



WEB

RSR20-X-28

RGOS 10.4(3b84 )

V1.0

©2017



RGOS®



Red-Giant®



锐捷®

RGOS 10.4 (3b84)

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

- 

<http://webchat.ruijie.com.cn>

- 

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

- 7 24

4008-111-000

- 

<http://bbs.ruijie.com.cn/portal.php>

- 

<http://www.ruijie.com.cn/service/know.aspx>

- 

[4008111000@ruijie.com.cn](mailto:4008111000@ruijie.com.cn)


[ ]        [ ]

{x|y|...}

[x|y|...]

//

2)

---



---

3)



# 1 WEB

## 1.1

---



RSR20-X-28 RSR20-X-52 RSR30-X-SPU10

---

### 1.1.1

WEB IE Firefox Chrome

WEB WEB WEB WEB  
WEB IE Firefox Chrome

### 1.1.2

WEB

WEB WEB  
HTTPS TLS1.0 HTTP

WEB

WEB WEB IE Firefox Chrome Safari WEB

## 1.2

### 1.2.1

- WEB
- WEB
- IP

- WEB WEB WEB
- IE Firefox Chrome Safari IE (Maxton)  
WEB
- PC 1280\*1024  
1440\*900 WEB

### 1.2.2

, WEB IP 192.168.1.1 255.255.255.0 WEB  
 admin admin Windows XP

### WEB

WEB	
WEB	, IP 192.168.1.1
WEB	admin admin

 RSR10-X Slot1/0~Slot1/3;

 RSR20-X Slot1/0~Slot1/23;

 Slot1/0 Slot1/0

PC PC Slot1/0  
PC

PC IP

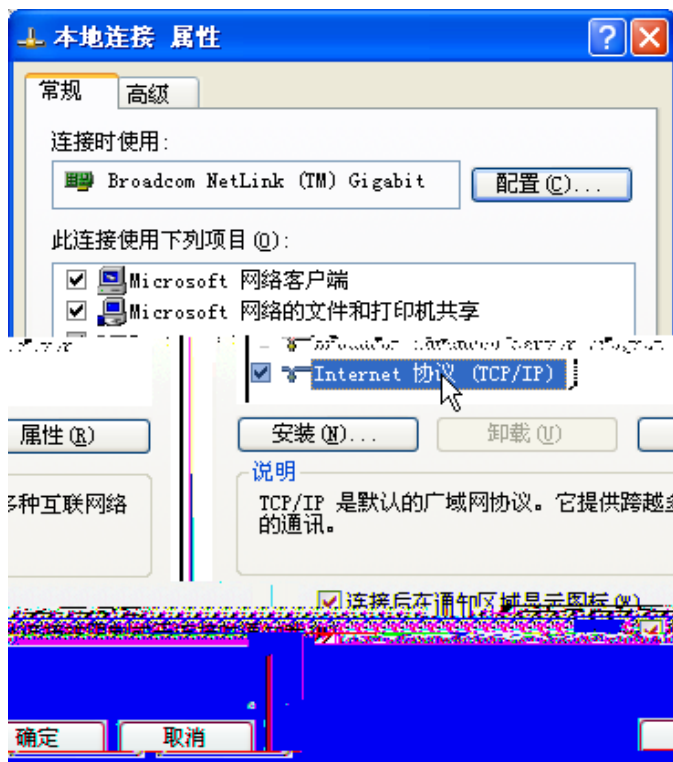
PC

1-1



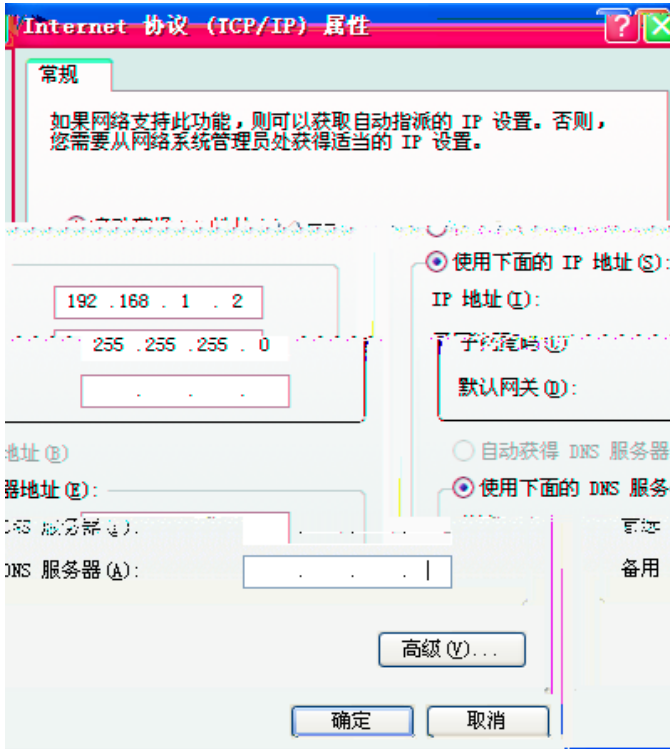
" " " " " Internet TCP/IP "

1-2



" " PC IP  
 " Internet TCP/IP " " IP " " IP " 192.168.1.xxx xxx  
 2 254 " " 255.255.255.0 " " 192.168.1.1 IP

1-3




---

IP 192.168.1.1 PC IP 1, " "

---

PC

PC " " -> " " -> " cmd" -> " "

ping ping 192.168.1.1

1-4

```

Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64

192.168.1.1:
4, Received = 4, Lost = 0 (0% loss),
ip times in milli-seconds:
aximum = 0ms, Average = 0ms

Ping statistics for 192.168.1.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
  
```

1-5

```
Request timed out.  
Request timed out.  
Request timed out.  
Request timed out.  
  
Ping statistics for 192.168.1.1:  
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

---

PC

TCP/IP

---

### 1.2.3 WEB

	WEB		WEB				
1)		Slot1/0					
2)				IE 7.0			
3)	IP	IP	192.168.1.xxx	xxx	2	254	
	255.255.255.0		192.168.1.1				
	IE	http://192.168.1.1	RSR	WEB		1-6	

---

 WEB IE10+ Apple Safari Firefox3.0

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1-6



admin/admin

WEB

1-7

1-7:



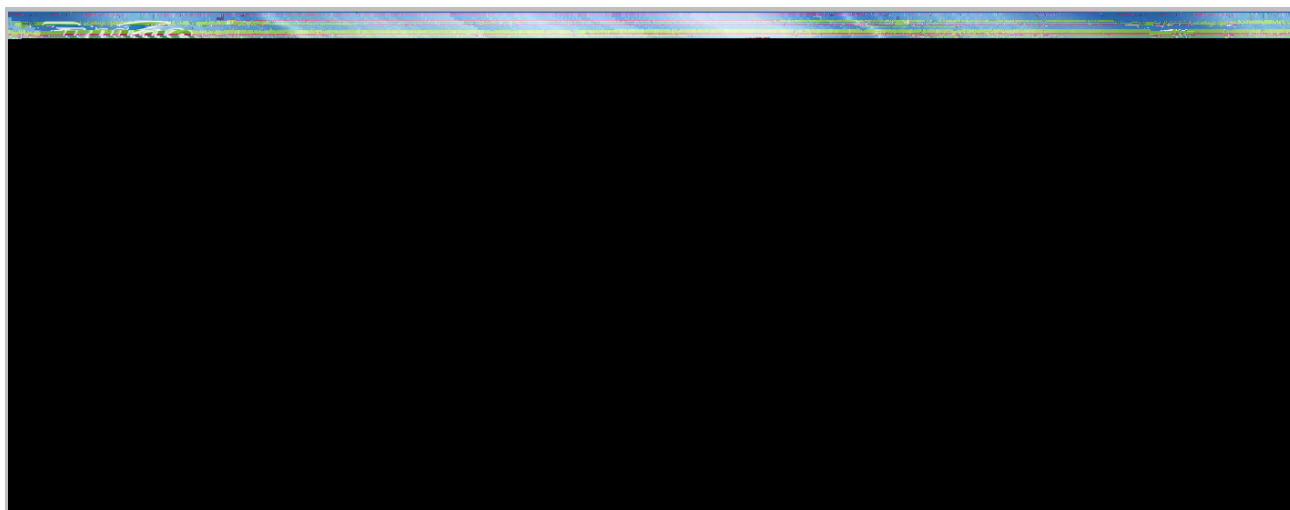
## 1.2.4 WEB

### 1.2.4.1

RSR WEB

1-8

1-8 WEB



1-8WEB

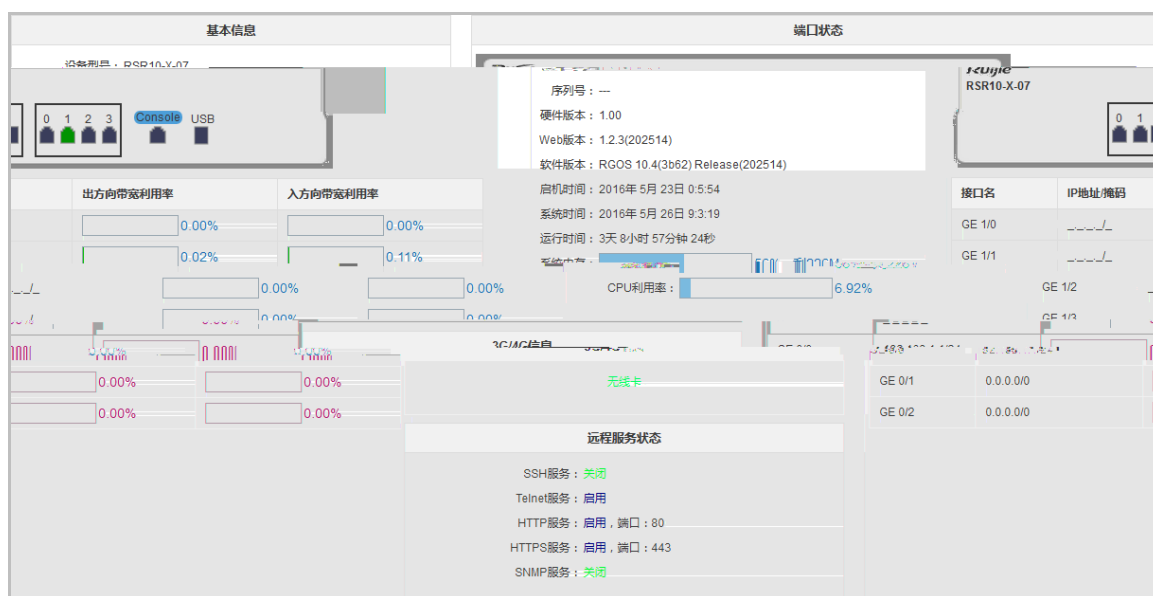
### 1.3

#### 1.3.1

CPU

WEB

1-9

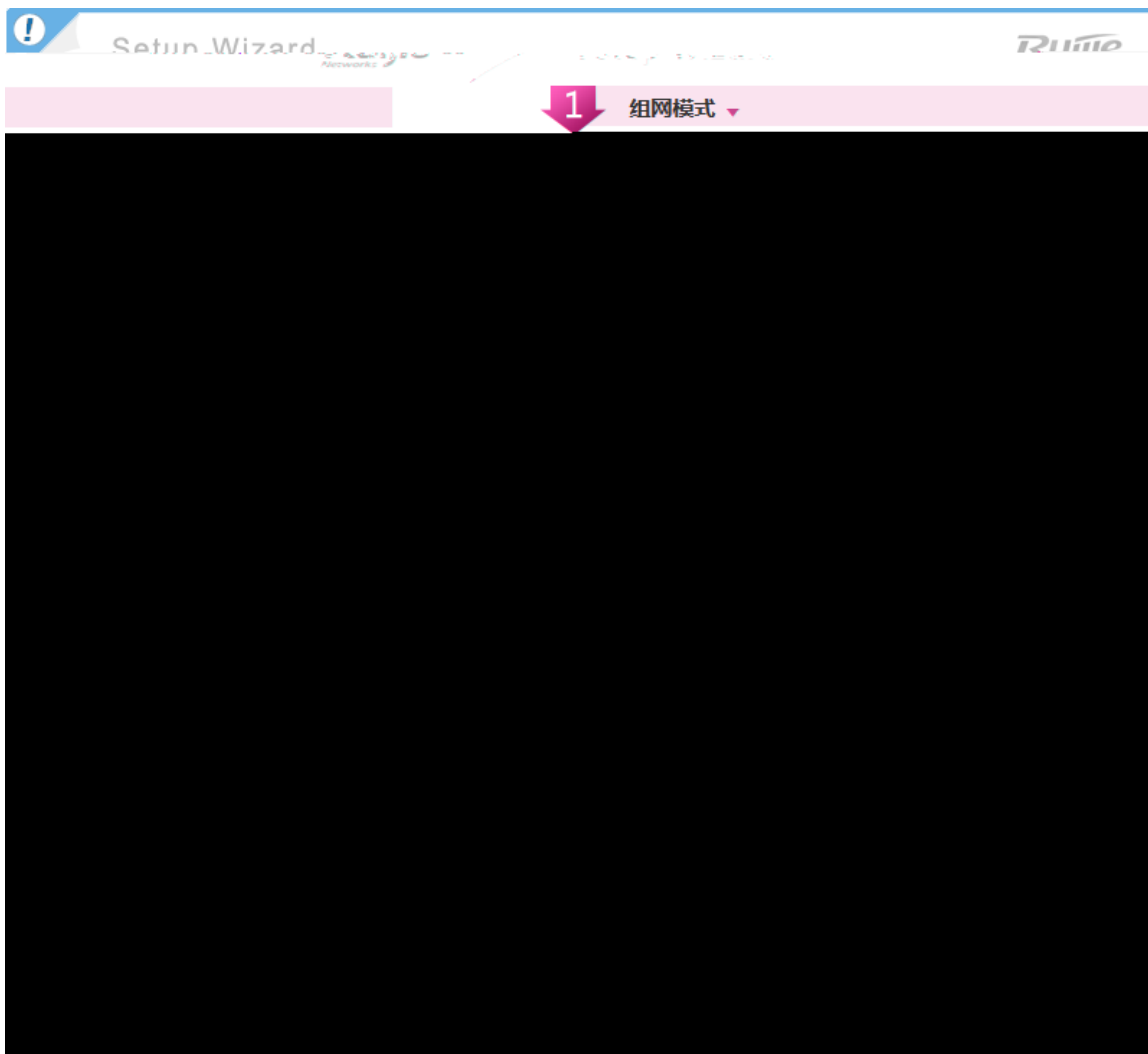


#### 1.3.2

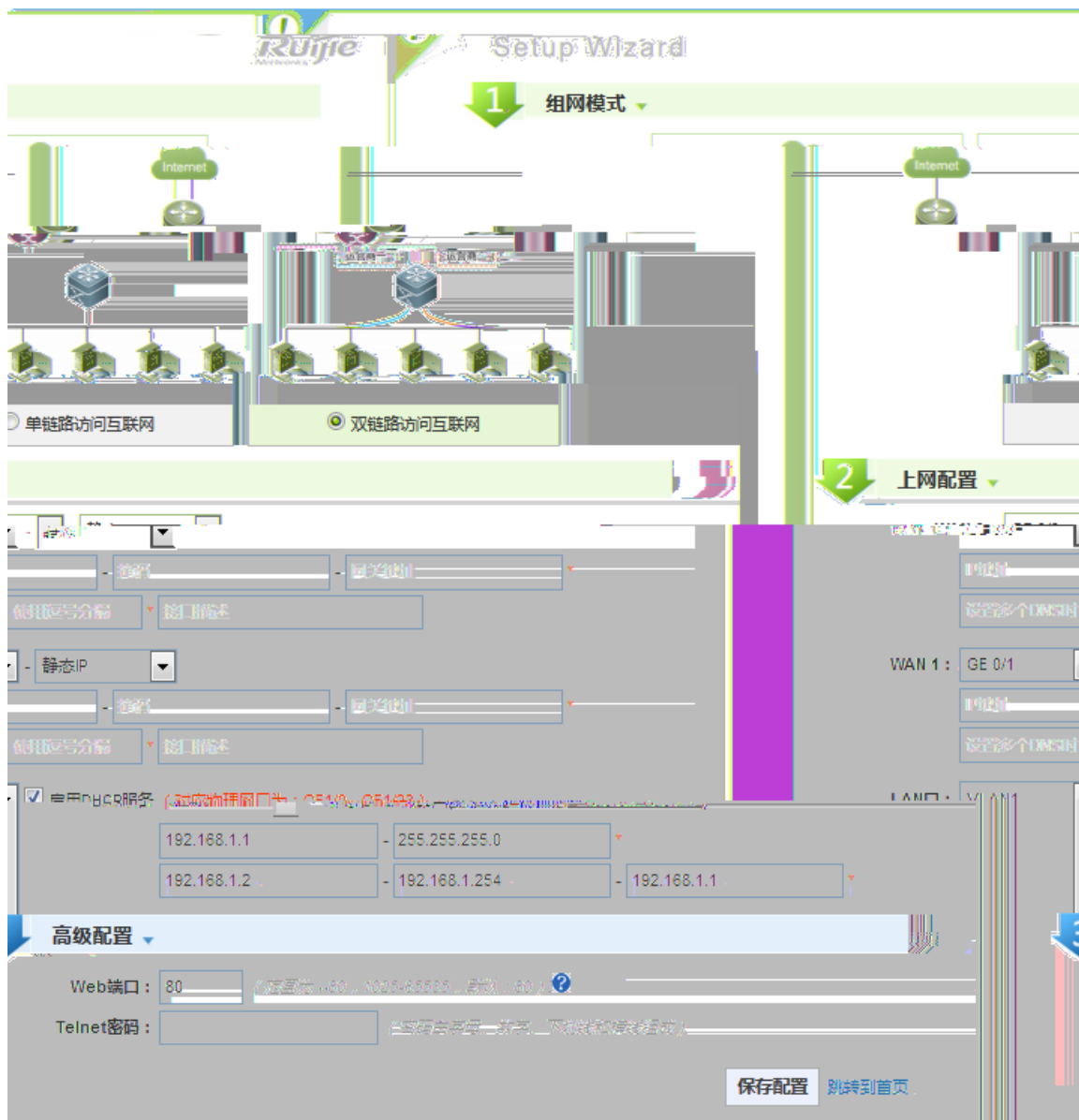
Web

IP /Mask PPPoE(ADSL)

1-10



+



IP /

DNS 1-2 DNS DNS

DHCP IP PC IP  
IP

IP / IP IP IP

LAN IP

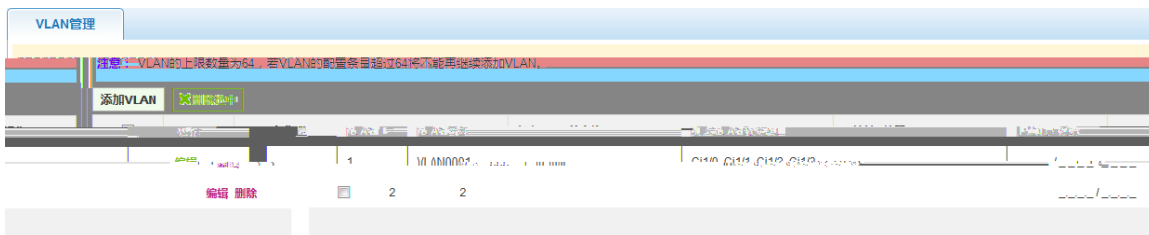
### 1.3.3

ADSL DHCP IP IP 3G CE1  
IP VLAN VLAN

#### 1.3.3.1 VLAN

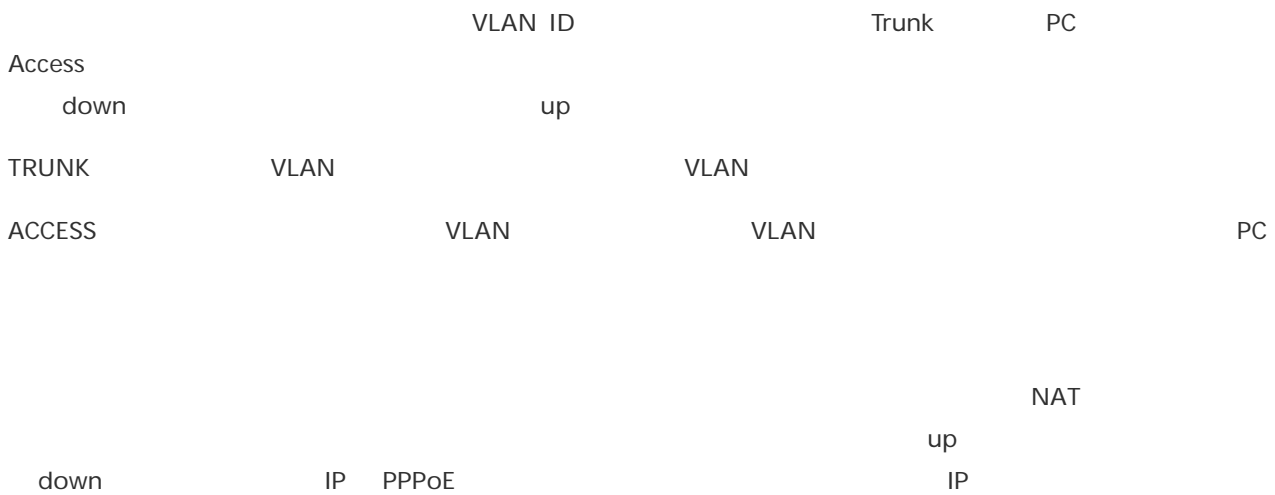
VLAN Virtual Local Area Network " " vlan  
VLAN vlan vlan  
IP IP  
PPPoE ADSL PPPoE(ADSL)

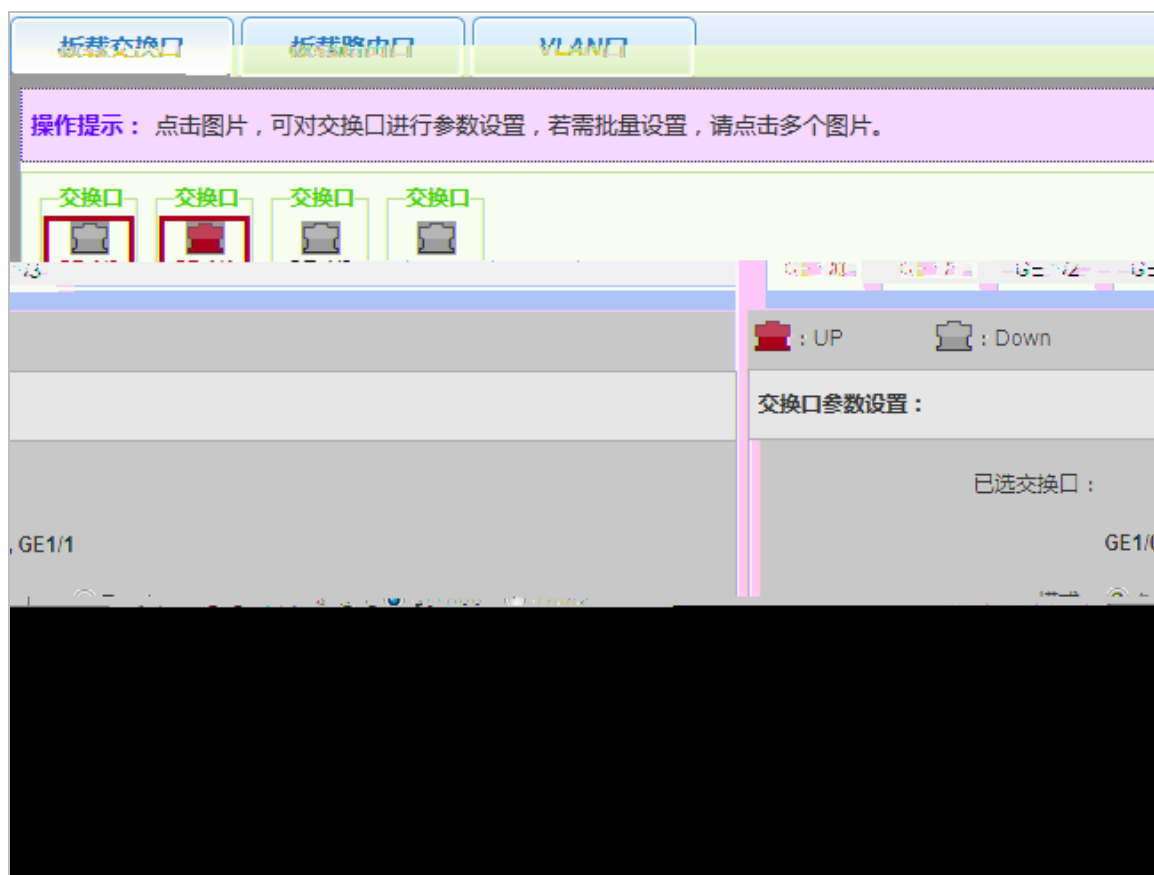
1-12



1.3.3.2

VLAN







板载交换口    板载路由口    VLAN口

**操作提示：** 点击图片，可对路由口进行参数设置。

路由口    路由口    路由口  
GE 0/0    GE 0/1    GE 0/2

 : UP     : Down

**路由口 (GE 0/0) 参数设置：**

连网类型： ▼

IP 地址： \*      子网掩码： \*

网关地址：


Secondary IP：





接口描述： (禁止输入&?%和空格等字符)

MAC地址： (格式: XXXX-XXXX-XXXX) (默认: 0000-0000-0000)

接口速率： ▼

光电切换： ▼

NAT标记： ▼ 







1-21



1-22



### 1.3.3.5 DHCP

Dynamic Host Configuration Protocol, DHCP

DHCP

IP

DHCP

IP

IP

IP

DHCP

DHCP

DHCP

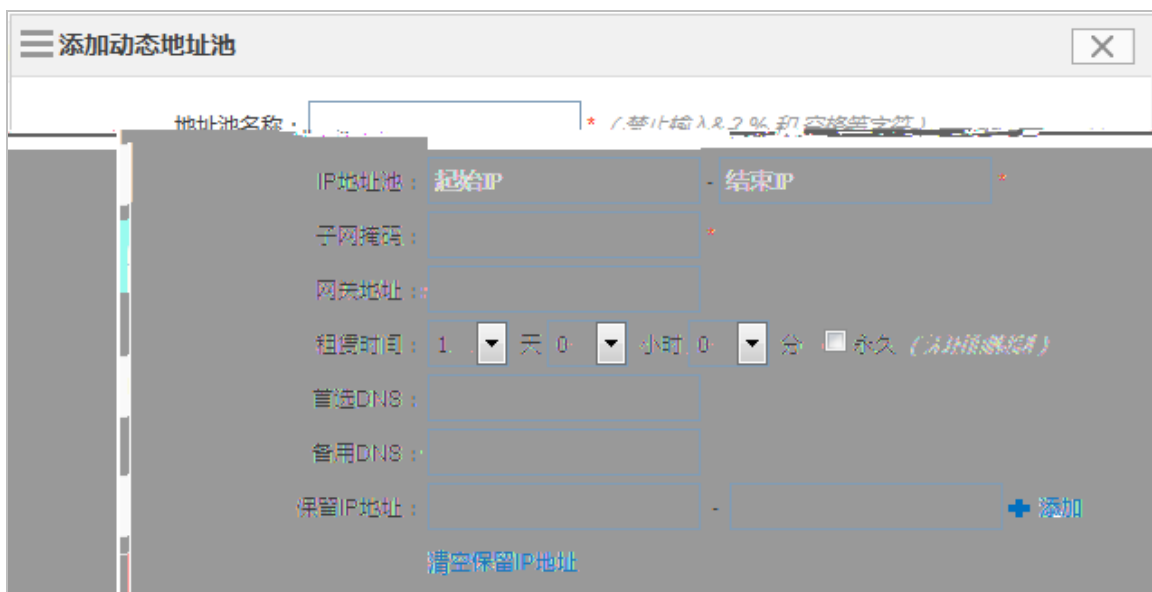
1-23



DNS

LAN

1-24



IP

IP

IP

DHCP

DNS

DNS

DNS

DNS

IP

DHCP

ip

MAC

IP

1-25

**DHCP服务**    **防非法DHCP服务**    客户端列表

DHCP Snooping :  启用

Bootp报文转发 :  启用

校验源MAC地址 :  启用

禁用DHCP Snooping的VLAN :  (例如: 1,3-5,7,9-11)

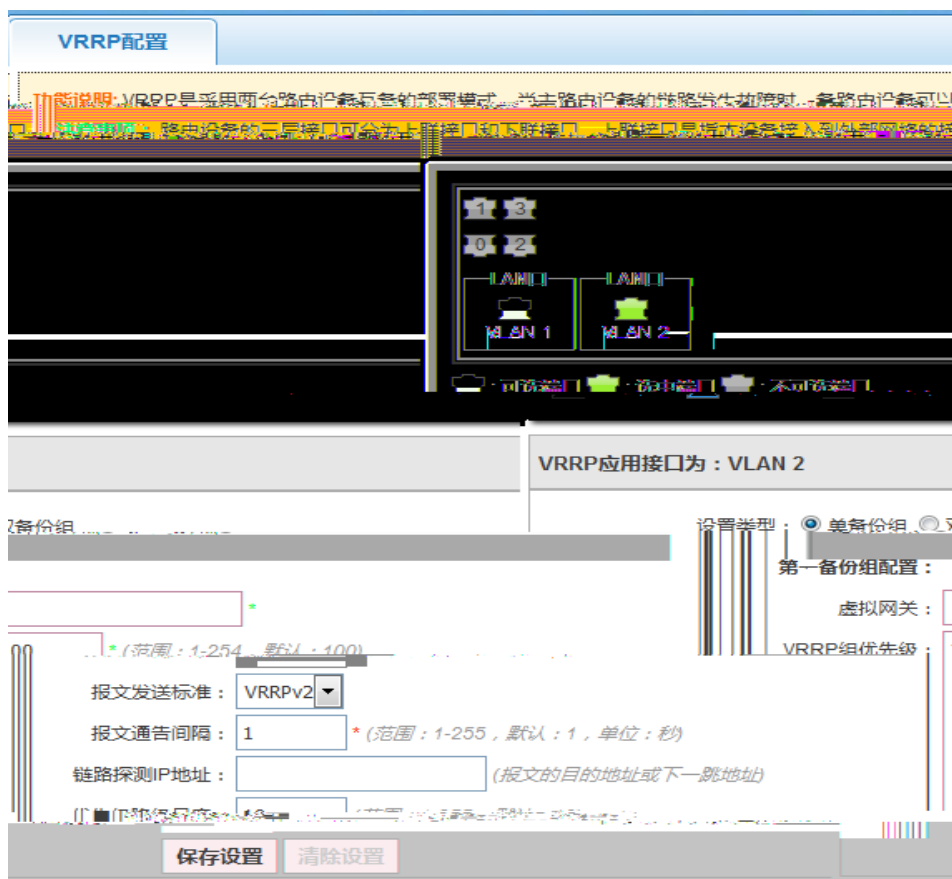
DHCP Snooping 数据写入Flash : 实时写入  \* (范围为600-86400, 单位: 秒)

DHCP请求报文加入Option82选项 : 禁用  自定义字符  \*

LAN to Circuit ID	交换口	禁止DHCP请求报文	IP或者IP+MAC检测	VLAN to VLAN	VL

IP

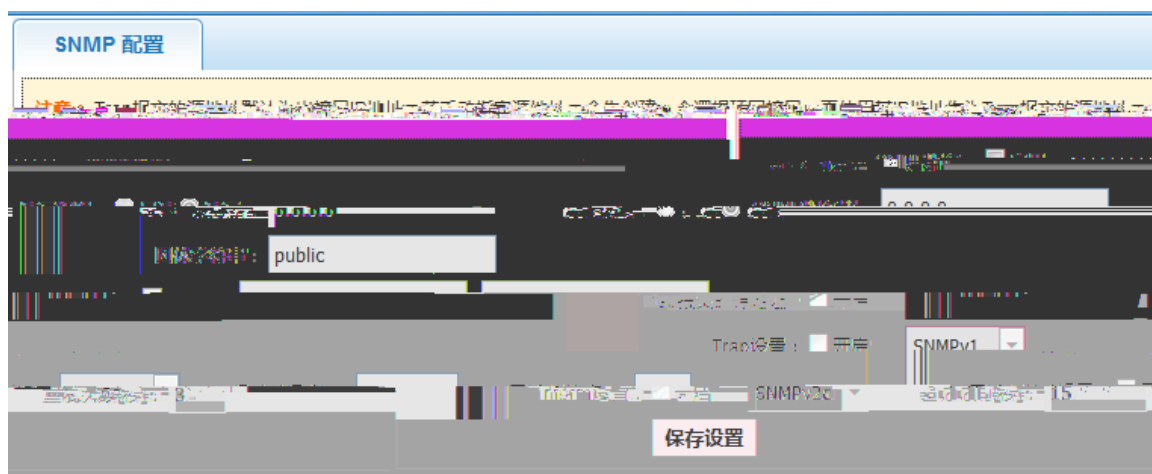


### 1.3.3.7 SNMP

SNMP Simple Network Management Protocol

SNMP  
SNMP

1-29



### 1.3.4

#### 1.3.4.1

1-30

下一跳地址	出口接口	路由类型	路由选路	状态	操作	目的地址
192.168.4.2	GE 0/1	静态路由	10	路由不生效	编辑 删除	192.168.2.0/24



IP

IP

IP

" 1 "



0.0.0.0



1-31



### 1.3.4.2

PBR Policy-Based Routing  
IP

1-32

应用接口	策略优先级	下一跳地址	匹配ACL列表	策略应用
	10	192.168.3.2(主), 192.168.4.2(备)	100	<input type="checkbox"/>
	198	VLAN2	20	<input type="checkbox"/>
		192.168.4.2(主), 192.168.3.2(备)		<input type="checkbox"/>



ACL

ACL

IP



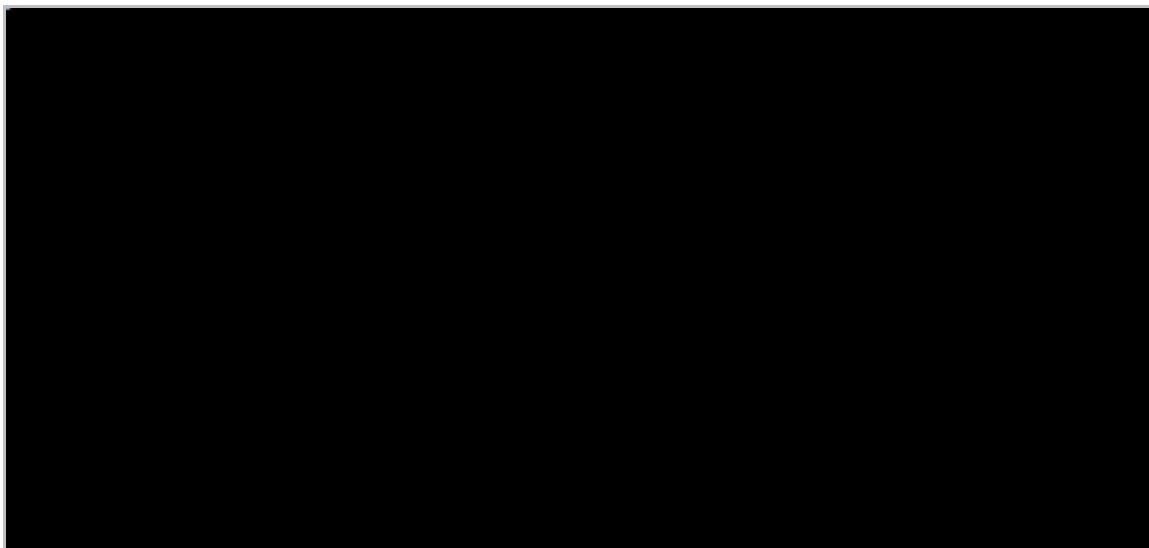


VLAN

OSPF

1-35





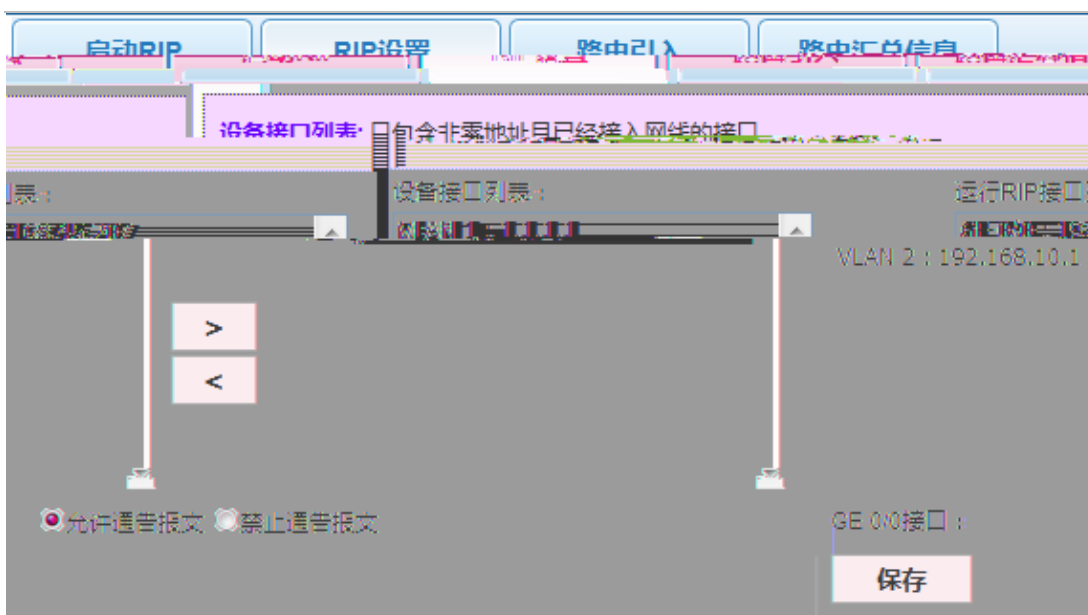
RIP

VLAN

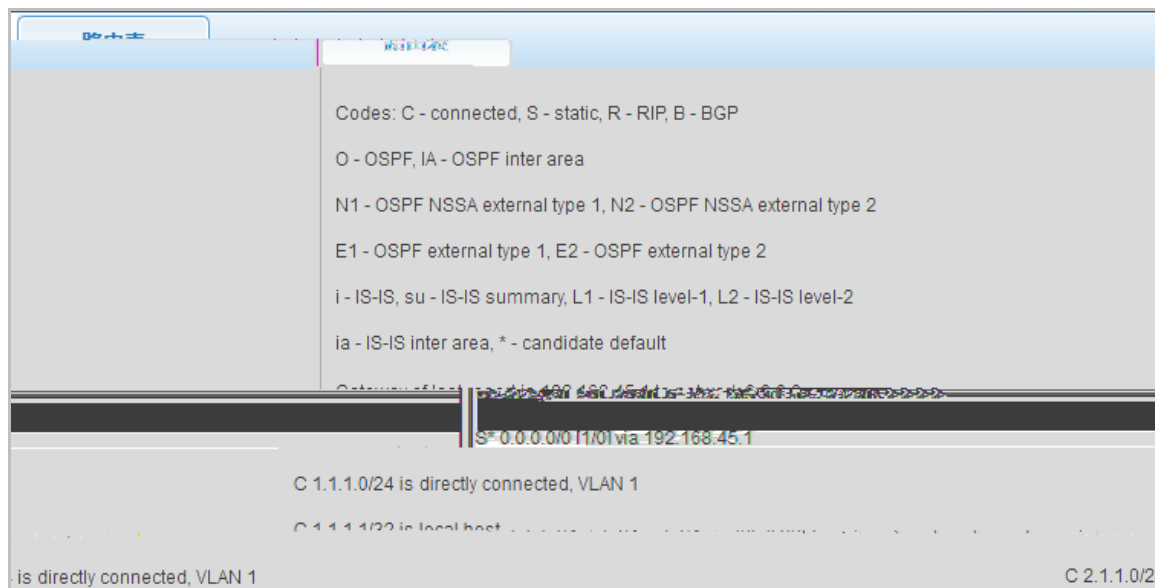
RIP

RIP

1-40







### 1.3.5

#### 1.3.5.1 VPN

VPN “ Virtual Private Network” “ ”  
VPN

VPDN

vpdn vpdn

1-44



VPDN

VPDN VPDN VPDN L2TP



VPDN

VPDN

VPDN

IP

vpdn

VPDN

VPDN

VPDN

VPDN

VPN

PPTP L2TP

VPDN

IP

PPTP L2TP

vpdn

vpdn



### 1.3.5.2 GRE

GRE                      GRE

GRE

GRE



# IPSec

ipsec

IP                      IPSec                      IP                      6   IP

IPSec

VPN

IKE

IKE

DES 3DES AES SM1

SHA MD5

ESP-DES    ESP-3DES    ESP-3DES    ESP-SHA-HMAC

ESP-3DES    ESP-MD5-HMAC

ESP-DES

ESP-SHA-HMAC    ESP-DES    ESP-MD5-HMAC

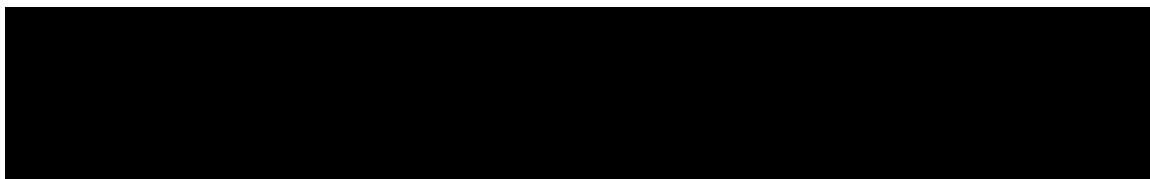
1-49



# IPSec

ipsec

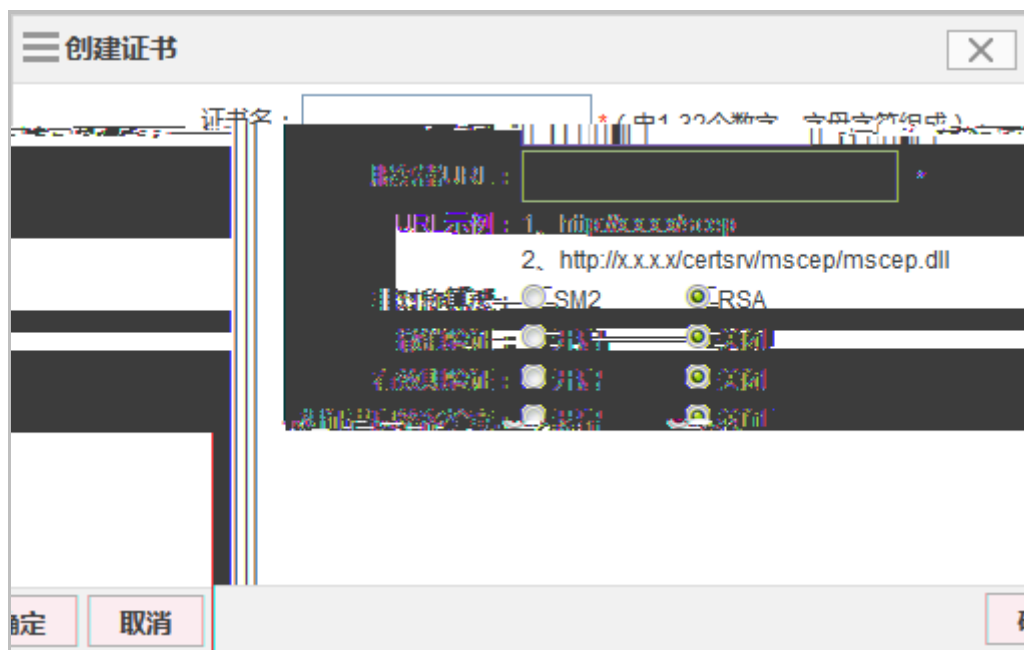
1-50



1.3.6

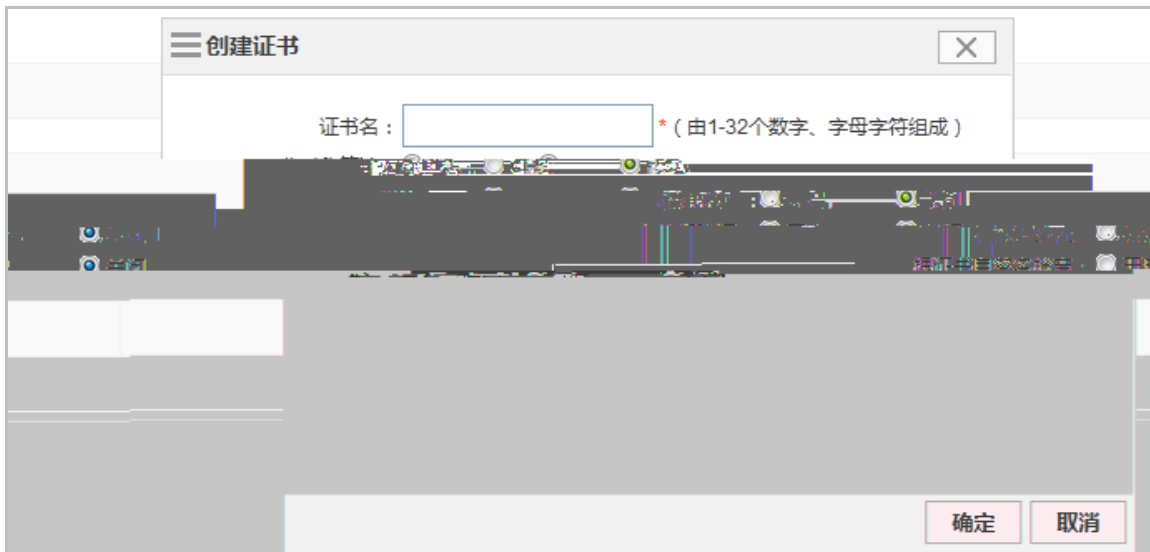
1.3.6.1

1-51



1.3.6.2

1-52



### 1.3.7 AAA

AAA Authentication Authorization and Accounting

AAA

RADIUS

TACACS+

Local

AAA

AAA



WEB

AAA

RADIUS

**RADIUS设置**

RADIUS认证 :  启用

**首选RADIUS服务器**

服务器IP地址 :  \*

验证口令 :  (可选)

认证端口号 :  (可选)

**备用RADIUS服务器**

服务器IP地址 :  (可选)

验证口令 :  (可选)

认证端口号 :  (可选)

**RADIUS认证业务列表**

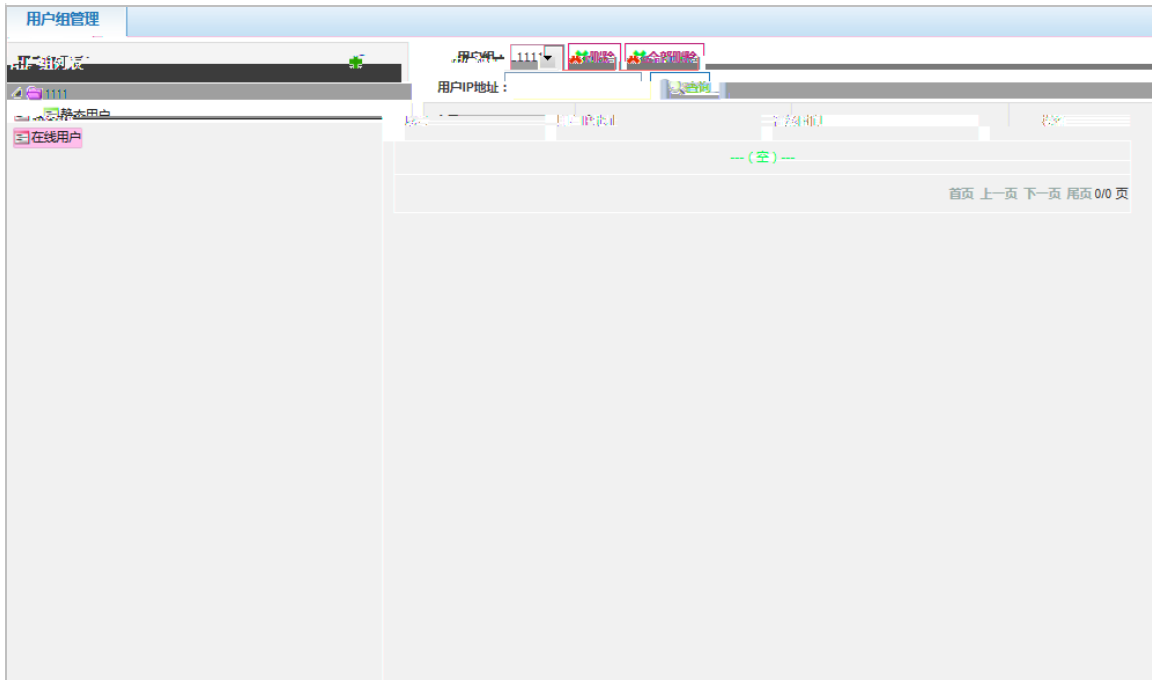
Login :  启用, 认证方式 :  ▼

PPP :  启用, 认证方式 :  ▼

Web 认证 :  启用

1.3.8.1

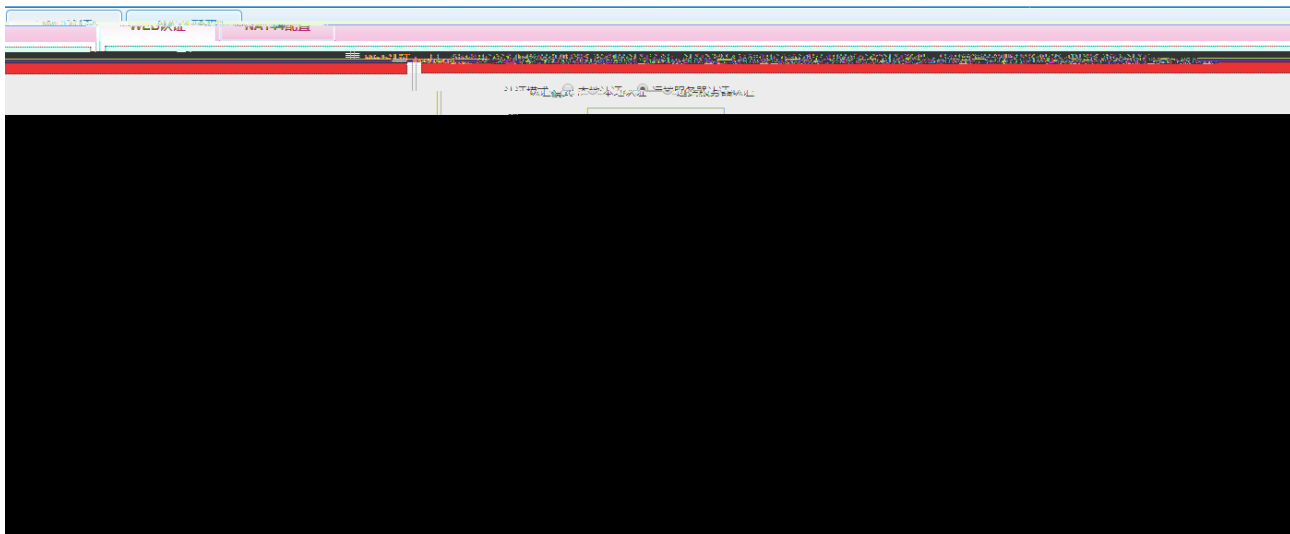
IP



### 1.3.8.2

IP

WEB



IP

IP

SMP

SMP

SNMP

SNMP

IP

IP+MAC

MAC

SAT

SAT

NAT44

NAT44

NAT

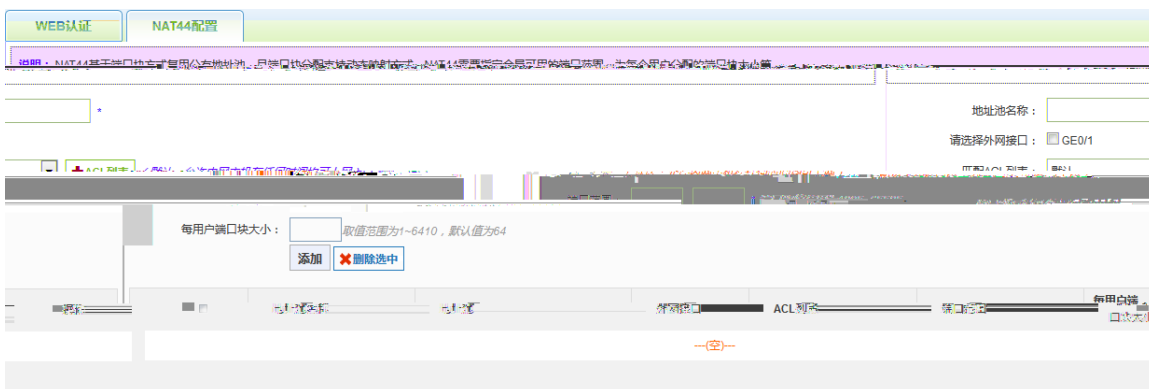
NAT44

NAT44

NAT44

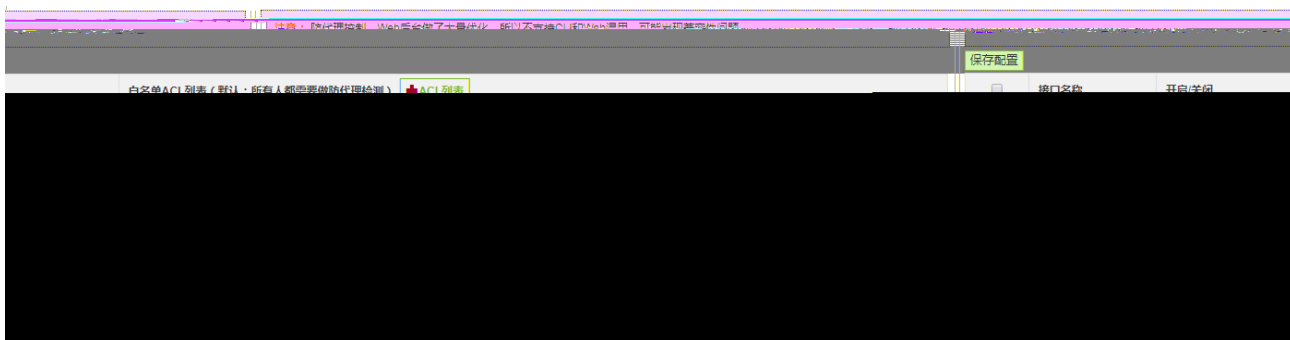
- RLOG

1-59





1-62



### 1.3.9

#### 1.3.9.1

ARP

ARP

ARP  
10

ARP

"

ARP

"

ARP

ARP

DoS

DoS

DoS/DDoS

IP

SYN Flood

WEB

WEB

80 WEB

WEB

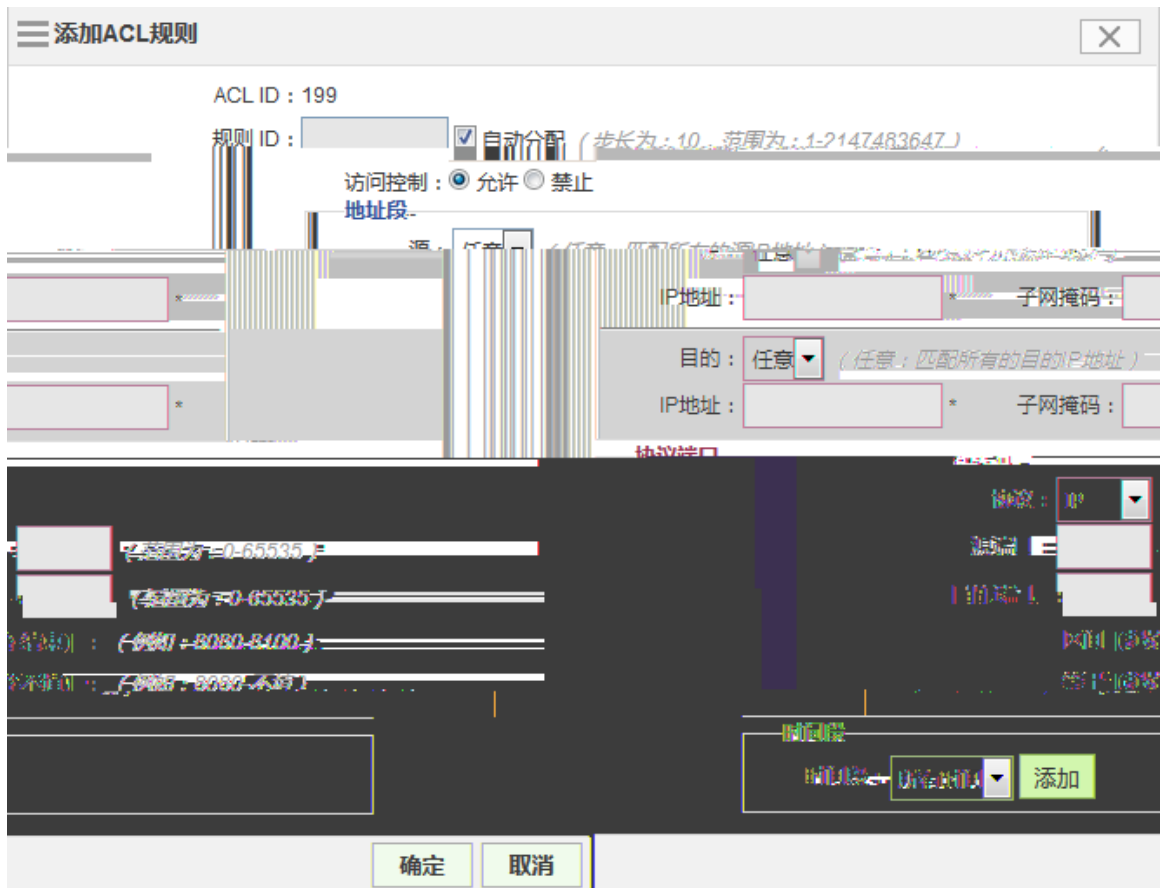
1-63



1.3.9.3

ACL

1-66

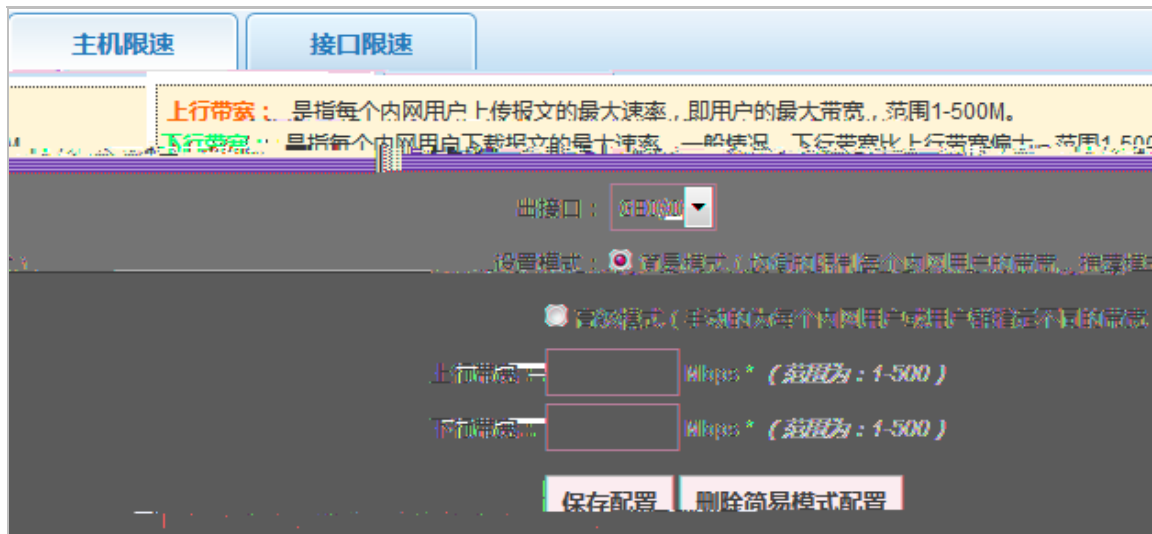


### 1.3.10

#### 1.3.10.1

icmp flood    udp flood





### 添加用户限速

用户名:

带宽设置

下行带宽(1-500):  Mbps \*      上行带宽:  Mbps \*

用户IP或网段	子网掩码	
<input type="text"/> *	<input type="text"/> *	<input type="checkbox"/>
<input type="text"/> *	<input type="text"/> *	<input checked="" type="checkbox"/>
<input type="text"/> *	<input type="text"/> *	<input checked="" type="checkbox"/>
<input type="text"/> *	<input type="text"/> *	<input checked="" type="checkbox"/>

时间段名称:  所有时间

00:00 - 23:59 | 0:00 - 00:00 | 0:00 - 00:00

星期一	星期二	星期三	星期四	星期五	星期六	星期日
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

高级设置

每秒新建会话数:  (范围为: 1-100000)

最大会话数:  (范围为: 1-100000)

WEB

IP

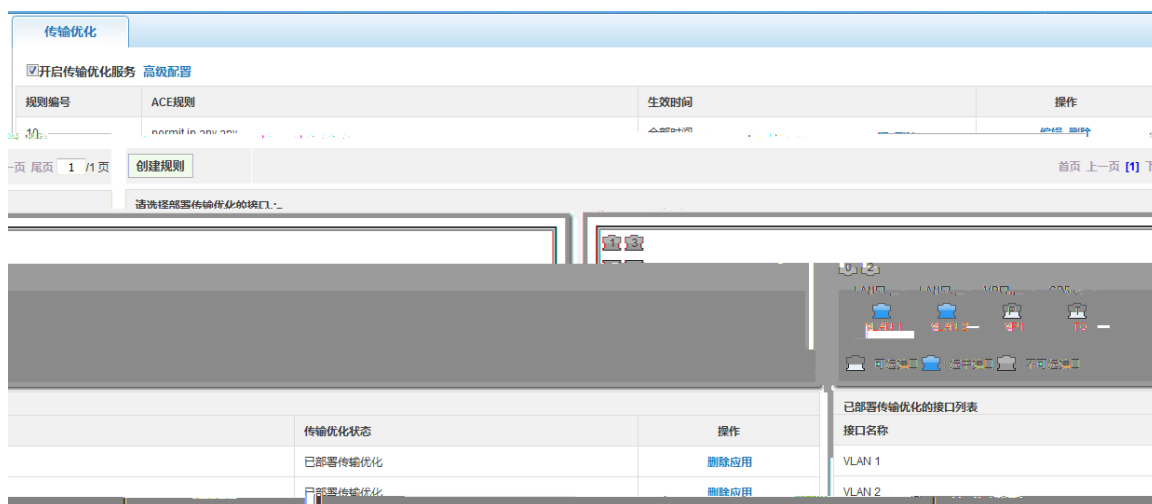
### 1.3.10.2

IP

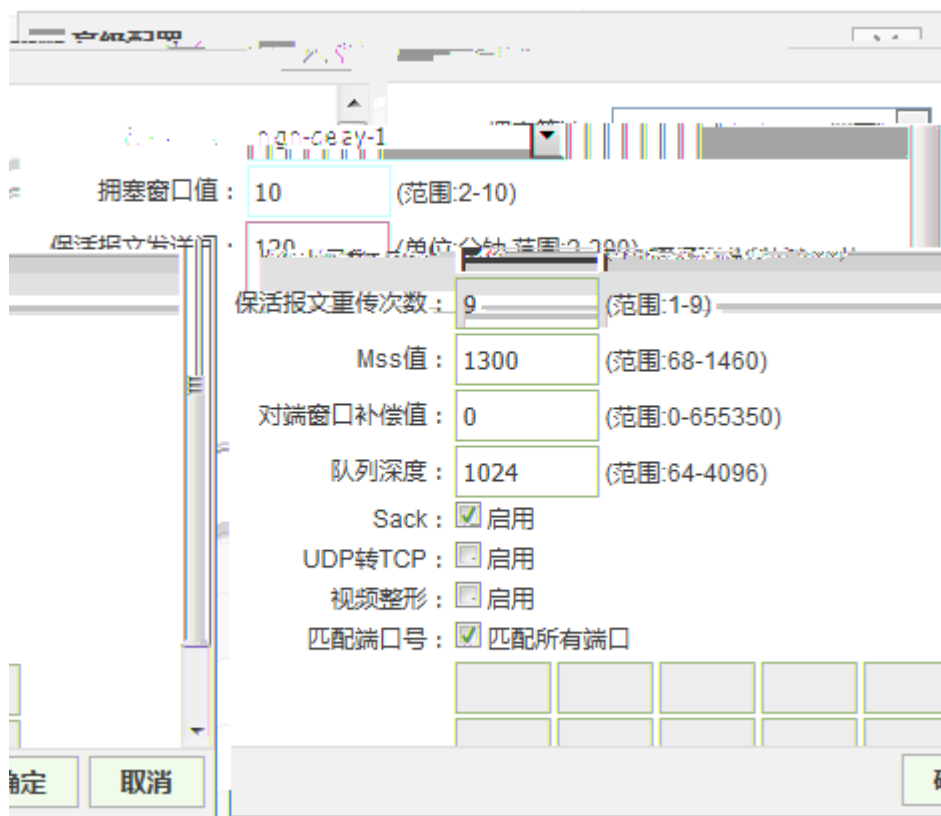


1.3.10.3

1-73



1-74



low-bandwidth-delay

10

120

9

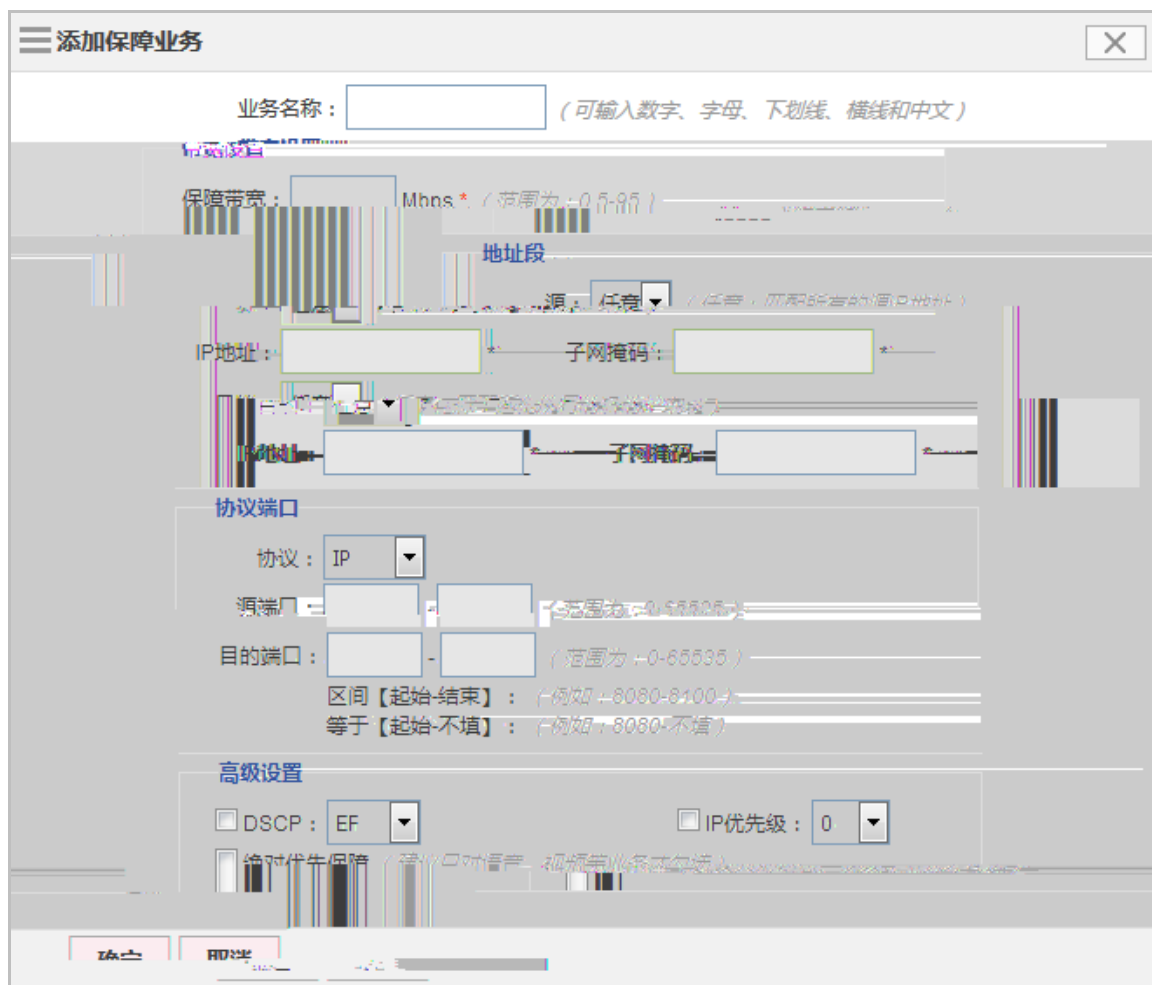
Mss MSS 1420

0

1024

Sack

1-76



WEB

IP IP

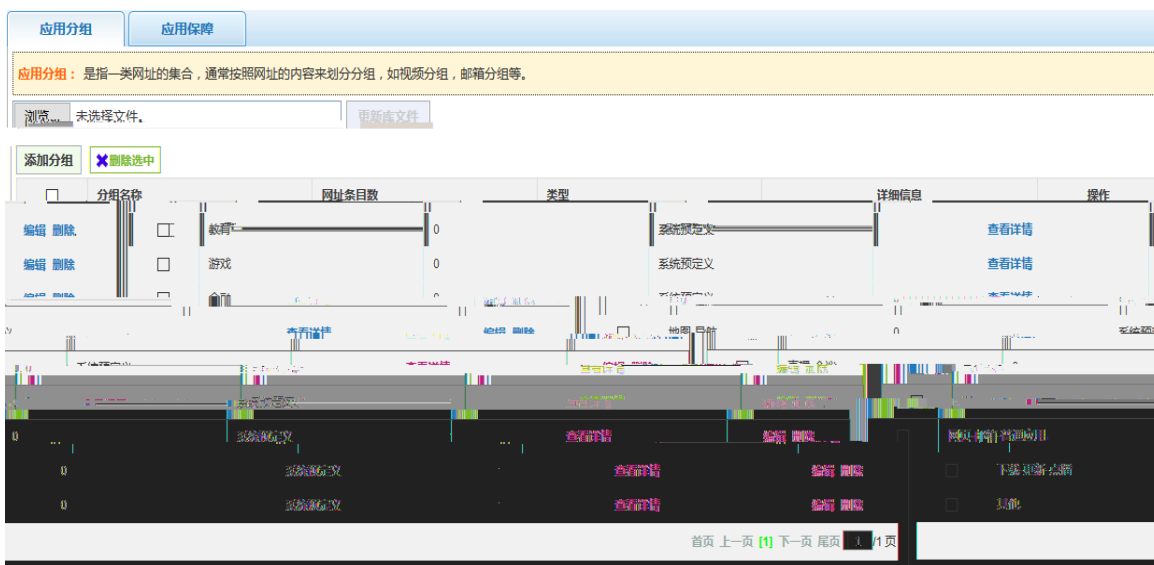
### 1.3.10.5



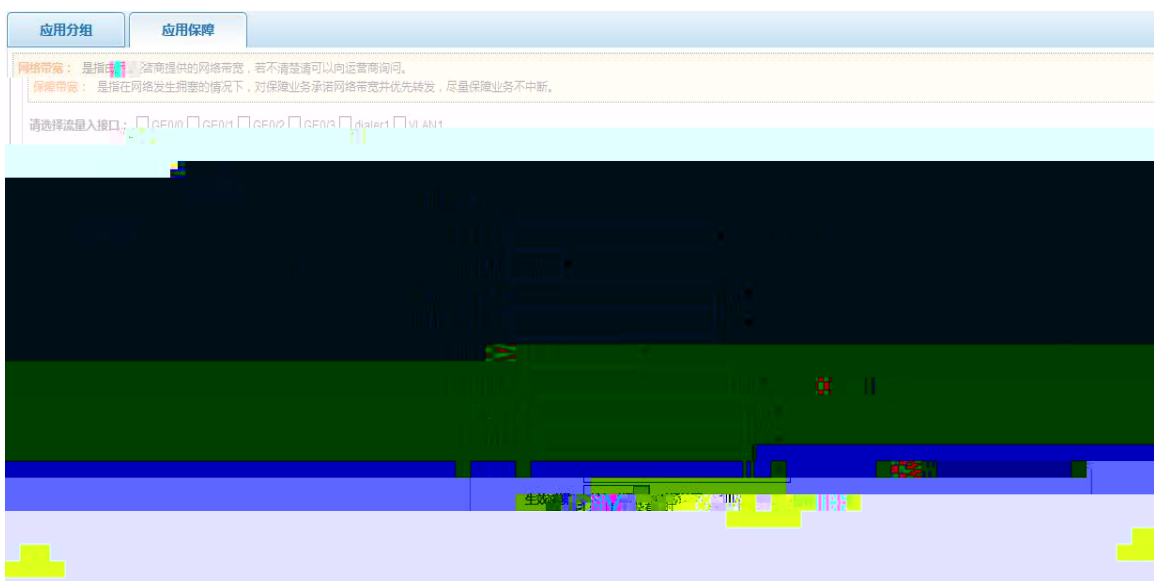
Web

url

1-78



1-79





1.3.11.3

SSH Telnet HTTP HTTPS

web telnet&ssh

1-82

The screenshot shows a web management interface with three tabs: "修改密码" (Change Password), "用户管理" (User Management), and "服务管理" (Service Management). The "修改密码" tab is active. Below the tabs, there is a yellow warning box: "注意：密码不能含有中文字符、全角字符、问号和空格字符。" (Note: Passwords cannot contain Chinese characters, full-width characters, question marks, or spaces). Below this is a blue header for "修改特权密码" (Change Privileged Password). A yellow information box follows: "说明：特权密码是指用户进入特权模式Exec配置层的口令。" (Note: Privileged password refers to the password used by the user to enter the privileged mode Exec configuration layer). The main form area contains three input fields: "当前密码：" (Current Password), "新密码：" (New Password), and "确认密码：" (Confirm Password). Each field has a red asterisk on the right. At the bottom, there are buttons for "返回修改" (Return to Modify), "清除" (Clear), "确认修改" (Confirm Modify), and "帮助" (Help).

1-83





http https web

1-85



1.3.11.4

WEB

" "

" 50

WEB

1-86



50

" bin"

WEB

" upd"

flash

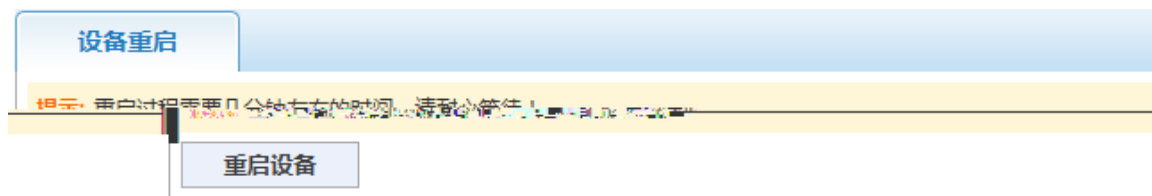
1.3.11.5

" WEB

WEB

2

1-87



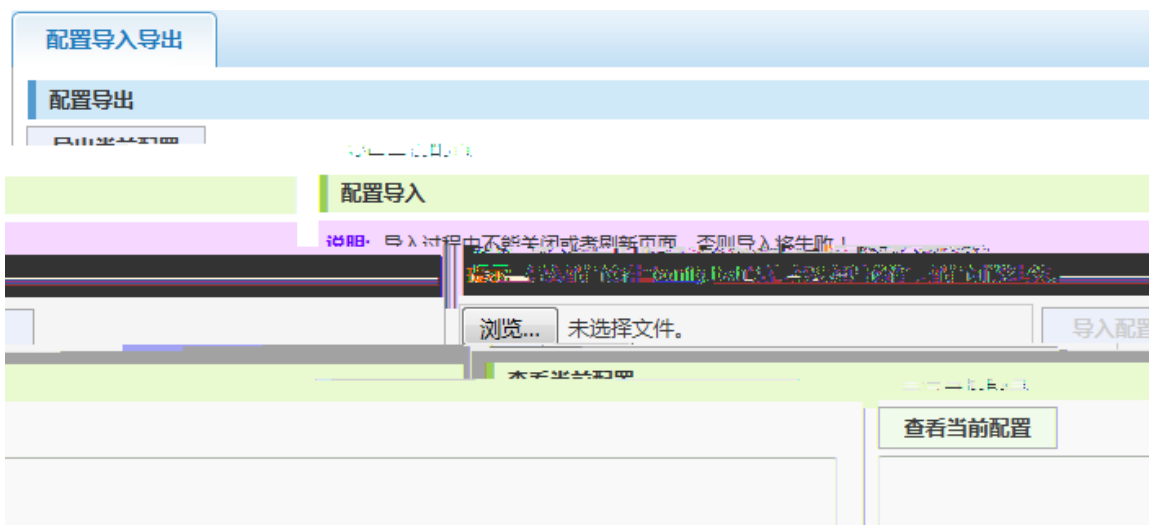
1.3.11.6

".text"

" config.text"

" config.text"

1-88



1.3.11.7

1-89



1.3.11.8 CLI

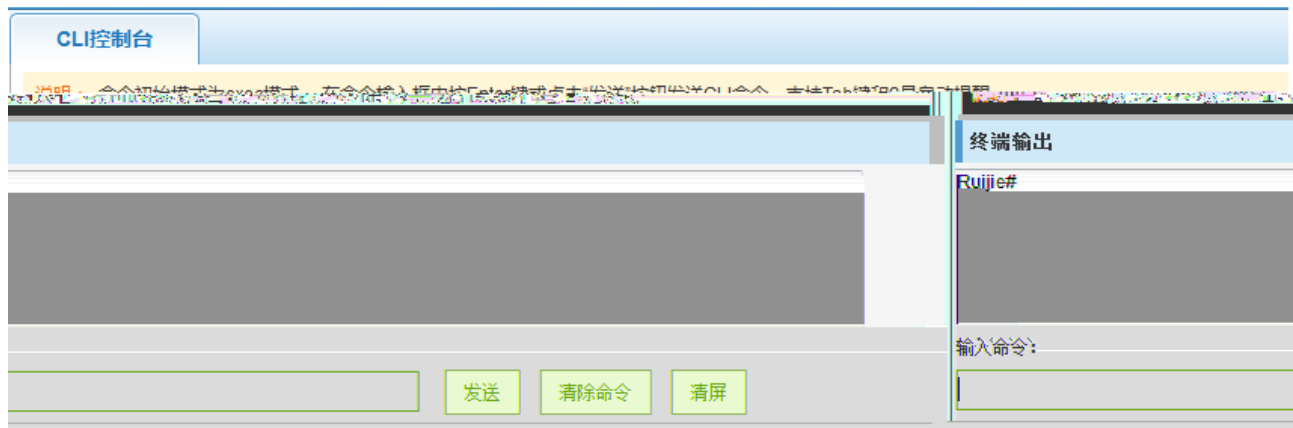
cli

web  
web

cli

cli

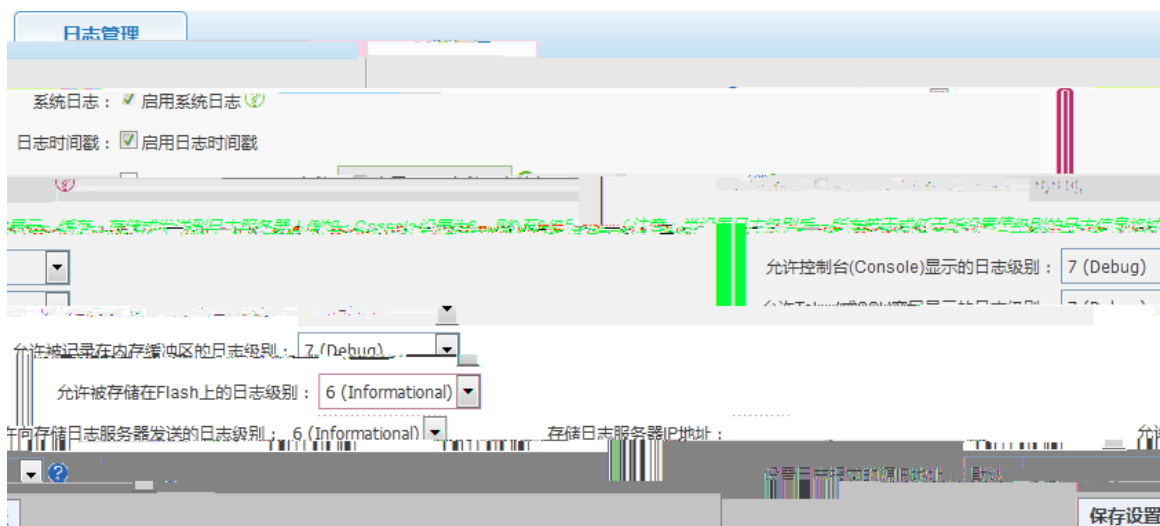
1-90



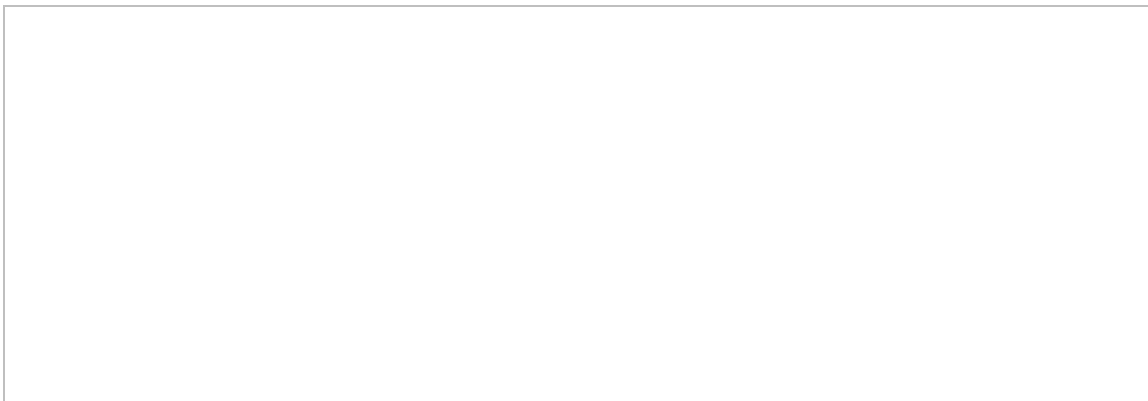
1.3.11.9

flash  
IP

1-91



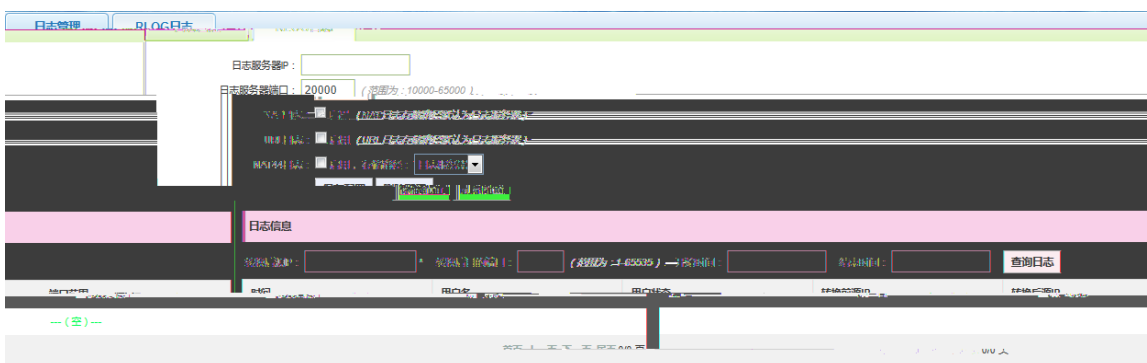
1-92



### RLOG

RLOG	NAT	URL	NAT44		
NAT	NAT			IP	
URL	URL			IP	
NAT44					USB SD

1-93



### 1.3.12

ping

### 1.3.12.1 PING

1-94

**Ping**

**说明：** 您可以输入IP地址或域名，对目的IP地址或域名通过Ping进行连通性检测。

目的IP地址/域名： \* ?

源IP地址/接口：

重复次数： \* (范围为：1-65535，默认：5)

超时时间： \* (范围为：1-10，默认：5)

Ping报文长度： (范围为：36-18024，单位：字节)



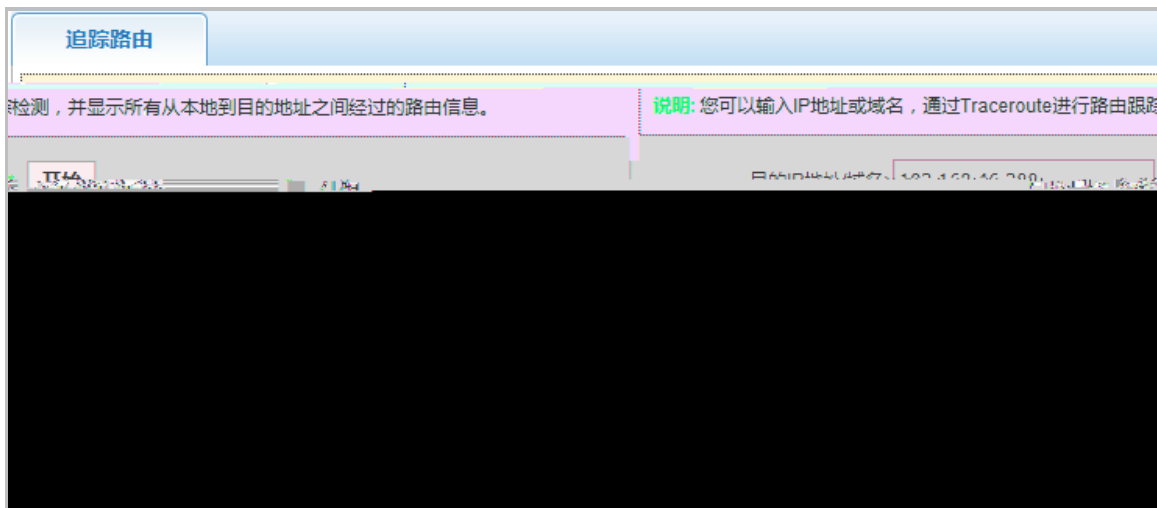
" " " "

---

### 1.3.12.2

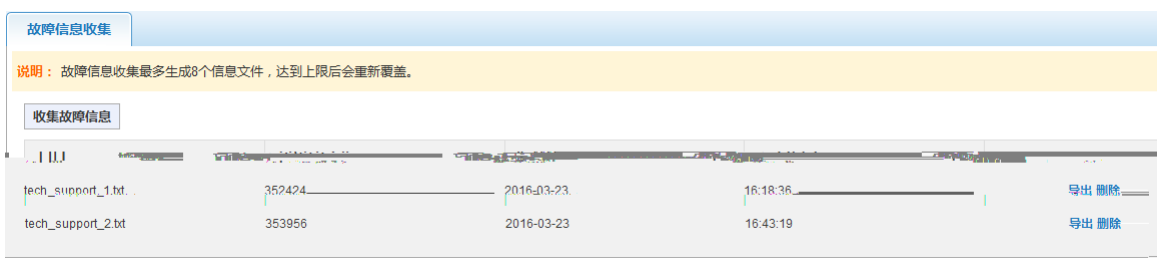
tracert

1-95



### 1.3.12.3

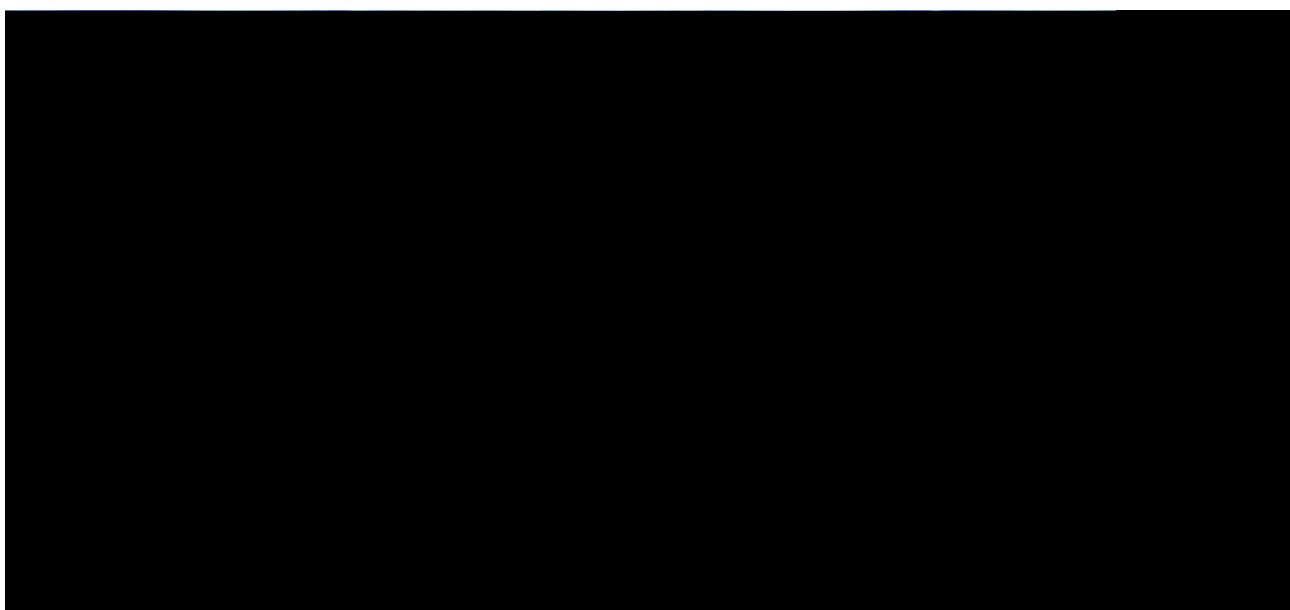
1-96



## 1.4






1-98 WEB



1-99



	:	8:30-18:00	
			4008-111-000
	WEB		WEB

### 1.4.2

"	"	<a href="http://support.ruijie.com.cn">http://support.ruijie.com.cn</a>
4008-111-000	WEB	WEB
		1-100



WEB

---

1.5

1.5.1

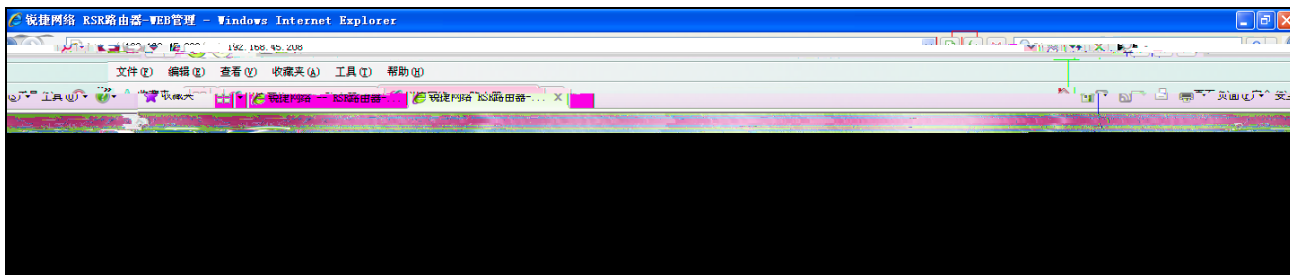
WEB

1.5.2

WEB

IE

1-101



---

IE9.0

IE10.0

WEB

CPU

---

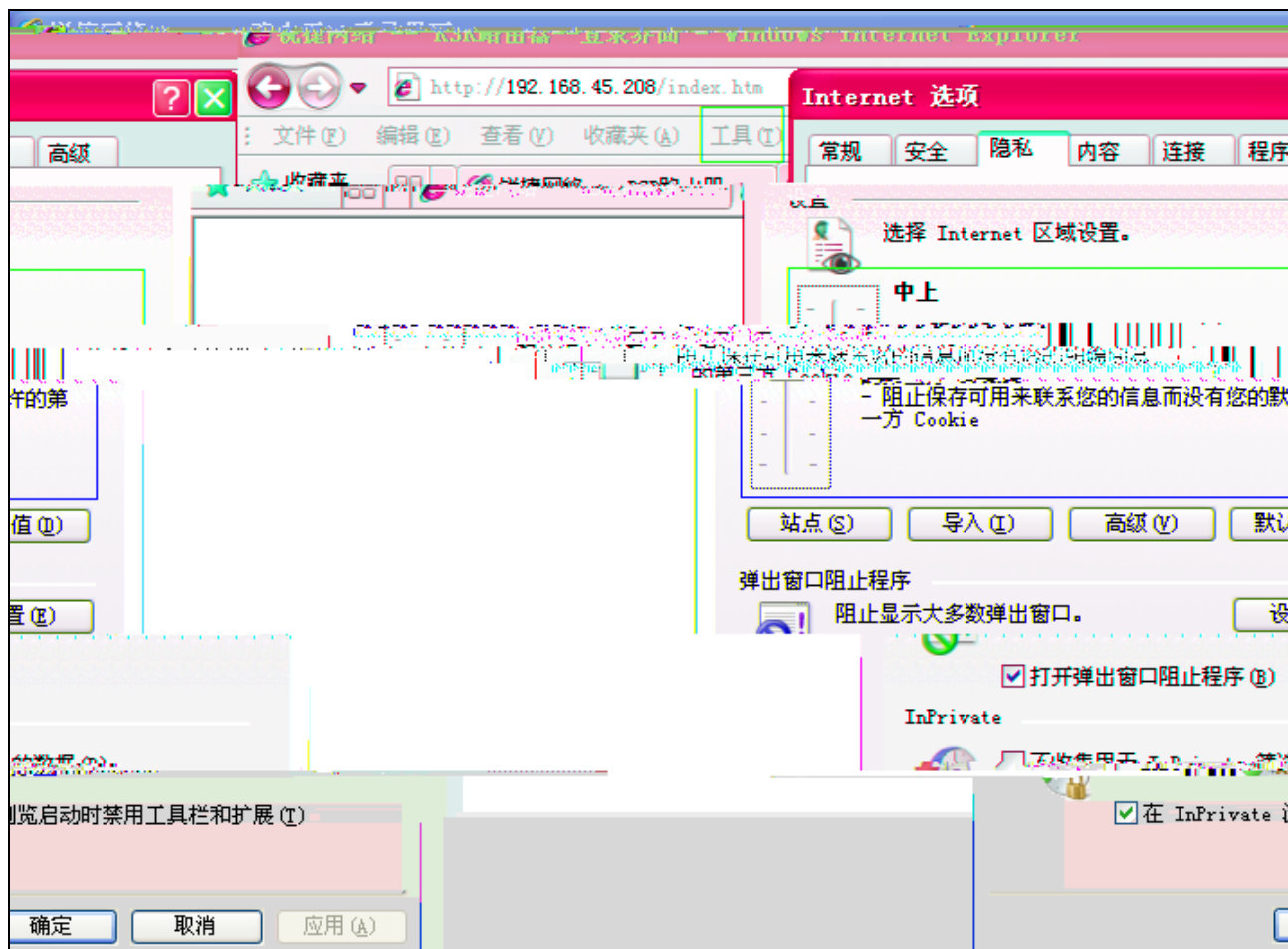
1.5.3 WEB

WEB

WEB

IE

1-102 IE



### 1.5.4 WEB

1 PC Ping WEB WEB

