

WEB

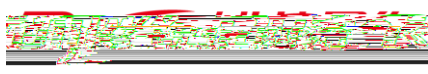
(AP)

RG-AP220-W

V1.0

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©2014



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](mailto: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

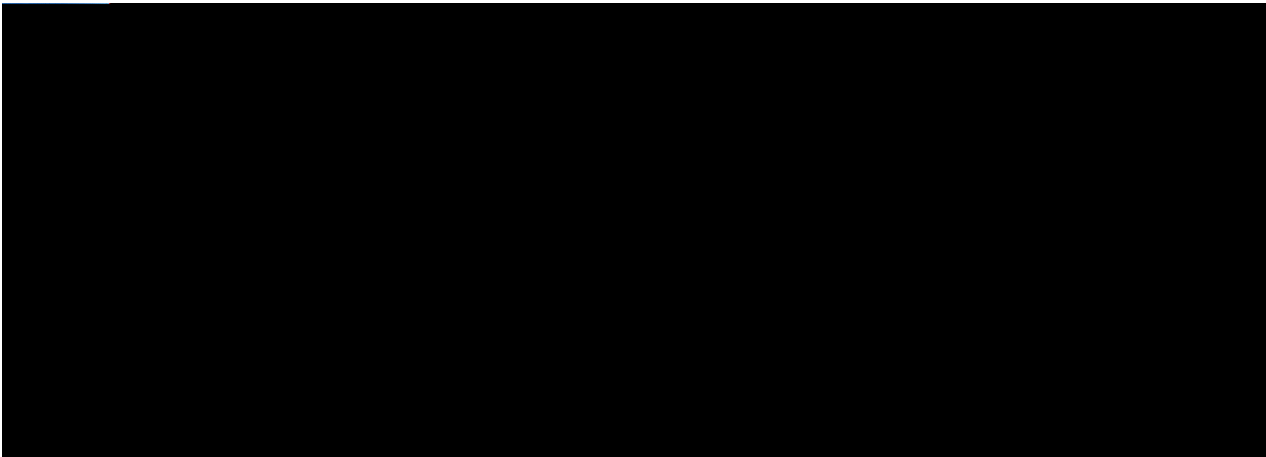
## 1.3.2

### 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

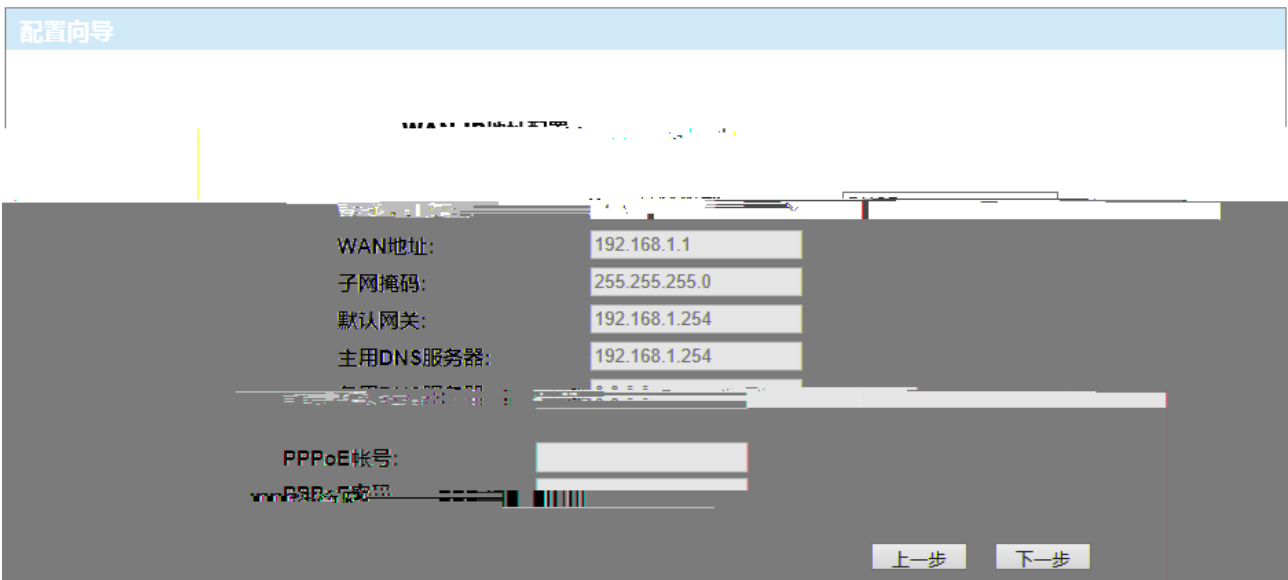
NAT



WAN

WAN

DHCP PPPoE



WAN

PPPoE

PPPoE

IP

WAN

DHCP

DHCP PPPoE

DHCP PPPoE

DNS

DHCP PPPoE

NAT

PPPoE

PPPoE

PPPoE

PPPoE

PPPoE

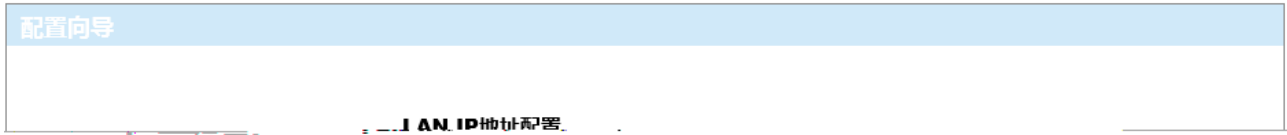
PPPoE

LAN

IP

DHCP

DHCP



LAN IP地址: 192.168.20.1

LAN 子网掩码: 255.255.255.0

**DHCP 服务器配置**

DHCP 服务器配置

开始地址: 192.168.20.230

子网掩码: 255.255.255.0

主用DNS服务器: 192.168.20.1

备用DNS服务器: 8.8.8.8

租约时间(秒): 4800

上一步 下一步

LAN IP

AP

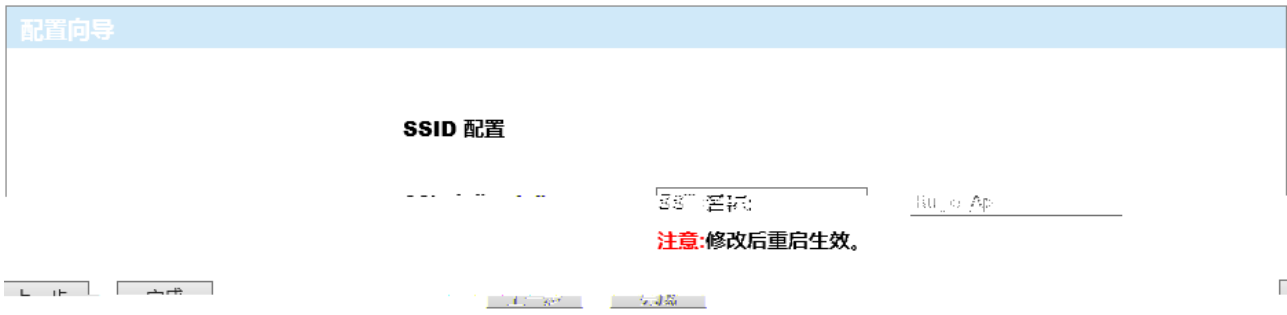
IP

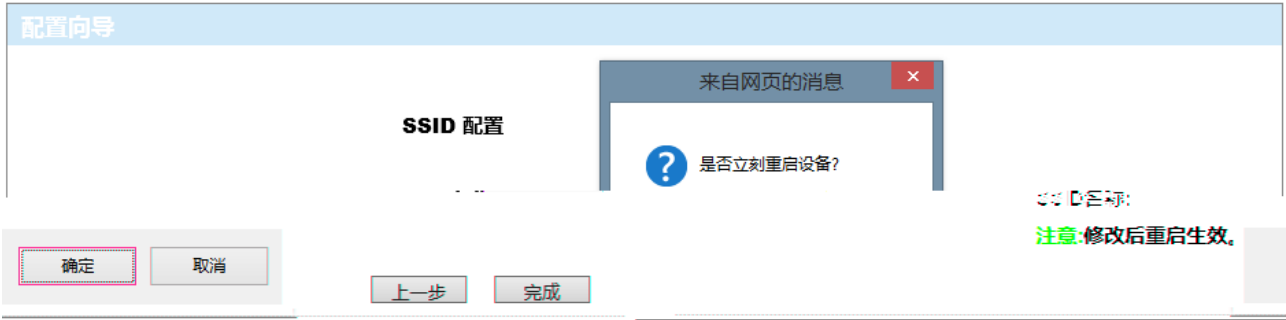
DHCP

DHCP

LAN IP

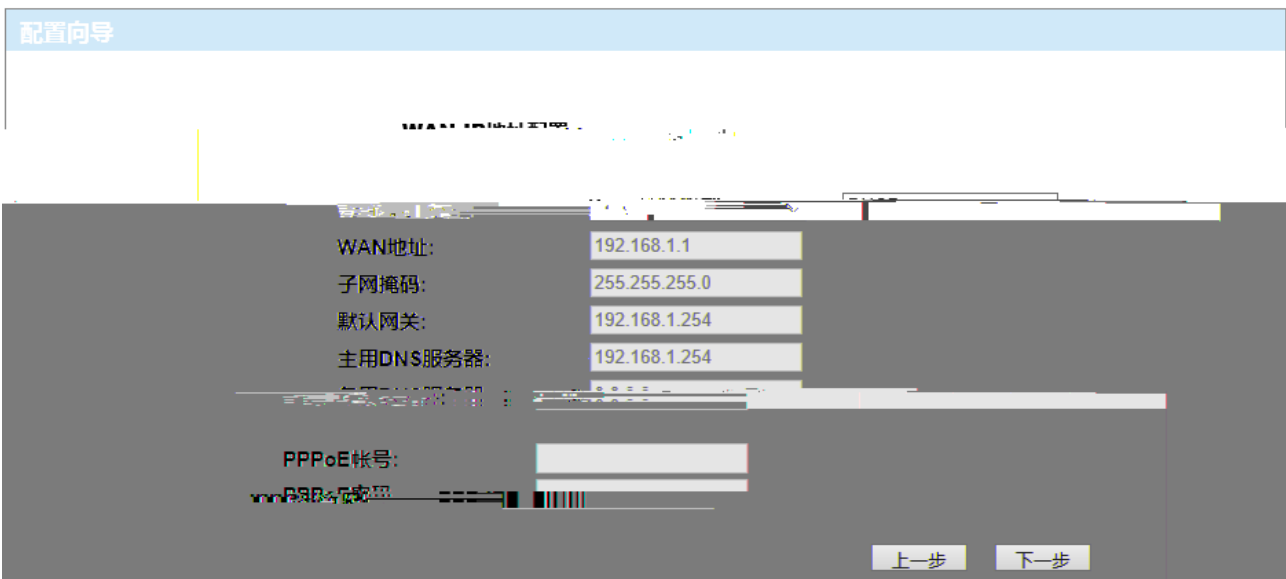
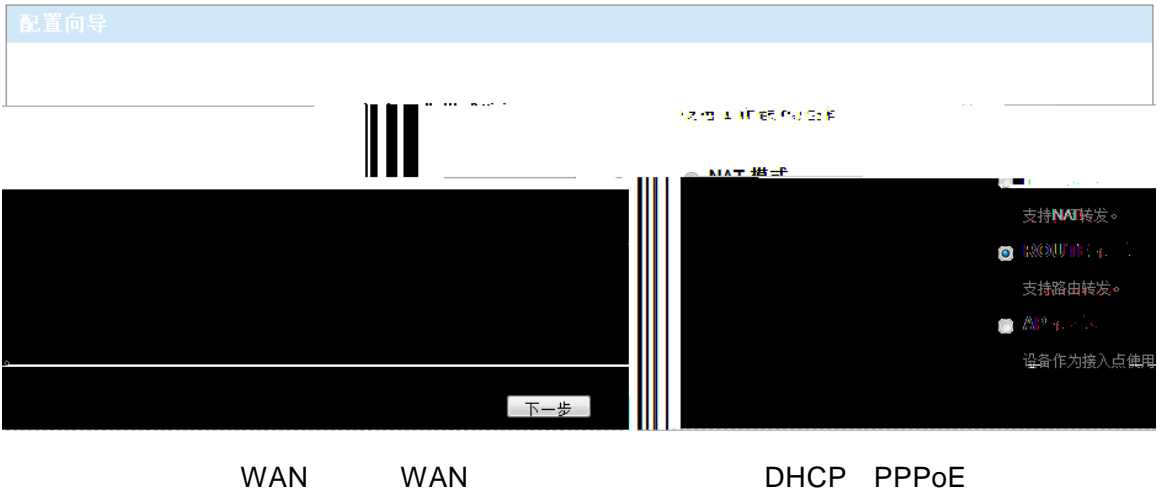
SSID





### 1.3.2.1.2 ROUTE

#### ROUTE



WAN

PPPoE

PPPoE

IP

WAN

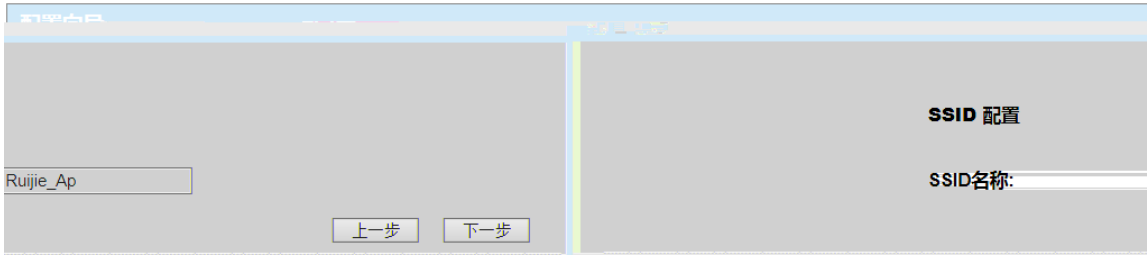
DHCP

DHCP PPPoE

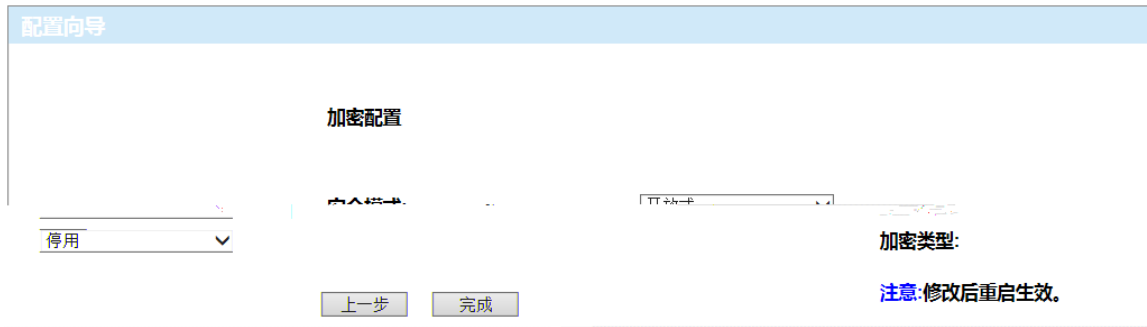
DHCP PPPoE

DNS

DHCP

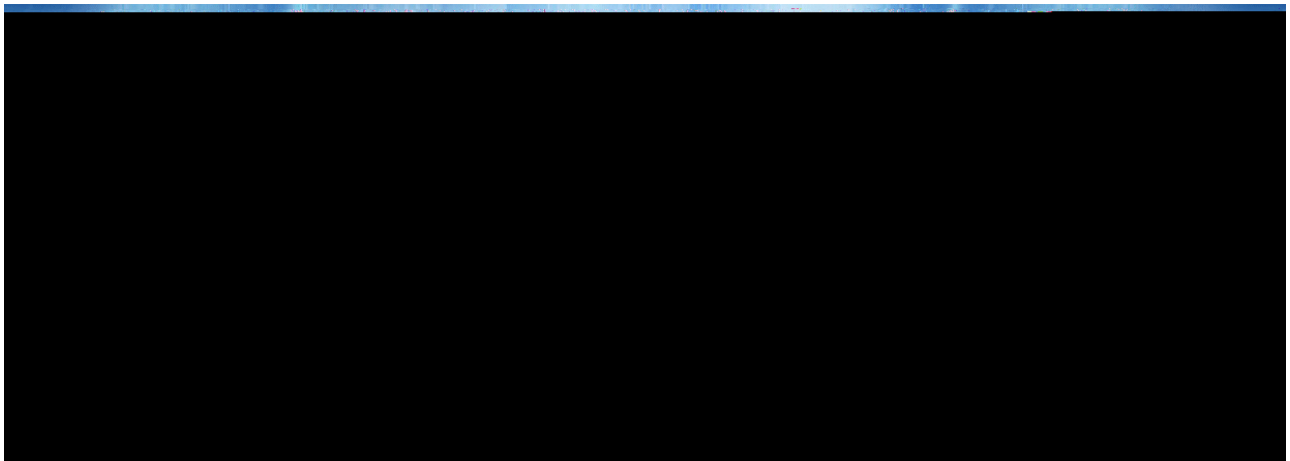


SSID



### 1.3.2.1.3 AP

AP



IP IP

DHCP

配置向导

**IP地址配置**

IP地址类型: DHCP

IP地址: 192.168.1.1

子网掩码: 255.255.255.0

默认网关: 192.168.1.254

主用DNS服务器: 192.168.1.254

备用DNS服务器: 0.0.0.0

上一步 下一步

SSID

配置向导

Ruijie\_Ap

**SSID 配置**

SSID名称:

上一步 下一步

SSID

配置向导

**加密配置**

安全模式: WPA2-PSK

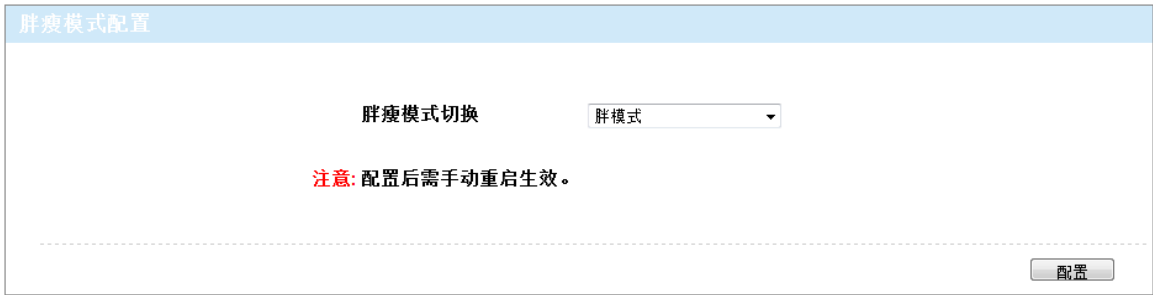
加密类型:

停用

上一步 完成

**注意:**修改后重启生效。

1.3.3



AP

AC

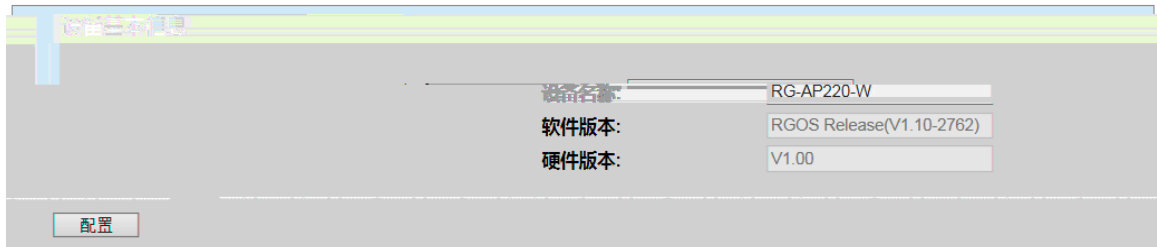
AP

AP

### 1.3.4

#### 1.3.4.1

->



AP

AP

AP

#### 1.3.4.2

->



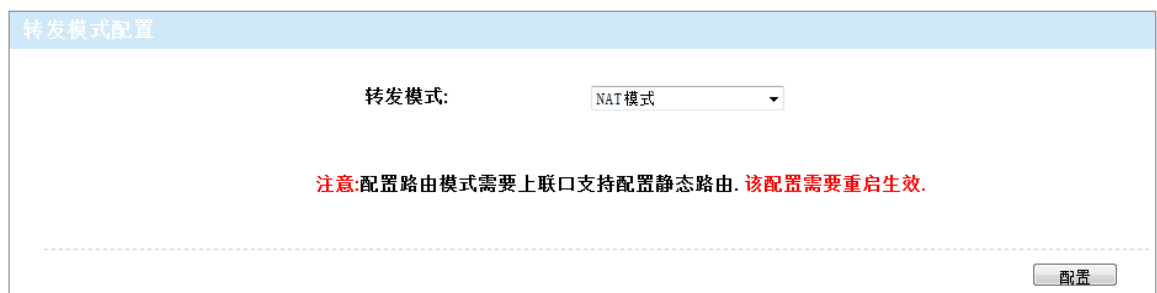


AP NAT ROUTE WAN IP  
 IP AP DHCP

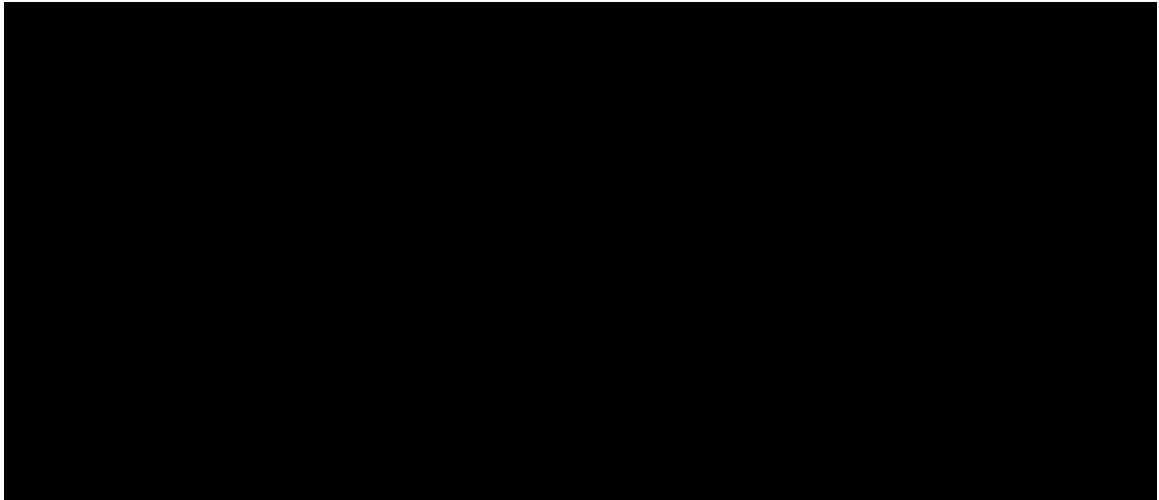
### 1.3.5.3

AP -> NAT ROUTE

#### 1.3.5.3.1 NAT



NAT WAN



## DHCP

### DHCP服务器配置

DHCP全局开关:

DHCP 地址池配置

LAN IP地址:

LAN 子网掩码:

起始地址:

结束地址:

子网掩码:

网关:

主DNS服务器地址:

备DNS服务器地址:

租约时间(秒):

绑定VLAN:

192.168.20.230

255.255.255.0

192.168.20.1

: 192.168.20.1

: 8.8.8.8

1800

1

### 1.3.5.3.2 ROUTE

### 转发模式配置

转发模式:

由. 该配置需要重启生效. 注意: 配置路由模式需要上联口支持配置静态路由

ROUTE  
DHCP

### 1.3.5.3.3 AP

转发模式配置

转发模式:

**注意** 配置路由模式需要上联口支持配置该路由 该配置需要重启生效

---

AP      DHCP

DHCP服务器配置

DHCP全局开关:

---

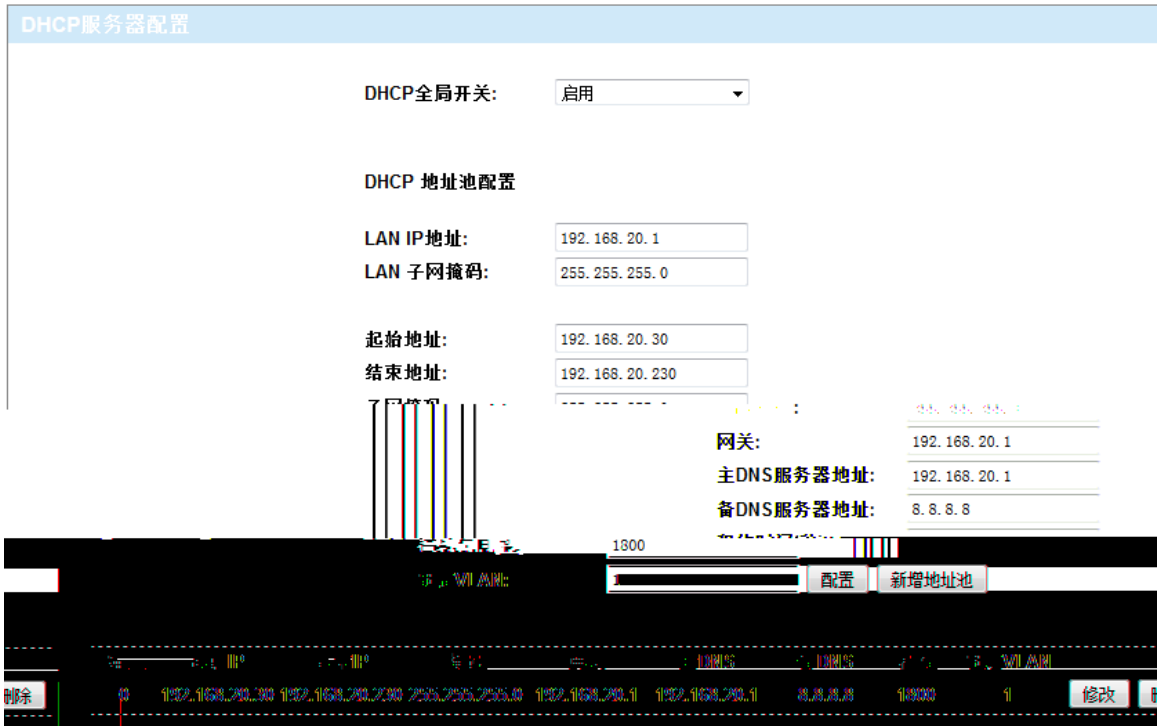
WAN管理

WAN地址类型:

192.168.58.177      WAN IP

|           |  |
|-----------|--|
| 子网掩码:     | <input type="text" value="255.255.255.128"/> |
| 默认网关:     | <input type="text" value="192.168.57.1"/>    |
| 主用DNS服务器: | <input type="text" value="192.168.58.100"/>  |
| 备用DNS服务器: | <input type="text" value="192.168.58.111"/>  |

### 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

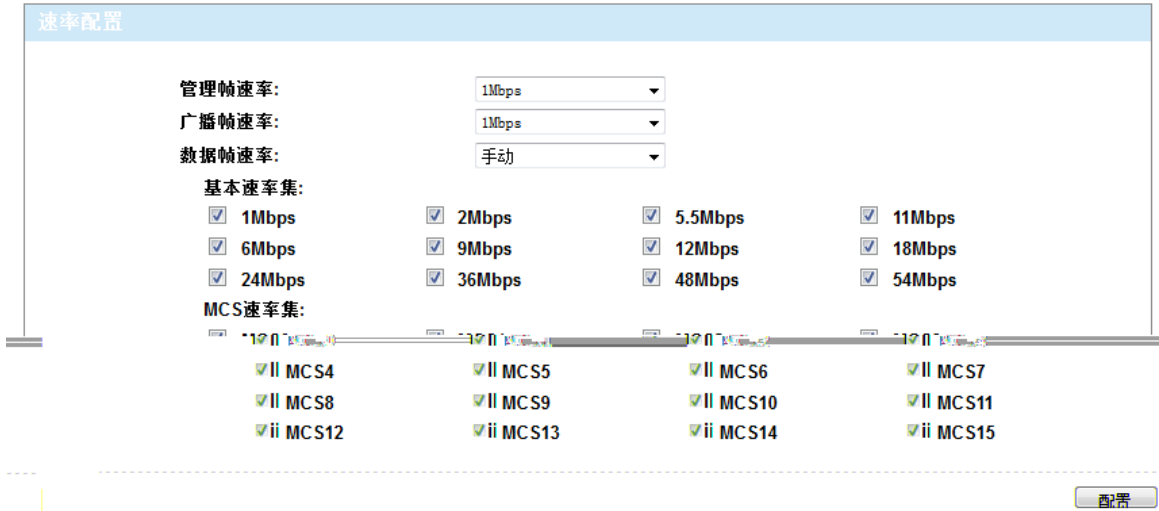
Wi-Fi->Wi-Fi 2.4GHz



王位格式:

dot11a/b





<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>

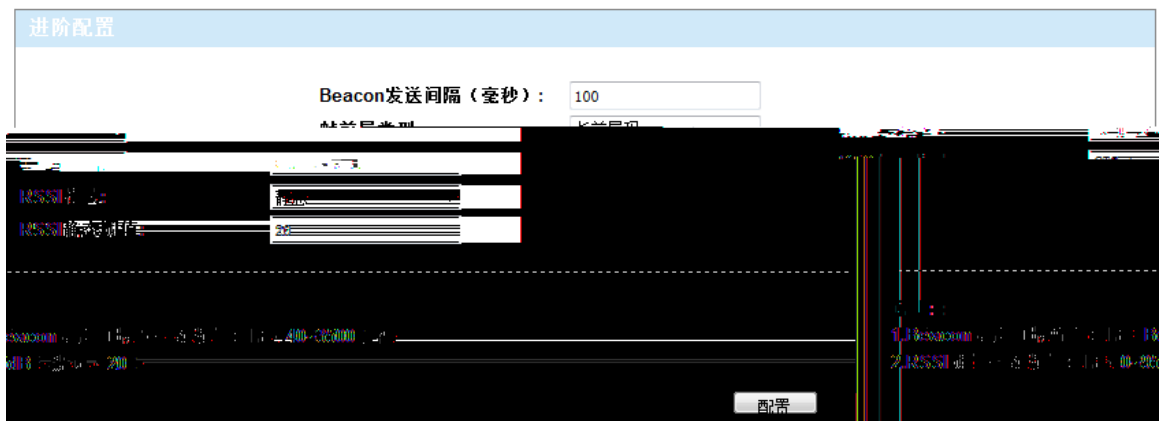
<1,2,5.5,11,6,9,12,18,24,36,48,54Mbps> Basic Rate dot11b

dot11g dot11b/g

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

### 1.3.6.3

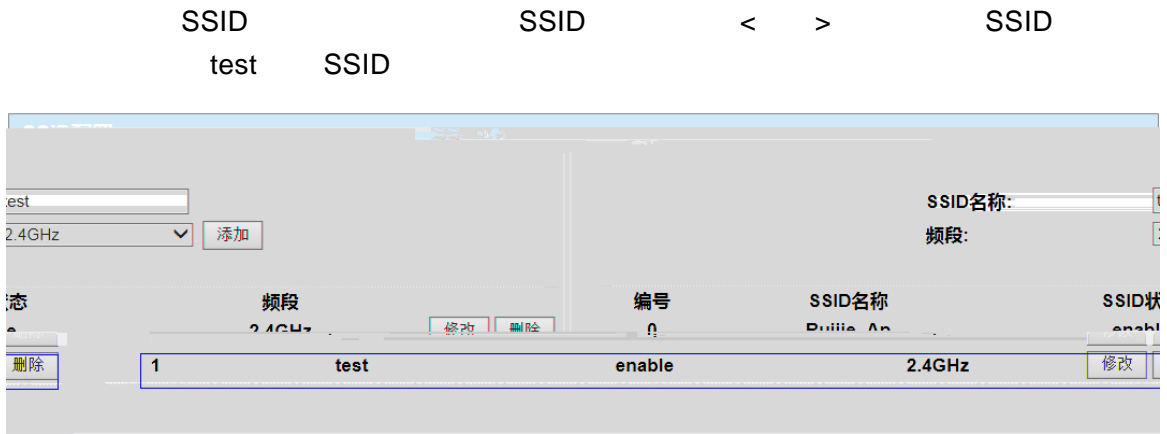
Wi-Fi 2.4GHz ->





### 1.3.7 SSID

#### 1.3.7.1 / SSID



SSID                      1~31

SSID                      2.4GHz

SSID                      <   >                      SSID

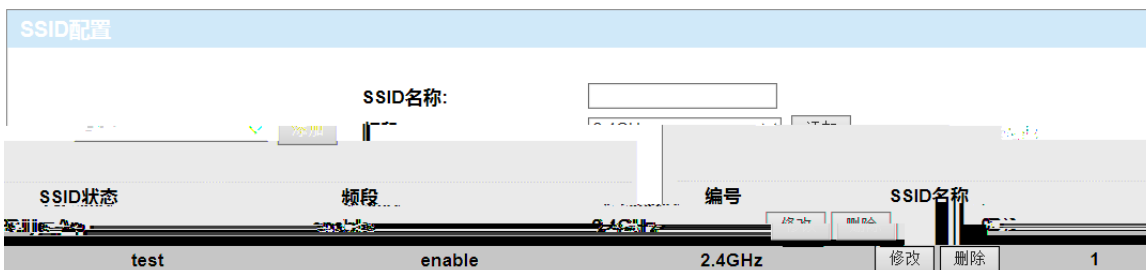
SSID                      <   >

#### 1.3.7.2 SSID

SSID->                      ->                      SSID                      SSID                      SSID

##### 1.3.7.2.1 SSID

SSID->                      ->                      SSID





SSID                    1~31

### **1.3.7.2.2**

基本配置

加密配置

流控配置

高级配置

基本配置

SSID名称: test

频段: 2.4GHz

SSID状态: 启用

SSID广播: 广播

用户隔离: 启用

最大接入用户数: 128

终端保活时间(秒): 180

配置

SSID

SSID

### 1.3.7.2.4

SSID-> ->

基本配置

SSID名称: test

频段: 2.4GHz

SSID状态: 启用

SSID广播: 广播

用户隔离: 启用

最大接入用户数: 128

终端保活时间(秒): 180

配置

SSID

### 1.3.7.3 SSID

SSID-> ->

WPA-PAK

WPA2-PSK WPA-PSK/WPA2-PSK WPA WPA2 WPA/WPA2

SSID配置

SSID名称: Ruijie\_Ap

频段: 2.4GHz

| 信号 | SSID名称    | SSID状态 | 频段     |
|----|-----------|--------|--------|
| 0  | Ruijie_Ap | enable | 2.4GHz |

修改 删除

基本配置 | **加密配置** | 流控配置 | 高级配置

加密配置

安全模式: 开放式

加密类型: 停用

配置

### 1.3.7.3.1 WPA-PSK/WPA2-PSK

基本配置 | **加密配置** | 流控配置 | 高级配置

加密类型: 自动

密钥: test-test

密钥更新周期(秒): 3600

配置

WPA-PSK/WPA2-PSK

aes tkip

8~63

3600

### 1.3.7.3.2 802.1x

基本配置 | **加密配置** | 透传配置 | 高级配置

---

**加密配置**

加密类型: 自动

认证服务器IP地址:

认证服务器密码:

计费服务器IP地址:

计费服务器端口:

计费服务器密码:

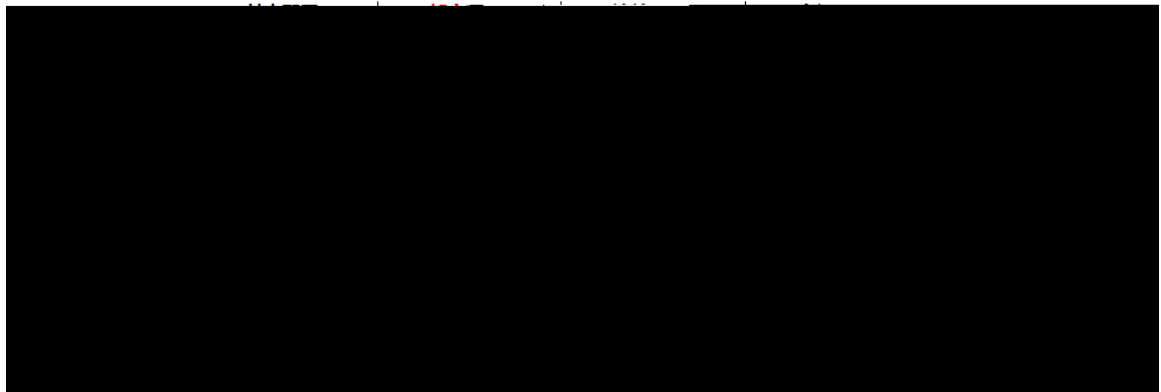
认证消息间隔 (秒):

Radius服务器老化时间 (秒):

配置

/ IP  
1~10s  
Radius 1~10s

### 1.3.7.3.3 Share-key



WEP

ASCII

64-bit 128-bit

### 1.3.7.4

SSID-> ->

基本配置 | 高级配置 | 流控配置 | 有线配置

---

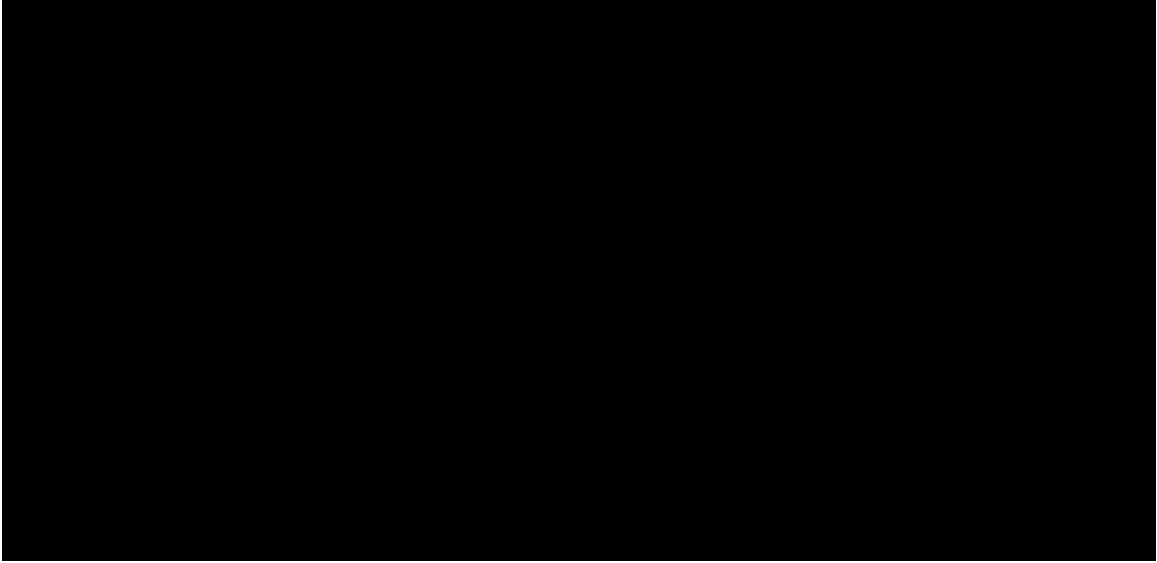
SSID/用户级流量控制

|  |   |   |   |    |   |  |
|--|---|---|---|----|---|--|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">0</td></tr> <tr><td style="text-align: center;">0</td></tr> <tr><td style="text-align: center;">0</td></tr> <tr><td style="text-align: center;">停用</td></tr> </table> | 0 | 0 | 0 | 停用 | 流控开关: <input type="text" value="停用"/><br>SSID上行限速(Kbps): <input type="text" value="0"/> | SSID下行限速(Kbps):<br>用户上行限速(Kbps):<br>用户下行限速(Kbps):<br>公平接入功能: |
| 0  |   |   |   |    |   |  |
| 0  |   |   |   |    |   |  |
| 0  |   |   |   |    |   |  |
| 停用   |   |   |   |    |   |  |

|                |      |         |                 |
|----------------|------|---------|-----------------|
| SSID           | Kbps | SSID    |                 |
| SSID           | Kbps | SSID    |                 |
|                | Kbps |         |                 |
|                | Kbps |         |                 |
|                |      |         | (802.11a/b/g/n) |
| Time Fairness) |      | 802.11b | (Air            |
| 802.11n        |      | 802.11g | AP              |

### 1.3.7.5

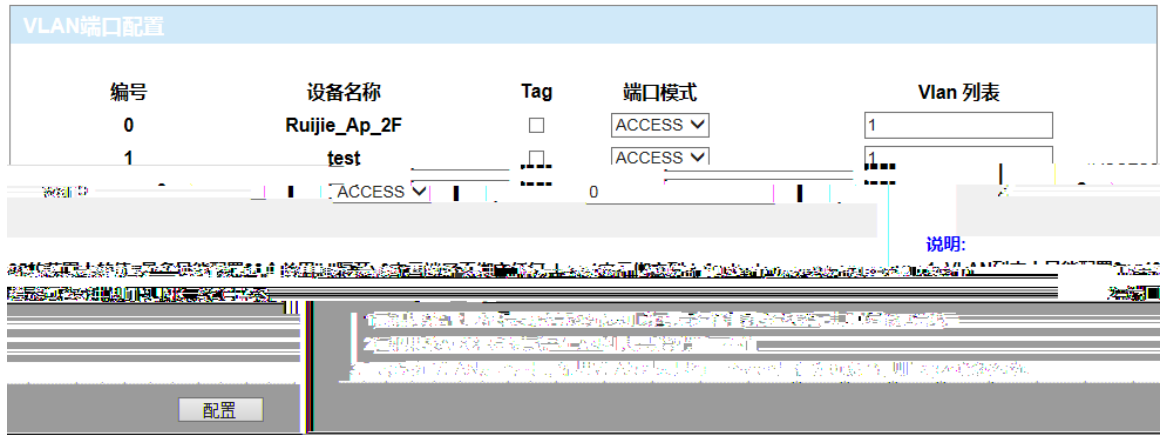
SSID-> ->



MAC

### 1.3.8 VLAN

VLAN-> VLAN



AP                      SSID                      VLAN                      SSID                      Tag

343



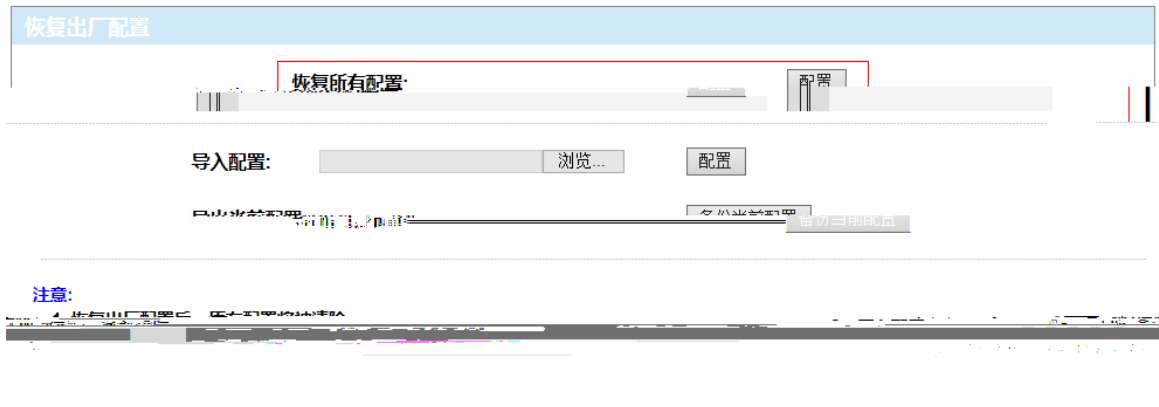
SNTP

/IP

IP

1.3.9.2

/

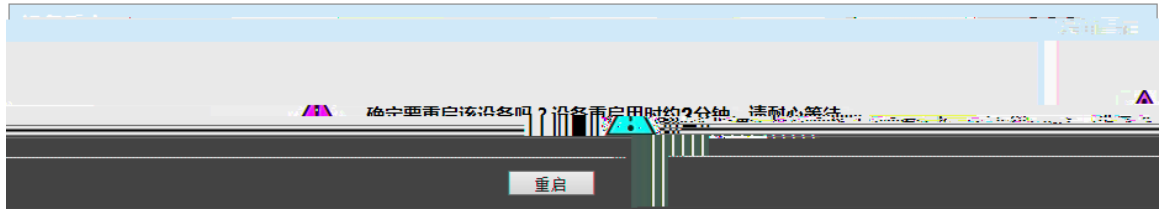


192.168.1.1      AP

pc      AP

### 1.3.9.4

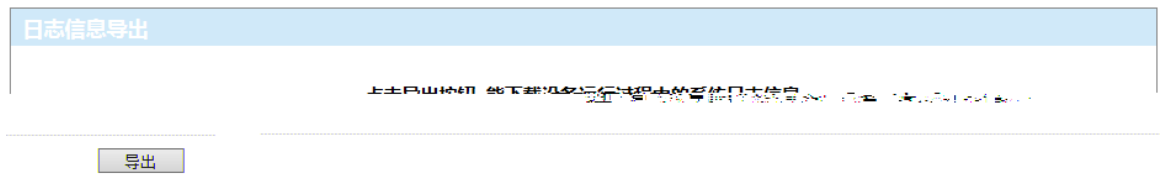
->



70s

### 1.3.9.6

->

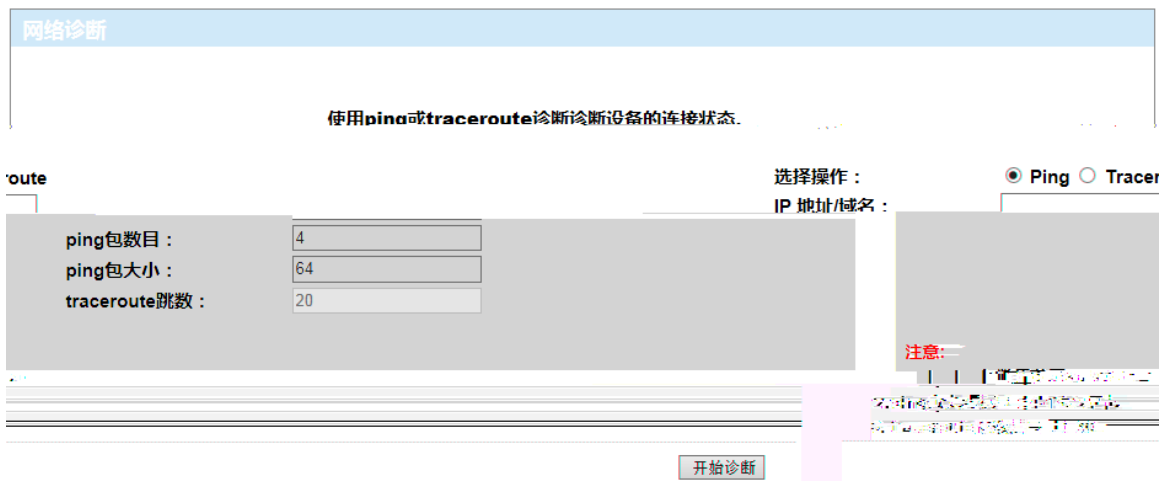


### 1.3.9.7

->







Ping                      Ping                      IP                      /                      ping                      ping  
    ping  
 Traceroute                      Traceroute                      IP                      /                      traceroute  
    traceroute

### 1.3.10

#### 1.3.10.1

->

| 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      |
| 45 | Ruijie_Ap         | 3              | ac:f7:f3:19:26:59 | 192.168.20.201 |
| 41 | Ruijie_Ap         | 4              | f4:f1:5a:69:d6:d8 | 192.168.20.135 |
| 32 | Ruijie_Ap         | 5              | ac:f7:f3:cb:0f:15 | 192.168.20.207 |

AP    MAC                      IP                      RSSI                      SSID

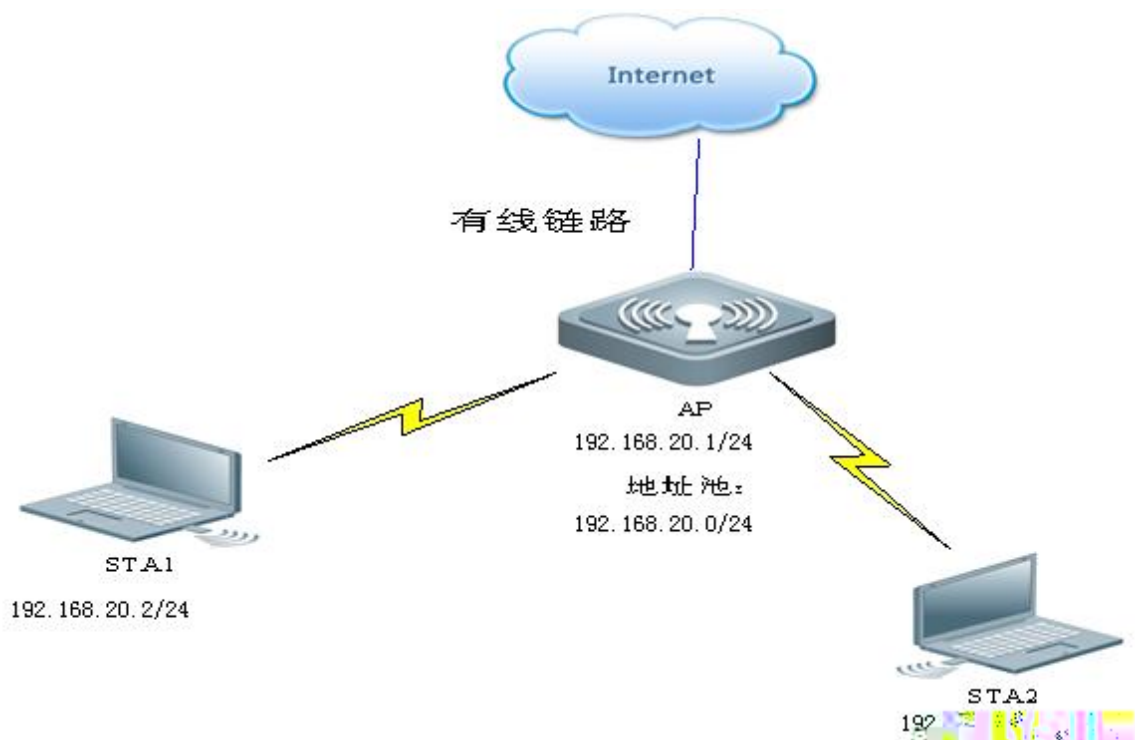
## 1.4 WEB

1

### 1.4.1

1. ap ap
2. dhcp ap

### 1.4.2



1

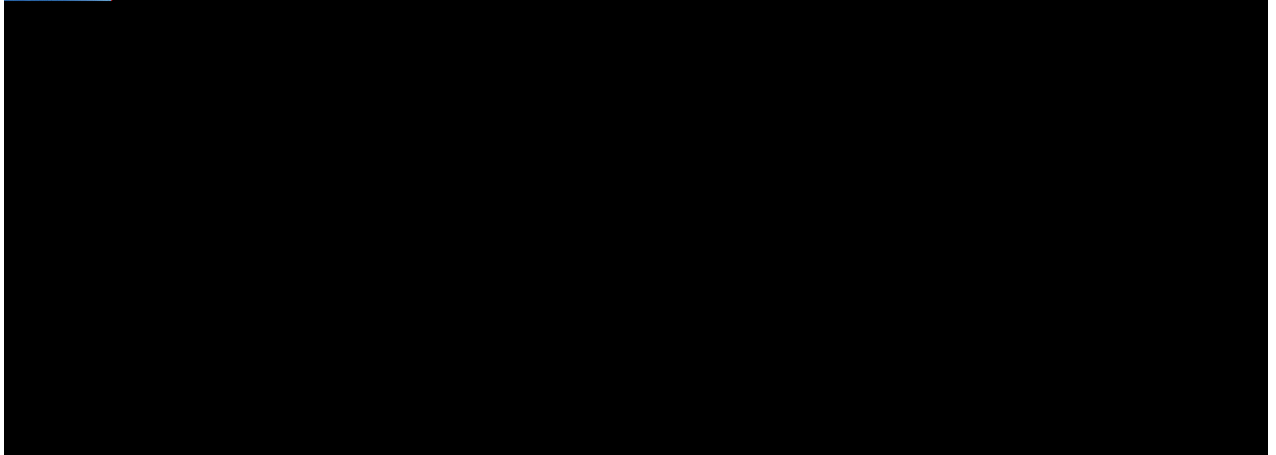
### 1.4.3

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

## 1.4.4

1

### NAT



2 WAN IP

WAN IP

IP

配置向导

**WAN IP地址配置**

WAN地址类型:

WAN地址:

用DNS服务器:

PPPoE帐号:

PPPoE密码:

3 LAN IP DHCP

LAN IP AP

IP

配置向导

LAN IP地址配置  
LAN IP地址: 192.168.20.1  
LAN子网掩码: 255.255.255.0

DHCP 服务器配置

DHCP 服务器配置

|           |                |
|-----------|----------------|
| 开始地址:     | 192.168.20.230 |
| 结束地址:     | 192.168.20.230 |
| 子网掩码:     | 255.255.255.0  |
| 主用DNS服务器: | 192.168.20.1   |
| 备用DNS服务器: | 8.8.8.8        |
| 租约时间(秒):  | 1800           |

上一步 下一步

4 SSID ssid, Ruijie\_Ap ssid



### 1.5.3

- 1
- 2 ip
- 3 SSID
- 4 SSID
- 5

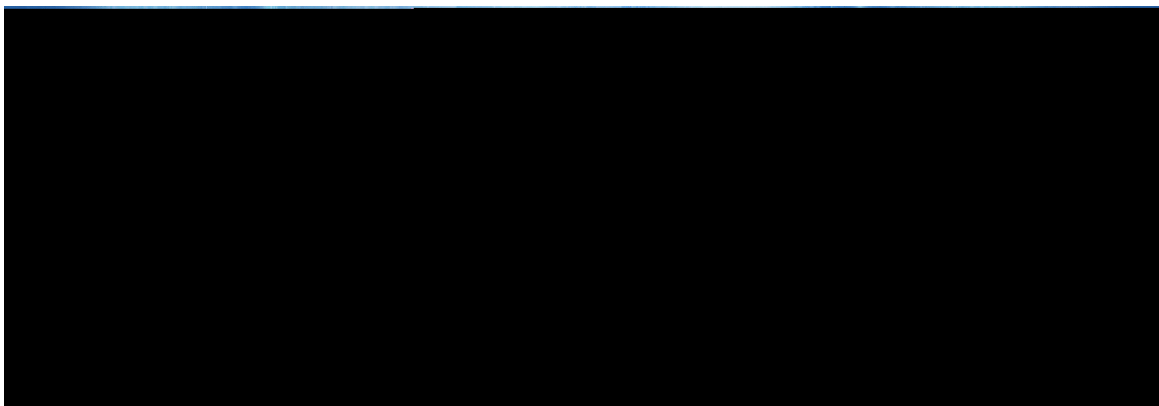
### 1.5.4

1

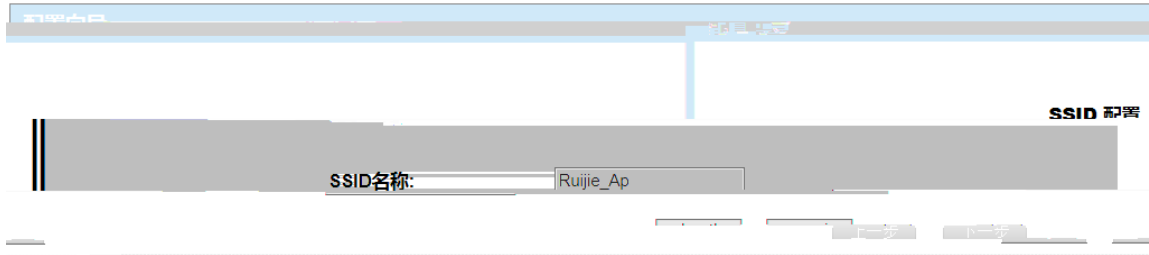
AP



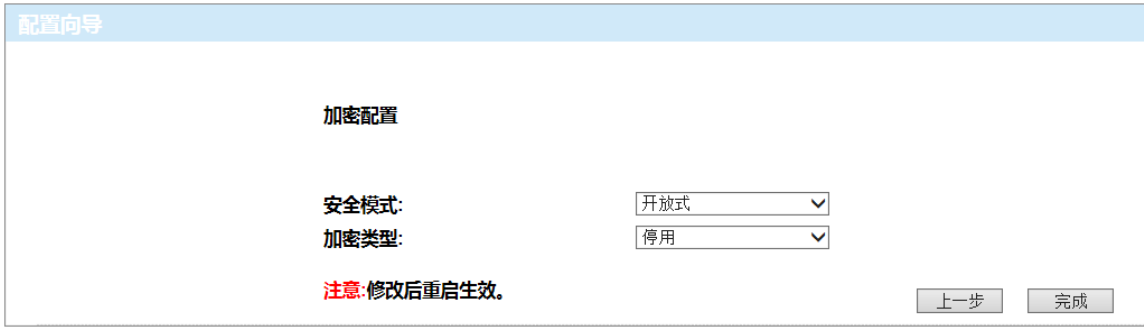
- 2 IP
- IP



- 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  
!  
!  
!  
!  
!  
!  
!  
!  
!
```







```
!  
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
```



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