WEB

(AP)

RG-AP220-W

V1.0

RGOS 10.4 (1b19)p2

http://www.ruijie.com.cn/

http://webchat.ruijie.com.cn

http://www.ruijie.com.cn/service.aspx

7 24 4008-111-000

http://support.ruijie.com.cn

service@ruijie.com.cn

1)

1 AP WEB

1.1 WEB

1.1.1 WEB

WEB IE

1.1.2

WEB WEB WEB WEB
WEB
WEB IE

1.1.3

1.1.4

WEB WEB AP WEB AP
PC IPAD
Google Chrome IE6.0 IE7.0 IE8.0 IE
maxthon
1024*768 1280*1024 1440*960

1.1.5

AP WEB
AP IP

AP

CPU

1.3.2

1.3.2.1

AP NAT ROUTE AP

NAT RG-AP220-W NAT DHCP Server

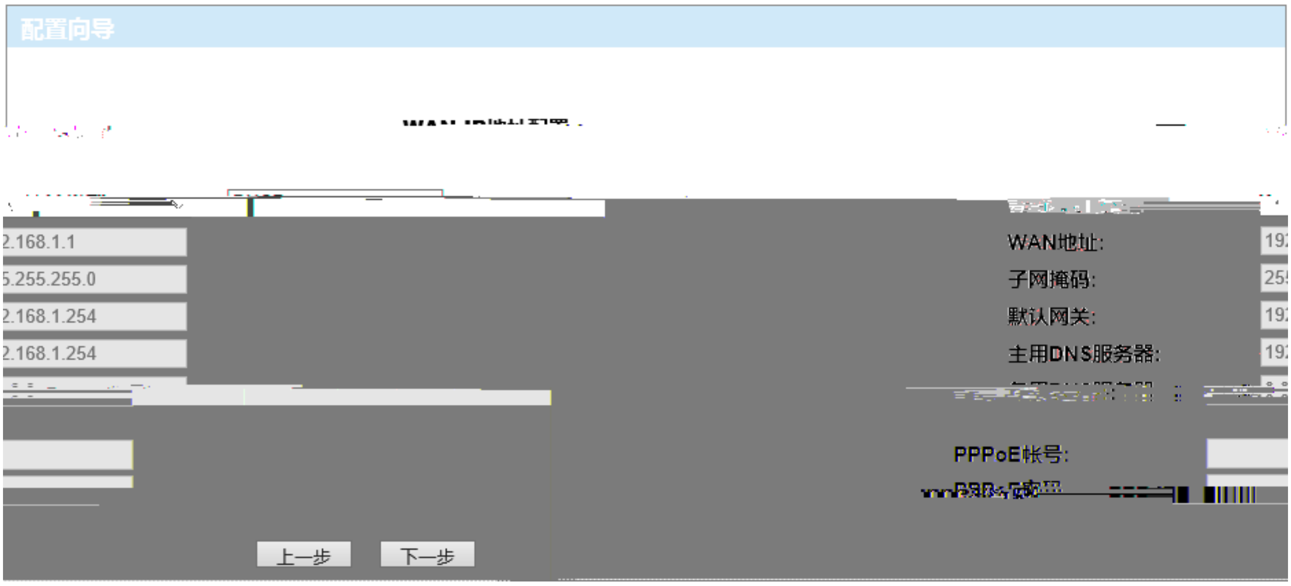
ROUTE NAT AP

AP

1.3.2.1.1 NAT

NAT

WAN WAN DHCP PPPoE



WAN PPPoE PPPoE IP

WAN DHCP

DHCP PPPoE

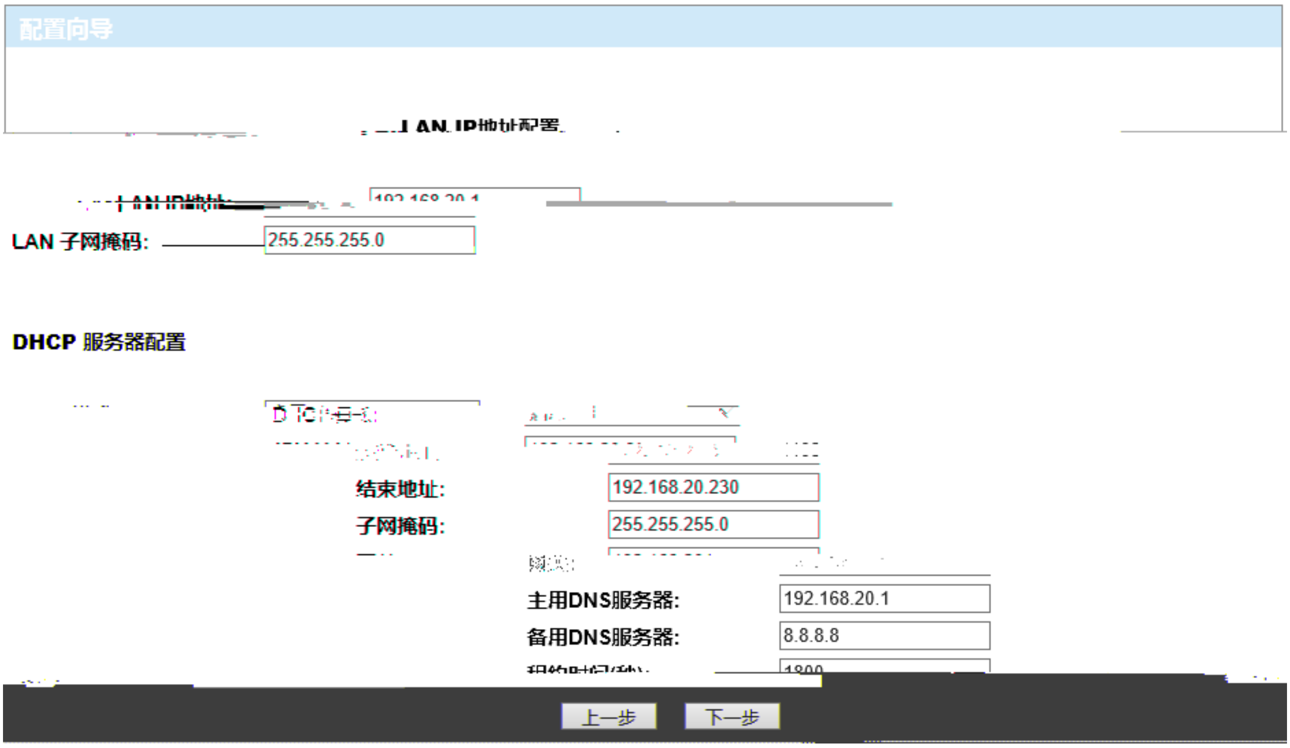
DHCP PPPoE

DNS DHCP PPPoE NAT

PPPoE PPPoE PPPoE

PPPoE PPPoE PPPoE

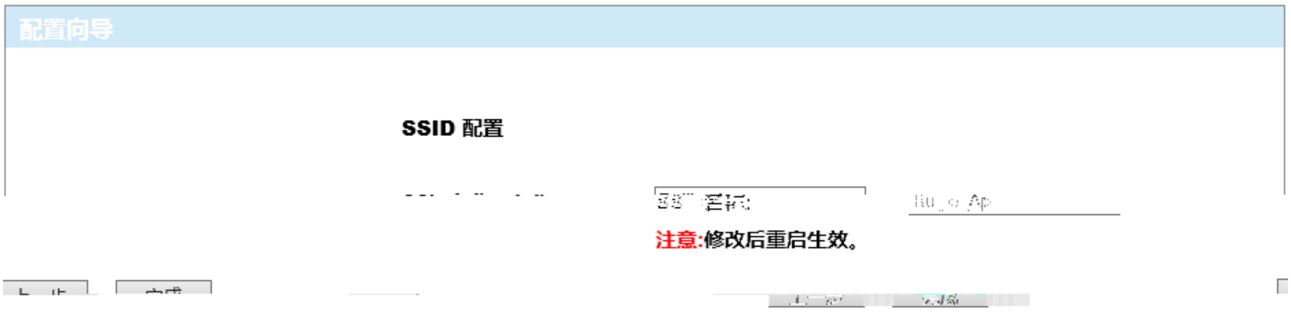
LAN IP DHCP DHCP

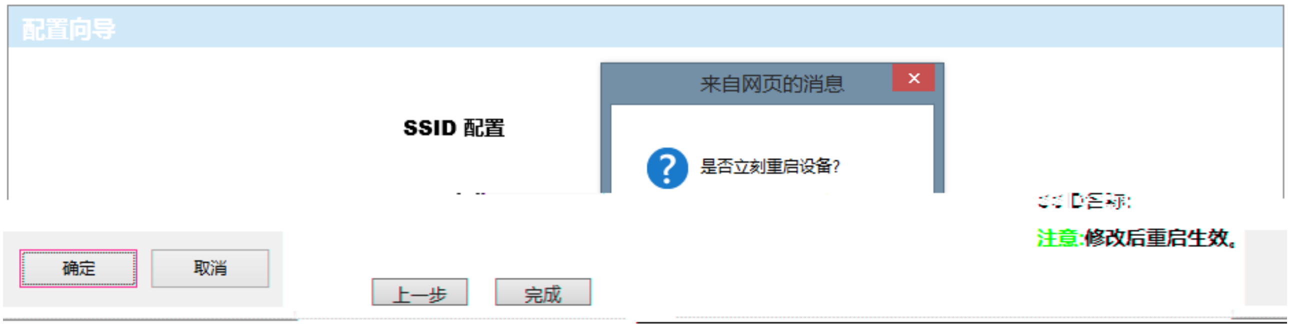


LAN IP AP IP

DHCP DHCP LAN IP

SSID

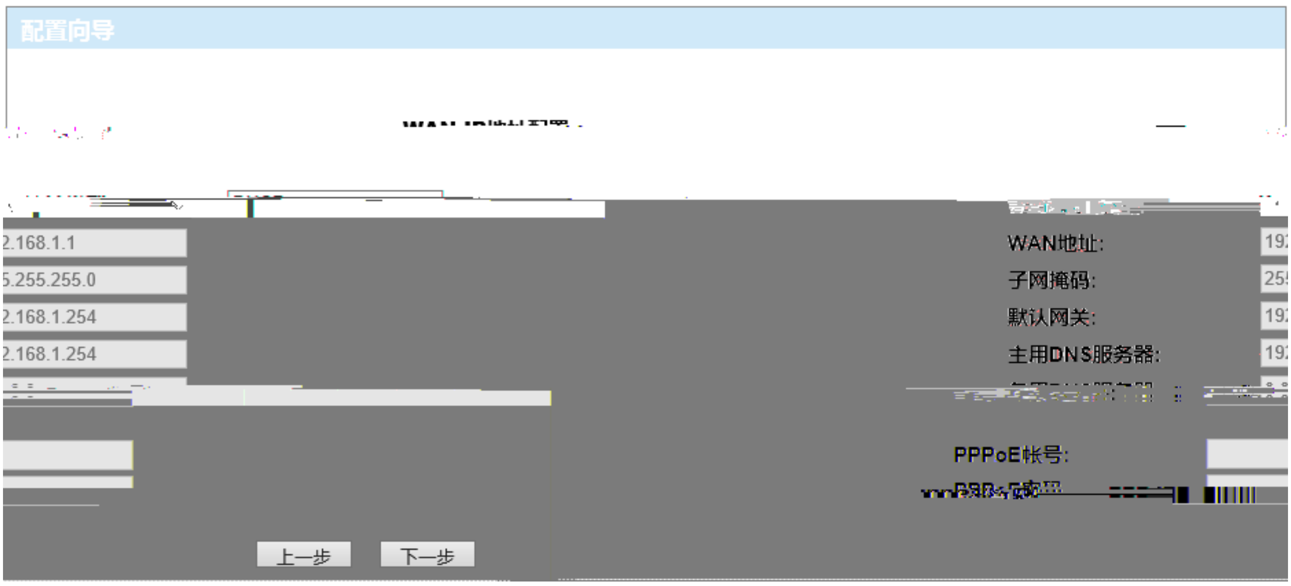


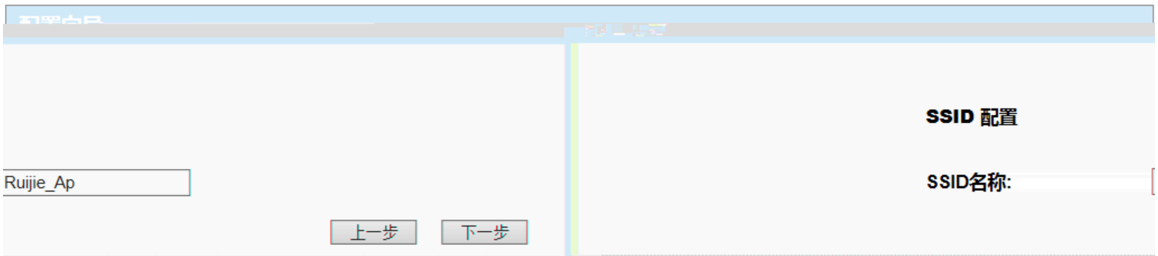


1.3.2.1.2 ROUTE

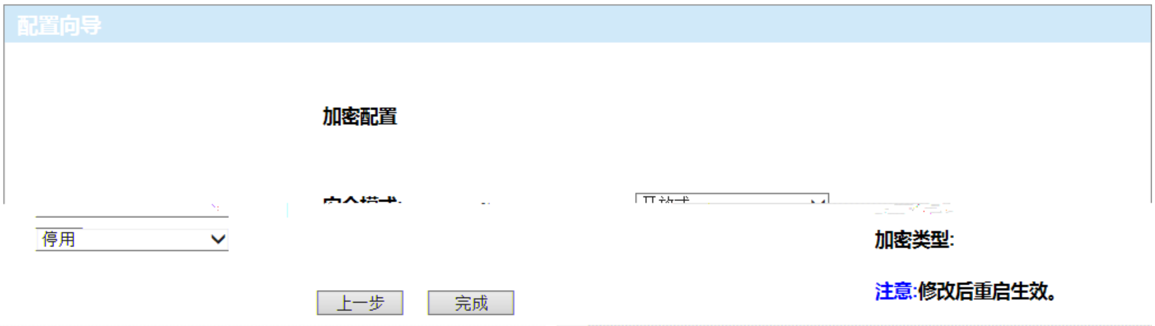
ROUTE

WAN WAN DHCP PPPoE



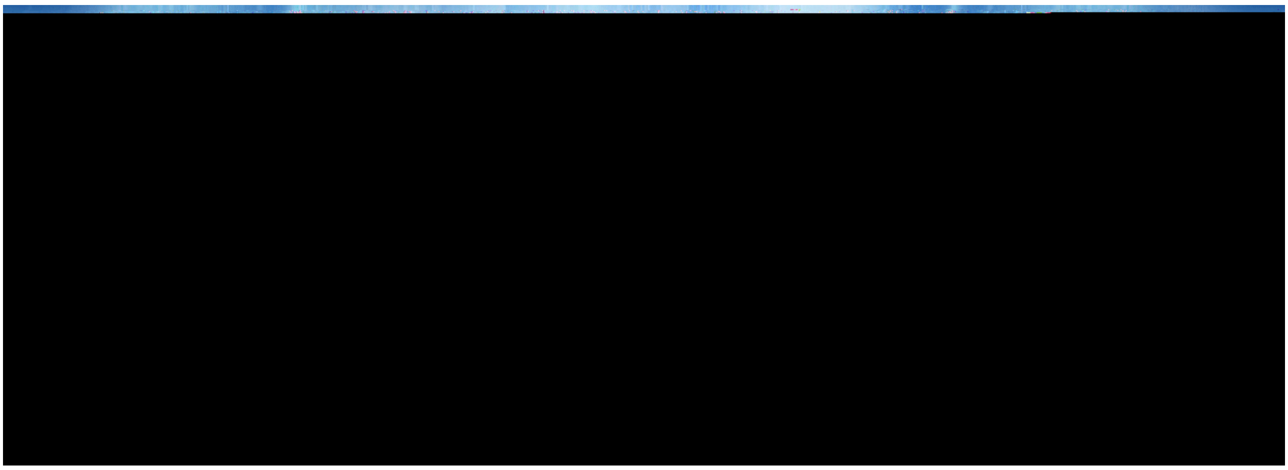


SSID



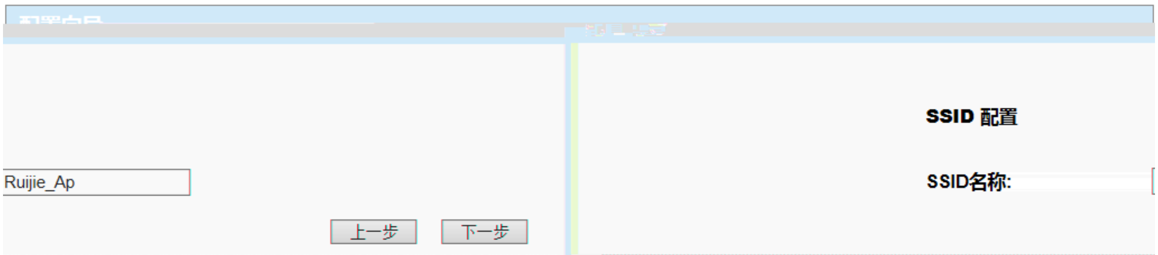
1.3.2.1.3 AP

AP

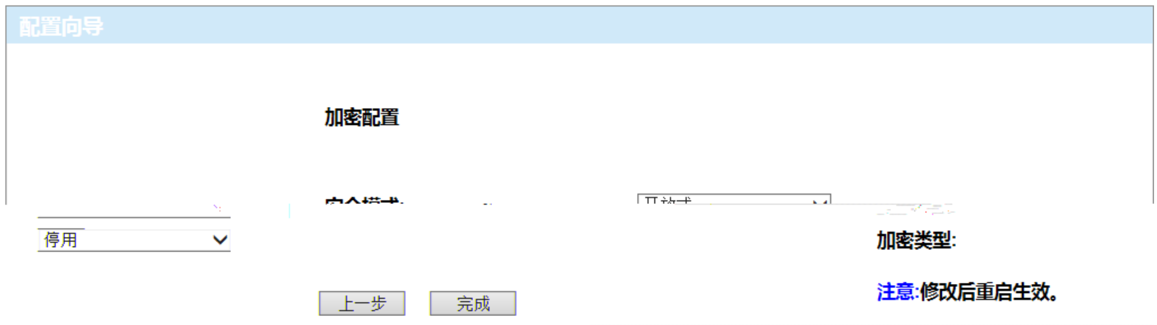


IP IP DHCP

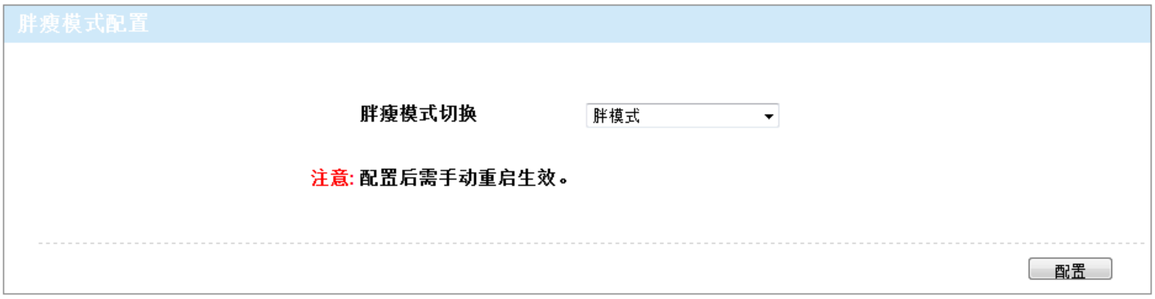
SSID



SSID



1.3.3



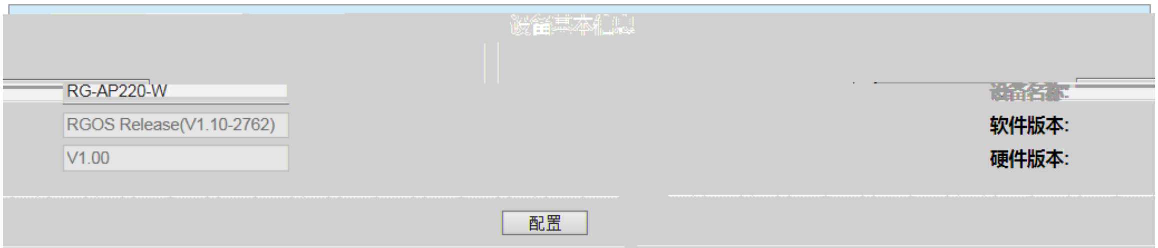
AP AC AP

AP

1.3.4

1.3.4.1

->



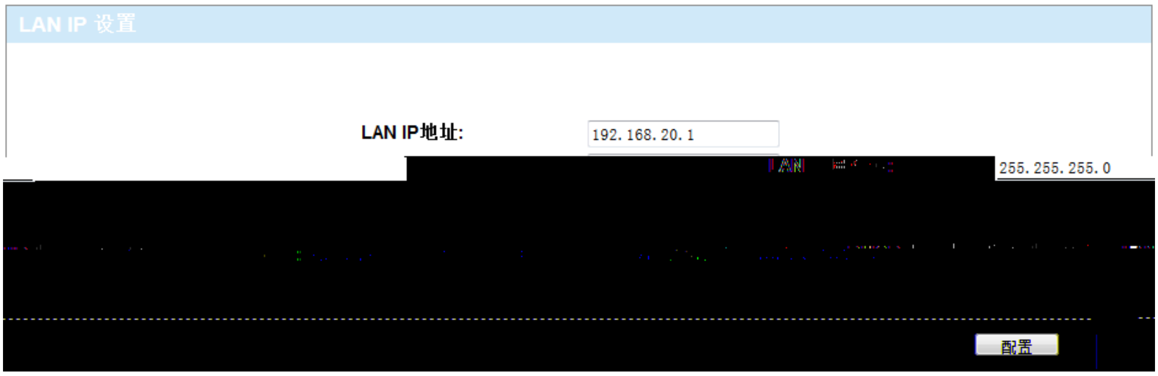
AP

AP

AP

1.3.4.2

->

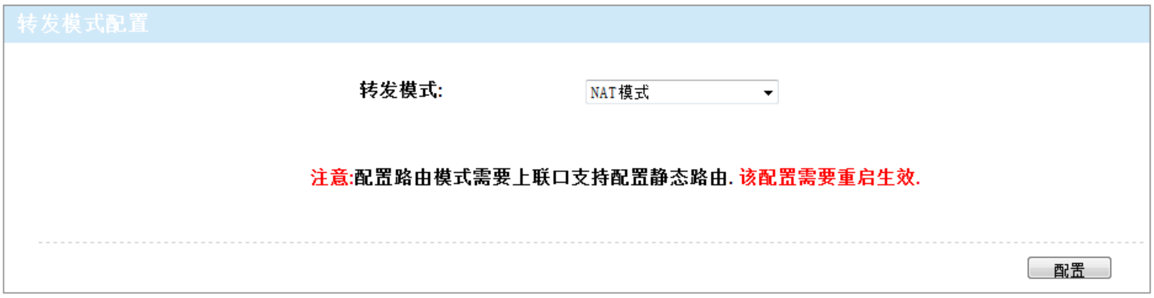


AP NAT ROUTE WAN IP
IP AP DHCP

1.3.5.3

-> NAT ROUTE
AP

1.3.5.3.1 NAT



NAT WAN

[redacted]

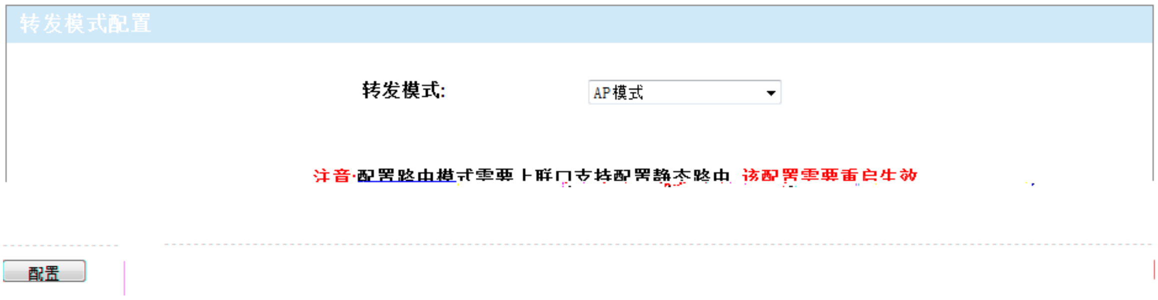
DHCP

1.3.5.3.2 ROUTE

ROUTE

DHCP

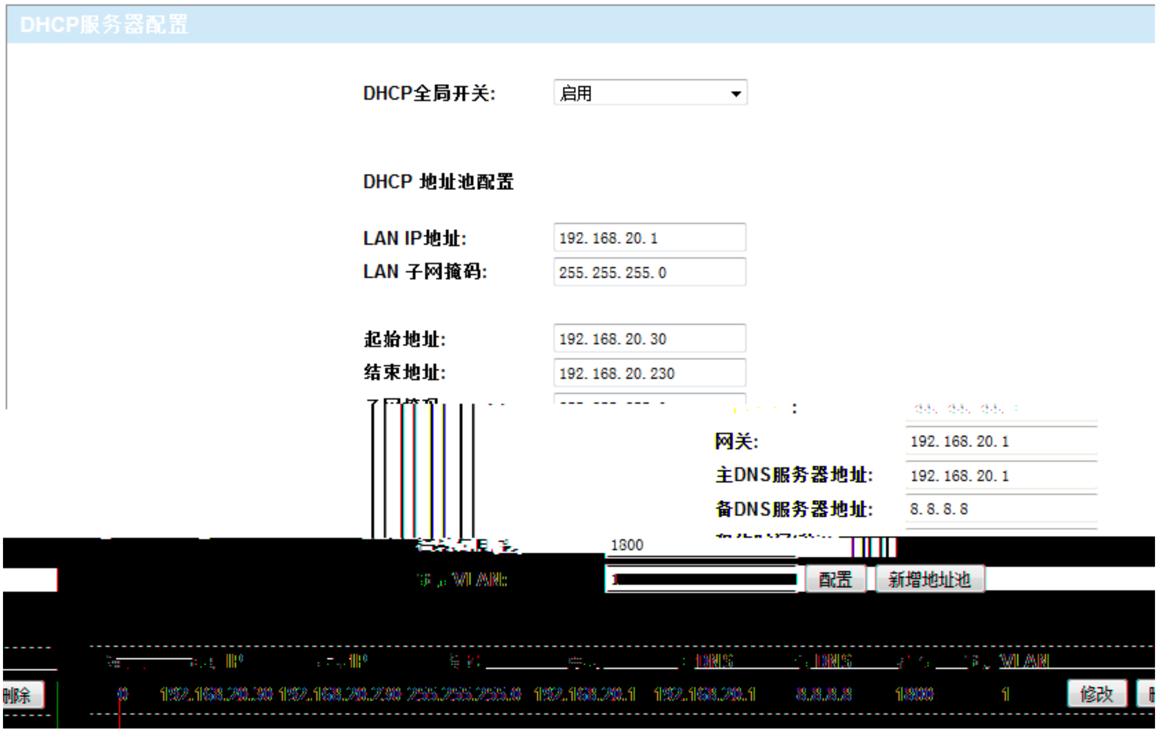
1.3.5.3.3 AP



AP DHCP

1.3.5.4 DHCP

-



DHCP NAT ROUTE AP

LAN IP LAN web IP

/ 192.168.20.30~192.168.20.230

255.255.255.0

LAN 192.168.20.1

DNS LAN AP 192.168.20.1

DNS DNS 8.8.8.8

3600

VLAN VLAN 1 VLAN

1.3.6 Wi-Fi

Wi-Fi->Wi-Fi 2.4GHz

[redacted]

<1,2,5.5,11,6,9,12,18,24,36,48,54Mbps>

<1Mbps>

<1,2,5.5,11,6,9,12,18,24,36,48,54Mbps>

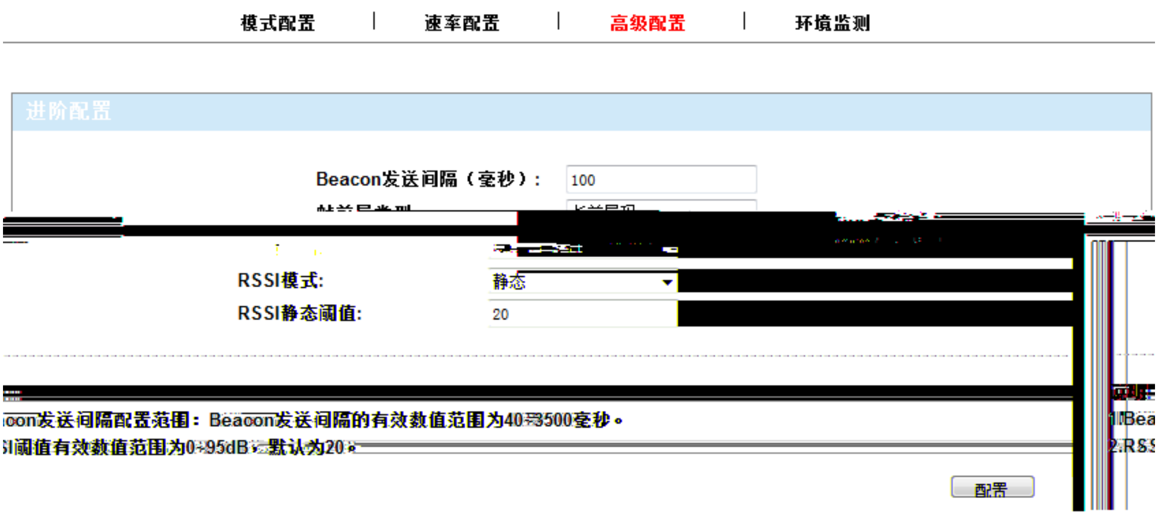
<1Mbps>

<1,2,5.5,11,6,9,12,18,24,36,48,54Mbps> Basic Rate dot11b dot11g dot11b/g

MCS <MCS0 ..MCS15> HT rate bitmap 802.11n

1.3.6.3

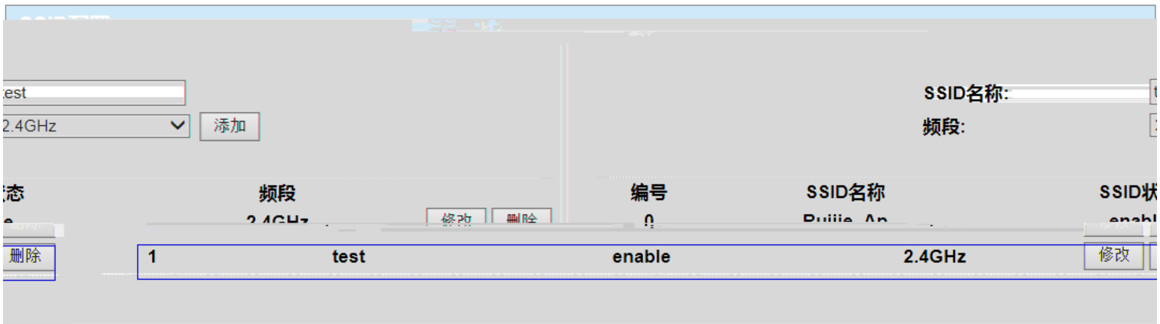
Wi-Fi 2.4GHz ->



1.3.7 SSID

1.3.7.1 / SSID

SSID SSID < > SSID
test SSID



SSID 1~31

SSID 2.4GHz

SSID < > SSID

SSID < >

1.3.7.2 SSID

SSID-> -> SSID SSID SSID

1.3.7.2.1 SSID

SSID-> -> SSID

[redacted]

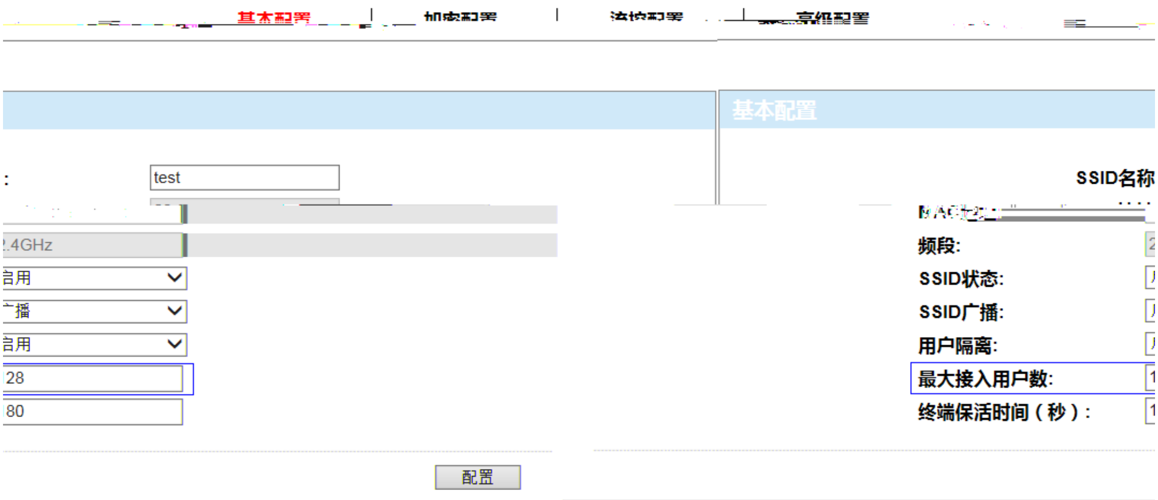
SSID 1~31

1.3.7.2.2

SSID SSID

1.3.7.2.4

SSID-> ->



SSID

1.3.7.3 SSID

SSID-> -> WPA-PAK WPA2-PSK WPA-PSK/WPA2-PSK WPA WPA2 WPA/WPA2

1.3.7.3.1 WPA-PSK/WPA2-PSK

WPA-PSK/WPA2-PSK

aes tkip

8~63

3600

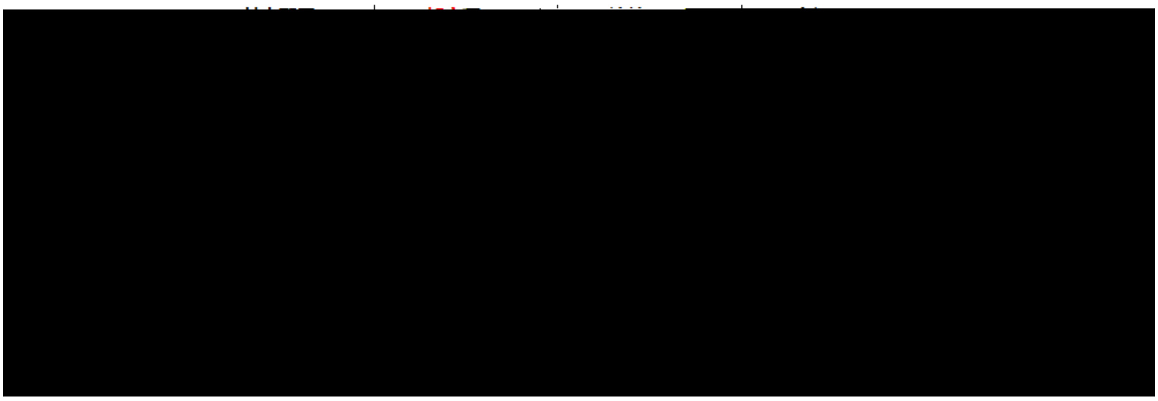
1.3.7.3.2 802.1x

/ IP

1~10s

Radius 1~10s

1.3.7.3.3 Share-key



WEP

ASCII 64-bit 128-bit

1.3.7.4

SSID-> ->

SSID Kbps SSID

SSID Kbps SSID

Kbps

Kbps

(802.11a/b/g/n) (Air Time Fairness) 802.11b 802.11g AP 802.11n

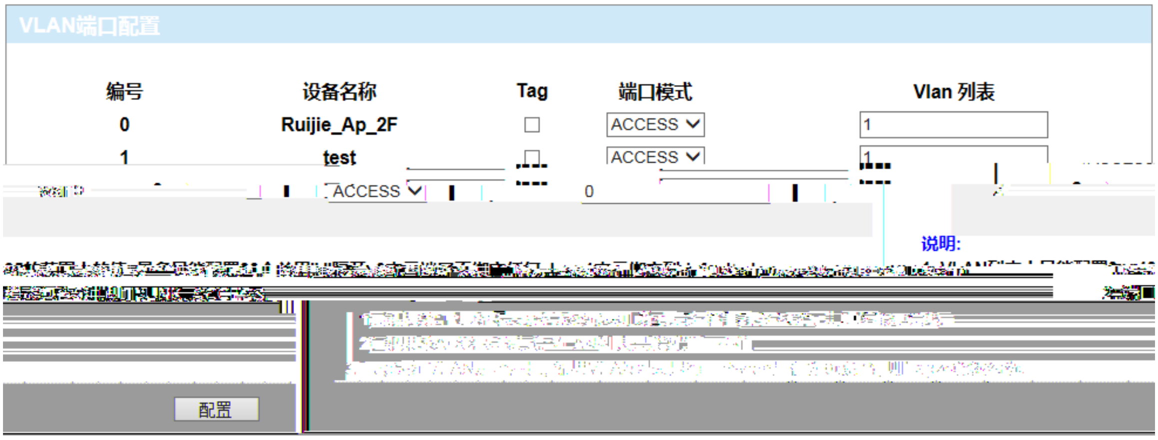
1.3.7.5

SSID-> ->

MAC

1.3.8 VLAN

VLAN-> VLAN

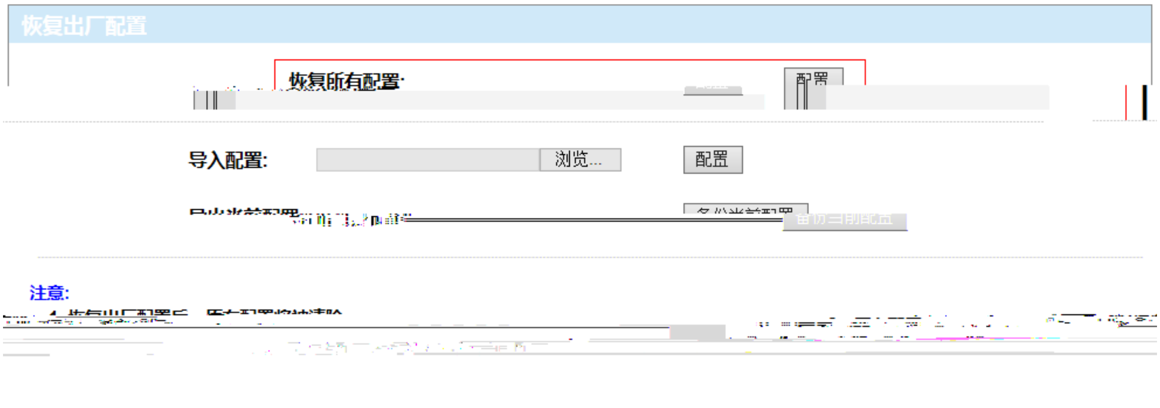


AP SSID VLAN SSID Tag 3430

SNTP

/IP IP

1.3.9.2 /



pc AP
192.168.1.1 AP

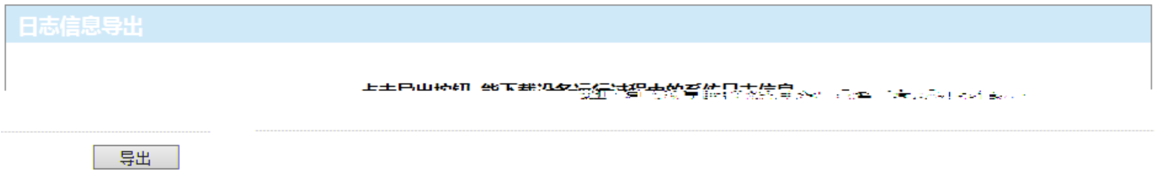
1.3.9.4

->

70s

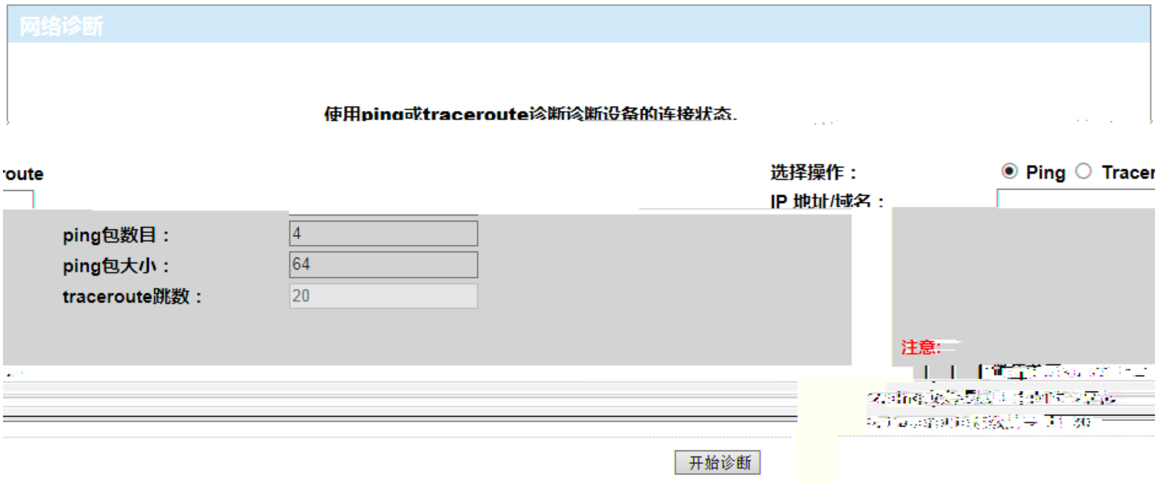
1.3.9.6

->



1.3.9.7

->



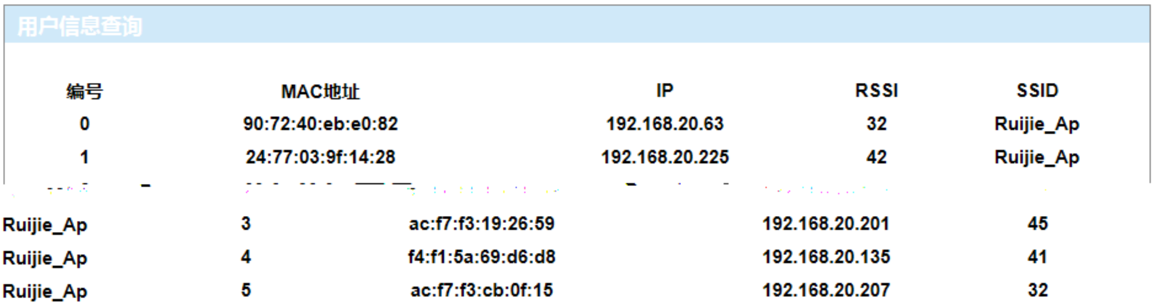
Ping Ping IP / ping ping
ping

Traceroute Traceroute IP / traceroute
traceroute

1.3.10

1.3.10.1

->



用户信息查询

编号	MAC地址	IP	RSSI	SSID
0	90:72:40:eb:e0:82	192.168.20.63	32	Ruijie_Ap
1	24:77:03:9f:14:28	192.168.20.225	42	Ruijie_Ap
3	ac:f7:f3:19:26:59	192.168.20.201	45	Ruijie_Ap
4	f4:f1:5a:69:d6:d8	192.168.20.135	41	Ruijie_Ap
5	ac:f7:f3:cb:0f:15	192.168.20.207	32	Ruijie_Ap

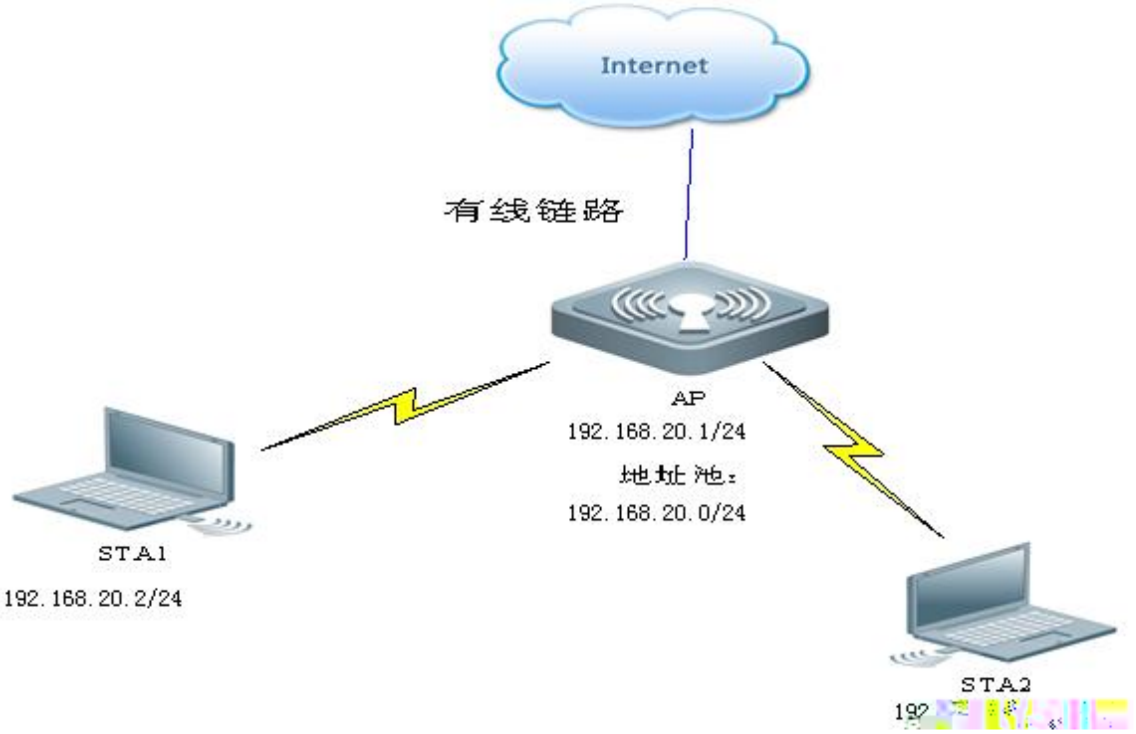
AP MAC IP RSSI SSID

1.4 WEB 1

1.4.1

1. ap ap
2. dhcp ap

1.4.2



1

1.4.3

1.
2. WAN IP
3. LAN IP
4. SSID
5. SSID

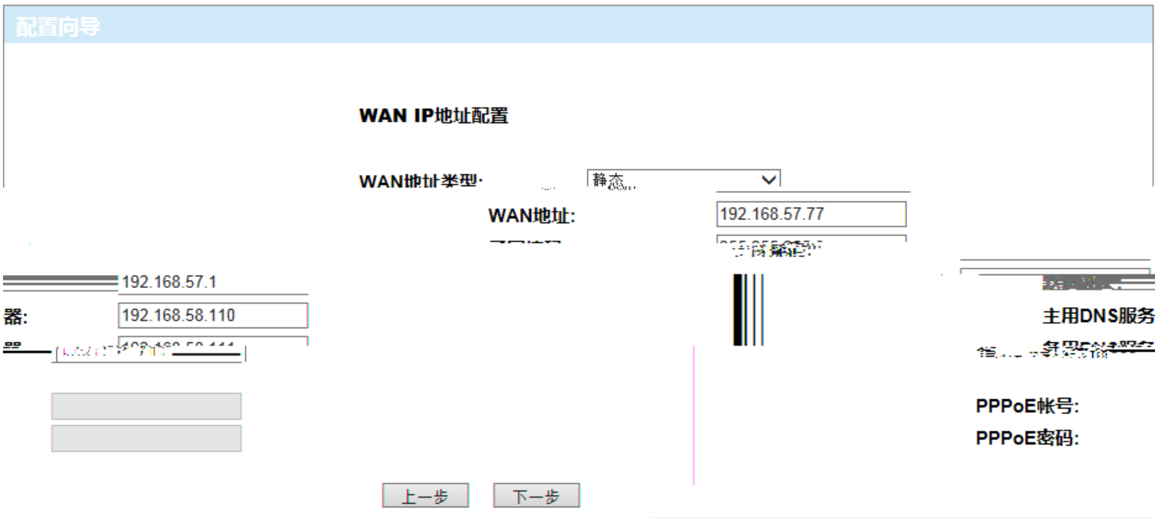
1.4.4

1

NAT

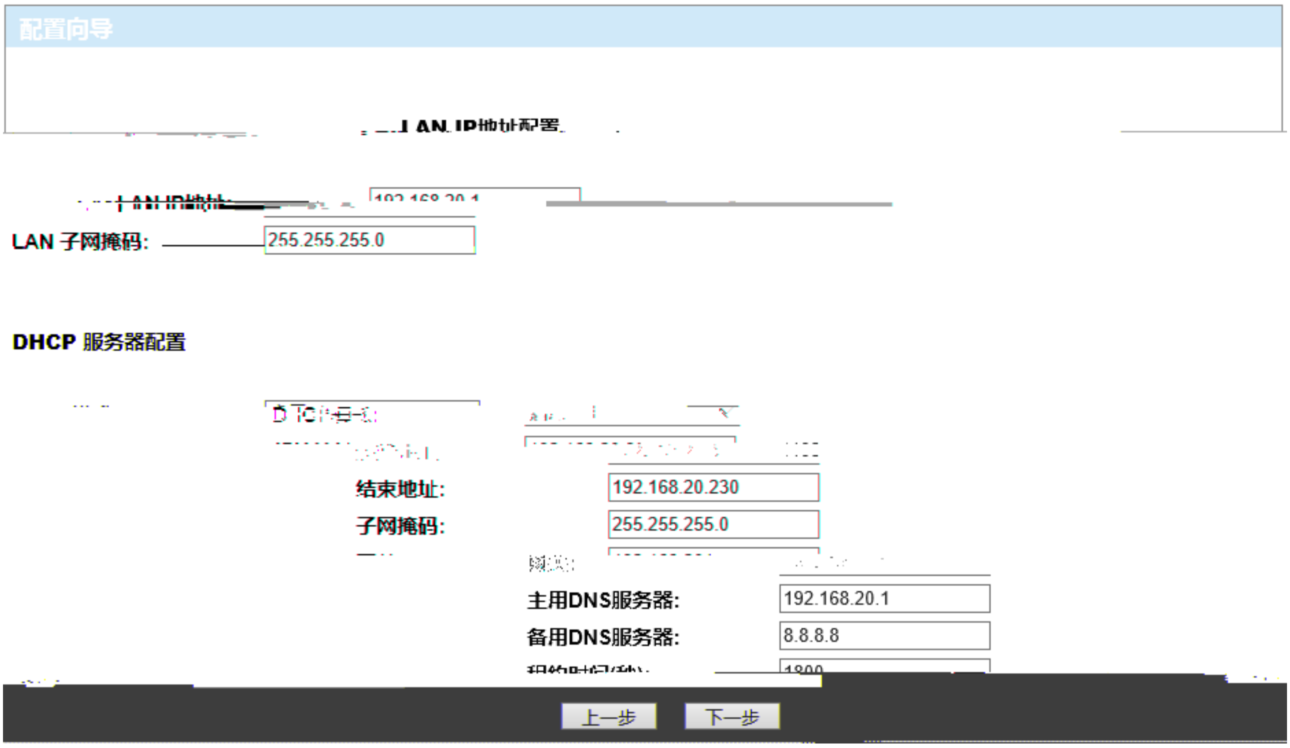
2 WAN IP

WAN IP IP



3 LAN IP DHCP

LAN IP AP IP



4 SSID ssid, Ruijie_Ap ssid

1. ssid Ruijie_Ap, ip 192.168.20.40

2. pc ap

http://192.168.57.77 web

ip ip web

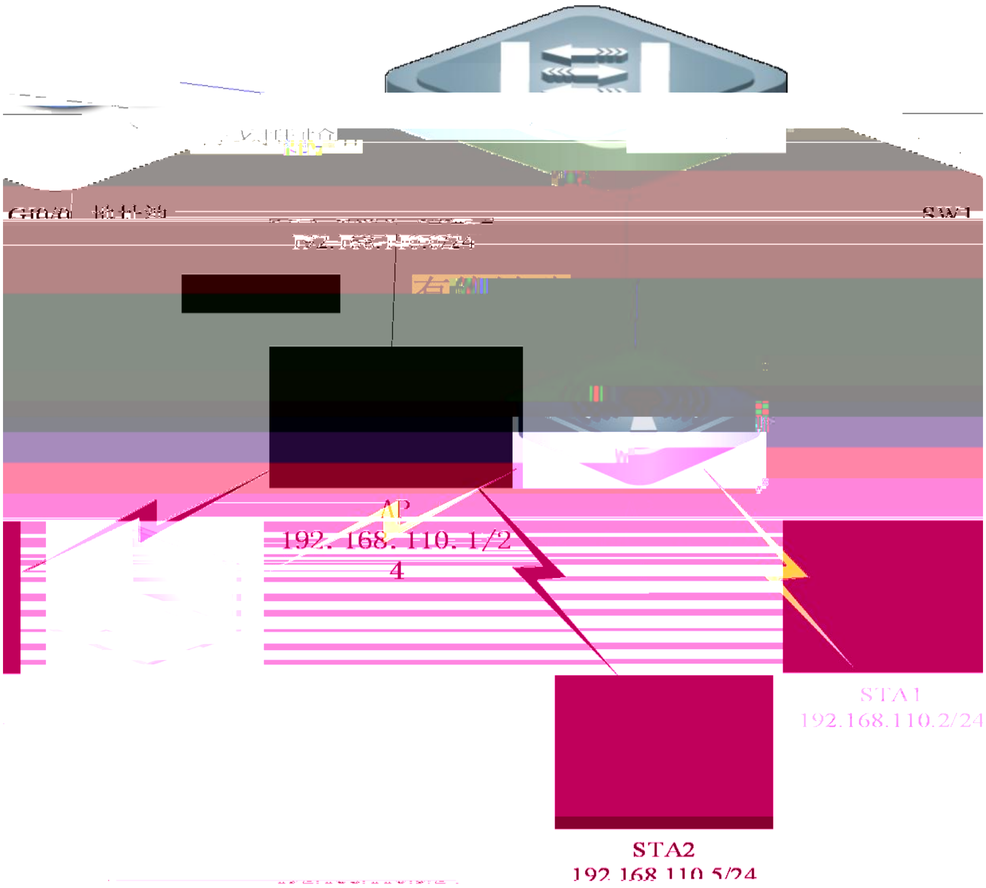
1.5 WEB 2

1.5.1

1. ap ap

2. dhcp ap dhcp

1.5.2



2

1.5.3

1

2 ip

3 SSID

4 SSID

5

1.5.4

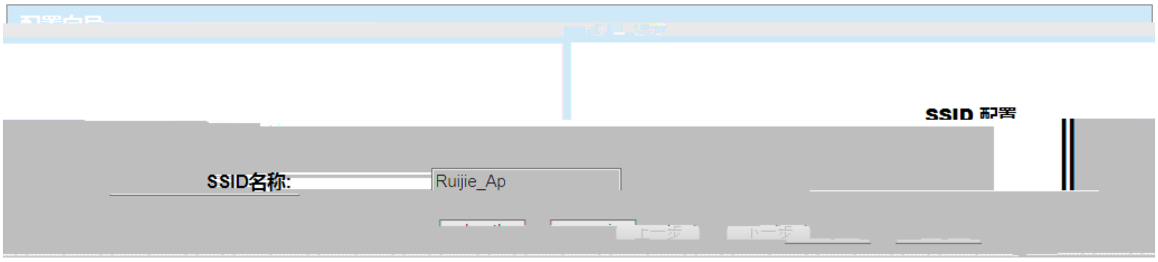
1

AP

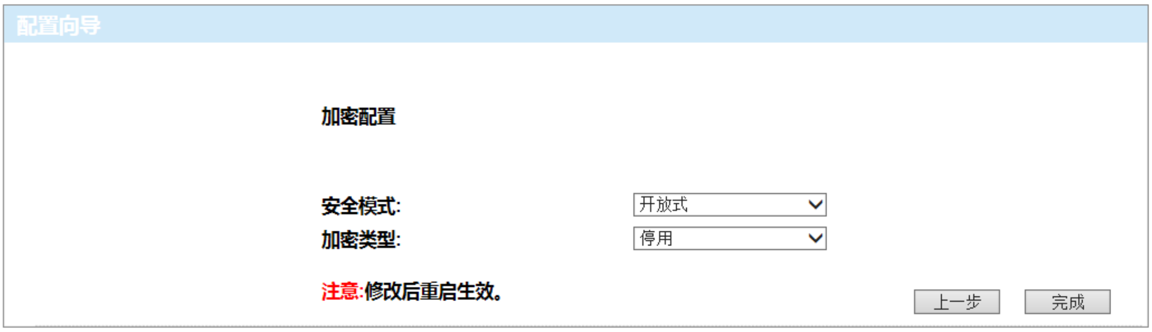
2 IP

IP

3 SSID



4 SSID



WPA-PSK/WPA2-PSK 8~63

1. vlan

config

Ruijie(config)#int vlan 1

Ruijie(config-if-VLAN 1)#ip add 192.168.110.2 255.255.255.0

2.

config :

Ruijie(config)#service dhcp

Ruijie(config)#ip dhcp pool sta_dhcp

Ruijie(dhcp-config)#network 192.168.110.0 255.255.255.0

Ruijie(dhcp-config)#dns-server 192.168.58.110

Ruijie(dhcp-config)#default-router 192.168.110.2

3.

Ruijie(config)#ip route 0.0.0.0 0.0.0.0 1.1.1.1

1.5.5

```
Ruijie#show run

Building configuration...
Current configuration : 2374 bytes

!
version RGOS 10.4(3b16) Release(82376)(Fri Sep  7 14:35:58 2012 -R03912)
!
!
!
redundancy
 auto-sync time-period 3600
 auto-sync standard
 switchover timeout 4000
!
!
!
!
!
!
!
!
```

```
!
!
!
ip dhcp pool aa
 network 192.168.110.0 255.255.255.0
 dns-server 192.168.58.110
 default-router 192.168.110.2
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
interface GigabitEthernet 0/1
```

```
!
interface GigabitEthernet 0/34
!
interface GigabitEthernet 0/35
!
interface GigabitEthernet 0/36
!
interface GigabitEthernet 0/37
!
interface GigabitEthernet 0/38
!
interface GigabitEthernet 0/39
!
interface GigabitEthernet 0/40
!
interface GigabitEthernet 0/41
!
interface GigabitEthernet 0/42
!
interface GigabitEthernet 0/43
!
interface GigabitEthernet 0/44
!
interface GigabitEthernet 0/45
!
interface GigabitEthernet 0/46
!
interface GigabitEthernet 0/47
!
interface GigabitEthernet 0/48
!
interface VLAN 1
```

```
 no ip proxy-arp
 ip address 192.168.1.2 255.255.255.0
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
ip route 0.0.0.0 0.0.0.0 1.1.1.1
!
!
!
line con 0
line vty 0 4
 login
!
!
end
```

1. ssid Ruijie_Ap, ip 192.168.110.5

2. pc / TJ181.994>] T9T.71B41E1 0 0F3 10.562CB41 0 35811 0 0 4EF1 0 08F61 0 0 B91 0