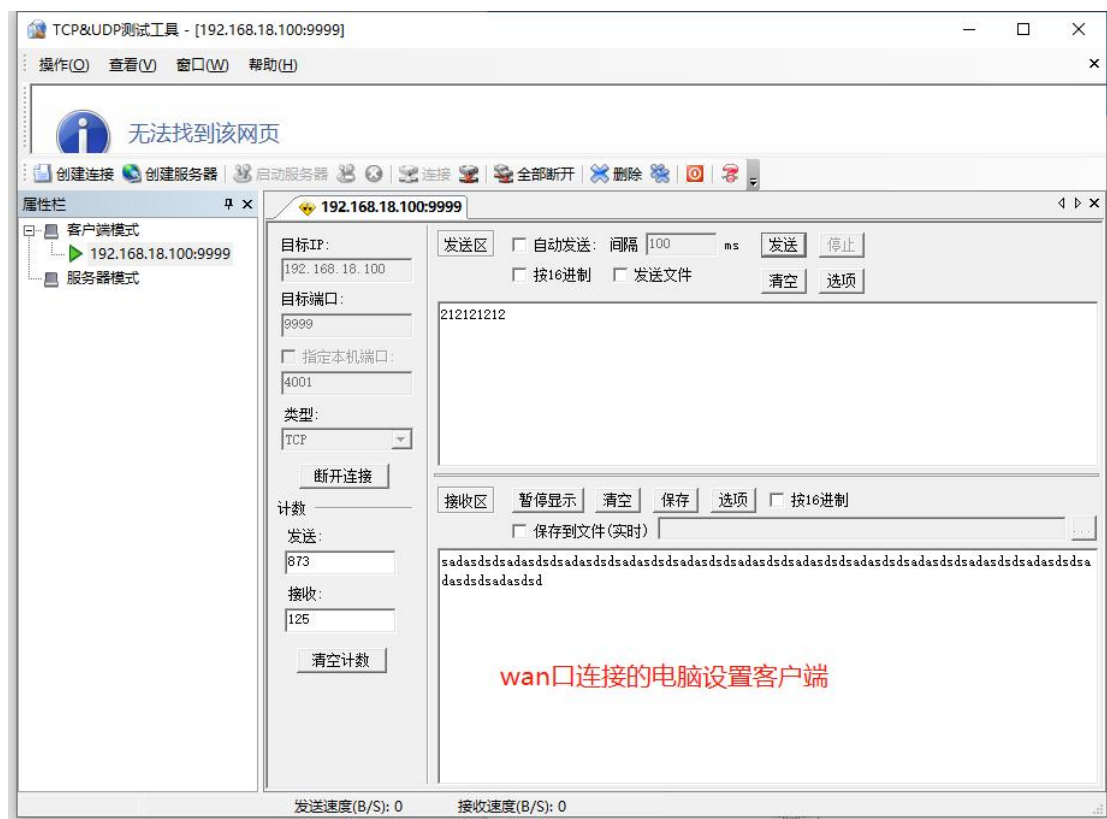
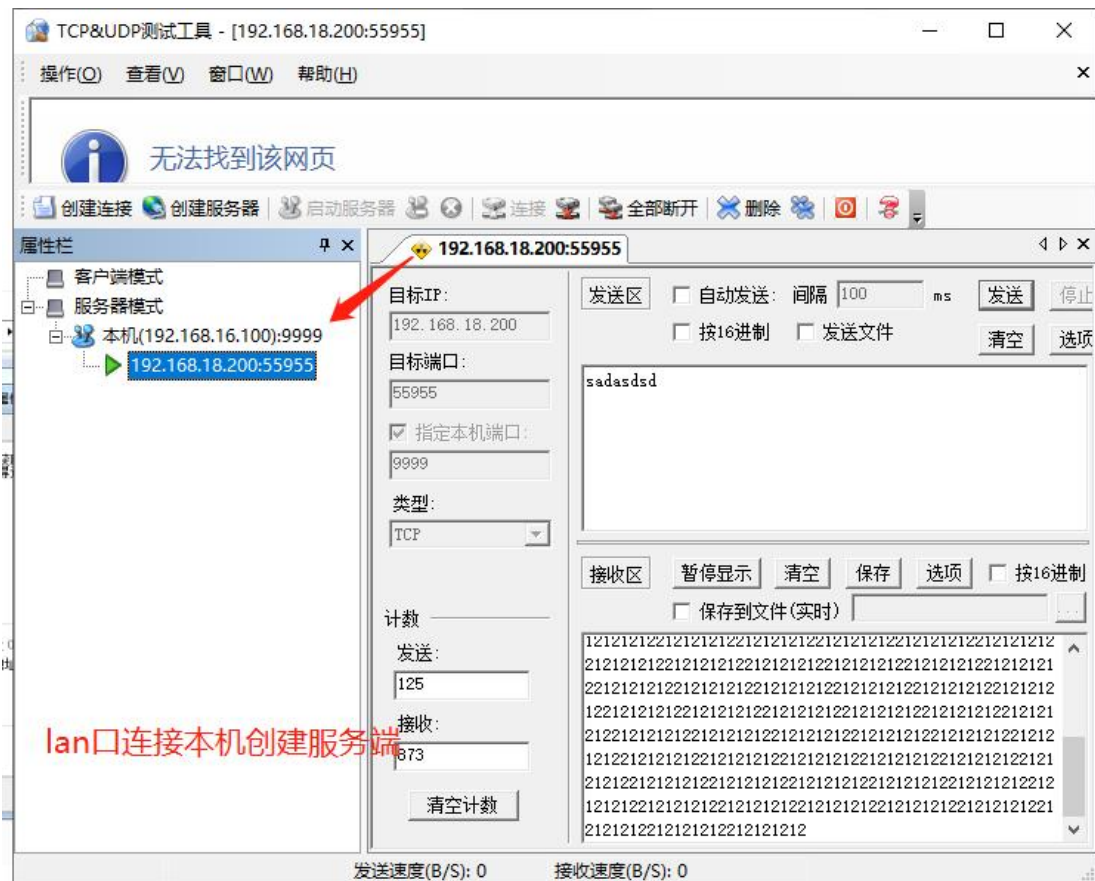
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Extra arguments

Passes additional arguments to iptables. Use with care!



2. web 界面设置端口转发, 转发设置的 ip 要和 wlan 连接的客户端 ip 一致



3. 两台电脑打开 tcp 测试工具，lan 口创建服务端，ip 和端口转发一

致，wan 口设置客户端连接的 ip 是 wan 口创建的静态 ip 和端口转发设置的端口号。

至此应该能完成 wlan 设备和 wan 口设置的数据互传。