



WEB

RG-S5750-L

RGOS 10.4(2b12)p1

V1.0

©2000-2013



RGOS®

RGNOS®



锐捷®

à

■ <http://www.ruijie.com.cn/>

■ <http://webchat.ruijie.com.cn>

8:30 6

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

■ 7 24 4008-111-000

■ <http://support.ruijie.com.cn>

■ service@ruijie.com.cn

RGOS[®]10.4 (2b12)p1

-
-
-

1.

```
[ ]      [ ]  
{ x | y | ... }  
[ x | y | ... ]  
//
```

2.

⚡ §
📖 §

3.

■

■

■



WEB

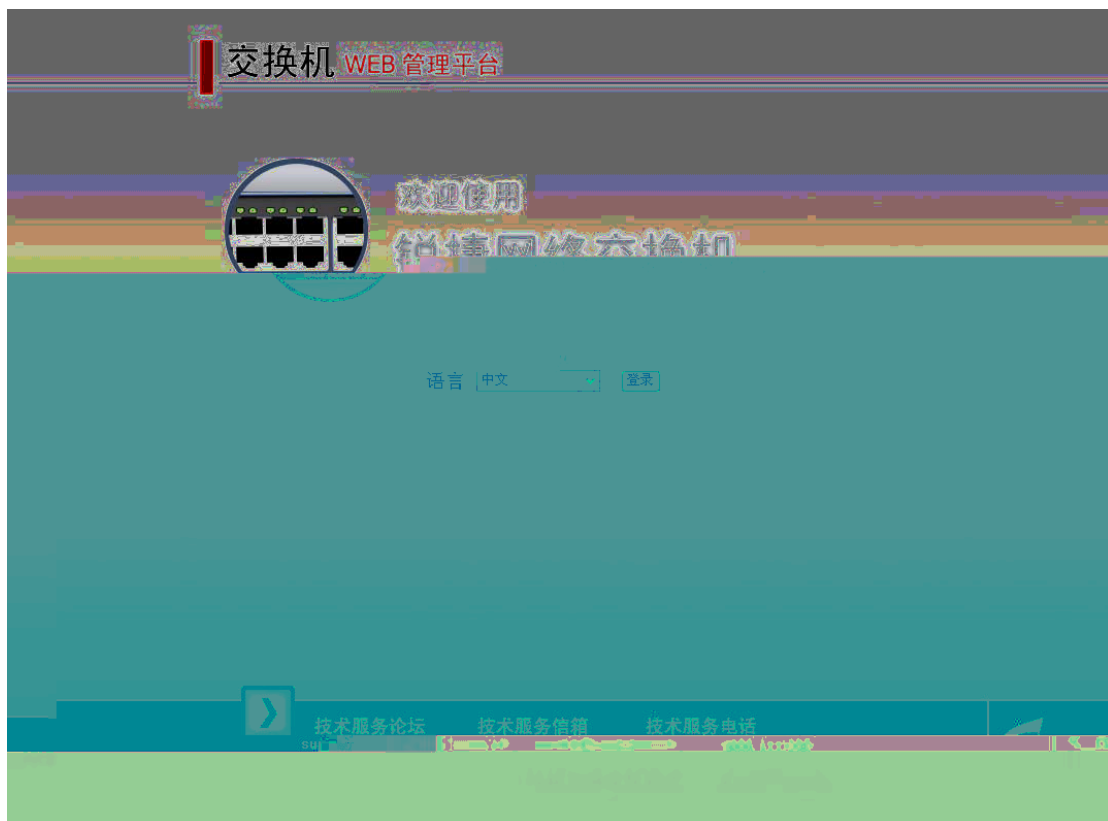
WEB

1. WEB

2. WEB

1 WEB

WEB

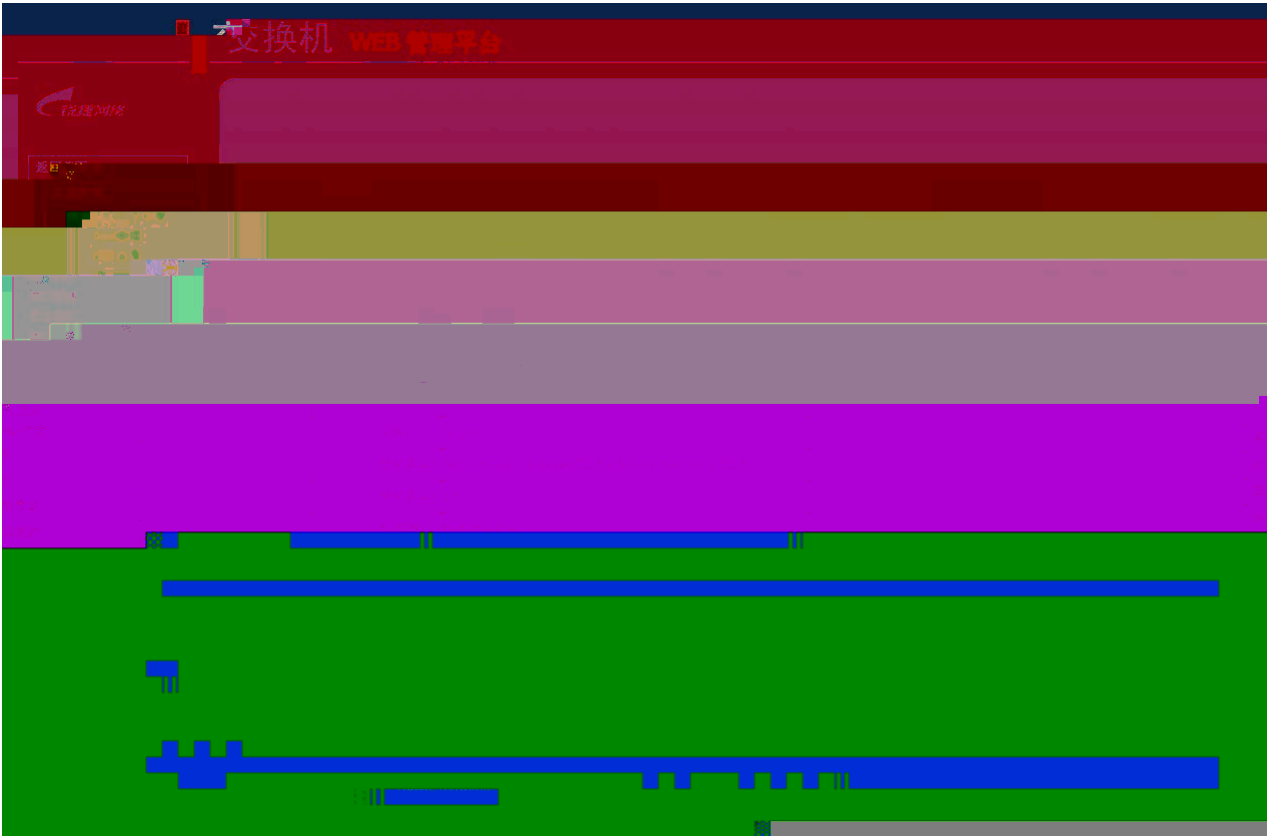


1



2

WEB

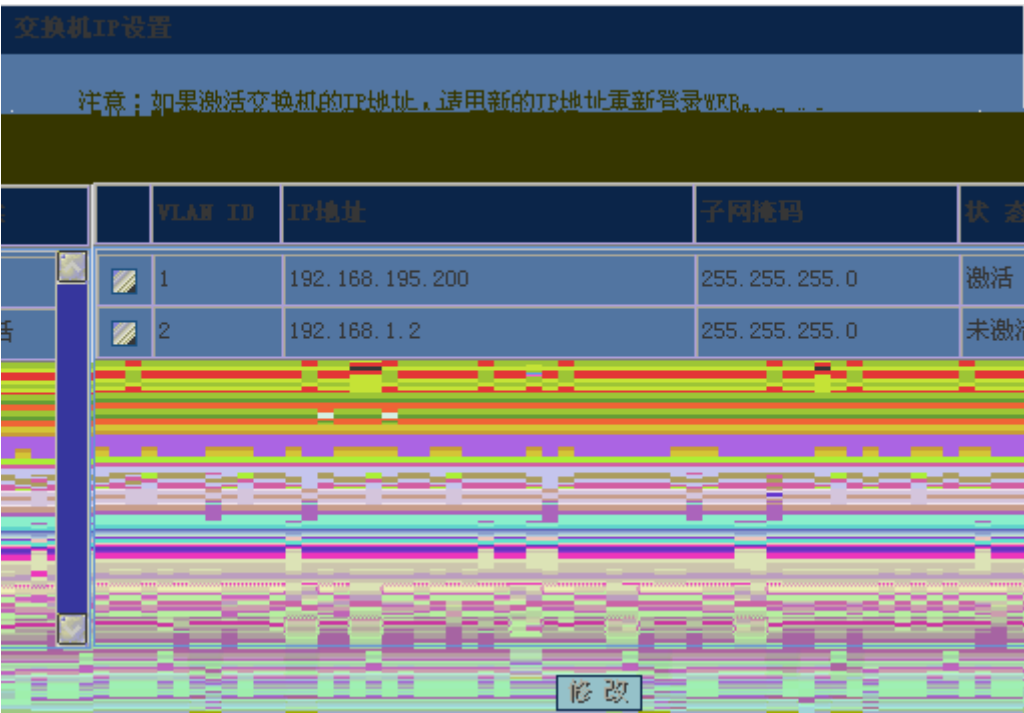


3 WEB

	WEB	Enable
	enable	

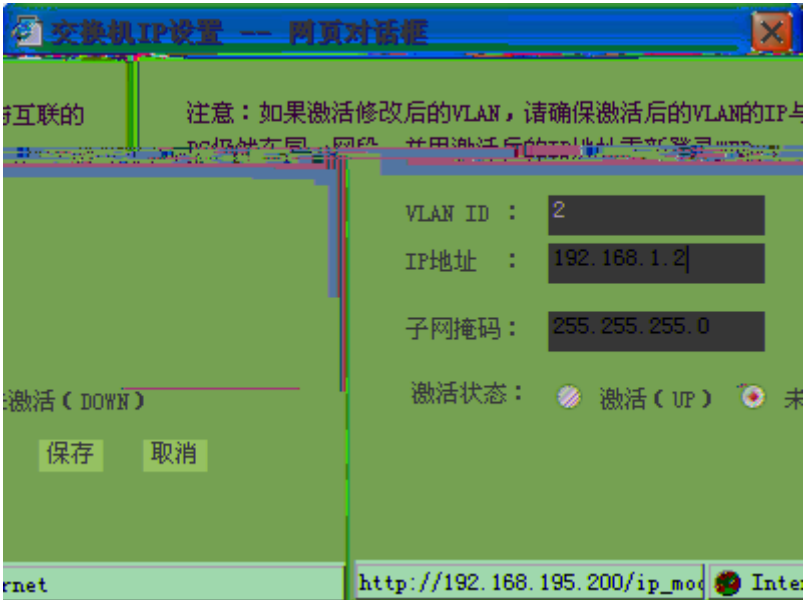
2.2

- 2.2.1 IP
- IP
- IP



4 IP

ip



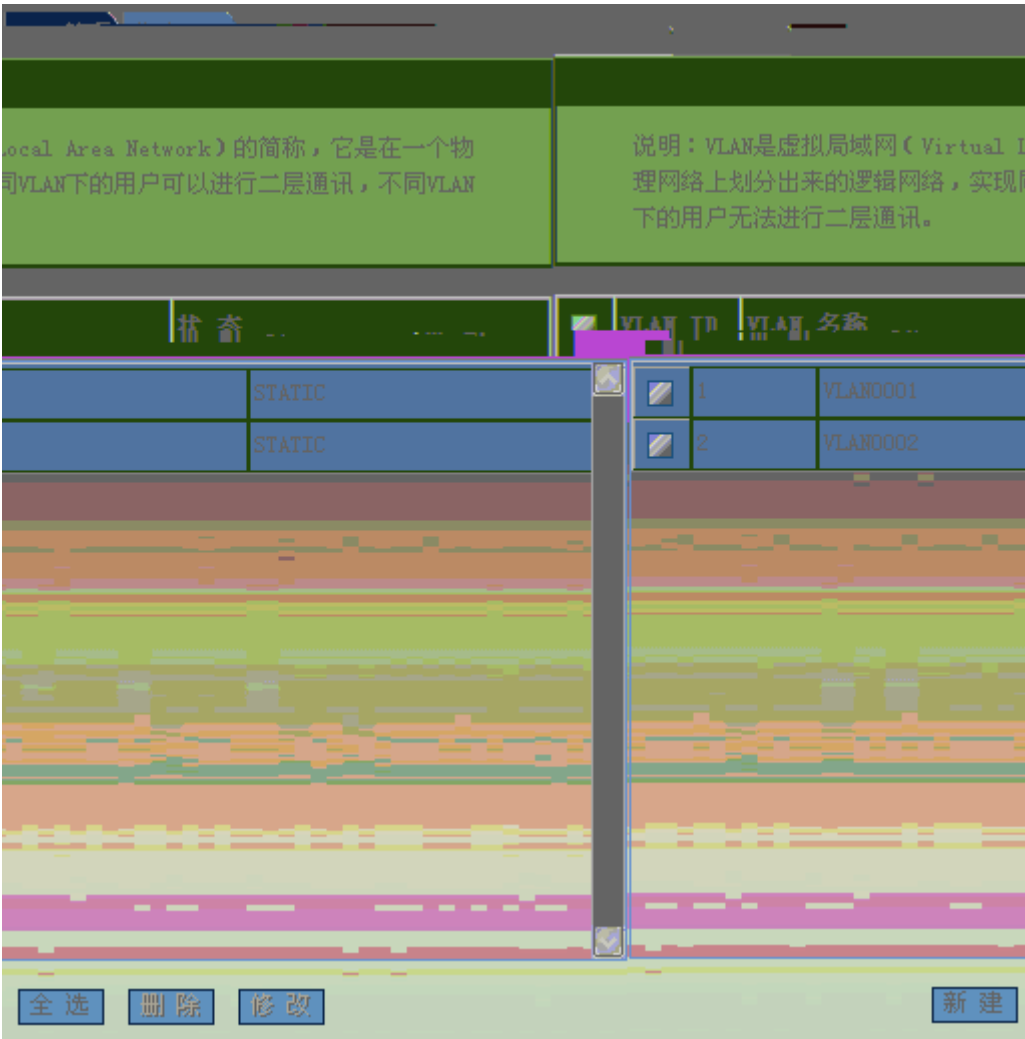
5 IP

IP

2.2.2 VLAN

VLAN

1 VLAN

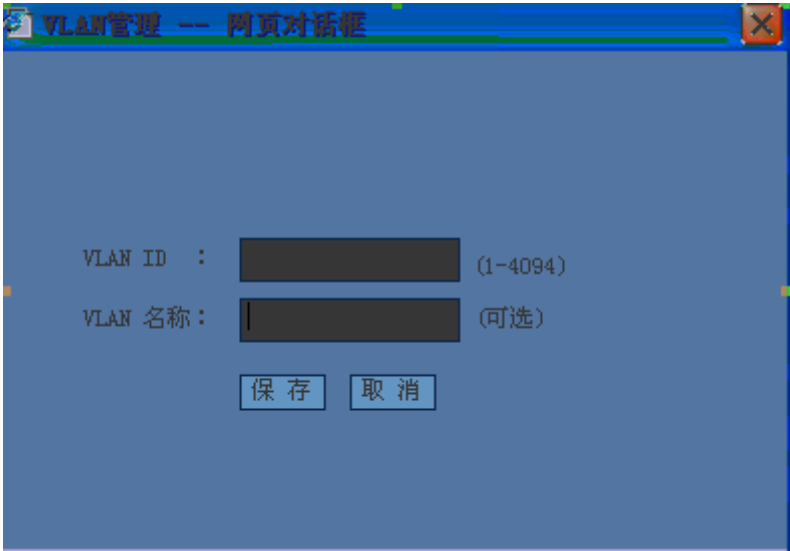


6 VLAN

VLAN

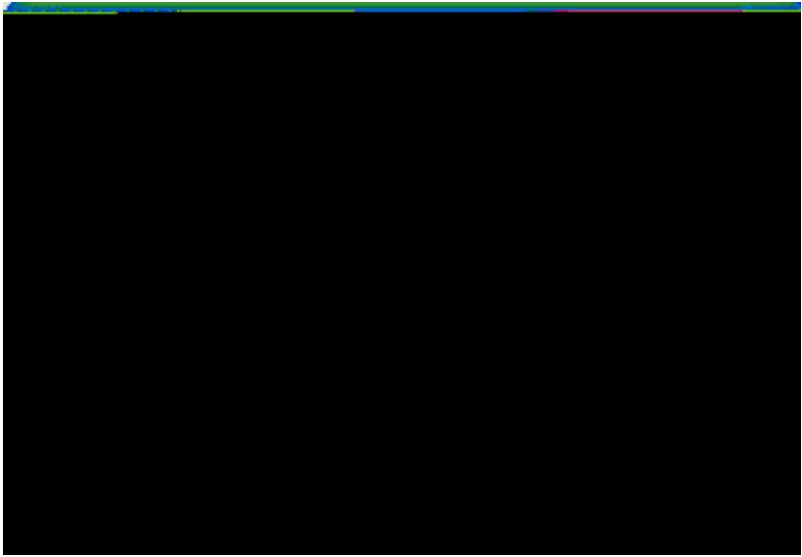
VLAN

VLAN



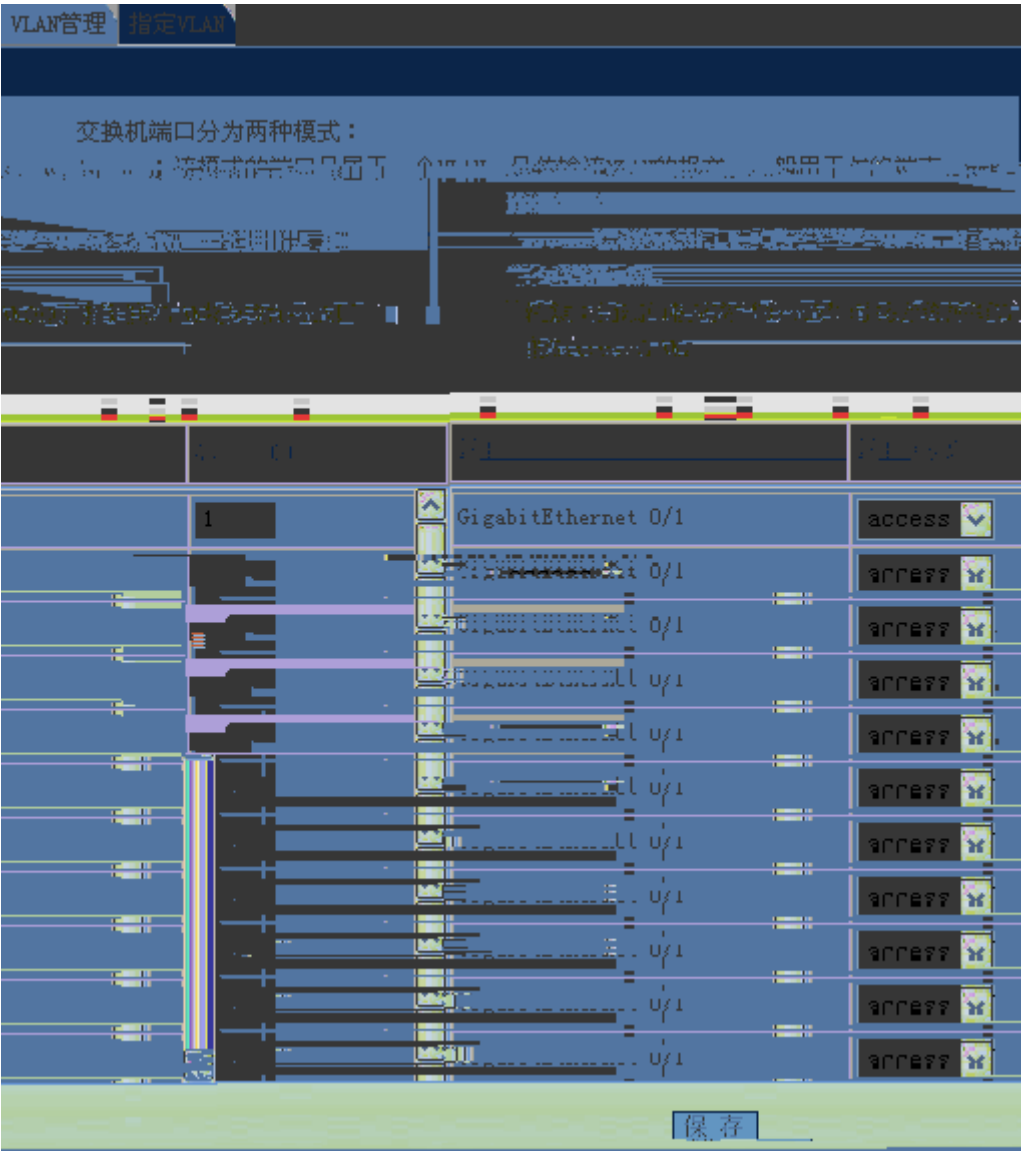
7 VLAN

VLAN ID VLAN
VLAN VLAN
VLAN
VLAN



8 VLAN

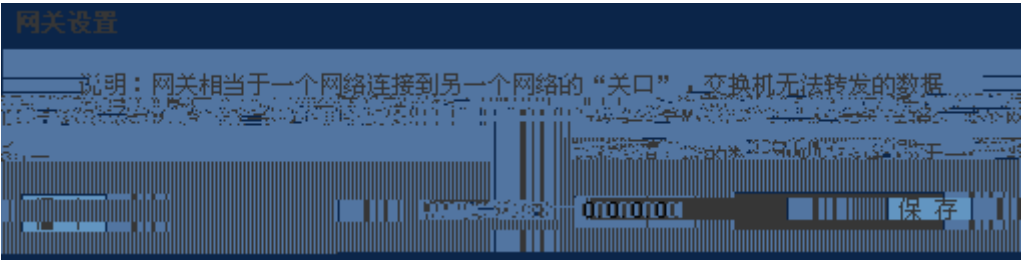
VLAN
VLAN
2 VLAN



9 VLAN

VLAN ID

2.2.3

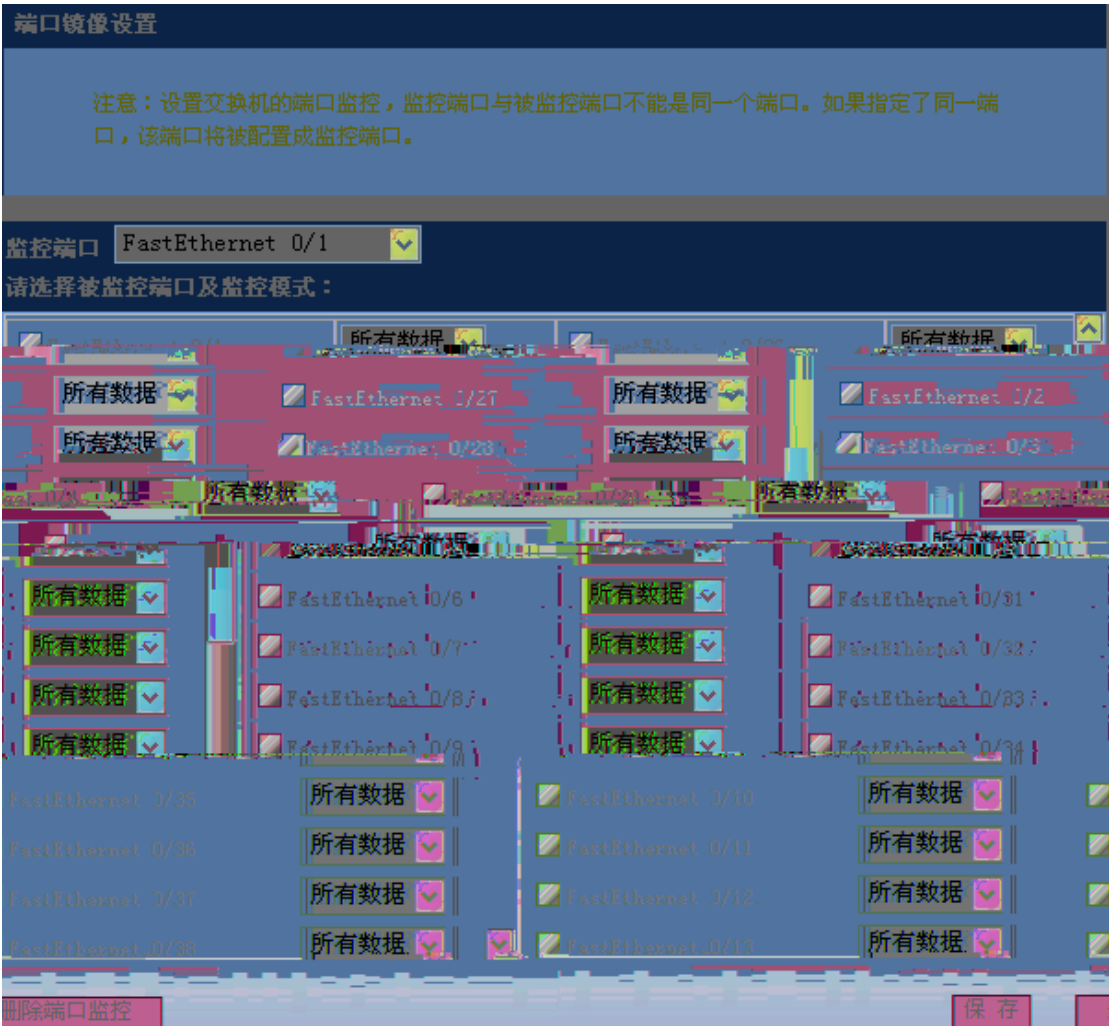


10

IP

IP

2.2.4



11

2.2.5

端口限速设置

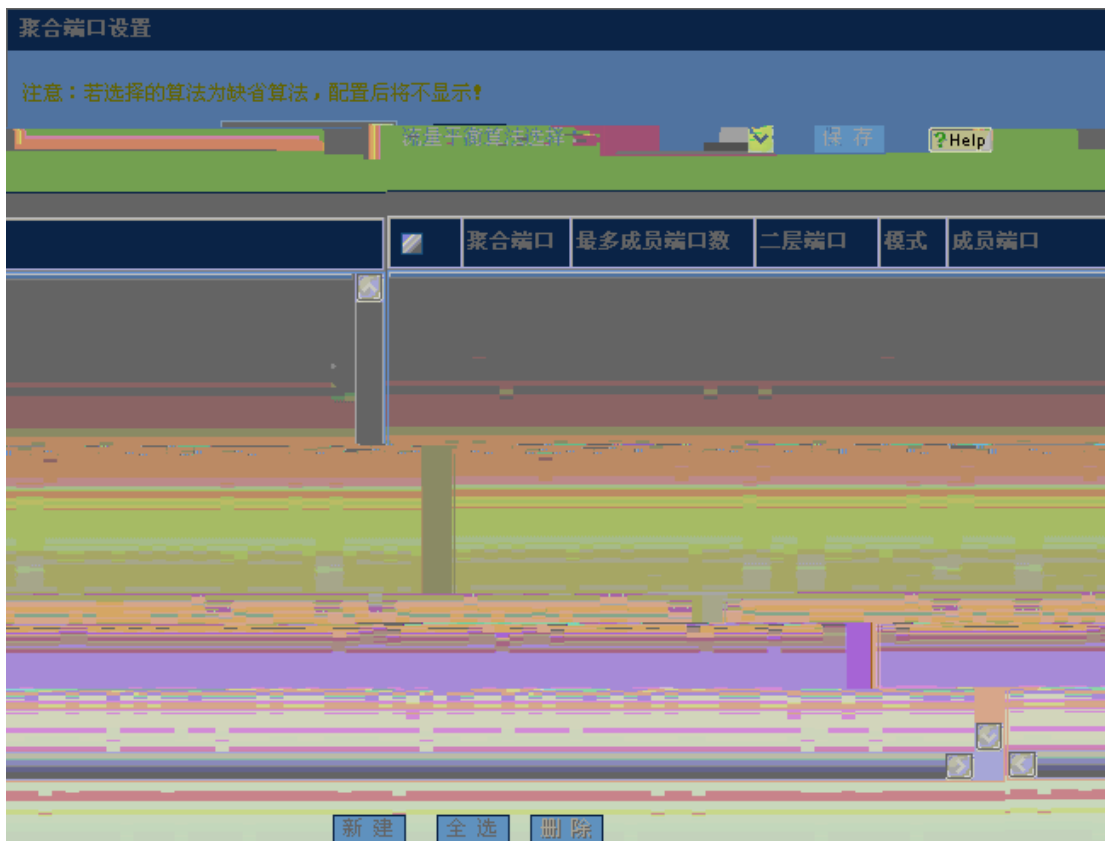
注意：不限速的端口，保持对应文本框为空（1byte=8bit）。S2900系列设备不支持对端口输入速率限制的设置。

端口	输出速率限制 (312-1000000 KBit/s)	输入速率限制 (312-1000000 KBit/s)
GigabitEthernet 0/1		
GigabitEthernet 0/2		
GigabitEthernet 0/3		
GigabitEthernet 0/4		
GigabitEthernet 0/5		
GigabitEthernet 0/6		
GigabitEthernet 0/7		
GigabitEthernet 0/8		
GigabitEthernet 0/9		
GigabitEthernet 0/10		
GigabitEthernet 0/11		
GigabitEthernet 0/12		
GigabitEthernet 0/13		
GigabitEthernet 0/14		
GigabitEthernet 0/15		

保 存

取消全部限速

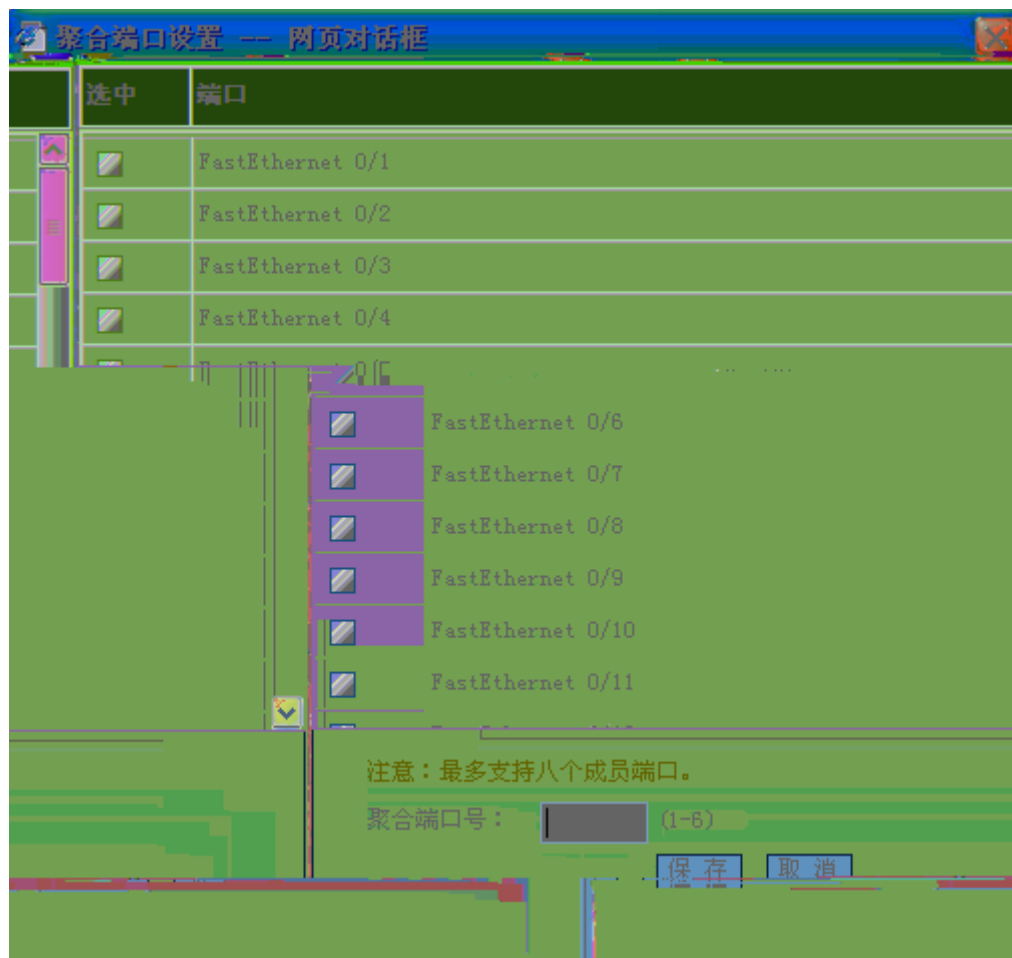
2.2.6

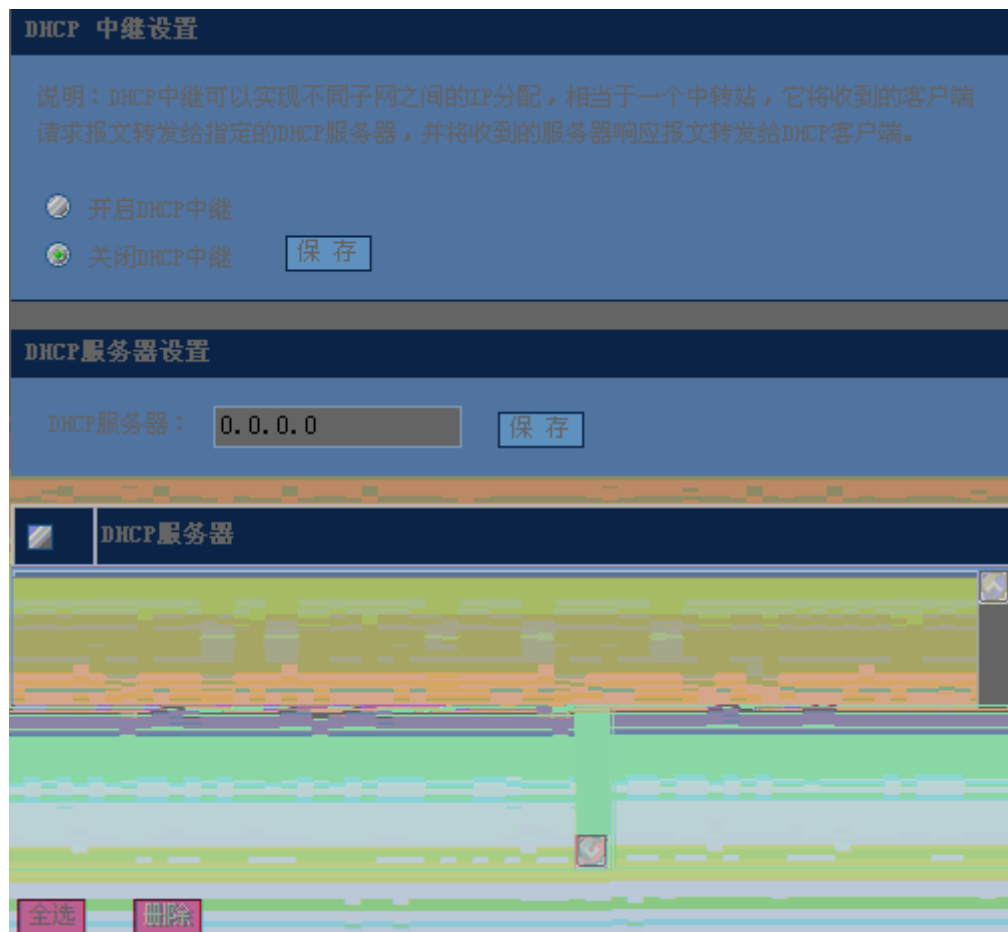


13

1

2





16 DHCP

1) / DHCP

/ DHCP

2) DHCP

DHCP

DHCP

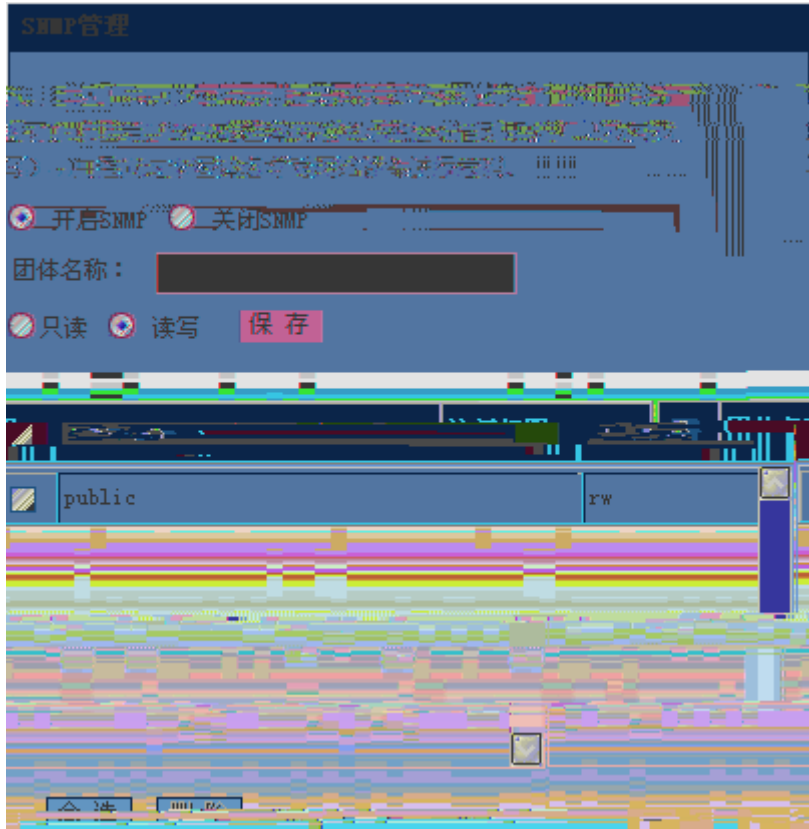
2.2.9 IGMP Snooping

IGMP Snooping

IGMP Snooping



SNMP



19 SNMP

SNMP

SNMP

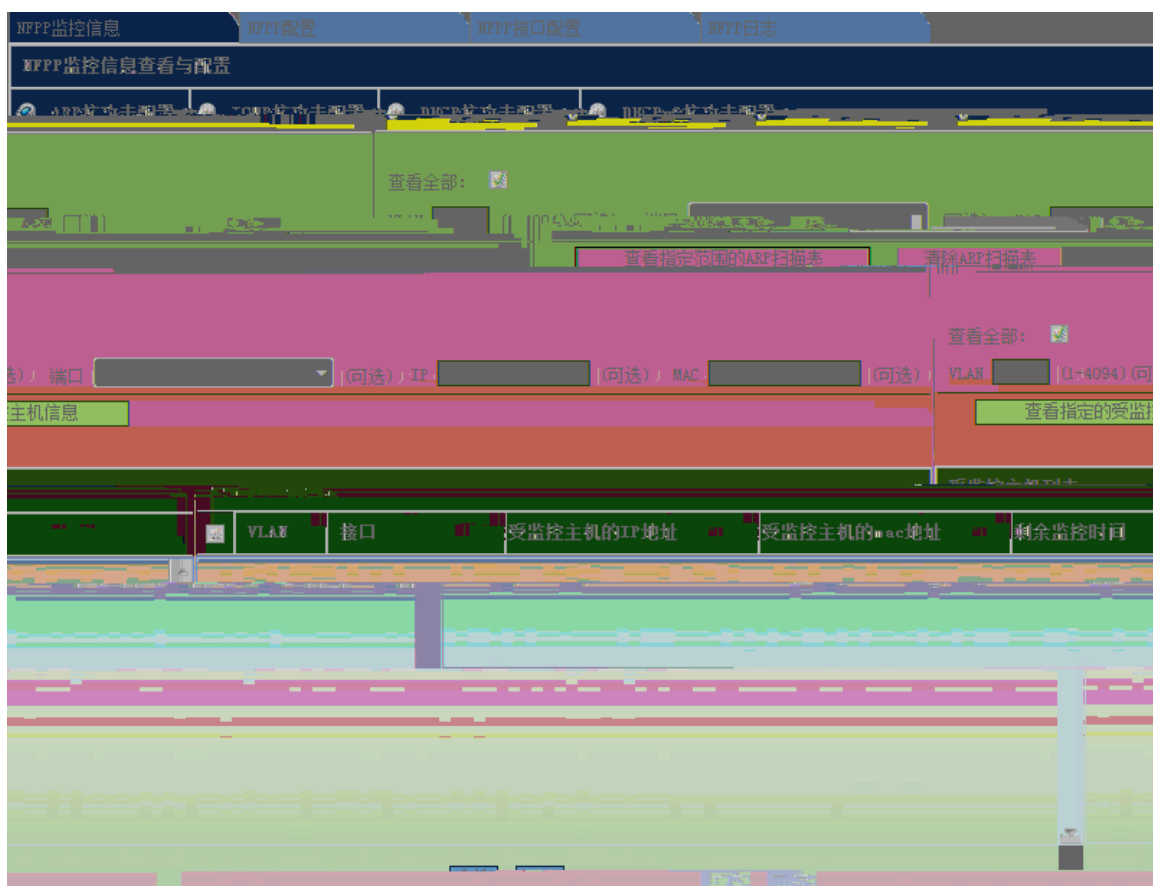
SNMP

SNMP

2.2.12 NFPP

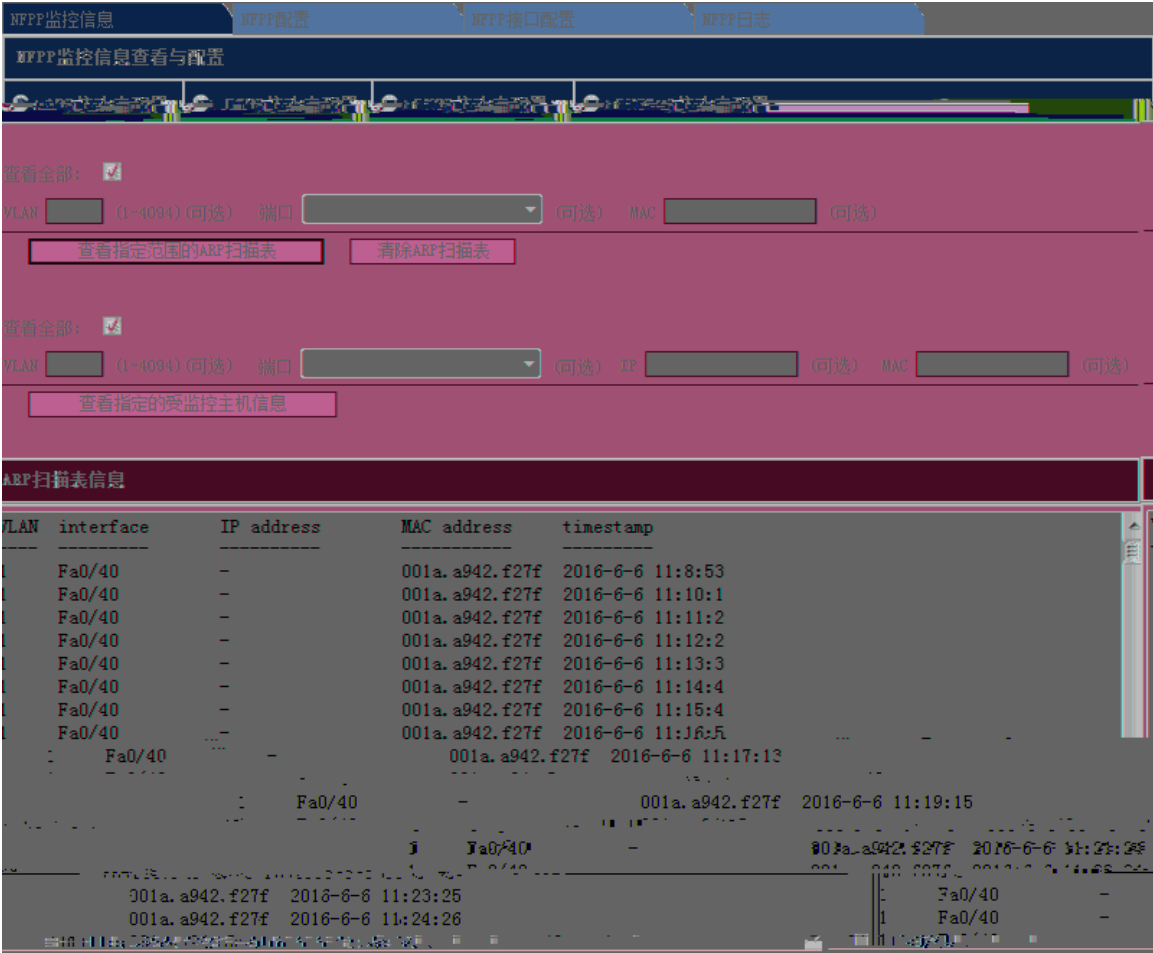
NFPP

1 NFPP



20 NFPP

- ARP



21 ARP

ARP

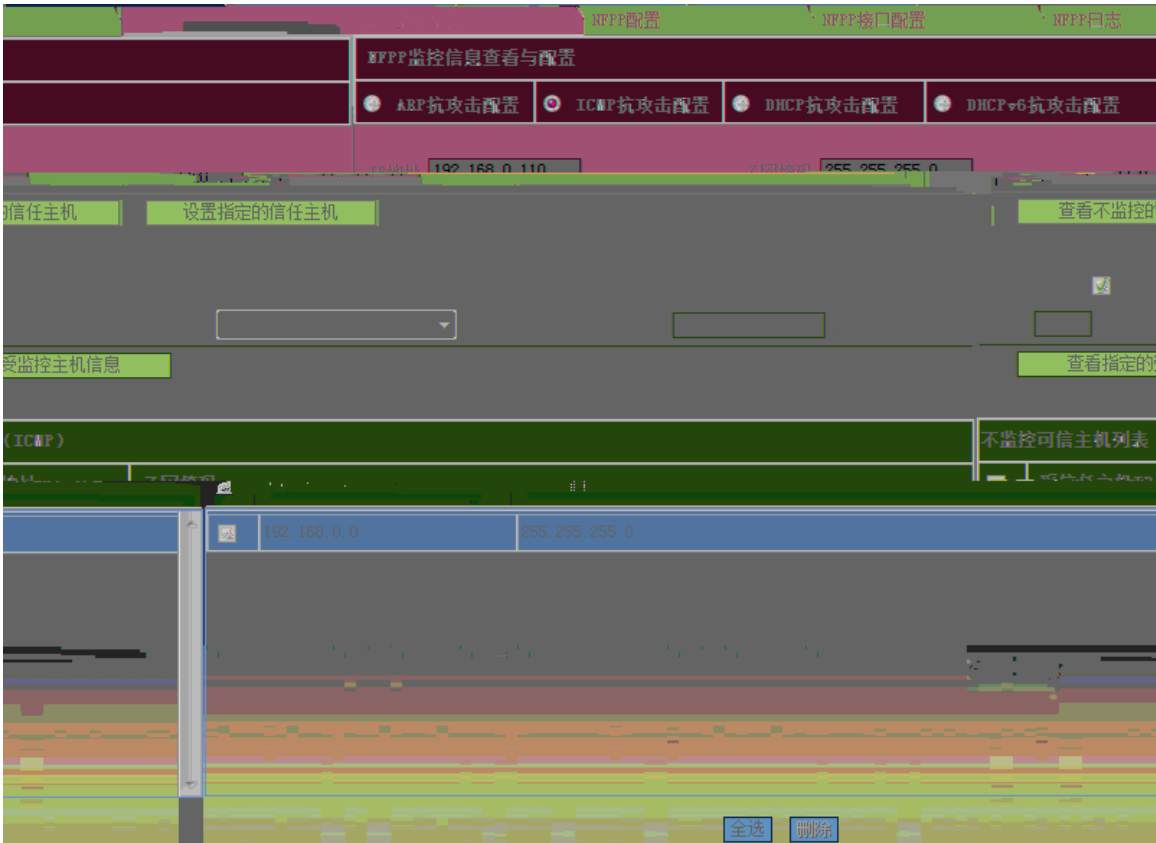
ARP

ARP

ARP

ARP

- ICMP

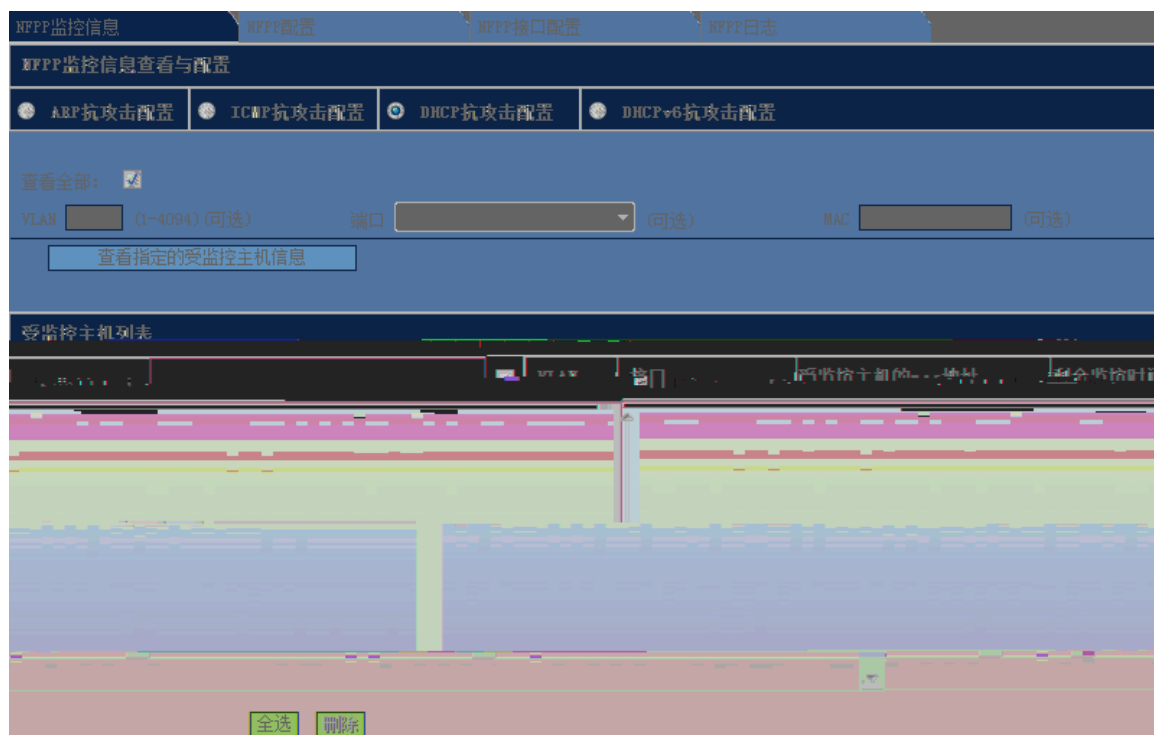


22 NFPP --ICMP

ICMP

IP

- DHCP

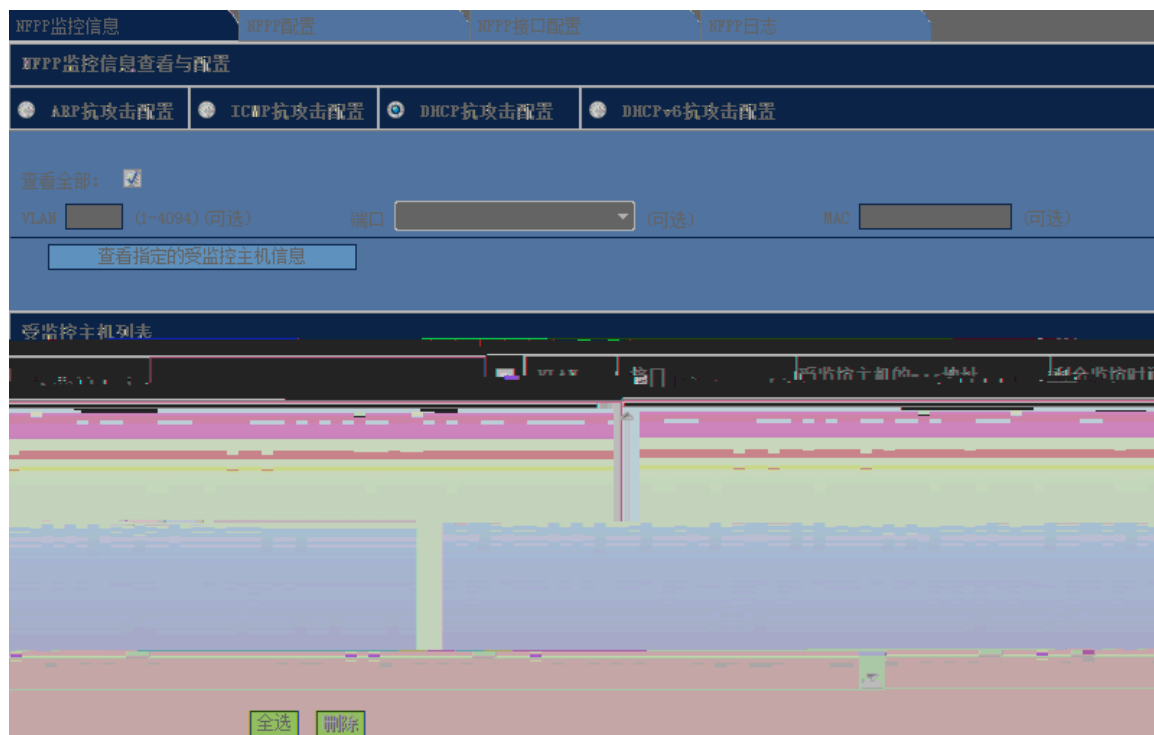


23 NFPP

DHCP

DHCP

- DHCPv6

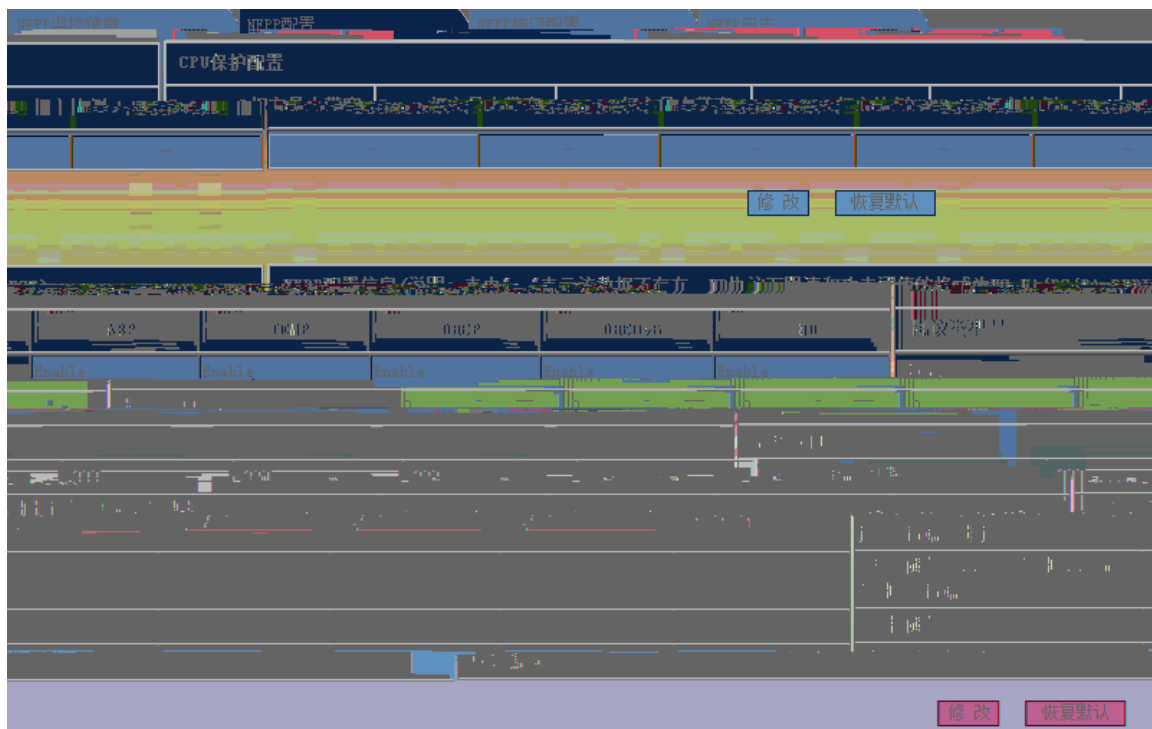


24 NFPP

DHCP

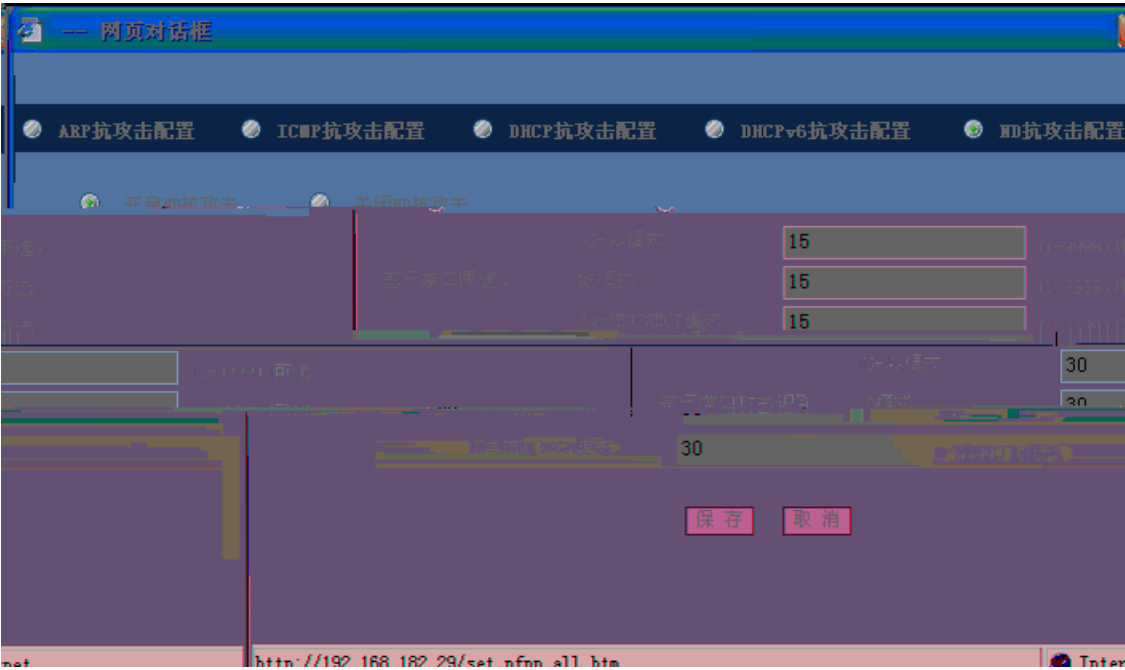
DHCPv6

2 NFPP



CPU

- NFPP



27 NFPP

NFPP

NFPP

NFPP

- 3 NFPP

- ARP

NFPP监控信息NFPP配置NFPP接口配置NFPP日志

NFPP接口信息配置

ICMP攻击配置DHCP攻击配置DHCPv6攻击配置DD攻击配置ARP攻击配置

0/1

开启ARP攻击

关闭ARP攻击

默认

接口:FastEthernet

限速值:123(1-9999)

攻击阈值:123(1-9999)

基于ip/vid/端口识别主机

限速值:789(1-9999)

攻击阈值:789(1-9999)

基于mac/vid/端口识别主机

限速值:123(1-9999)

攻击阈值:456(1-9999)

基于port/端口识别主机(可

(0/30-86400)(可选)

永久隔离

扫描阈值:123(1-9999)(可选)

隔离时间:123

保存

攻击状态	隔离时间	限速值(基于IP/MAC/PORT)	攻击阈值(基于IP/MAC/PORT)	扫描阈值		接口	ARP攻击
	123	123/789/123	123/789/456	123		Fa0/1	Enable

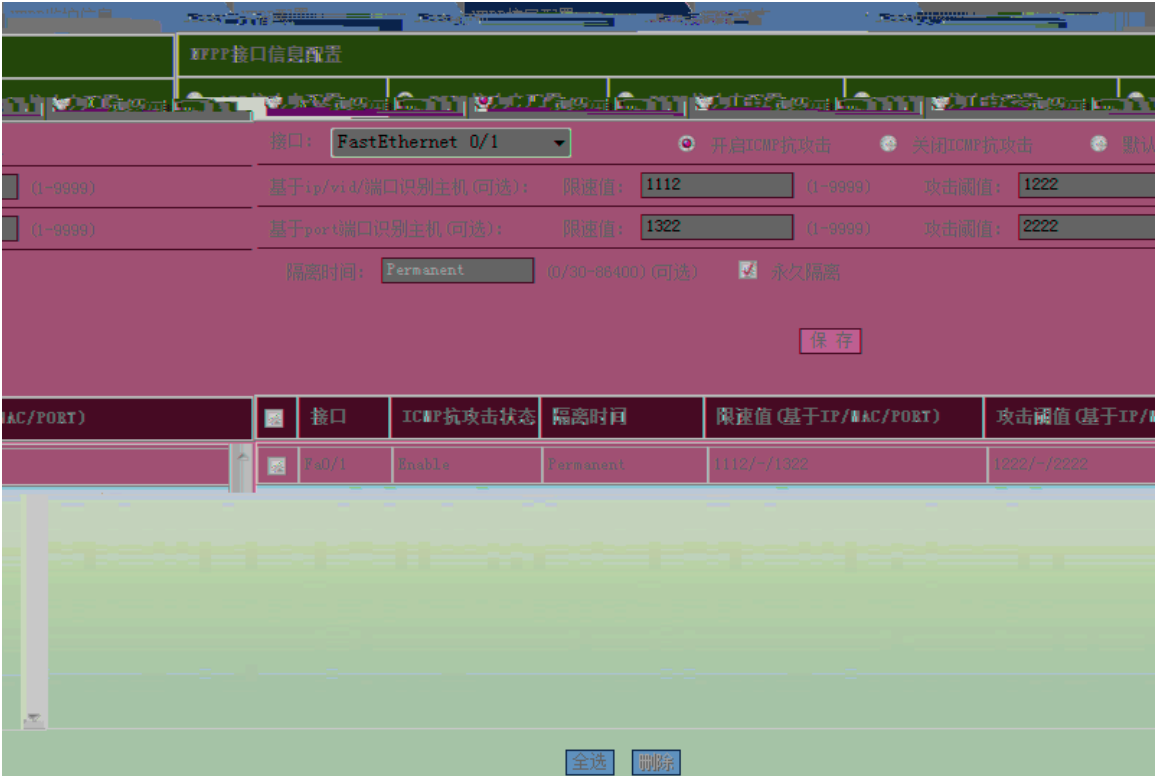
全选

删除

28 NFPPNFPPARP

ARPNFPP

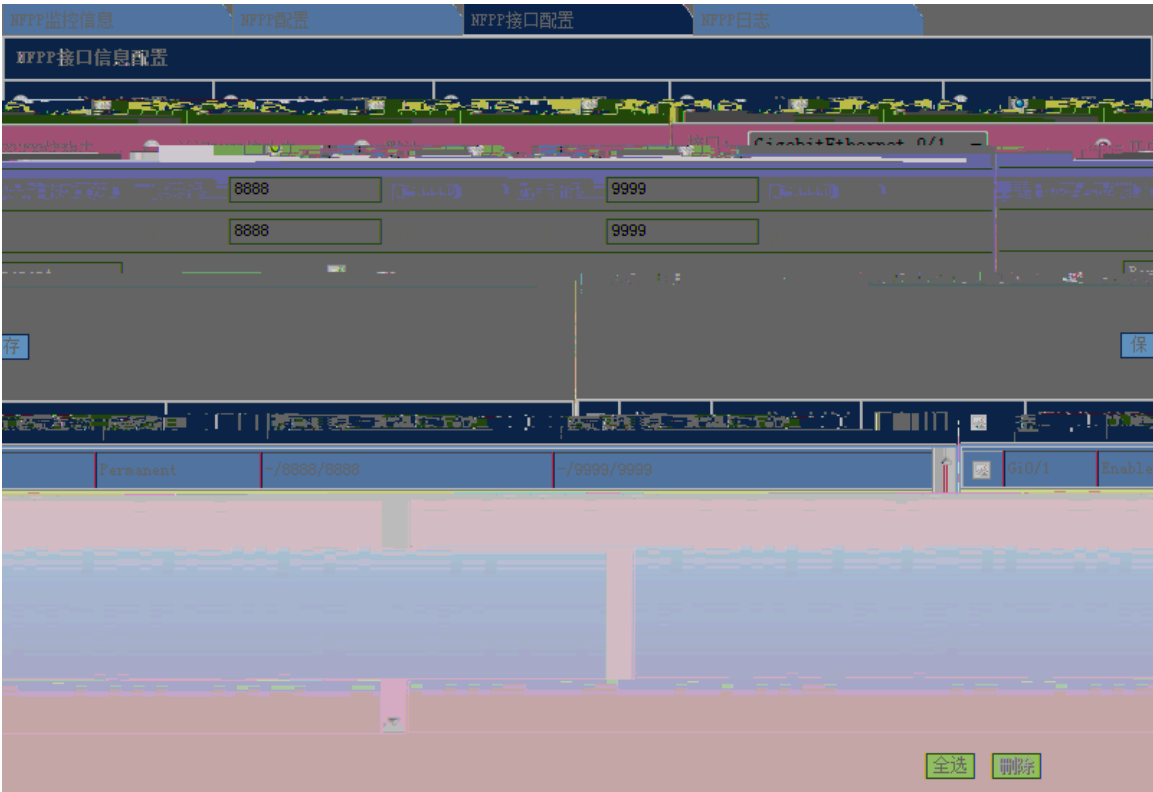
- ICMP



29 NFPP NFPP ICMP

ICMP NFPP

- DHCP



30 NFPP NFPP DHCP

DHCP NFPP

- DHCPv6

NFPP监控信息

NFPP配置

NFPP接口配置

NFPP日志

抗攻击配置

ED攻击配置

攻击默认

9999(1-9999)

9999(1-9999)

NFPP接口信息配置

ARP攻击配置

ICMP攻击配置

DHCP攻击配置

DHCPv6攻击配置

接口GigabitEthernet 0/1

开启DHCPv6攻击

关闭DHCPv6攻击

基于mac/vid/端口识别主机(可选):

限速值8888(1-9999)

攻击阈值

基于port端口识别主机(可选):

限速值8888(1-9999)

攻击阈值

隔离时间Permanent(0/30-86400)(可选)

永久隔离

保存

MAC/PORT	接口	DHCPv6攻击状态	隔离时间	限速值(基于IP/MAC/PORT)	攻击阈值(基于IP/MAC/PORT)
	Gi0/1	Enable	Permanent	-/8888/8888	-/9999/9999

全选删除

31 NFPP NFPP DHCPv6

DHCPv6 NFPP

- ND

NFPP监控信息NFPP配置NFPP接口配置NFPP日志

NFPP接口信息配置

ARP攻击配置

ICMP攻击配置

DHCP攻击配置

DHCPv6攻击配置

DD攻击配置

Gi0/1

限速值: 8888 (1-9999) 攻击阈值: 9999 (1-9999) DD-RA模式:

限速值: 1111 (1-9999) 攻击阈值: 2222 (1-9999) 基于源IP/端口识别主机(可选):

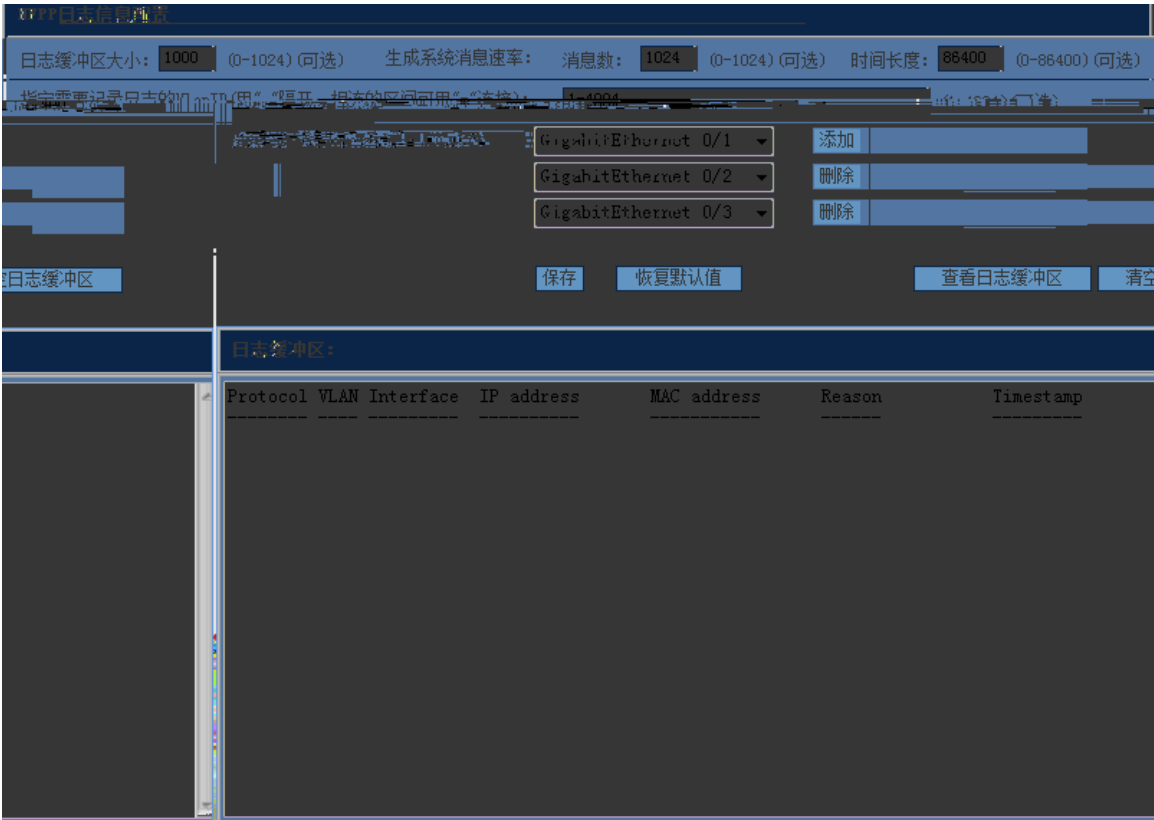
保存

	Gi0/1	Enable	8888/1111/3333	9999/2222/5555
--	-------	--------	----------------	----------------

全选

删除

32 NFPP N 3 NFPP

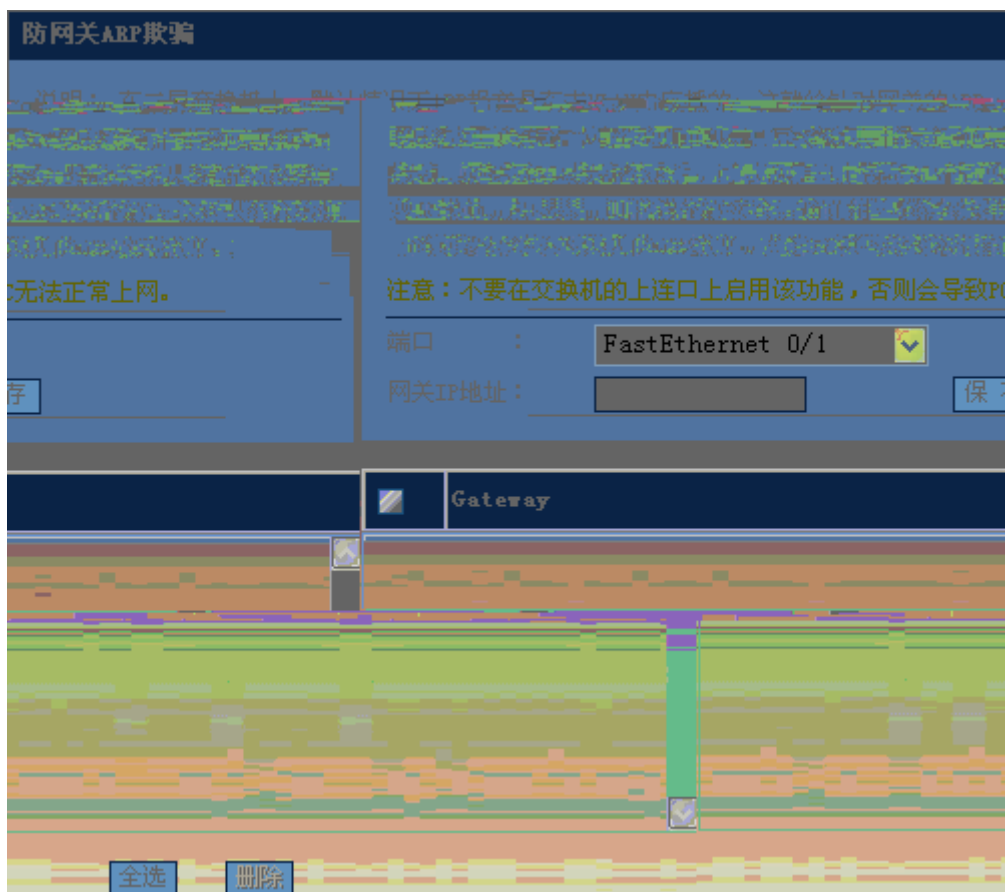


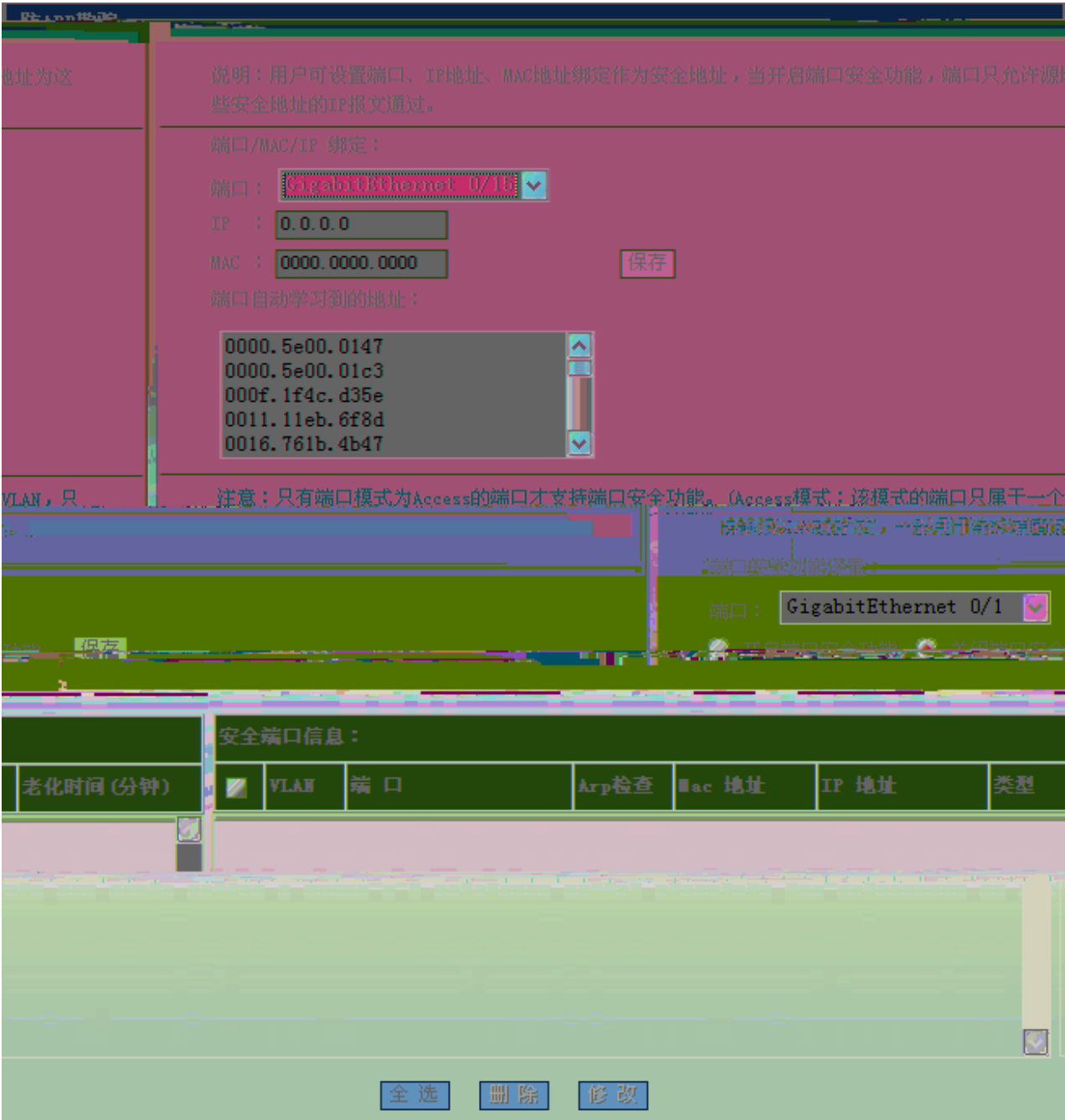
2.3

2.3.1 ARP

ARP

ARP





36 ARP

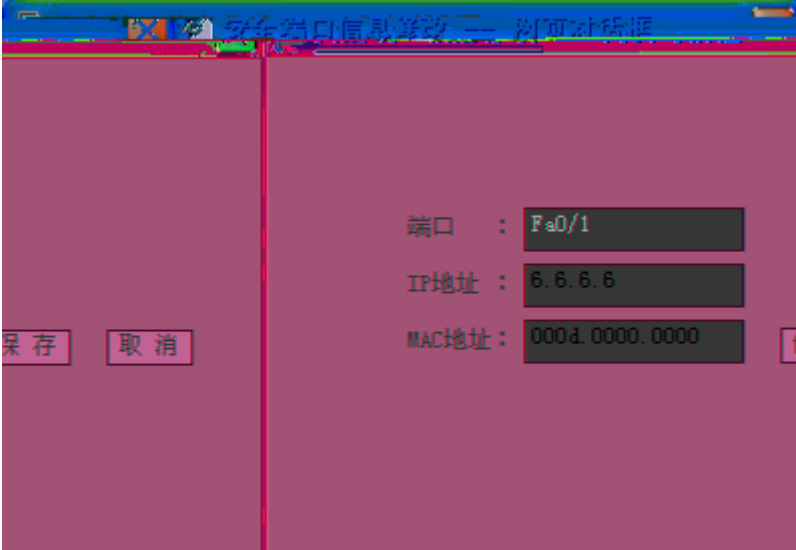
- 1) /MAC/IP
- /MAC/IP

IP

MAC
- MAC

GigabitEthernet 0/15
- MAC
- 2

3)



The screenshot shows a web-based configuration interface for a network device. The title bar at the top reads "安全端口信息修改" (Modify Security Port Information) and "页面地址: 192.168.1.1". The main content area is divided into two sections. The left section contains two buttons: "保存" (Save) and "取消" (Cancel). The right section contains three input fields for configuration:

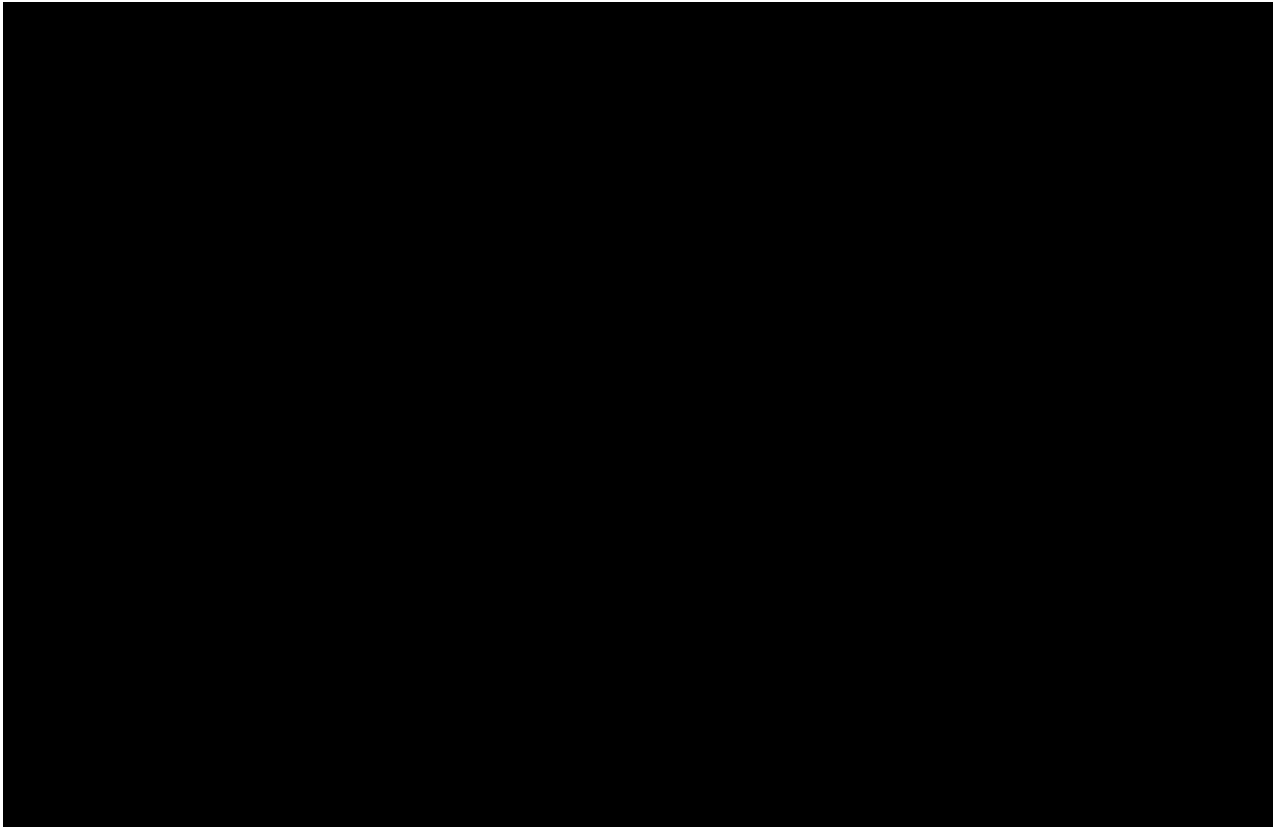
Label	Value
端口 (Port)	Fe0/1
IP地址 (IP Address)	6.6.6.6
MAC地址 (MAC Address)	000d.0000.0000

There is a small red box with the number "1" next to the MAC address field.

2.3.4 ACL

ACL

ACL



39 ACL

1 ACL

ACL
ACL

ACL
ACE
ACL

ACL
ACE

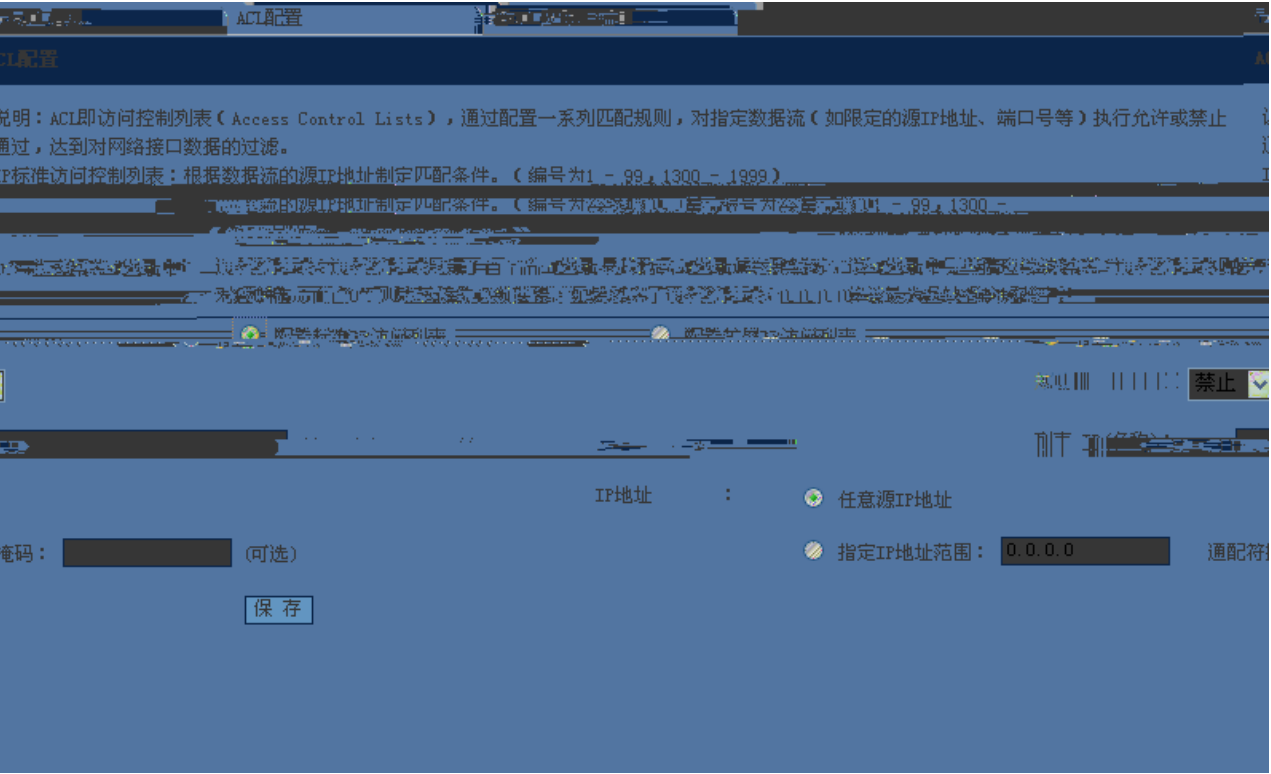
ACE

2 ACL

IP

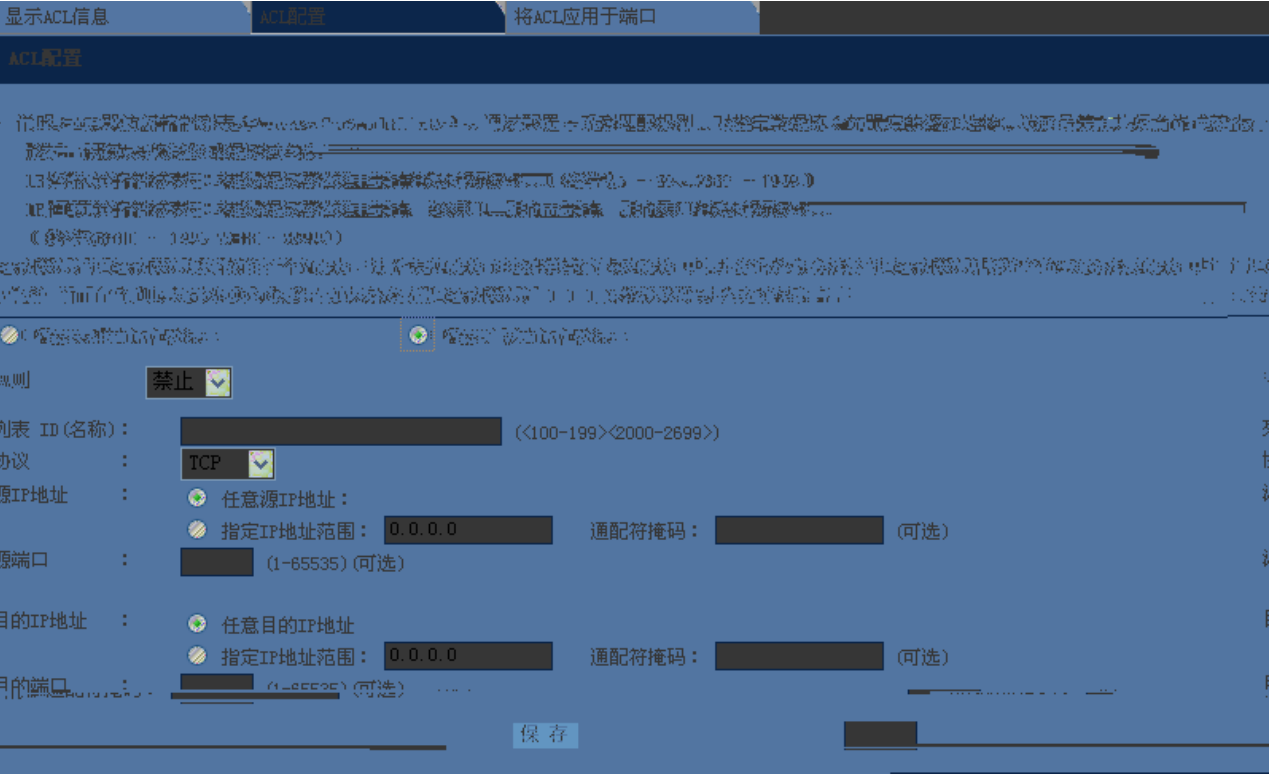
IP

IP



40 IP

ID
IP IP , IP
IP IP IP



41 IP

ID

TCP UDP IP ICMP

IP

IP

IP

IP

IP

IP

3 ACL



42 ACL

ACL

ACL



PC

PC

IP Source Guard

DHCP Snooping

IP Source Guard

IP Source Guard



43 IP Source Guard

1

IP Source Guard

IP+MACIP+MAC ()

2

IP

MAC

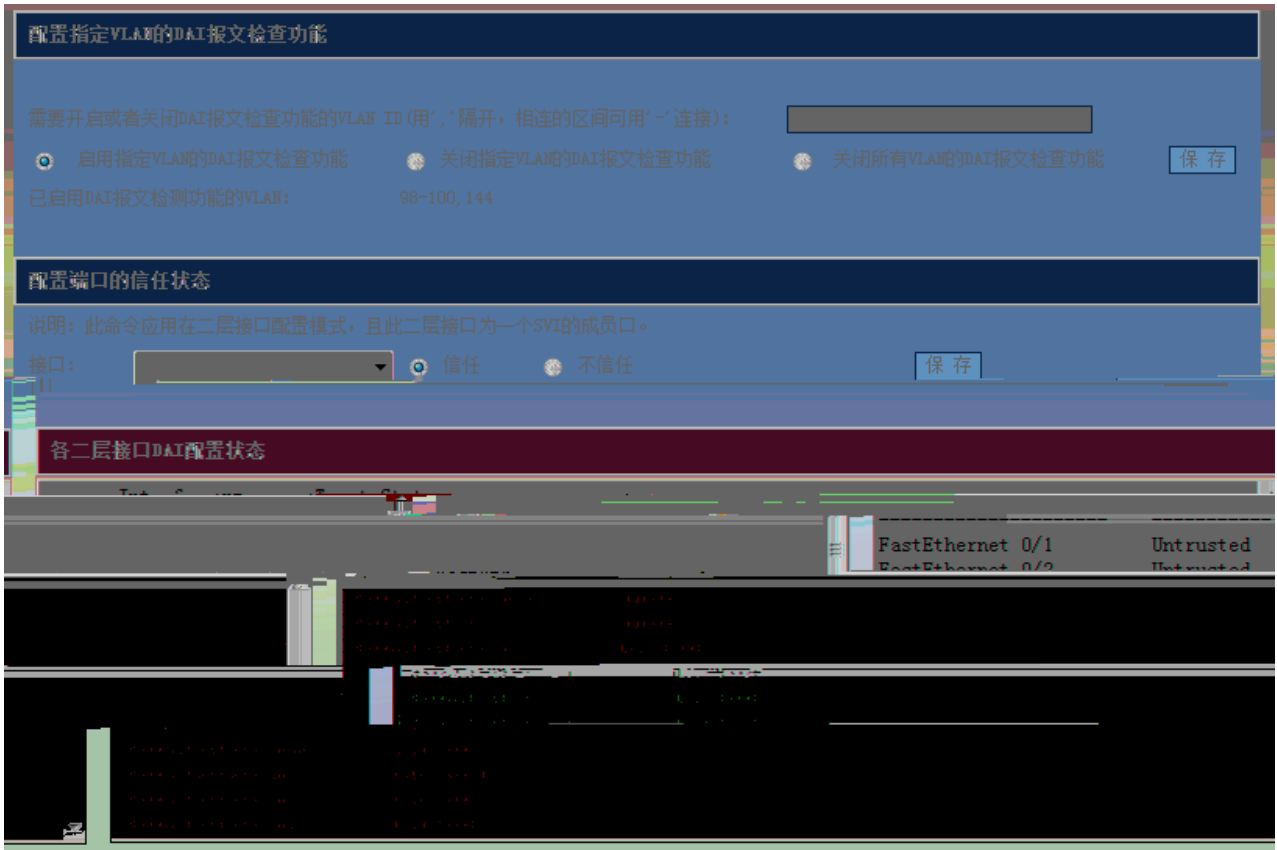
MAC

VLAN VLAN ID
IP IP



2.3.6 DAI

DAI Dynamic ARP Inspection ARP ARP
 arp
DAI
DAI



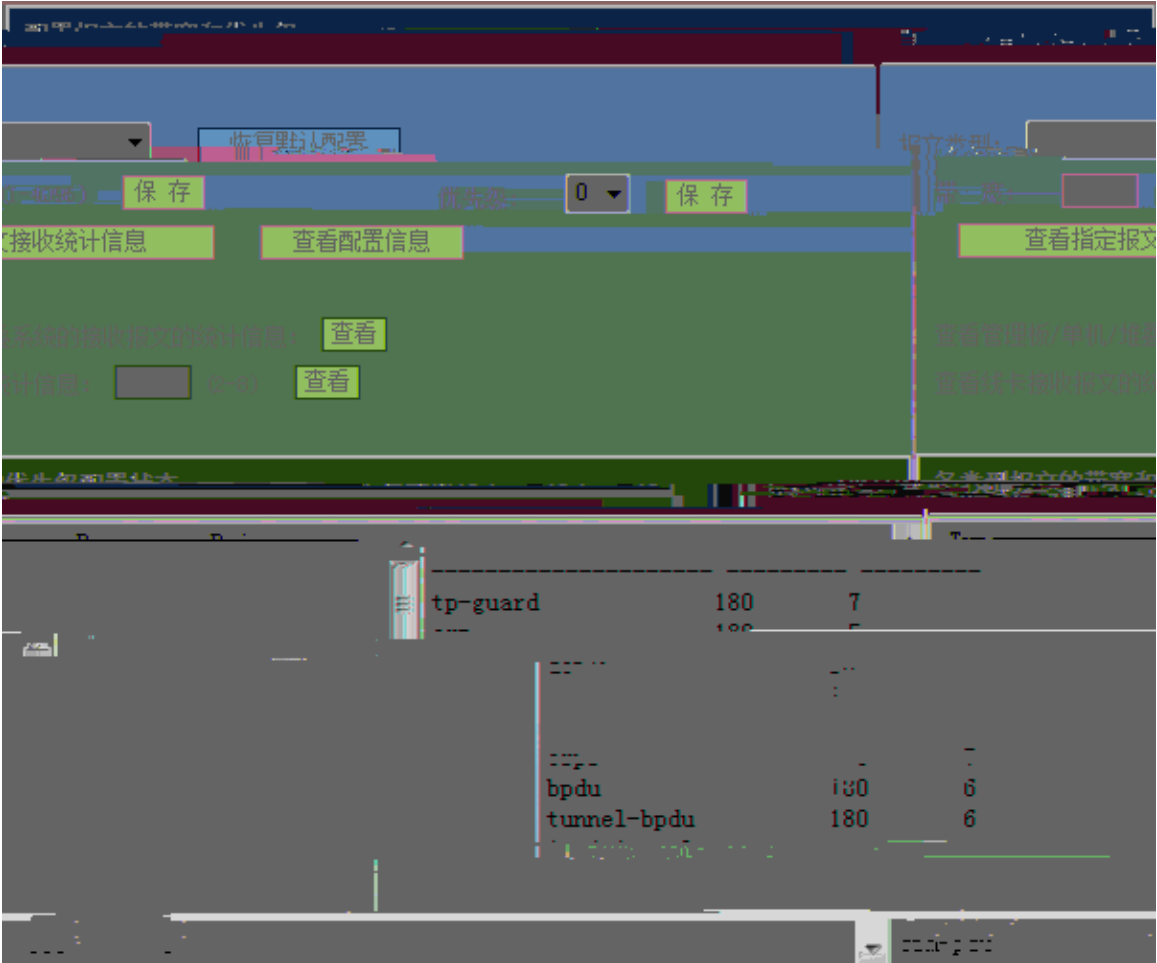
45 DAI

1 VLAN DAI
VLAN DAI

GSN GSN

2.3.8 CPP

CPP



47 CPP

Slot	Type	Pps	Total	Drop
MainBoard	arp	10	324430	0

48

Type	Req.	Pri.
vp-guard	180	7
static	3000	4
rtbh	180	7
tunnel-protect	180	8
ipsec-ipsec-protection	1800	8
vllbp	180	8
vllbp_vdp	180	8
cam-pdu	180	9

49

/ /

/ /

[illegible]

2.3.9 RADIUS

RADIUS

1 RADIUS

Radius服务器

Radius服务器组

AAA参数配置

AAA new-model:

开启

关闭

密钥:

隐藏密钥

保存

记帐计费更新功能:

开启

关闭

计费时间间隔更新方式:

IP授权模式:

supplicant

保存

保存

Radius服务器

Radius服务器IP地址:

192.168.0.111

UDP认证端口:

(0-65535) (可选)

UDP记账端口:

(0-65535) (可选)

保存

端口

服务器状态

Radius服务器IP地址

认证端口

记账端口

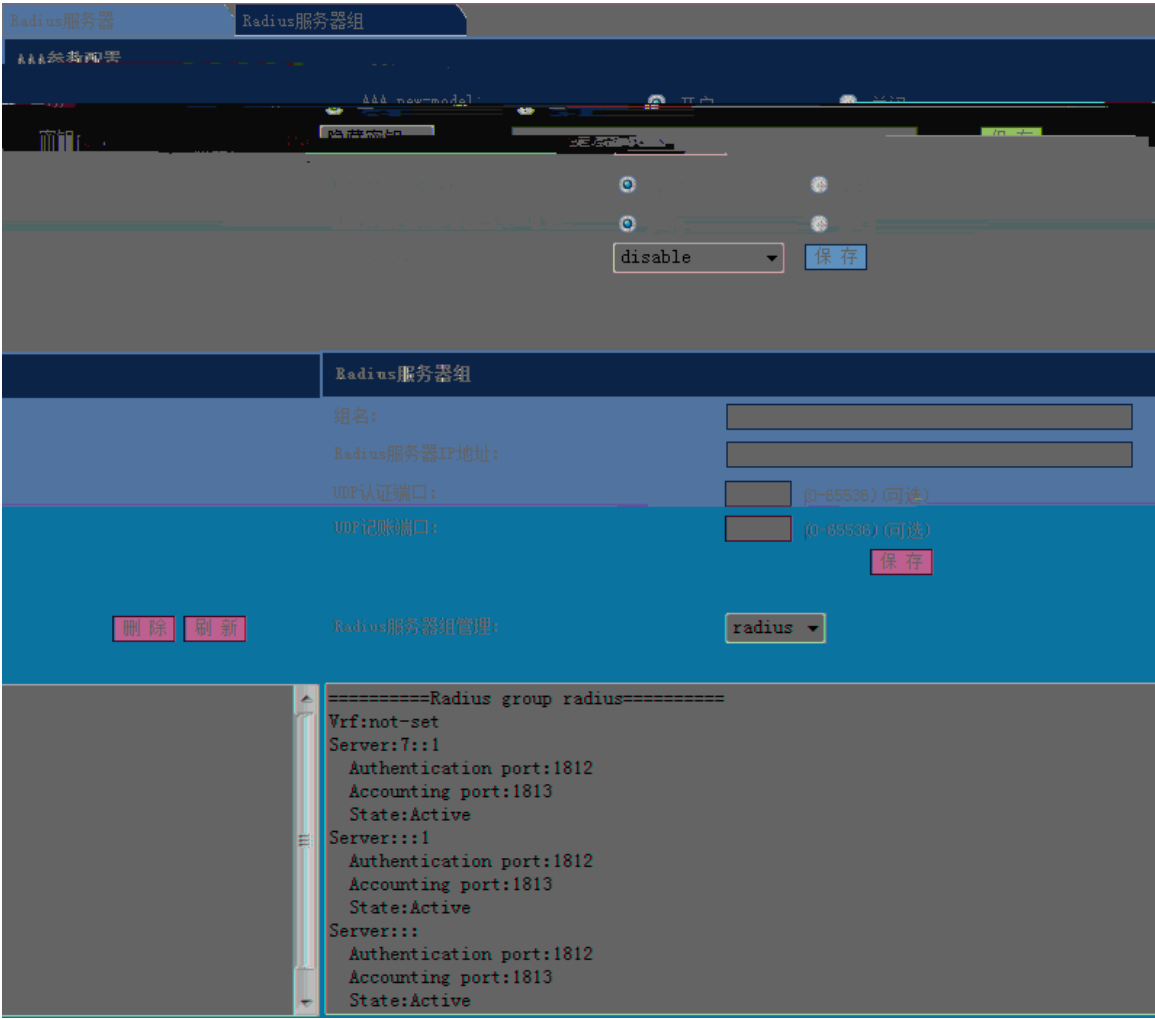
192.168.0.111

1813

1812

全选

删除



52 RADIUS

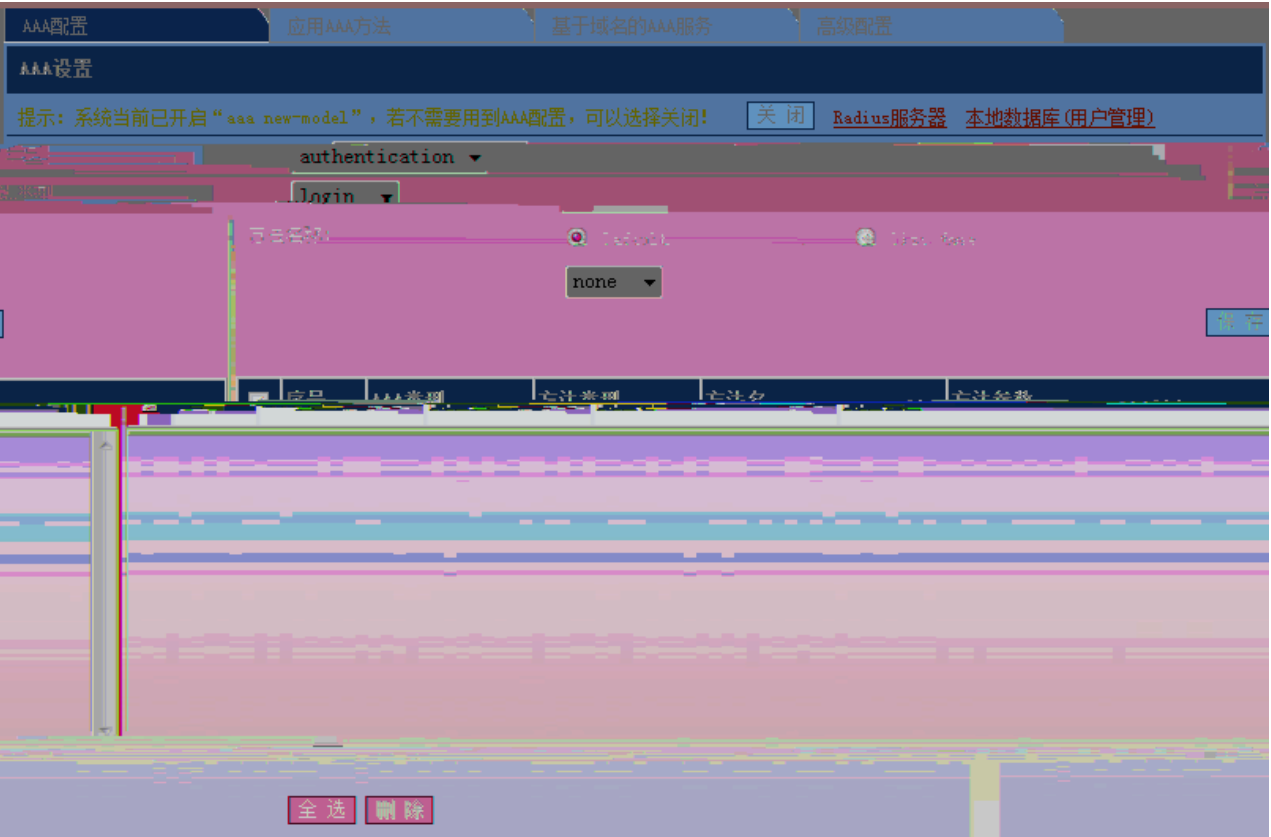
RADIUS IP

Radius

2.3.10 AAA

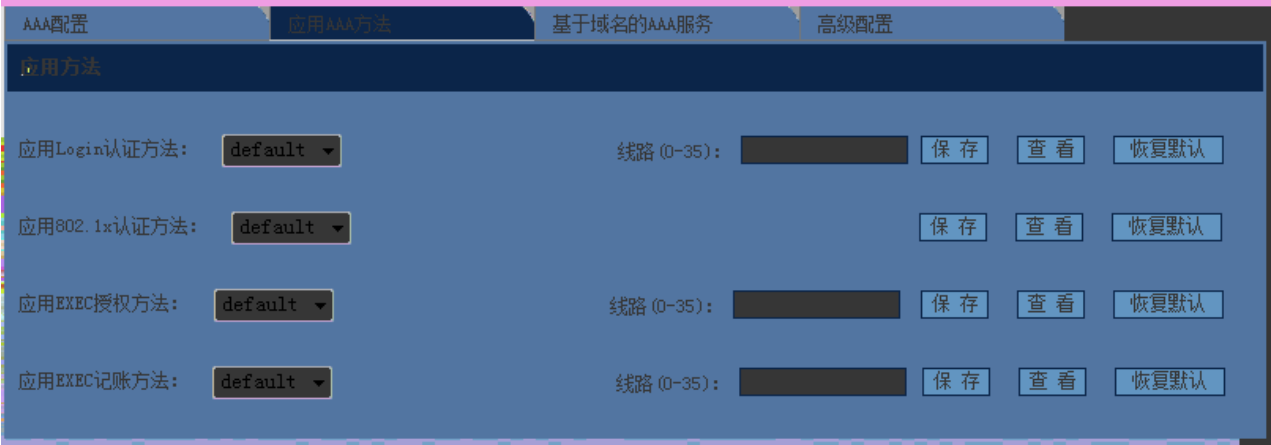
AAA

AAA



53 AAA

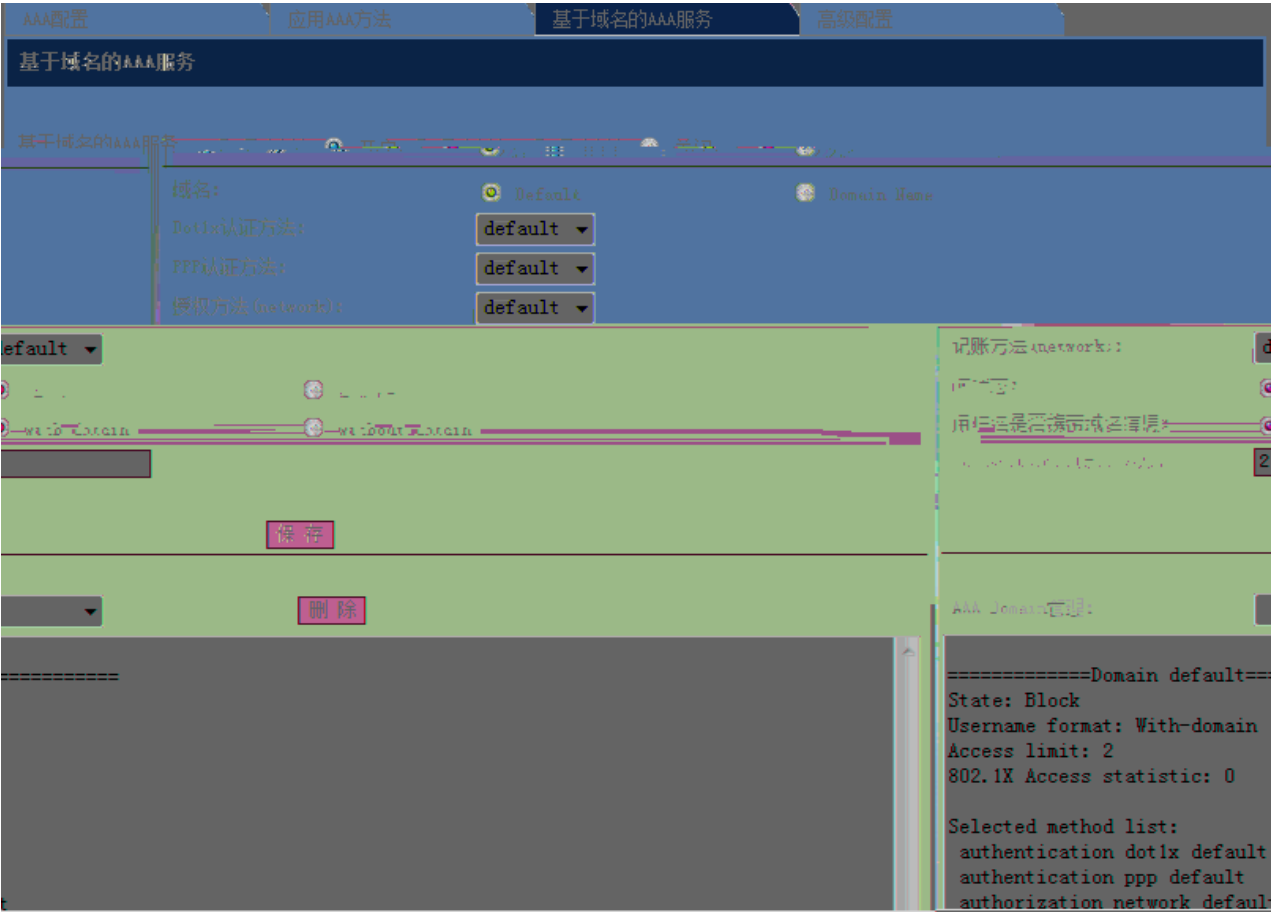
- 1 AAA
- AAA authentication authorization accounting AAA
login enable ppp dot1x exec command network
List Name local group
- 2 AAA



54 AAA

AAA AAA

3 AAA

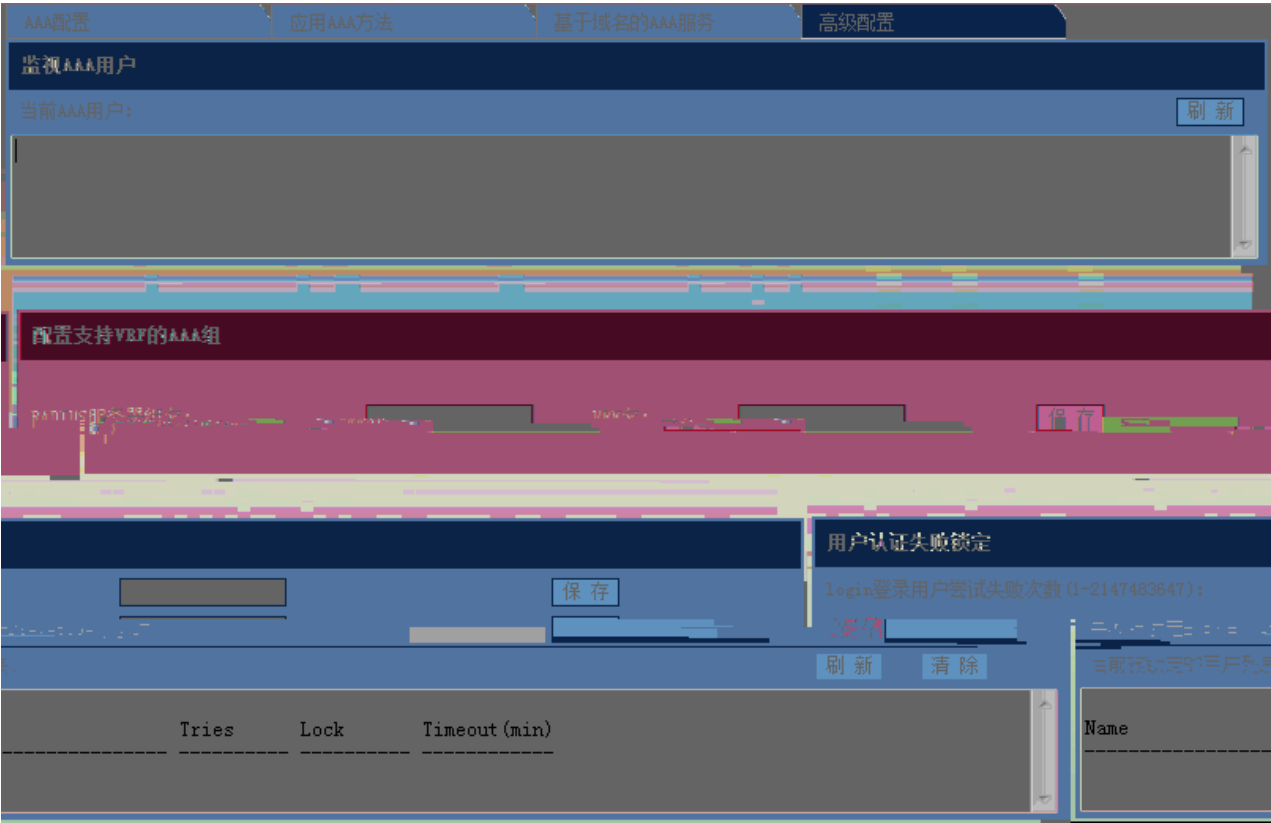


55 AAA

(network) AAA (network) Dot1x PPP Access Limit

AAA Domain

4 AAA



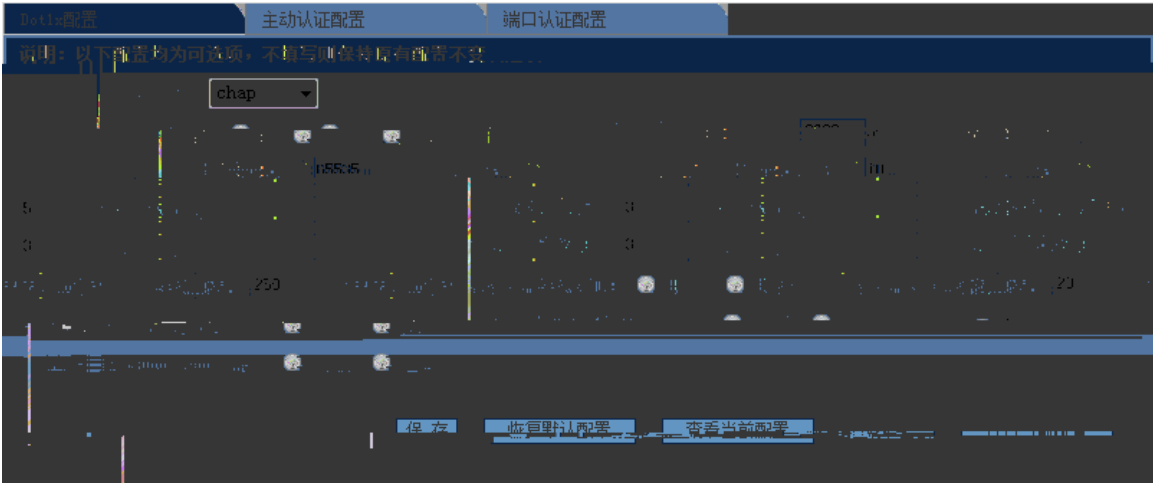
56 AAA

AAA AAA VRF AAA

2.3.11 Dot1x

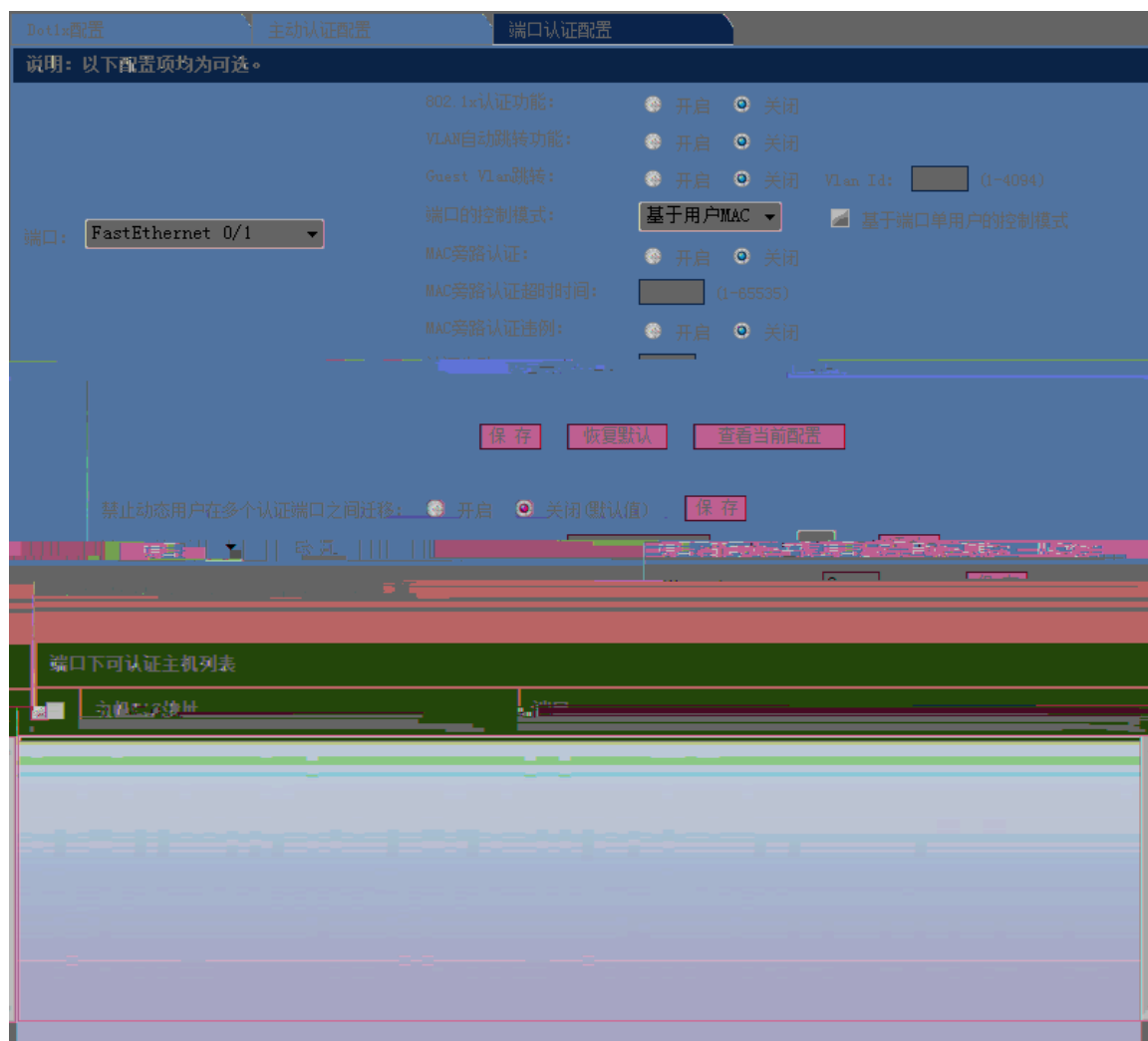
Dot1x

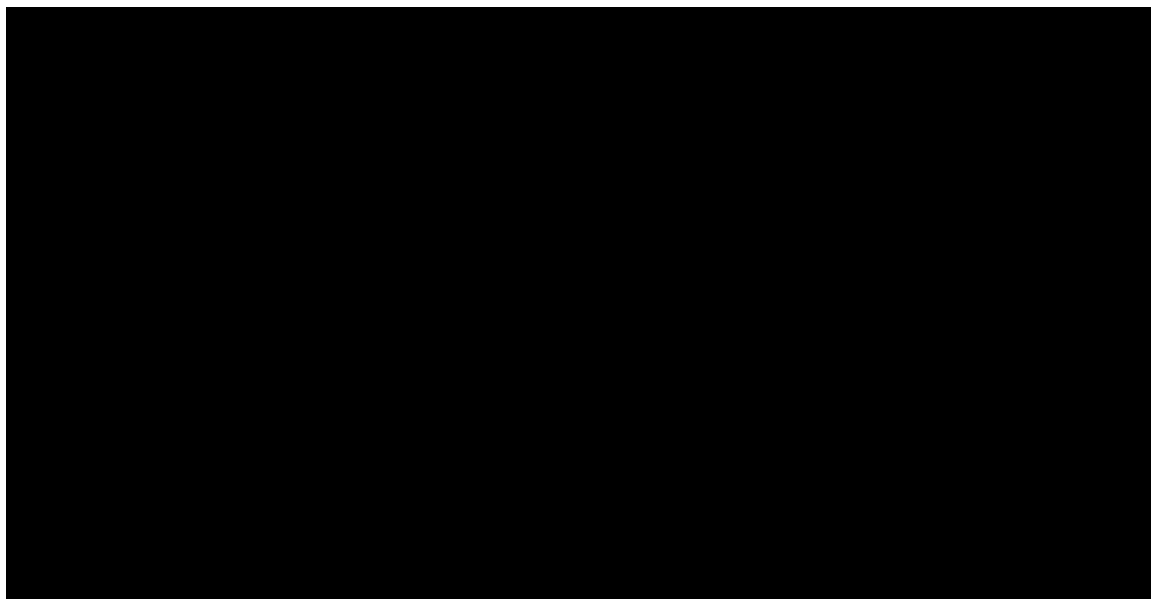
1 Dot1x



57 Dot1x

Dot1x





60

2

802.1x

MAC

VLAN

2.3.12



61

	IP	MAC		
1	IP	MAC	MAC	MAC
2	ARP	IP	MAC	

智能绑定

手动查找IP MAC对应信息

通过ARP表查看IP MAC对应信息

序号	IP	MAC	Vlan	操作
1	192.168.23.14	bc30.5bbe.8f4f	1	绑定
2	192.168.23.39	0025.64c5.af05	1	绑定
3	192.168.23.55	001e.ec0e.70ee	1	绑定
4	192.168.23.66	0023.ae86.b116	1	绑定
5	192.168.23.76	00d0.f866.66e0	1	绑定
6	192.168.23.83	0025.64af.cdee	1	绑定
7	192.168.23.93	0025.64c5.8970	1	绑定
8	192.168.23.94	0025.64c5.b2b9	1	绑定

刷新

62 ARP

2.3.13 WEB

web

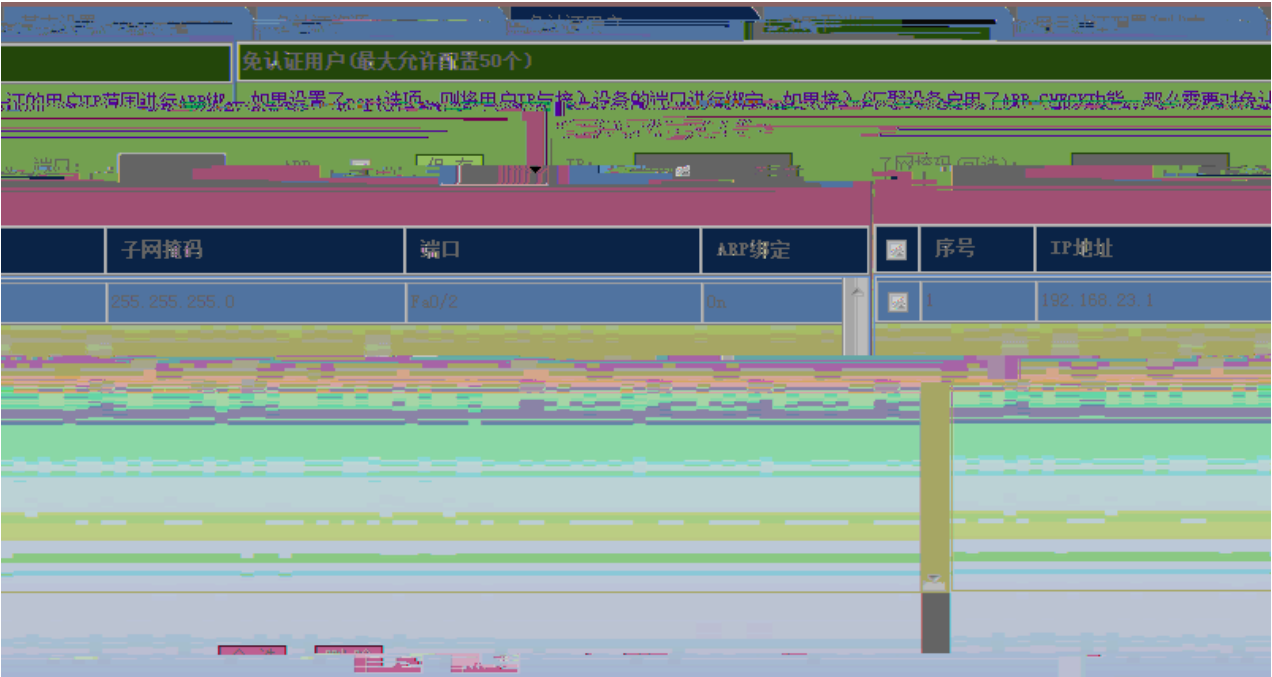
web



64

IP

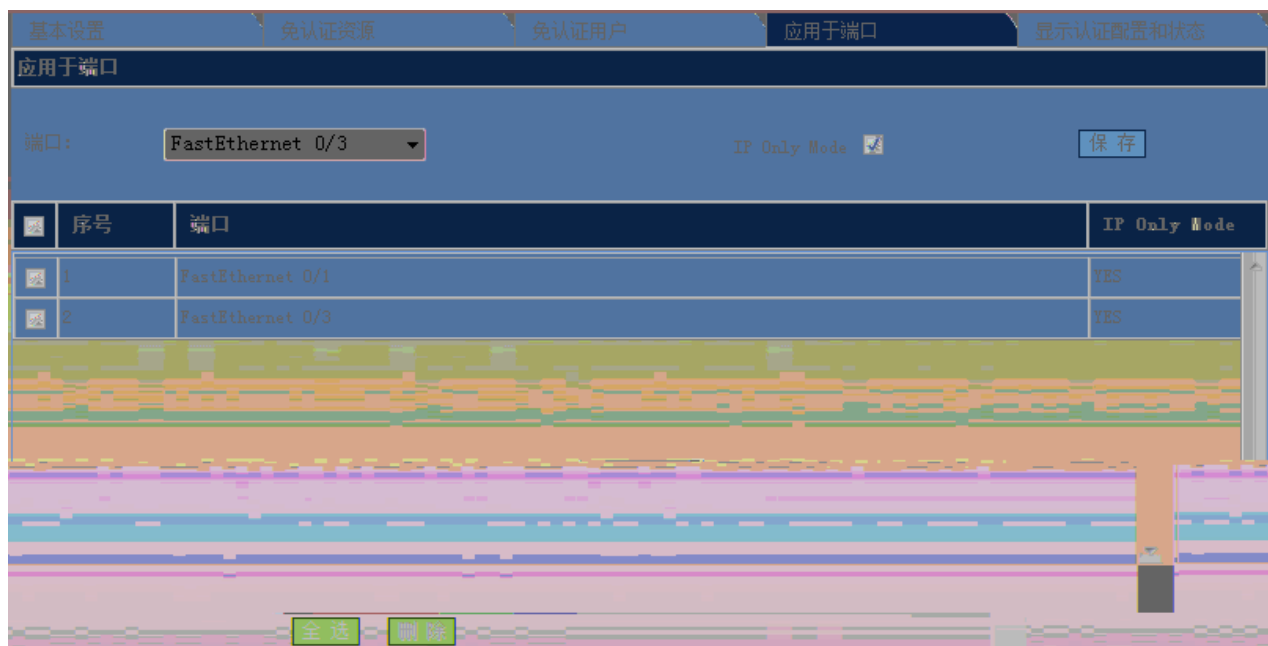
3)



65

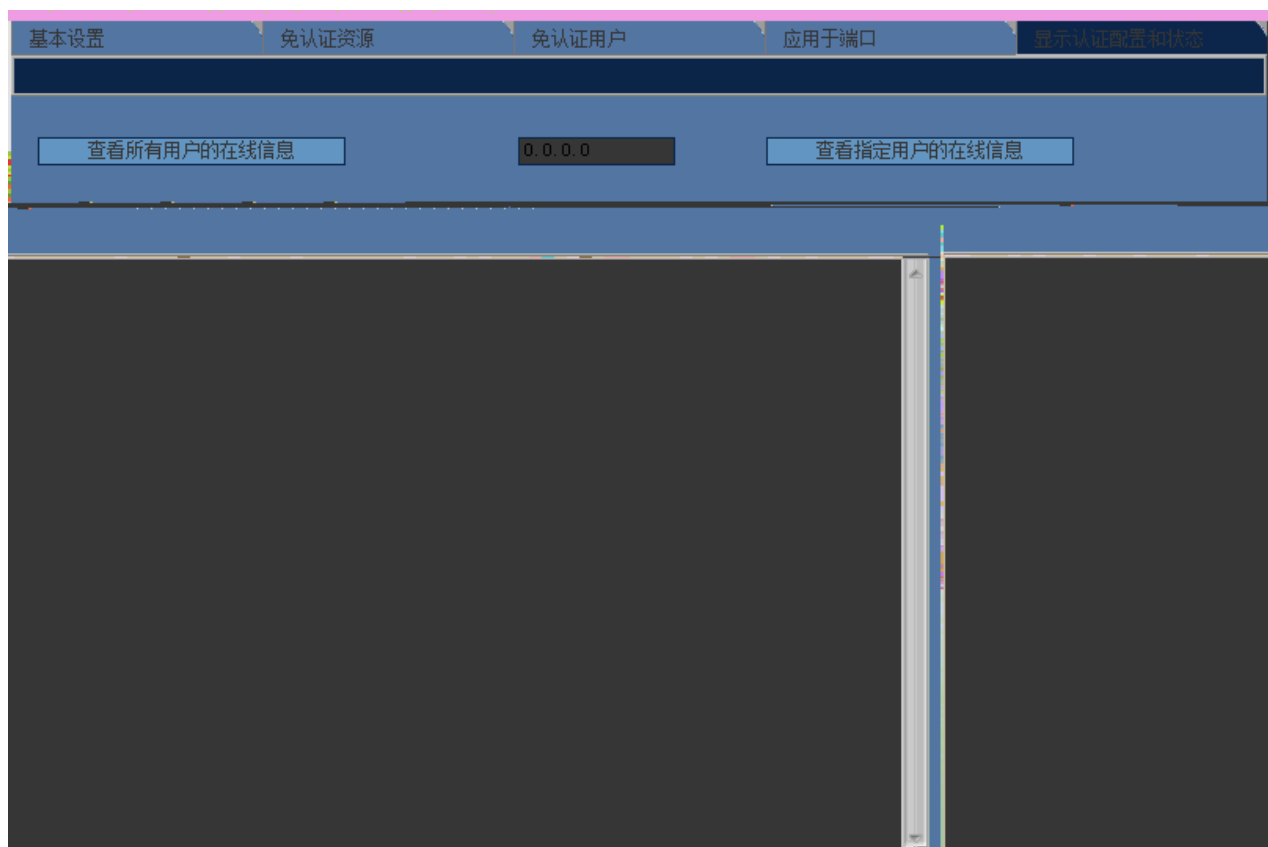
IP

4)



66

5)



67

IP

2.3.14 DHCP Snooping

DHCP Snooping

DHCP Snooping

DHCP Snooping 设置

说明：DHCP Snooping就是DHCP窥探，通过对Client和服务端之间的DHCP交互报文进行窥探，实现对用户的监控，同时DHCP Snooping起到一个DHCP 报文过滤的功能，通过合理的配置实现对非法服务器的过滤。

☒ 开启DHCP Snooping功能 ☐ 关闭DHCP Snooping功能

☒ 开启DHCP源MAC检查功能 ☐ 关闭DHCP源MAC检查功能

保存

DHCP Snooping 信任端口设置

端口：

FastEthernet 0/1

保存

DHCP Snooping配置信息		
限速	端口	信任端口

68 DHCP Snooping

1)DHCP Snooping

2)DHCP Snooping

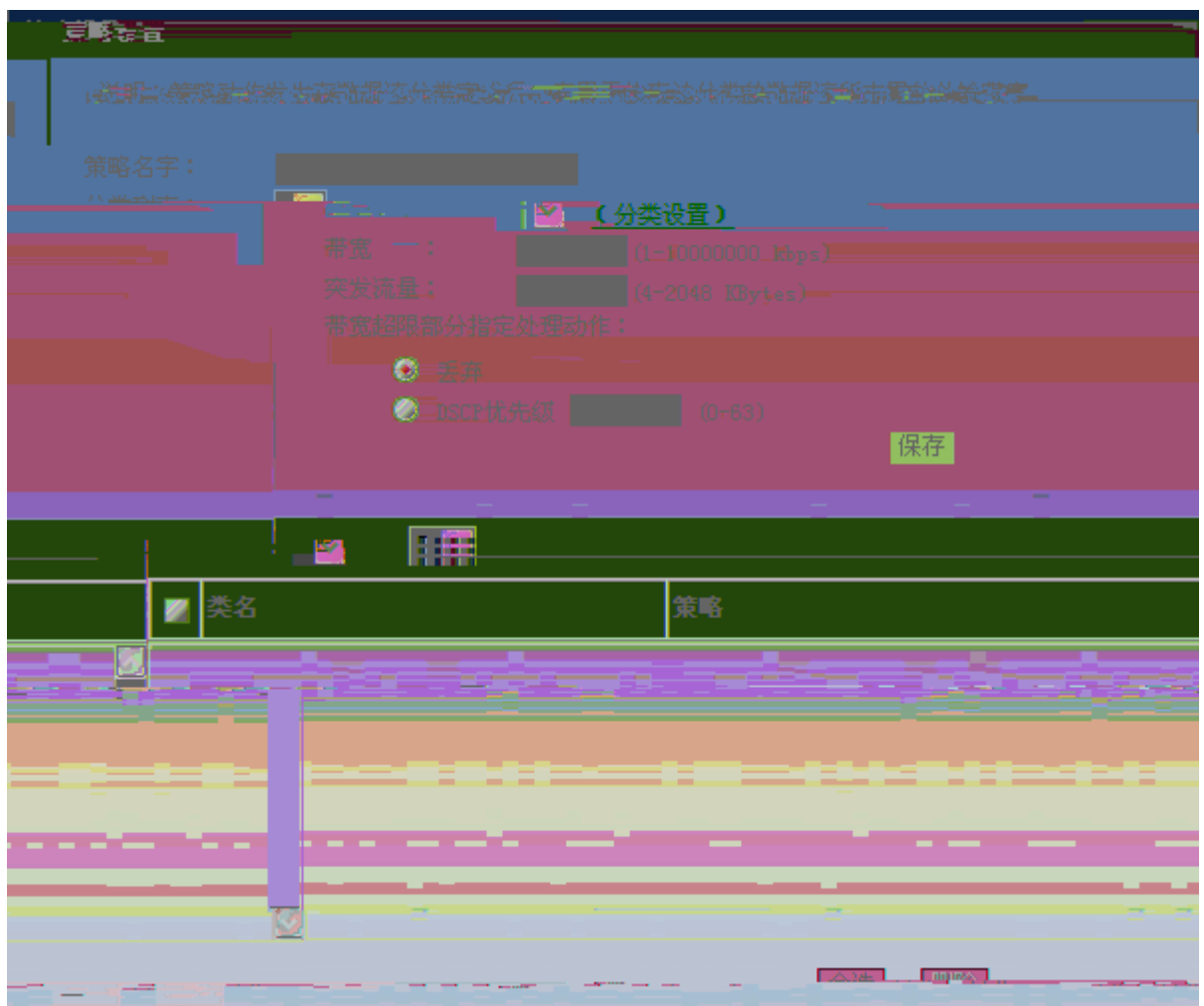
2.4 QOS

2.4.1



ACL

2.4.2



70

DSCP

2.4.3

流设置

说明：应用策略设置对端口的输入或输出流进行限制。

端 口： FastEthernet 0/1

策略列表： （策略设置）

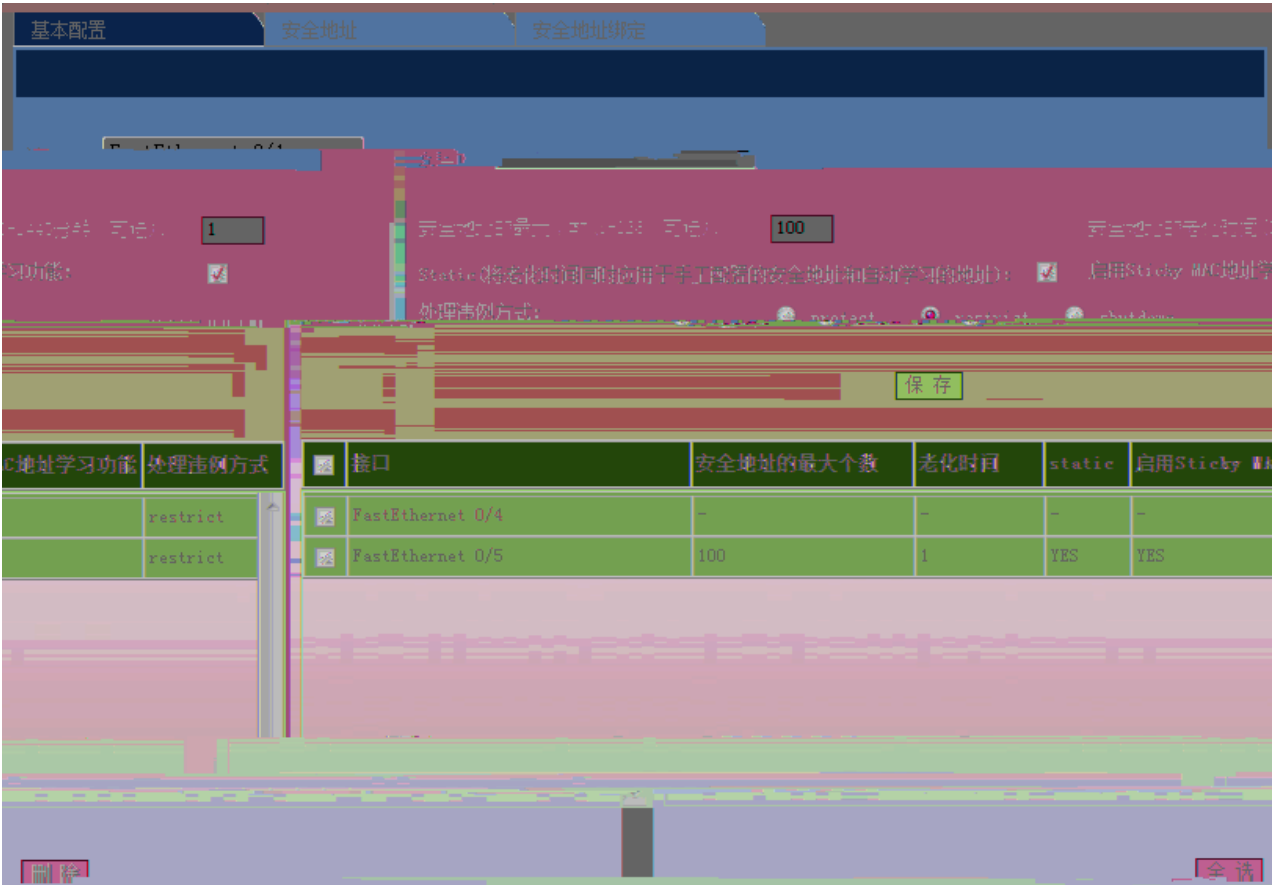
限速方向： ☒ 输入限速 ☐ 输出限速

保存

☐	端口	方向	策略名	信任模式	COS
☐	FastEthernet 0/1	-	-	-	-
☐	FastEthernet 0/2	-	-	-	-
☐	FastEthernet 0/3	-	-	-	-
☐	FastEthernet 0/4	-	-	-	-
☐	FastEthernet 0/5	-	-	-	-
☐	FastEthernet 0/6	-	-	-	-
☐	FastEthernet 0/7	-	-	-	-
☐	FastEthernet 0/8	-	-	-	-
☐	FastEthernet 0/9	-	-	-	-
☐	FastEthernet 0/10	-	-	-	-
☐	FastEthernet 0/11	-	-	-	-

全选
删除

2.4.4



73

1)

Static Sticky Mac

2)

基本配置

安全地址

安全地址绑定

端口：

FastEthernet 0/1

IP地址 (IPv4或IPv6):

1.2.3.3

将MAC及Vlan进行绑定到安全端口：

☒

MAC地址：

1000.0000.0000

Vlan ID:

10

保存

接口	MAC地址	Vlan ID	IP地址
FastEthernet 0/1	1000.0000.0000	10	1.2.3.3

全选

删除

75

Mac

VLAN ID

IP

MAC

Vlan

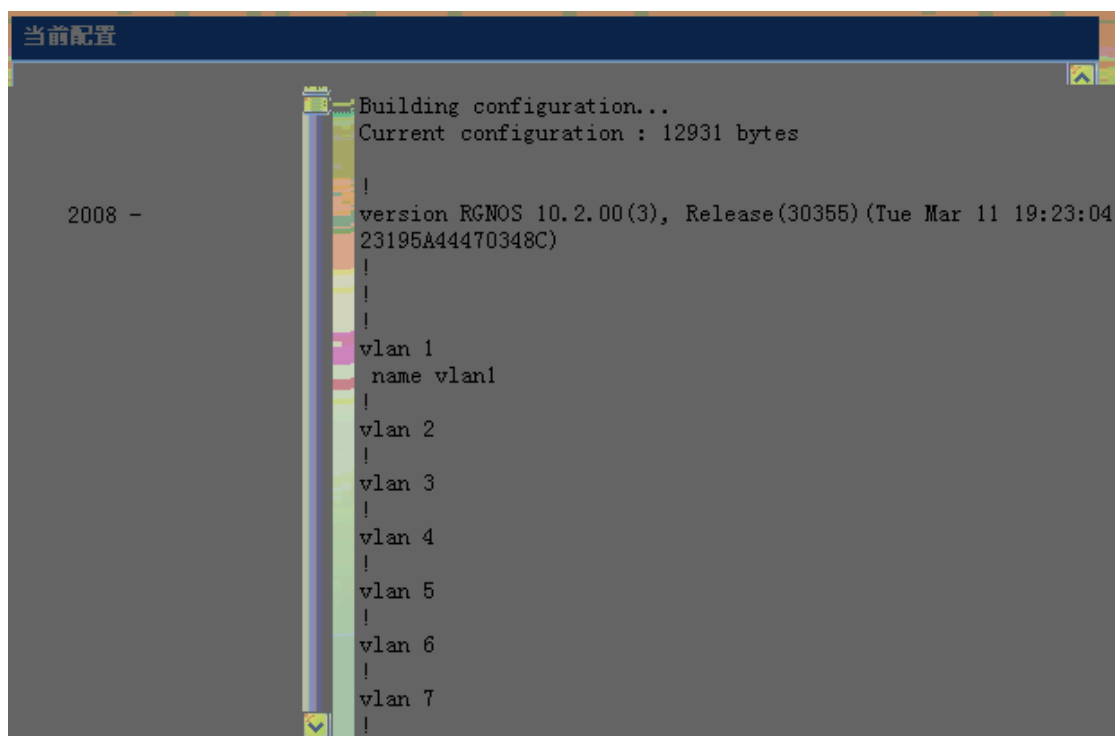
2.5

2.5.1

系统信息	
设备型号：	S2924G
主机名：	Ruijie
软件版本：	RGOS 10.2.00(3), Release(30355) (Tue Mar 11 19:23:04 2008)
设备ID：	23195A44470348C
MAC地址：	001010080001

76

2.5.2



77

2.5.3

端口状态					
端 口	状 态	Vl an	双 工	速 率	端口类型
FastEthernet 0/1	down	1	Unknown	Unknown	copper
FastEthernet 0/2	down	2	Unknown	Unknown	copper
FastEthernet 0/3	up	1	Full	100M	copper
FastEthernet 0/4	down	300	Unknown	Unknown	copper
FastEthernet 0/5	down	1	Unknown	Unknown	copper
FastEthernet 0/6	down	1	Unknown	Unknown	copper
FastEthernet 0/7	down	1	Unknown	Unknown	copper
FastEthernet 0/8	down	1	Unknown	Unknown	copper
FastEthernet 0/9	down	1	Unknown	Unknown	copper
FastEthernet 0/10	down	1	Unknown	Unknown	copper

刷新

78

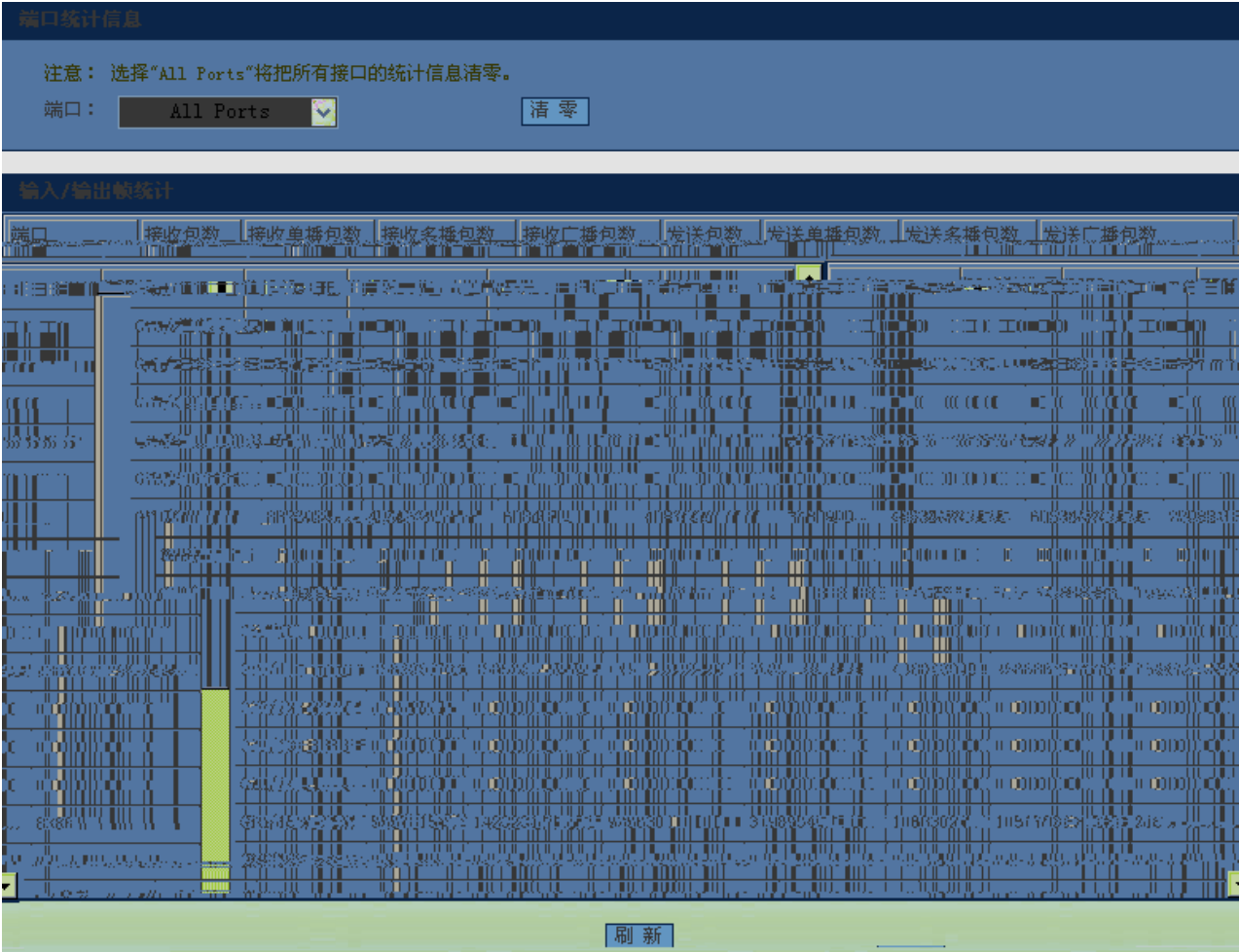
2.5.4

端口运行状态	
端 口	带宽占用
FastEthernet 0/1	0%
FastEthernet 0/2	0%
FastEthernet 0/3	0%
FastEthernet 0/4	0%
FastEthernet 0/5	0%
FastEthernet 0/6	0%
FastEthernet 0/7	0%
FastEthernet 0/8	0%
FastEthernet 0/9	0%
FastEthernet 0/10	0%

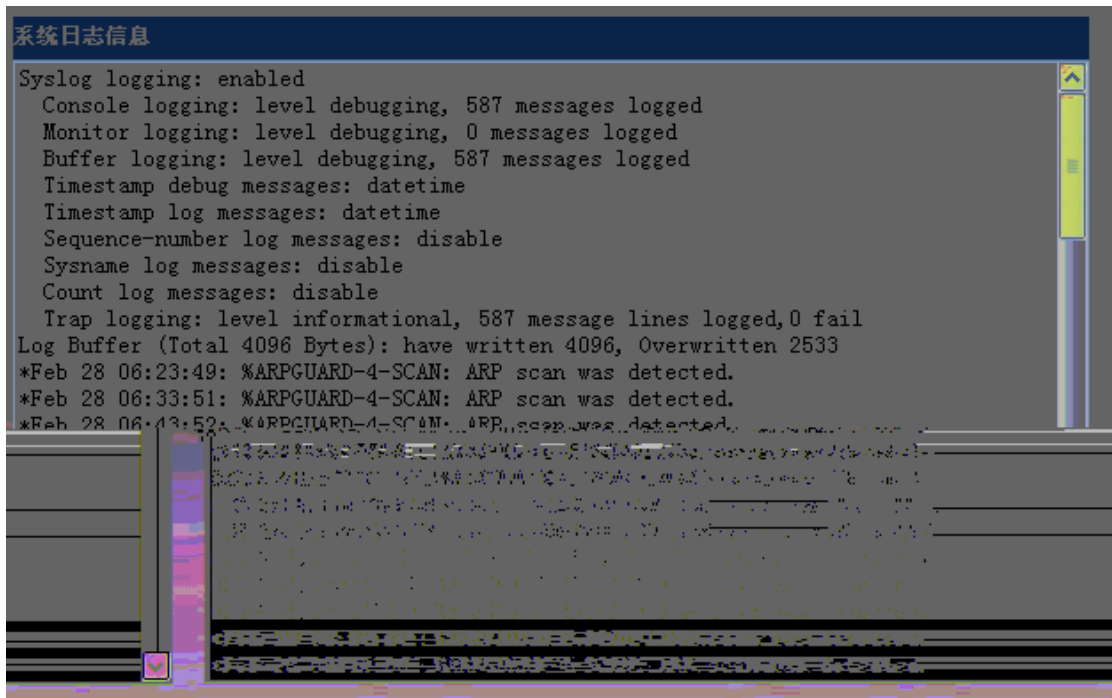
刷新

79

2.5.5



2.5.6



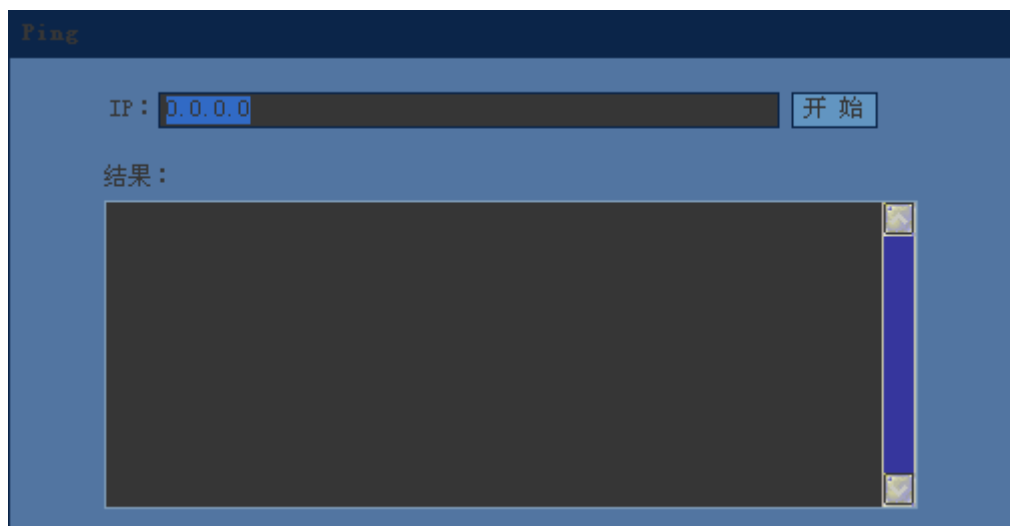
81

2.6

2.6.1 Ping

Ping

Ping



82 Ping

IP

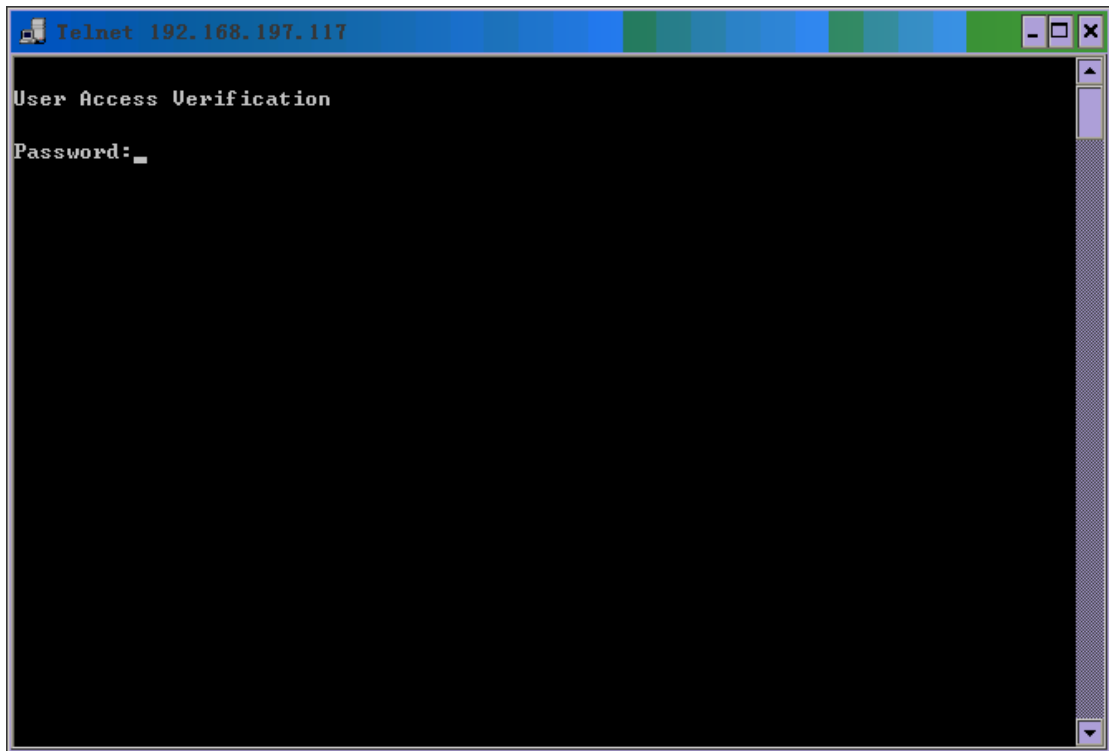
IP

Ping

2.6.2 Telnet

Telnet

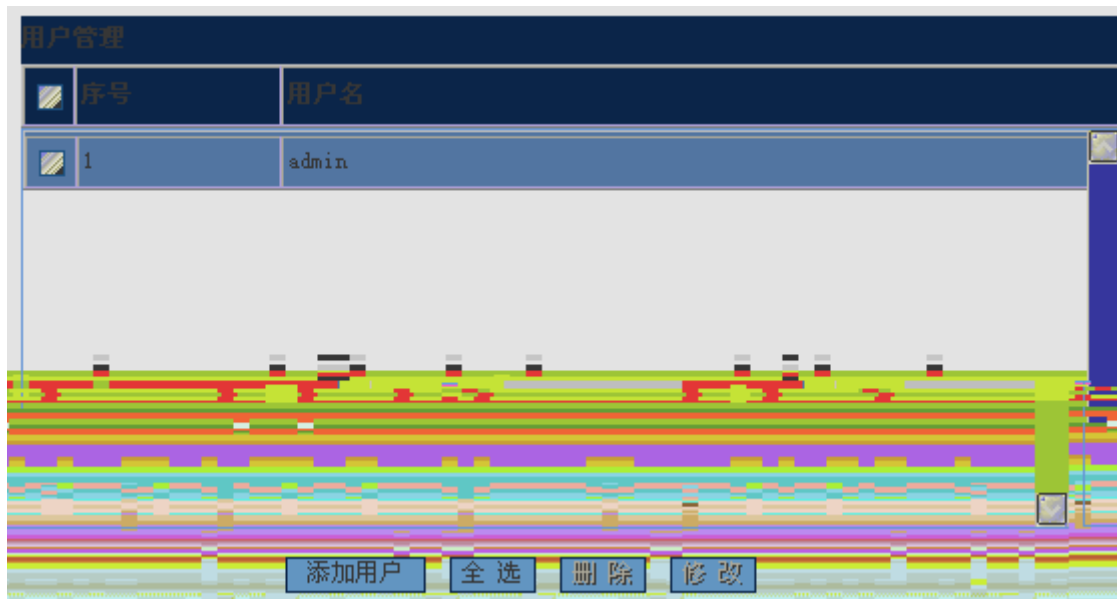
Telnet



83 Telnet

PC Telnet Telnet Telnet PC Telnet

2.6.3



84



85



86

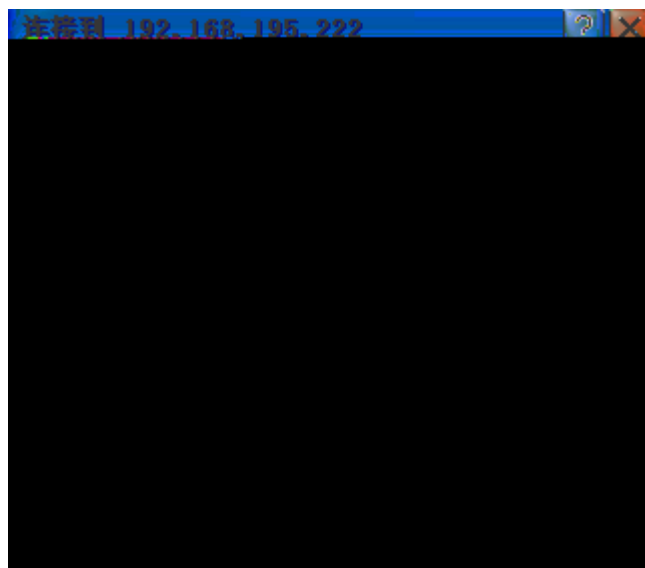


2.6.4

The screenshot shows a web interface with two sections. The top section is titled '修改Enable口令' (Modify Enable Password) and contains a note: '注意：如果您设置了新的Enable口令，则在设置之后使用新口令重新登录。' (Note: If you set a new Enable password, use the new password to log in again after setting it). Below the note are two input fields: '新口令' (New Password) and '确认新口令' (Confirm New Password), each followed by a colon. A '保存' (Save) button is located below these fields. The bottom section is titled '修改Telnet登录口令' (Modify Telnet Login Password) and also contains two input fields: '新口令' (New Password) and '确认新口令' (Confirm New Password), each followed by a colon. A '保存' (Save) button is located below these fields. The interface has a blue header and a light blue background.

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- 1) Enable
Enable



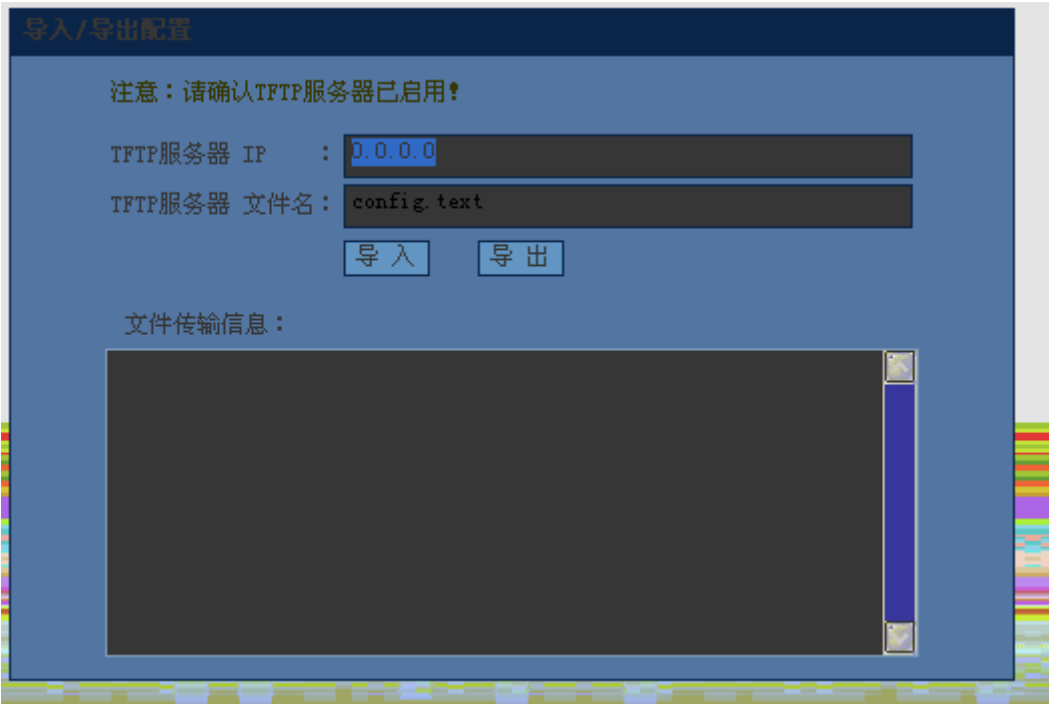
88

- 2) Telnet
Telnet

2.6.5 /

/

/



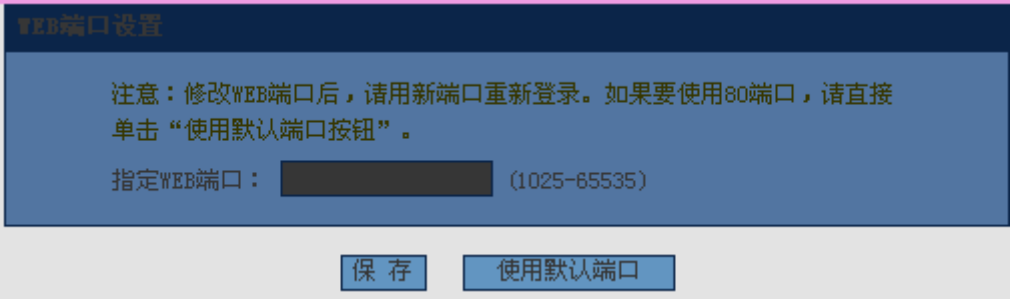
89 /

config.text TFTP IP TFTP

2.6.6 WEB

WEB

WEB



90 WEB

8080	IP	192.168.1.1	http://192.168.1.1 :8080
------	----	-------------	---

2.8 WEB

2.8.1

2.8.2

2.8.3

WEB WEB enable

2.8.4

WEB Local Enable WEB
 WEB

1 Local

a. config

Ruijie#configure

Enter configuration commands, one per line. End with CNTL/Z.

b. WEB

Ruijie(config)#enable service web-server

c. WEB Local

Ruijie(config)#ip http authentication local

d. 15

Ruijie(config)#username admin password admin

Ruijie(config)#username admin privilege 15

e. IP

Ruijie(config)#interface vlan 1

Ruijie(config-if-VLAN 1)#ip address 192.168.100.1 255.255.255.0

2 Enable

a. config

```
Ruijie#configure
```

Enter configuration commands, one per line. End with CNTL/Z.

b. WEB

```
Ruijie(config)#enable service web-server
```

c. WEB Enable

```
Ruijie(config)#ip http authentication enable
```

d. Enable

```
Ruijie(config)#enable password admin
```

e. IP

```
Ruijie(config)#interface vlan 1
```

```
Ruijie(config-if-VLAN 1)#ip address 192.168.100.1 255.255.255.0
```

2.8.5

1 Local

```
Ruijie(config)#show running-config
```

Building configuration...

Current configuration : 2014 bytes

!

version RGOS 10.2(4), Release(55435)(Wed May 13 11:50:07 CST 2009 -ngcf32)

vlan 1

```
username admin password admin //WEB
```

```
username admin privilege 15 //WEB 15
```

```
no service password-encryption
```

```
ip http authentication local //WEB local
```

!

```
enable service web-server // WEB
```

!

....

.....

!

```
interface VLAN 1
```

```
ip address 192.168.100.1 255.255.255.0 // IP
```

```
no shutdown
```



```
!  
!  
line con 0  
line vty 0 4  
  login  
!  
!  
end
```

2 Enable

Ruijie(config)#show running-config

Building configuration...

Current configuration : 2014 bytes

```
!  
version RGOS 10.2(4), Release(55435)(Wed May 13 11:50:07 CST 2009 -ngcf32)  
vlan 1  
  
no service password-encryption  
!  
enable password admin               //WEB    Enable  
enable service web-server           //    WEB  
!  
....  
.....  
!  
interface VLAN 1  
  
  ip address 192.168.100.1 255.255.255.0   //       IP  
  no shutdown  
!  
!  
line con 0  
line vty 0 4  
  login  
!  
!  
end
```