



WEB

RG-S5750-@

RGOS 10.4(2b12)p1

V1.0

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Red-Giant



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RGOS[®]10.4 (2b12)p1

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-
-

1.

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

2.



3.

■

■

■



WEB

WEB

1. WEB

2. WEB

1 WEB

WEB

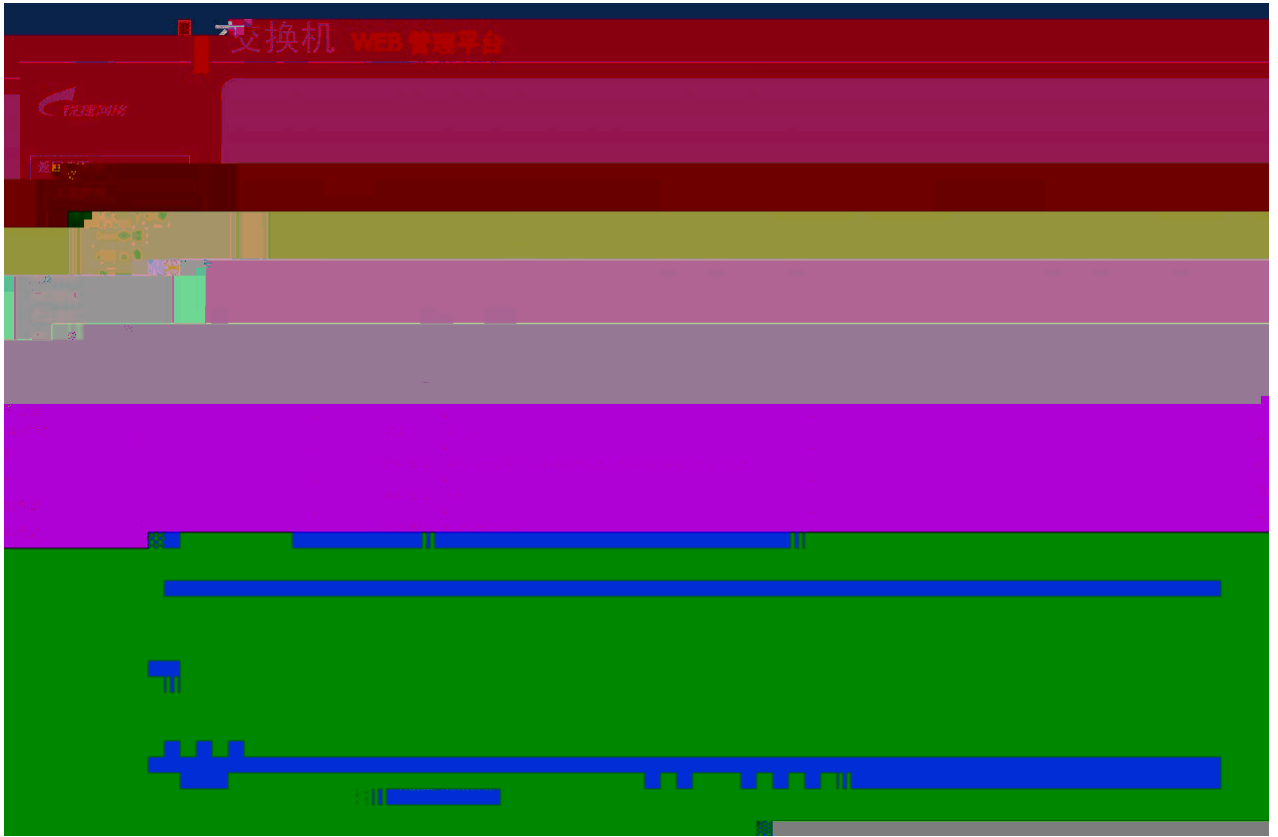


1



2

WEB



3 WEB

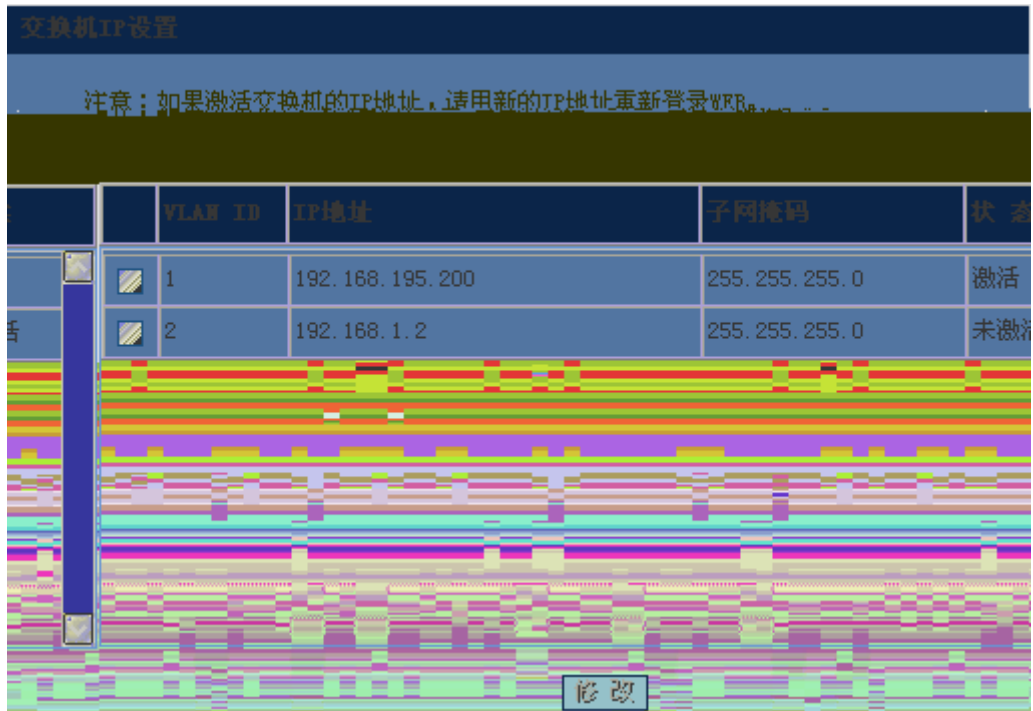
	WEB	Enable
	enable	

2.2

2.2.1 IP

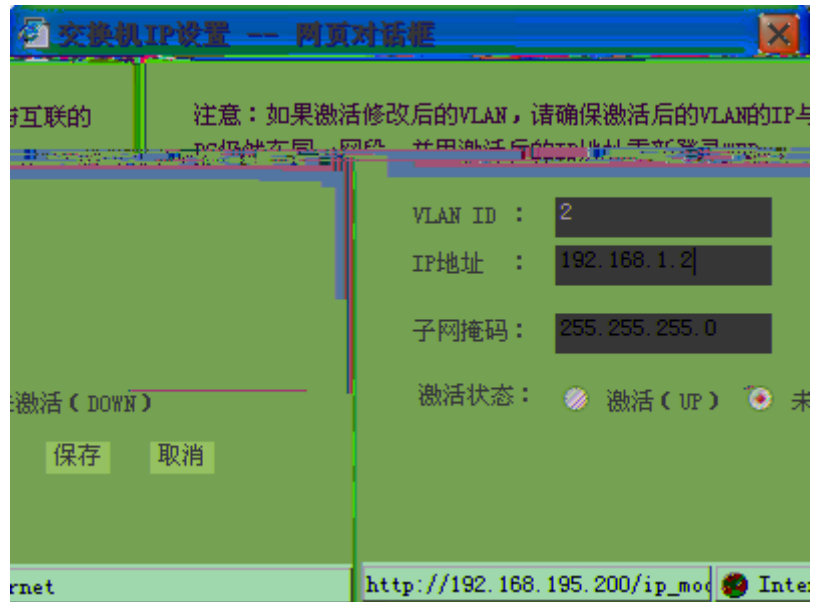
IP

IP



4 IP

ip



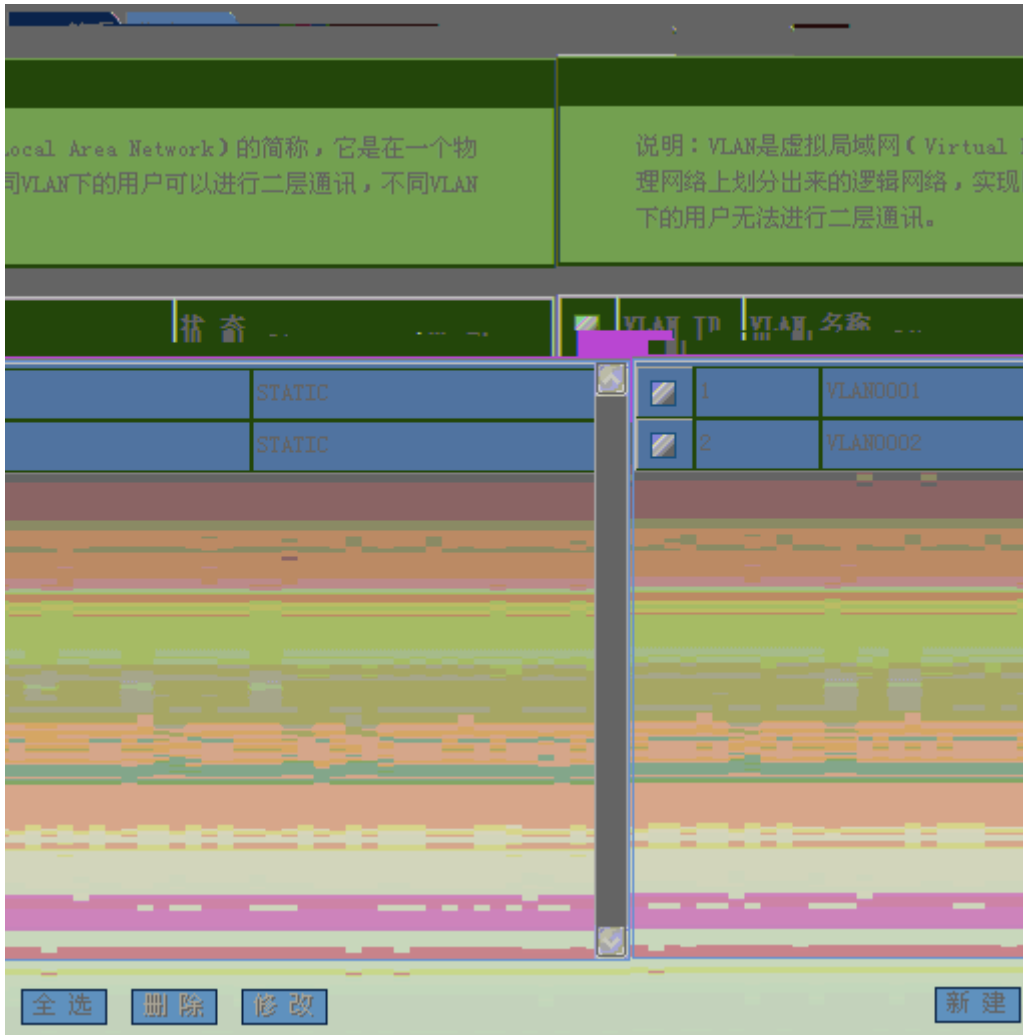
5 IP

IP

2.2.2 VLAN

VLAN

1 VLAN

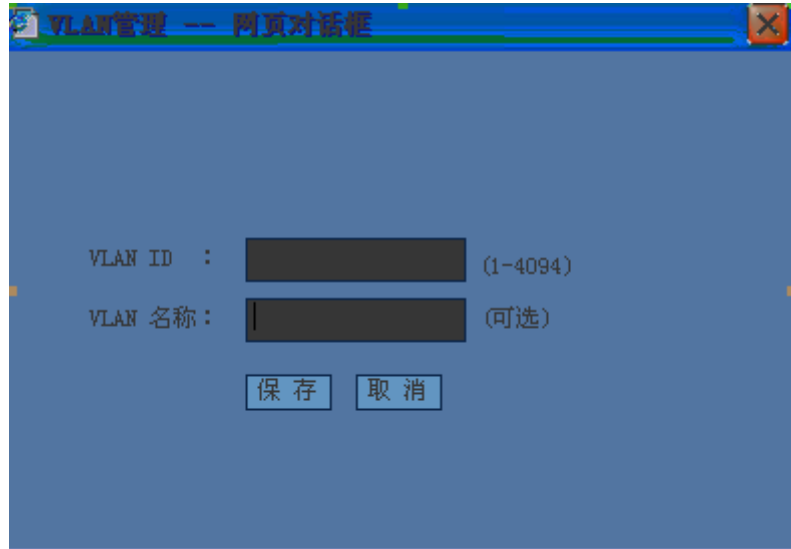


6 VLAN

VLAN

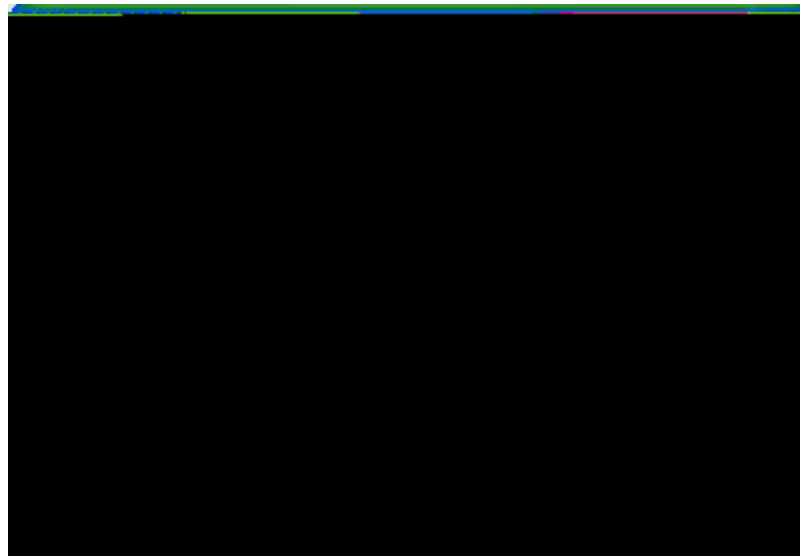
VLAN

VLAN



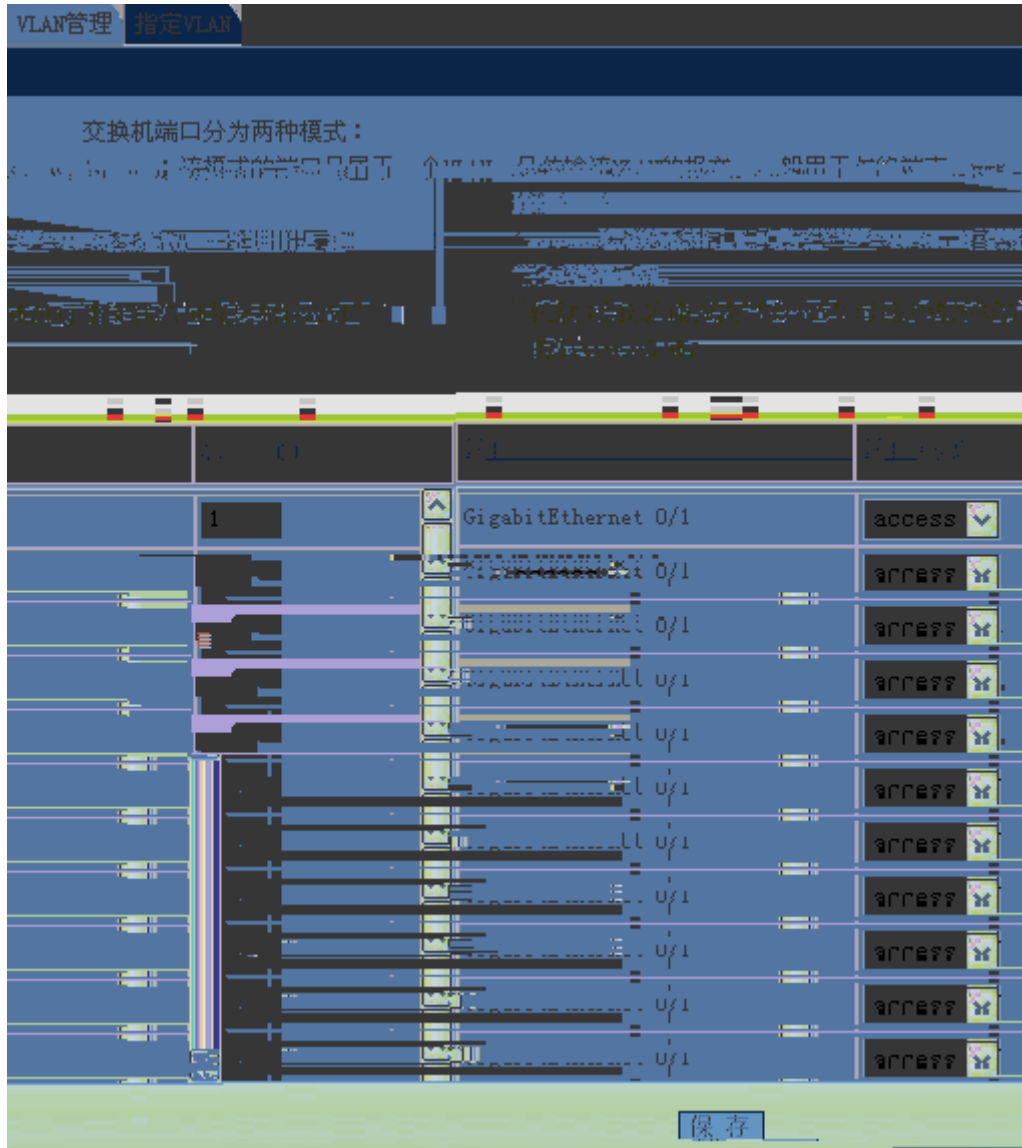
7 VLAN

VLAN ID VLAN
VLAN VLAN
VLAN
VLAN



8 VLAN

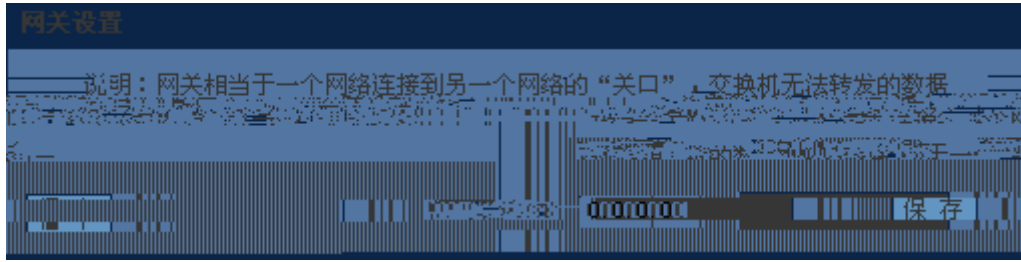
VLAN
VLAN
2 VLAN



9 VLAN

VLAN ID

2.2.3

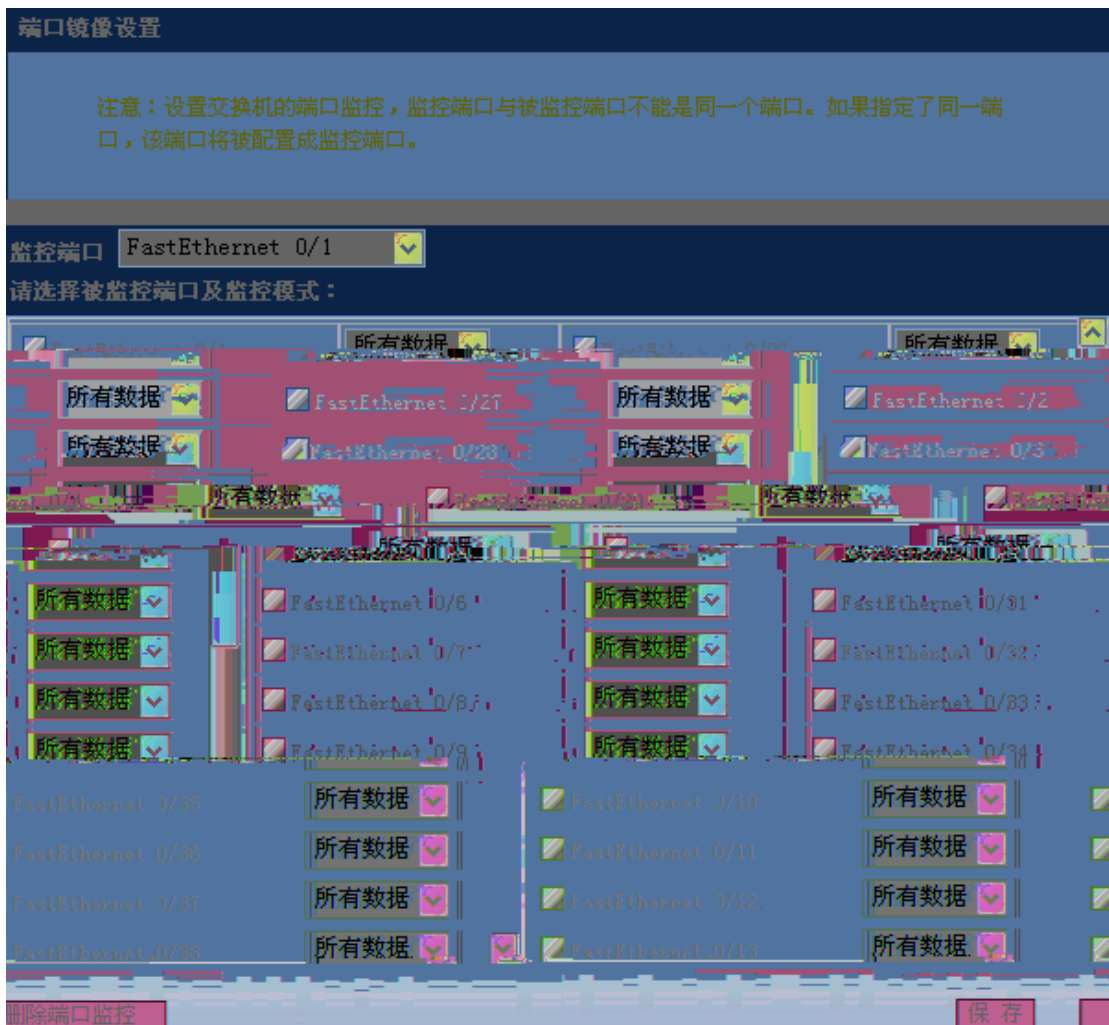


10

IP

IP

2.2.4



11

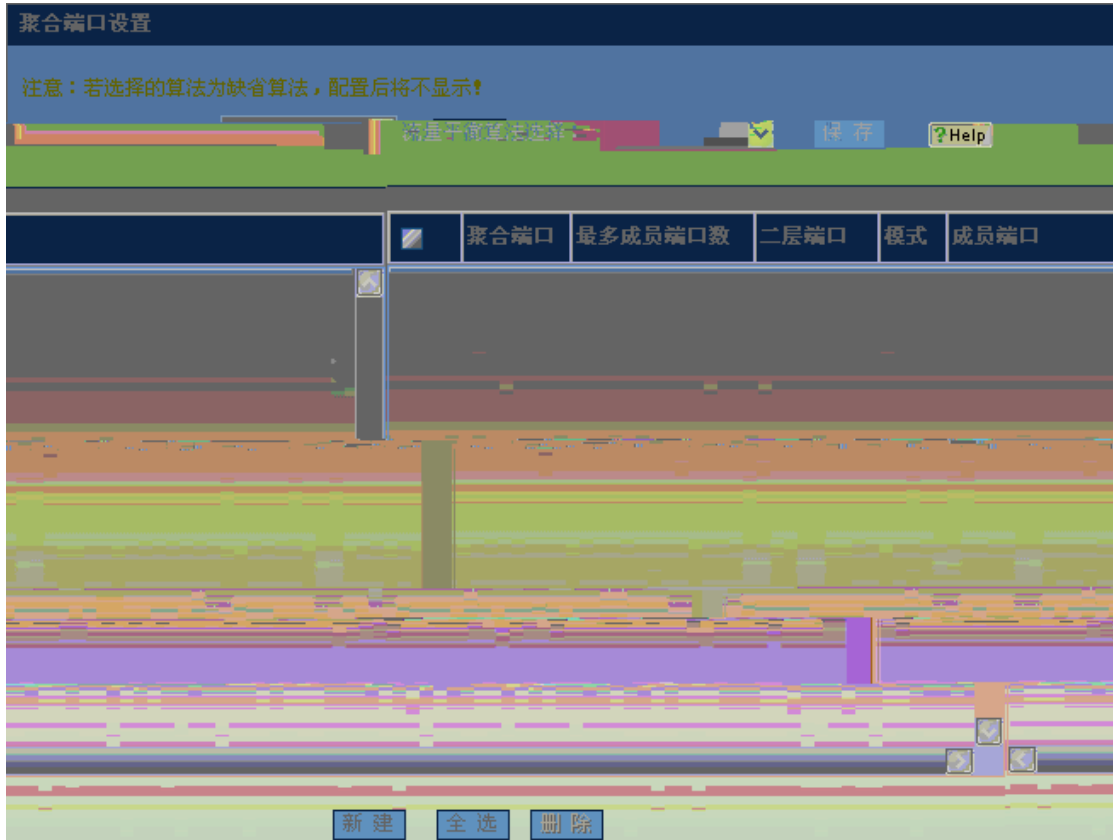
2.2.5

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	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/2	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/3	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/4	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/5	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/6	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/7	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/8	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/9	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/10	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/11	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/12	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/13	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/14	<input type="text"/>	<input type="text"/>
GigabitEthernet 0/15	<input type="text"/>	<input type="text"/>

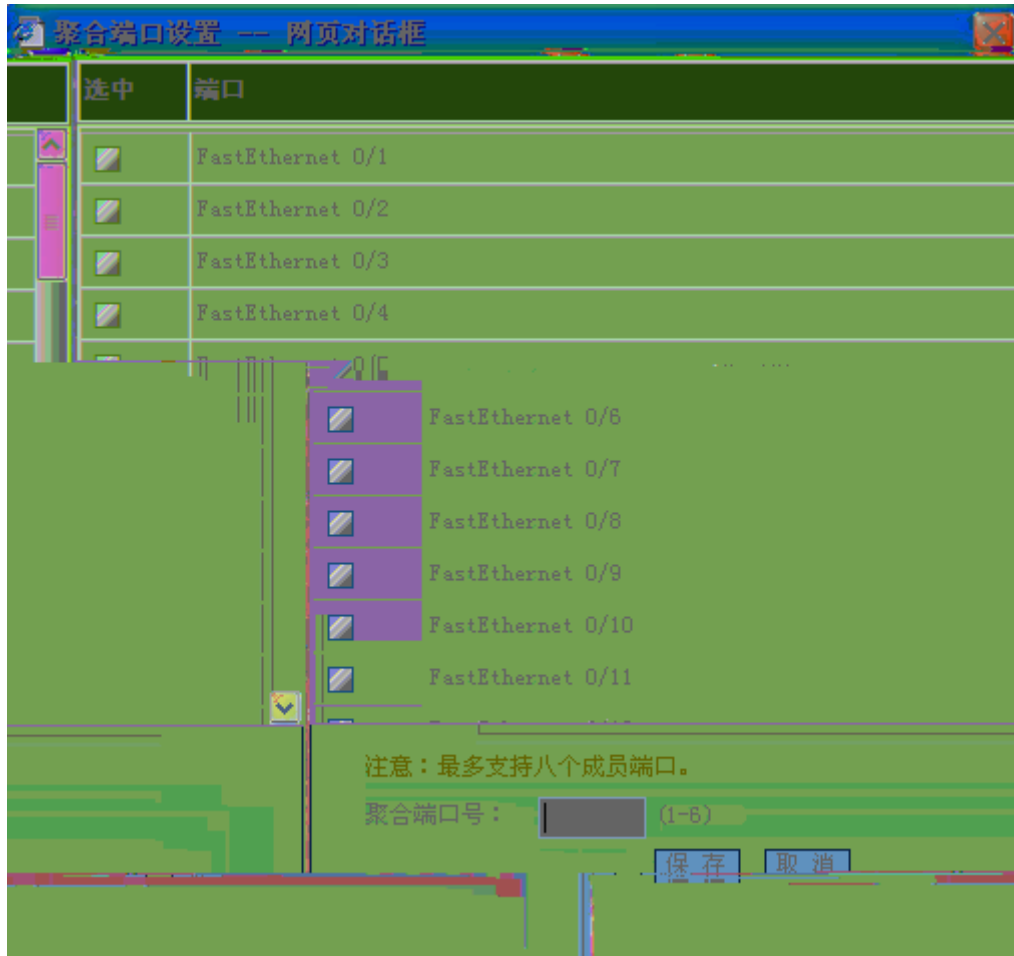
2.2.6

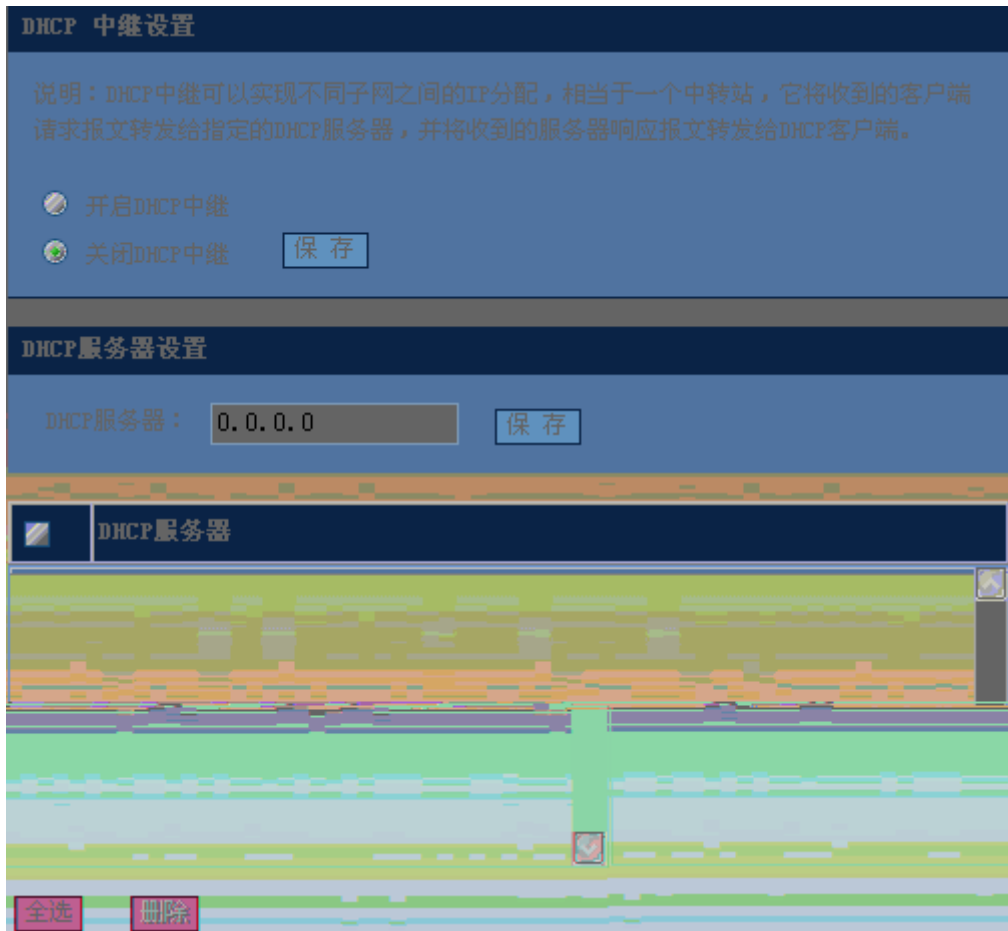


13

1

2





16 DHCP

1) / DHCP

/ DHCP

2) DHCP

DHCP

DHCP

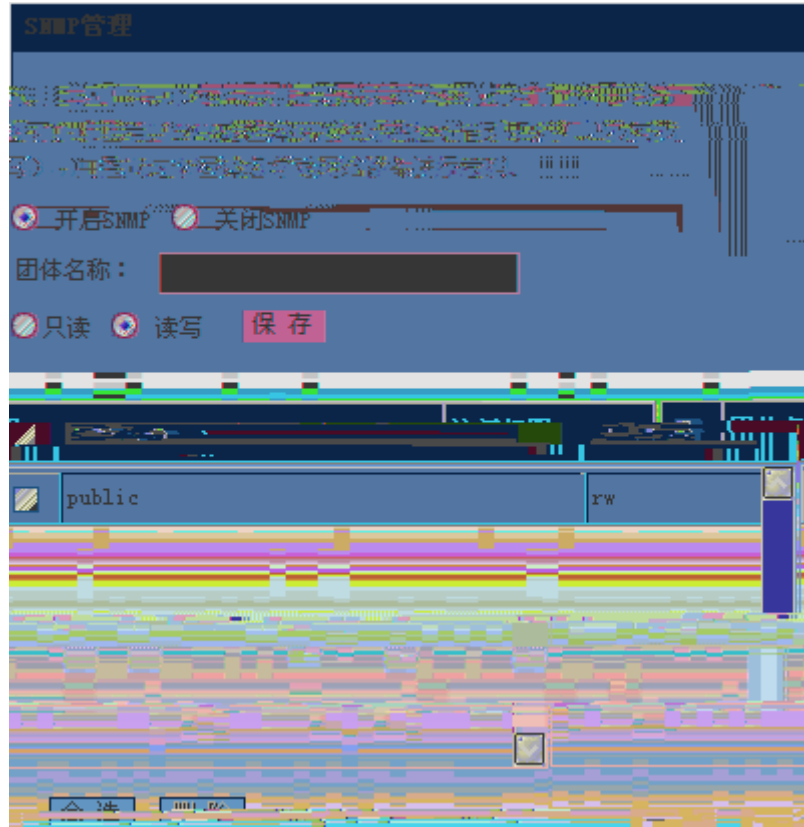
2.2.9 IGMP Snooping

IGMP Snooping

IGMP Snooping



SNMP



19 SNMP

SNMP

SNMP

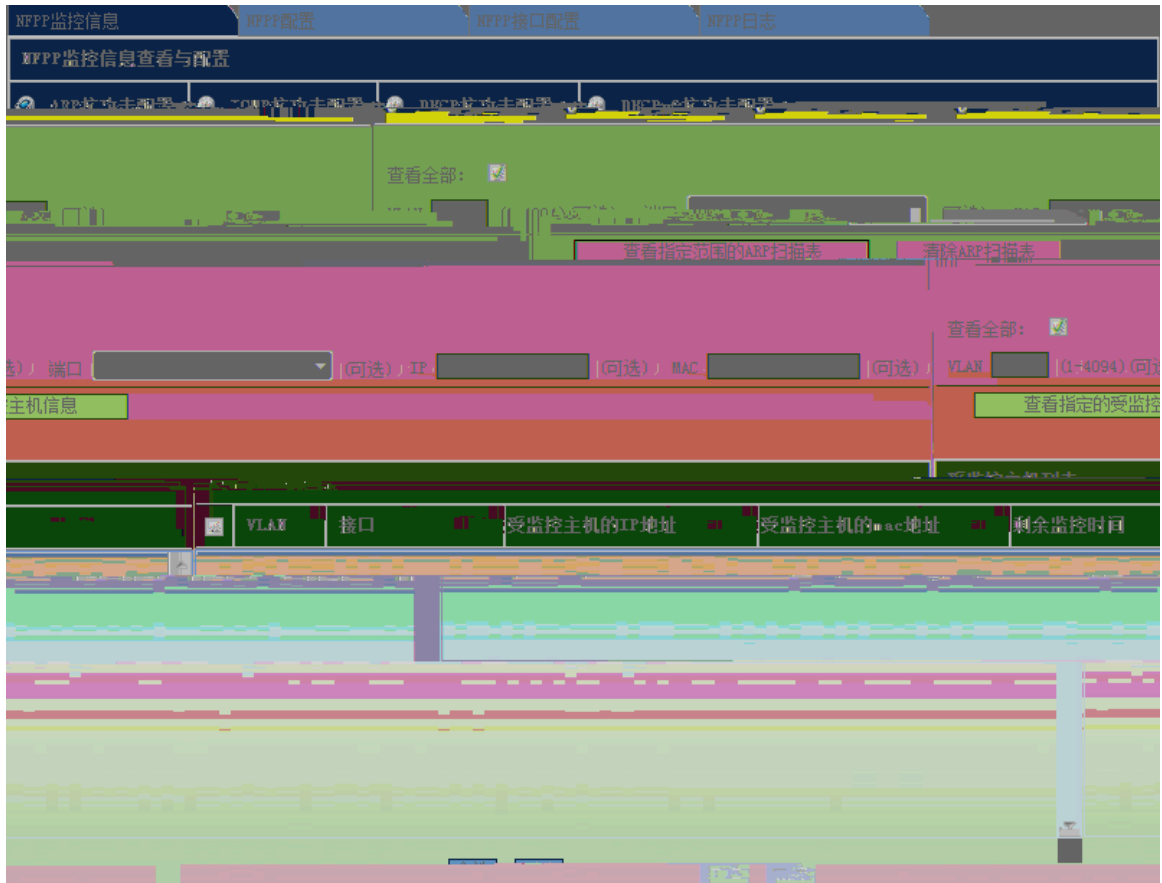
SNMP

SNMP

2.2.12 NFPP

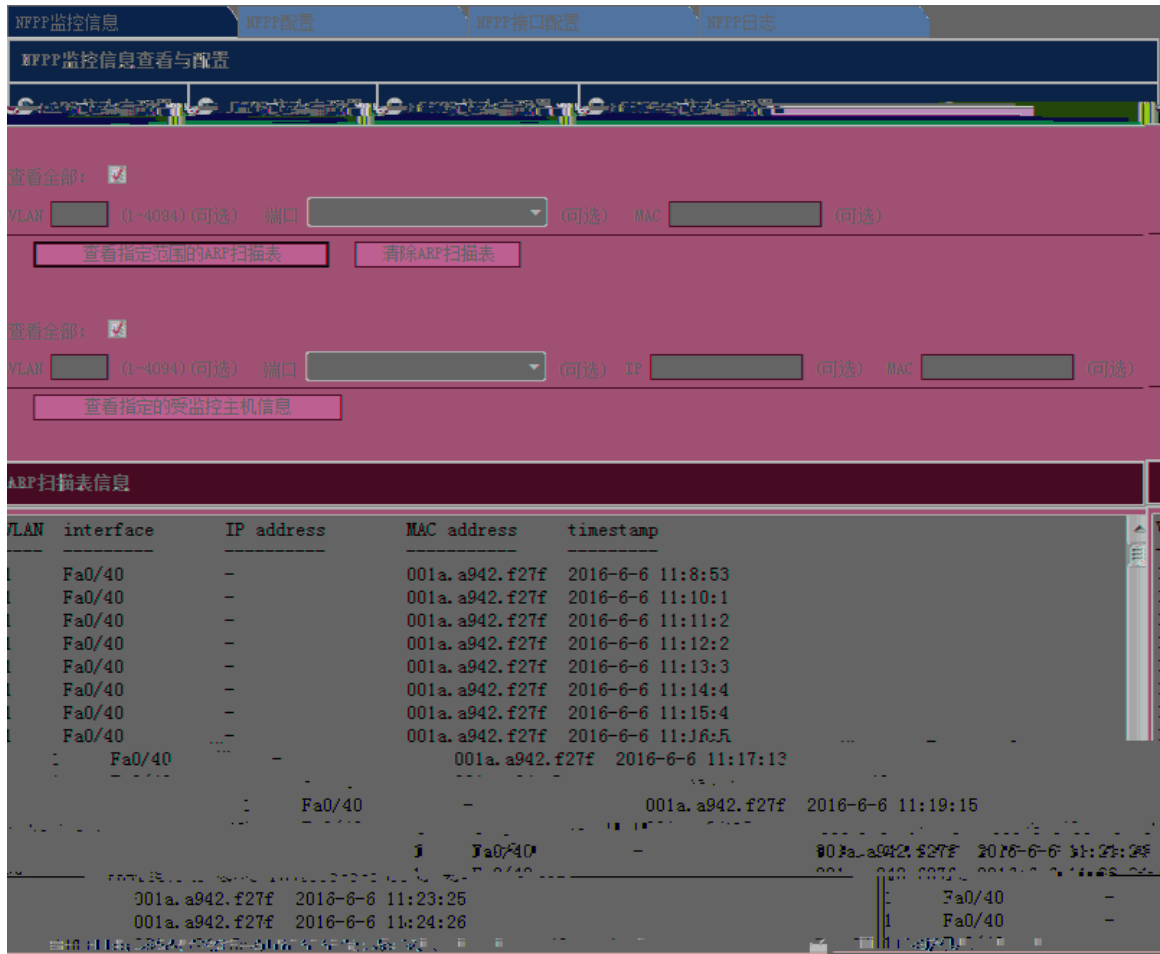
NFPP

1 NFPP



20 NFPP

- ARP



21 ARP

ARP

ARP

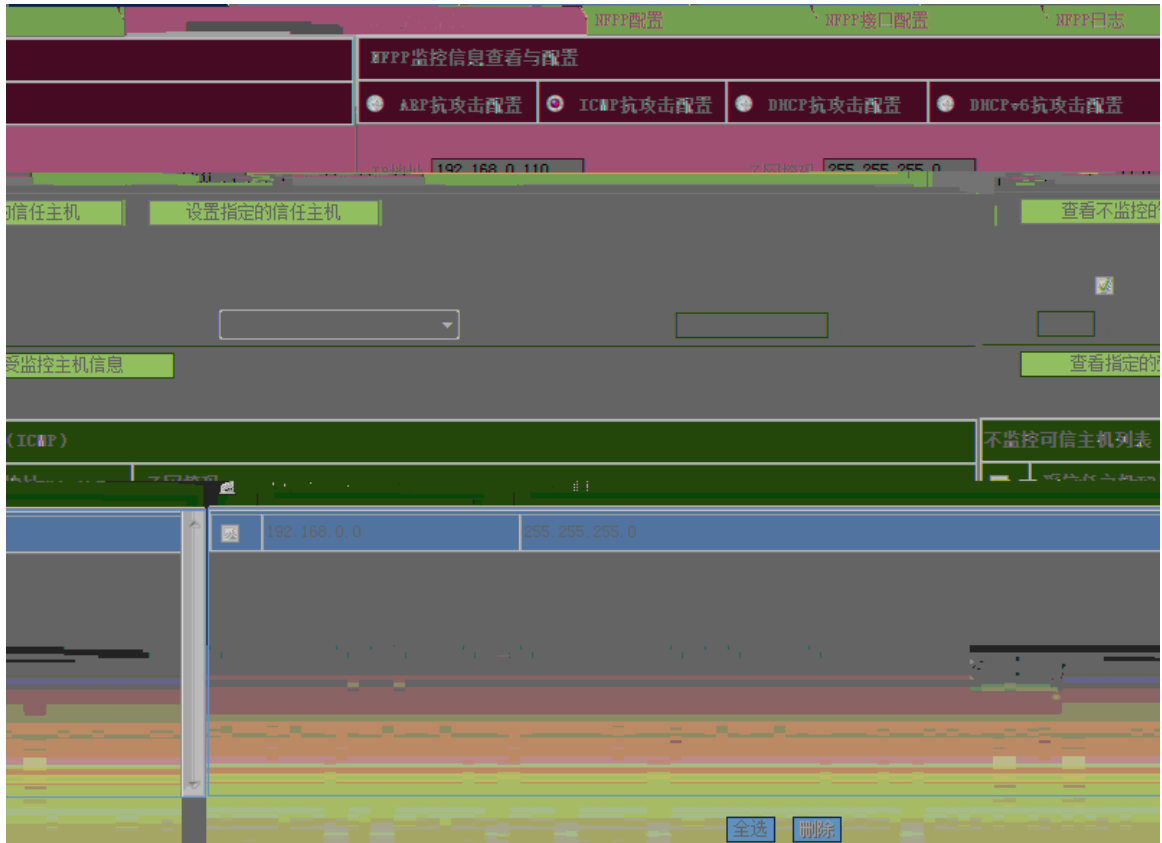
ARP

ARP

ARP

ARP

- ICMP



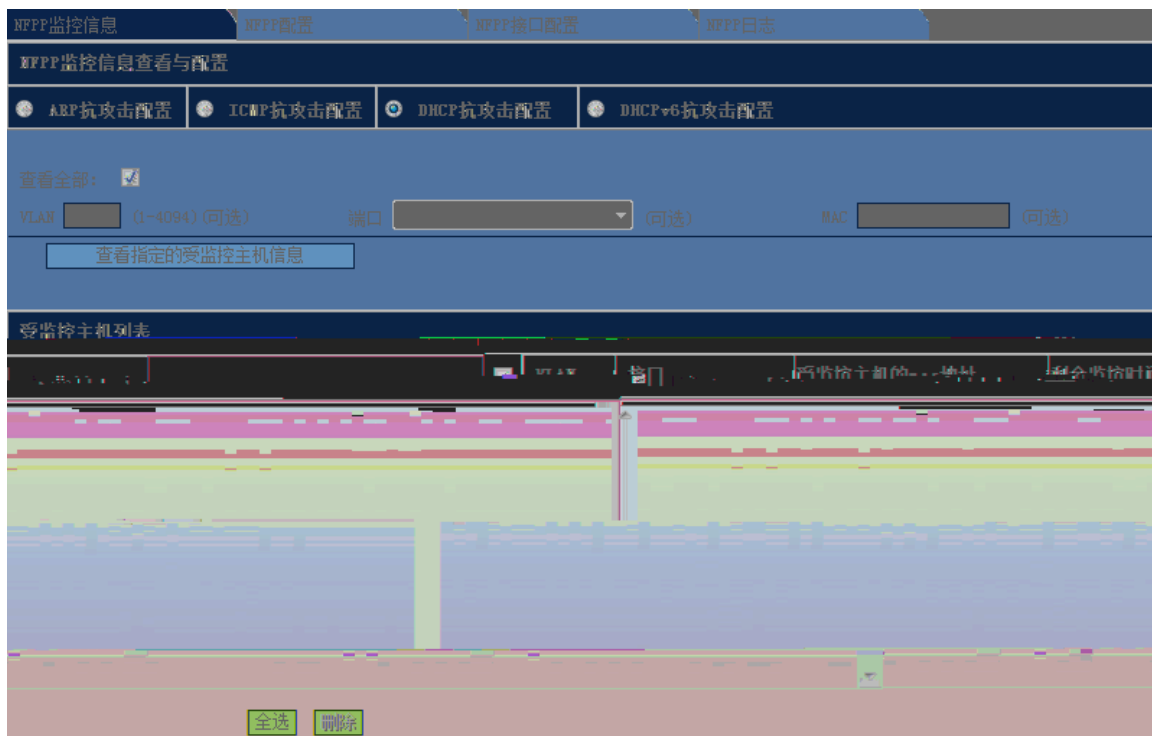
22 NFPF

--ICMP

ICMP

IP

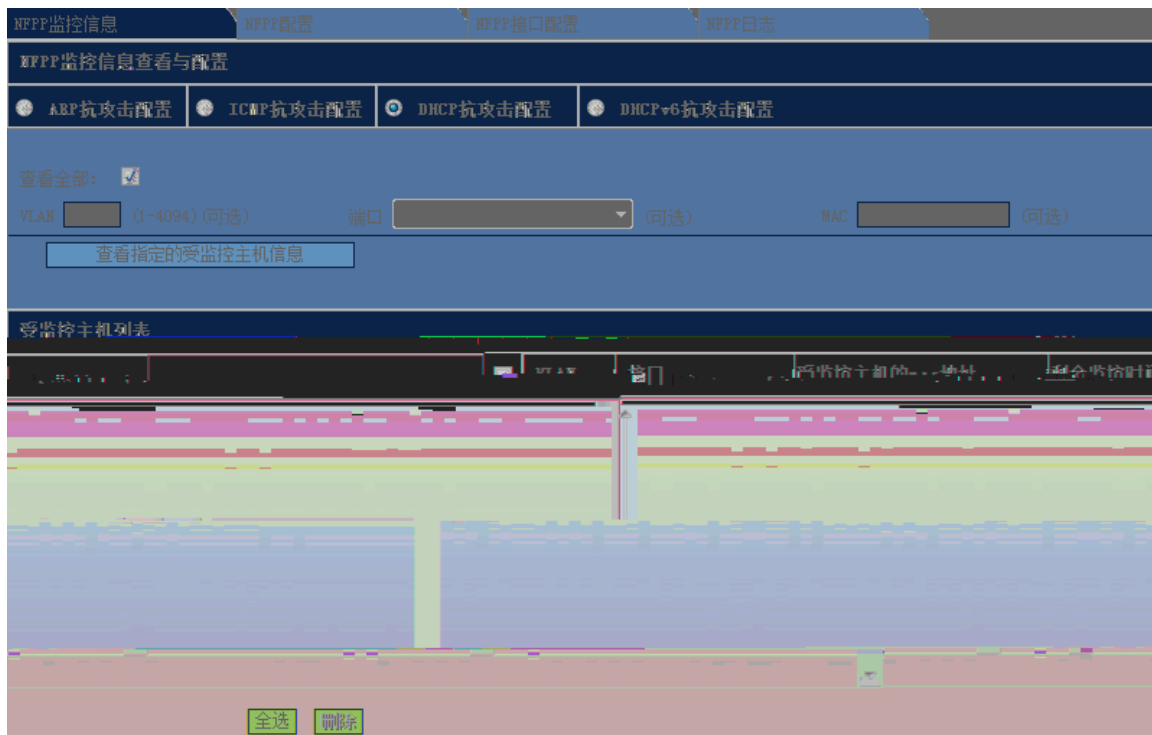
- DHCP



23 NFPP DHCP

DHCP

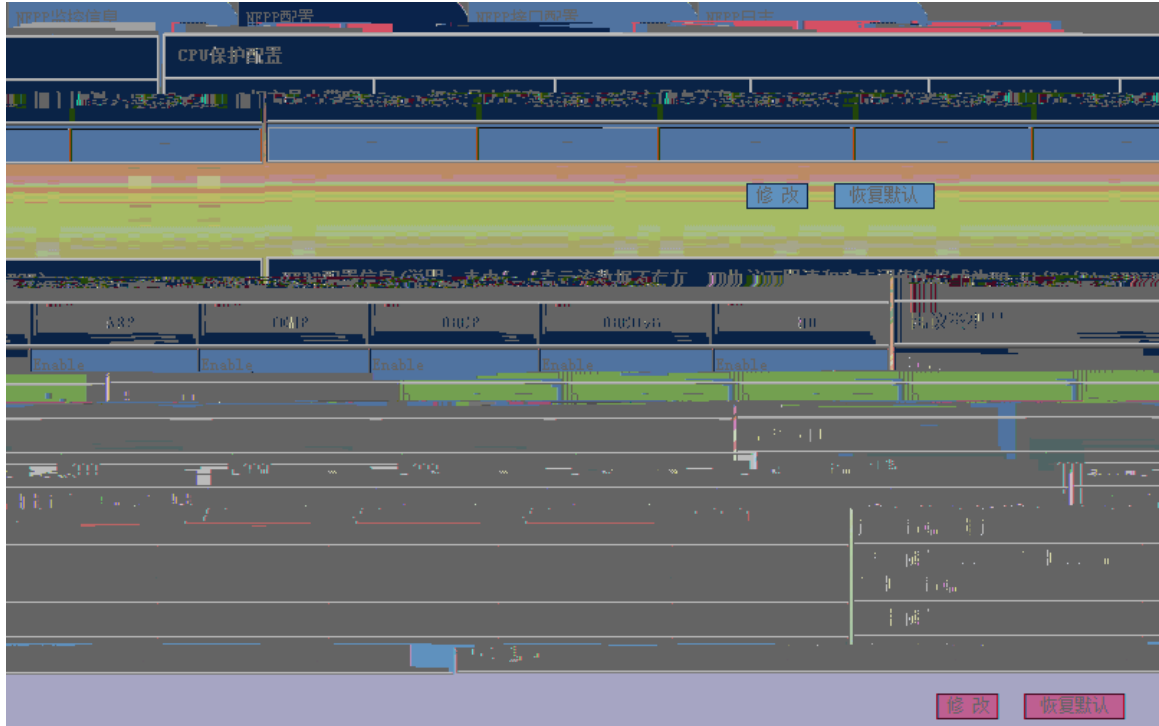
● DHCPv6



24 NFPP DHCP

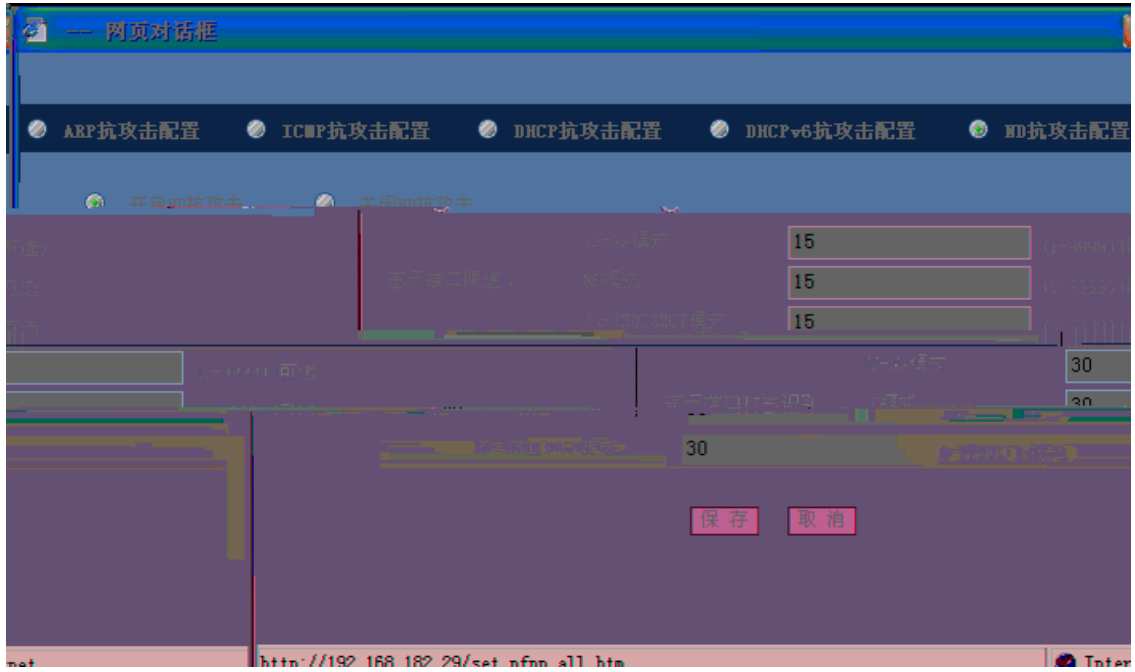
DHCPv6

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

(可选): 限速值: 123 (1-9999) 攻击阈值: 123 (1-9999) 基于ip/vid/端口识别主机

(可选): 限速值: 789 (1-9999) 攻击阈值: 789 (1-9999) 基于mac/vid/端口识别主机

(可选): 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

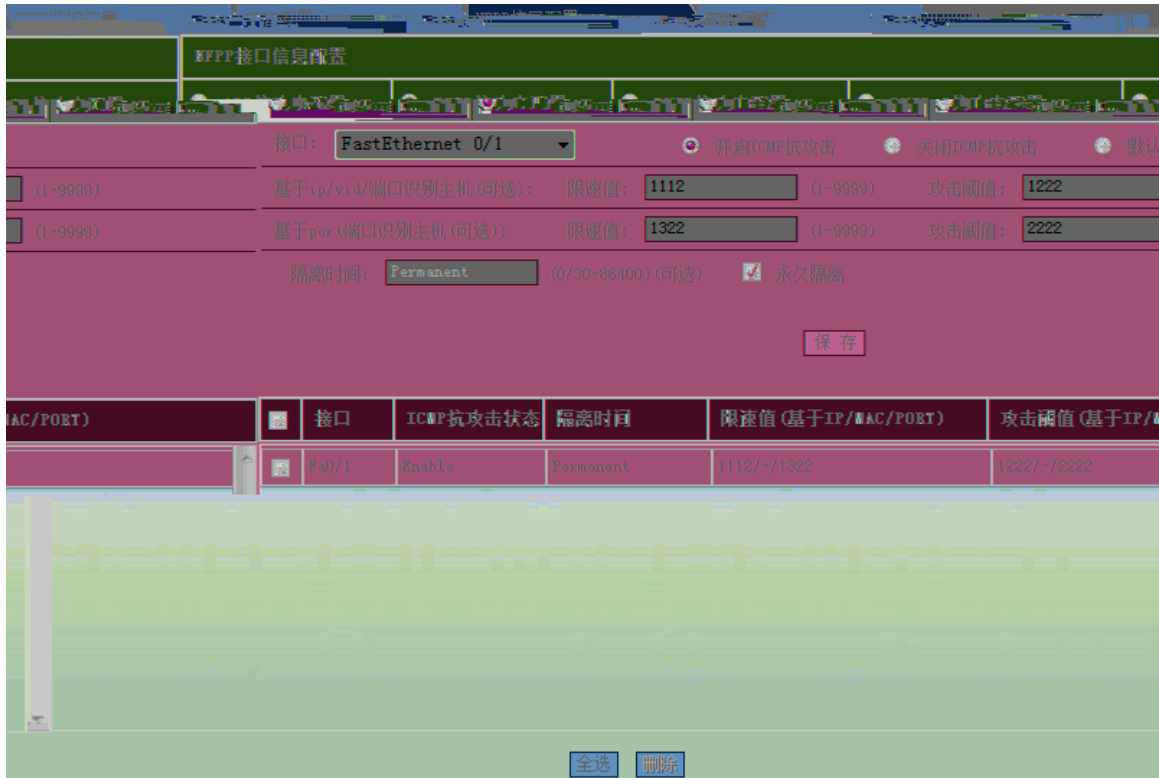
攻击状态	隔离时间	限速值 (基于IP/MAC/PORT)	攻击阈值 (基于IP/MAC/PORT)	扫描阈值	<input checked="" type="checkbox"/>	接口	ARP攻击
	123	123/789/123	123/789/456	123	<input checked="" type="checkbox"/>	Fa0/1	Enable

全选 删除

28 NFPP NFPP ARP

ARP NFPP

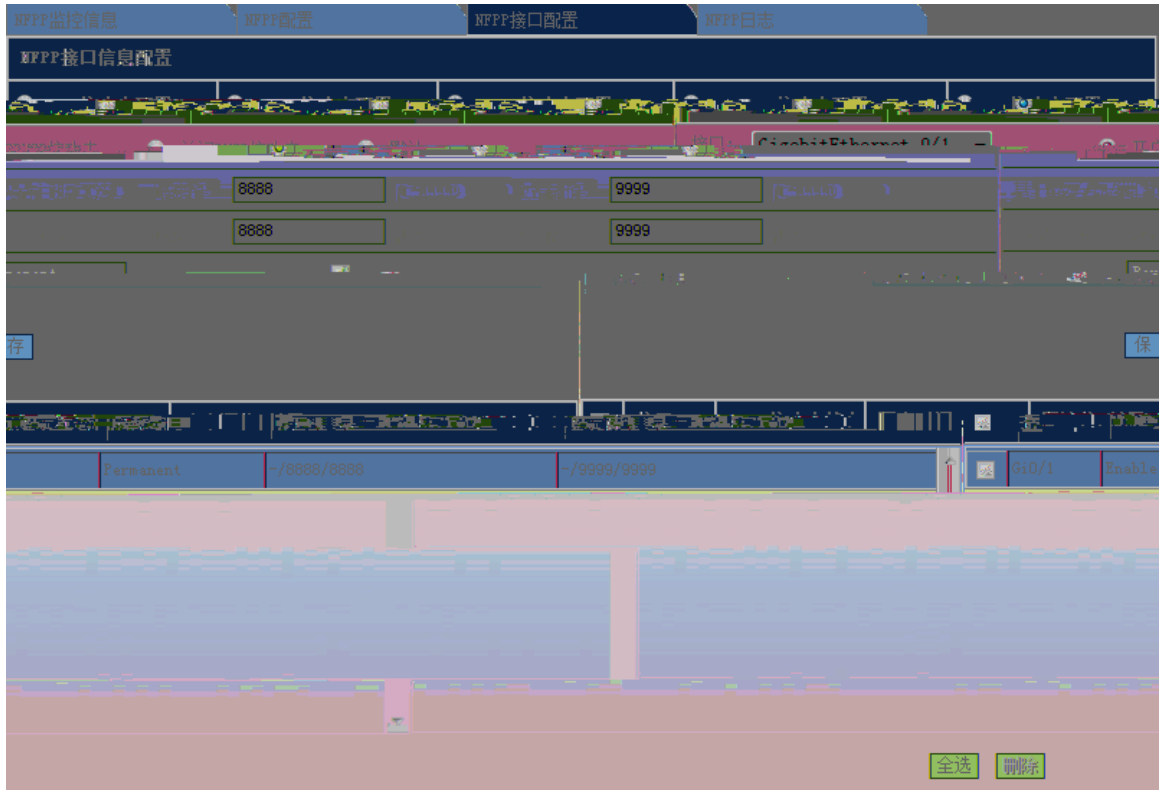
- ICMP



29 NFPF NFPF ICMP

ICMP NFPF

- DHCP



30 NFPF

NFPF

DHCP

DHCP

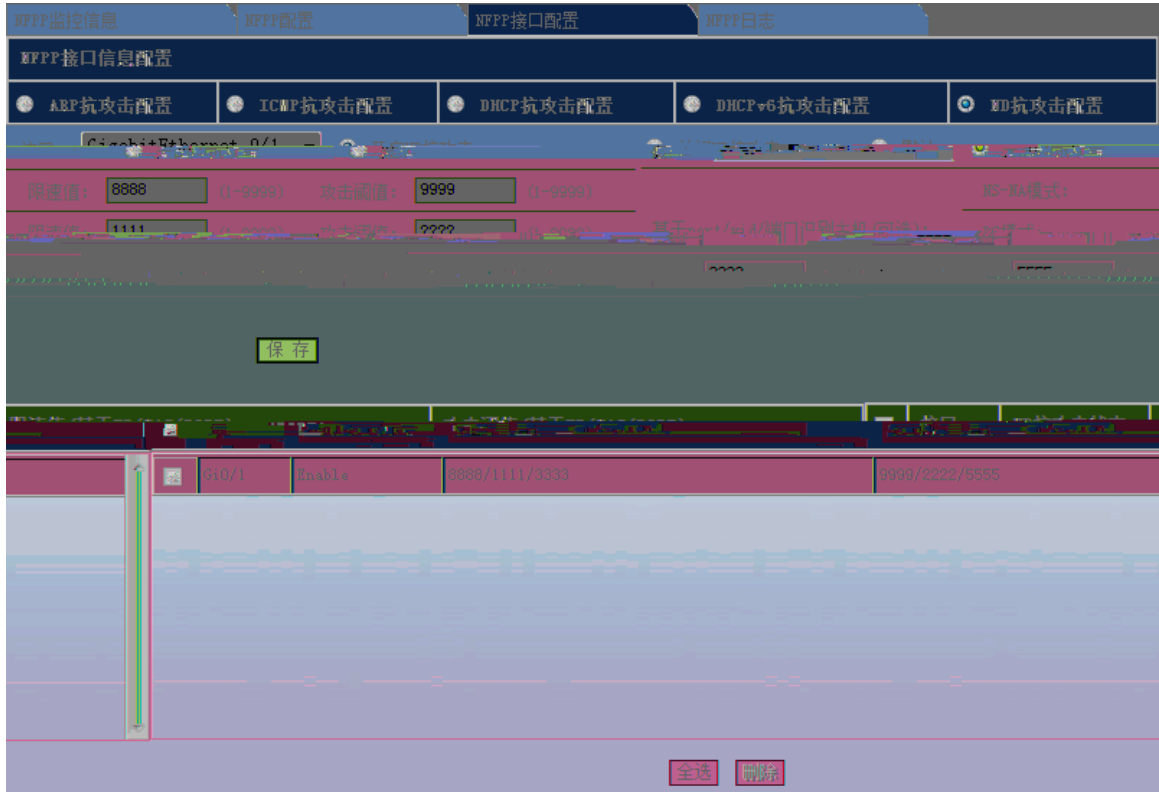
NFPF

- DHCPv6

31 NFPF NFPF DHCPv6

DHCPv6 NFPF

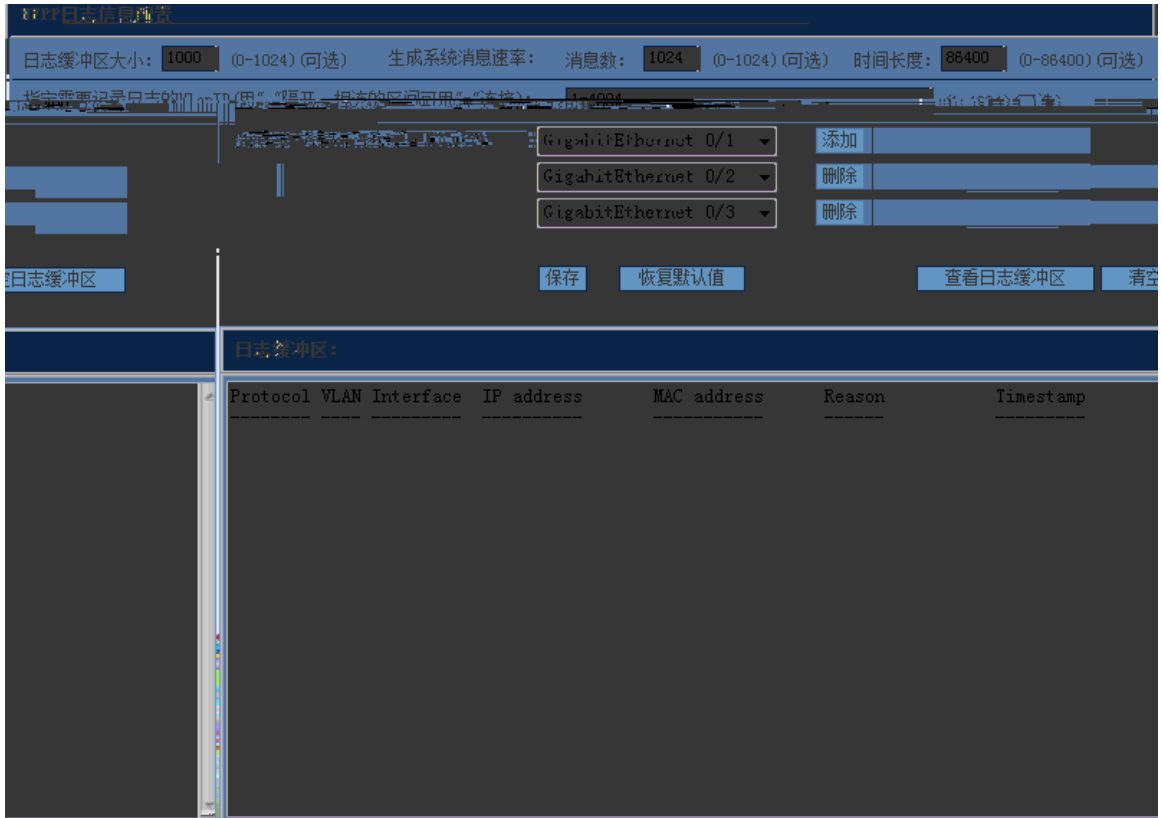
- ND



32 NFPP N

NFPP

WEB



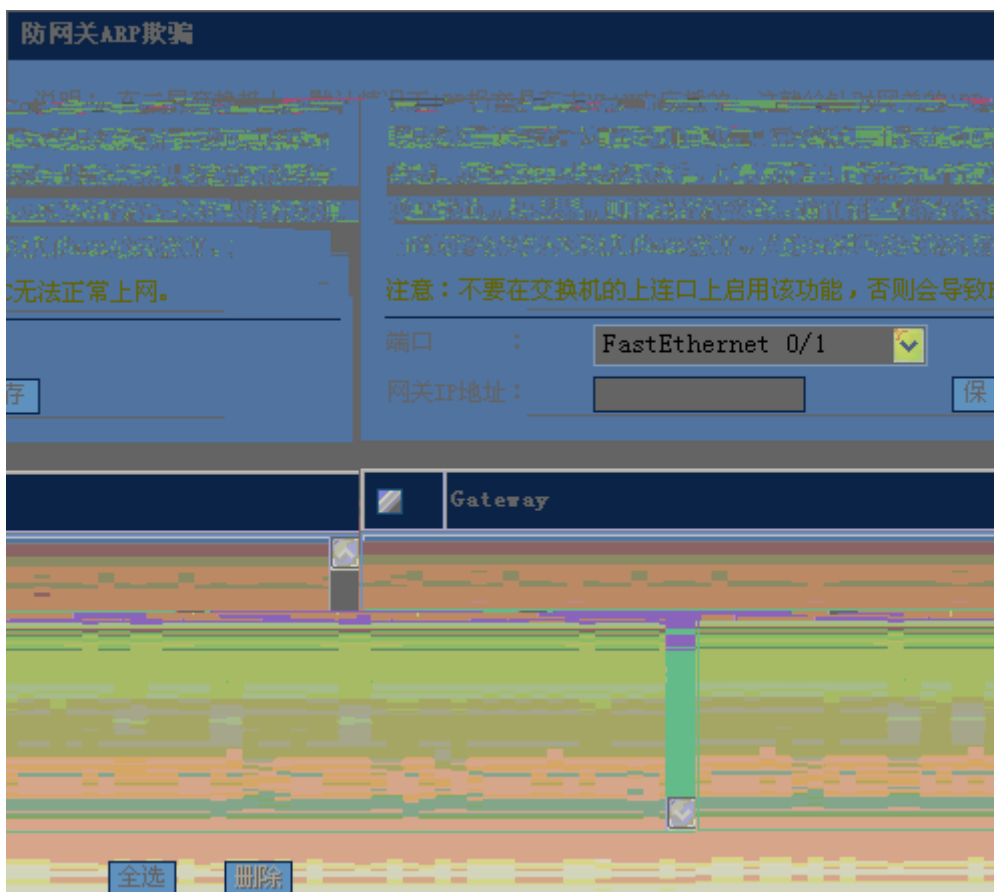
34

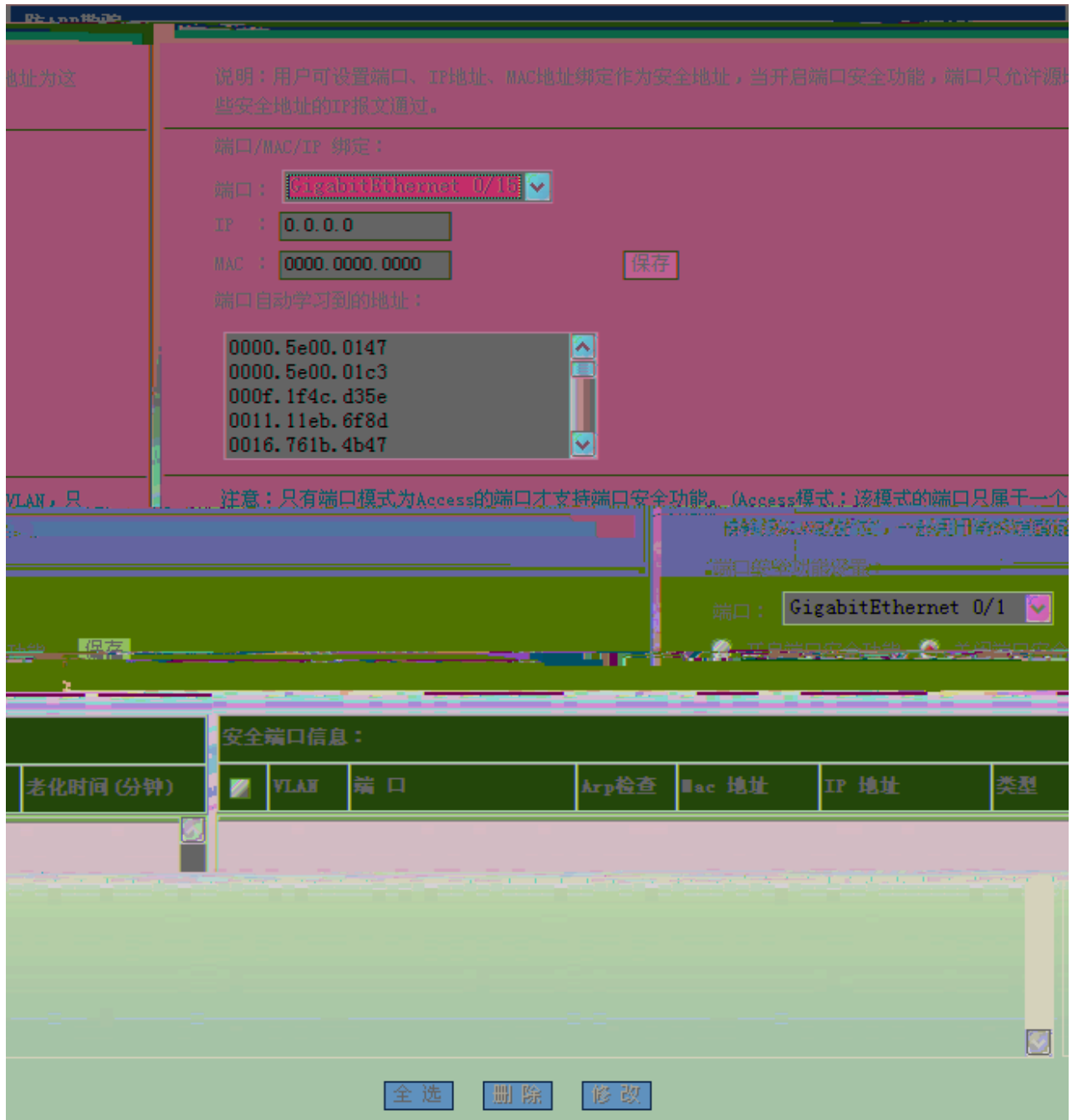
2.3

2.3.1 ARP

ARP

ARP





36 ARP

1) /MAC/IP

/MAC/IP

IP MAC

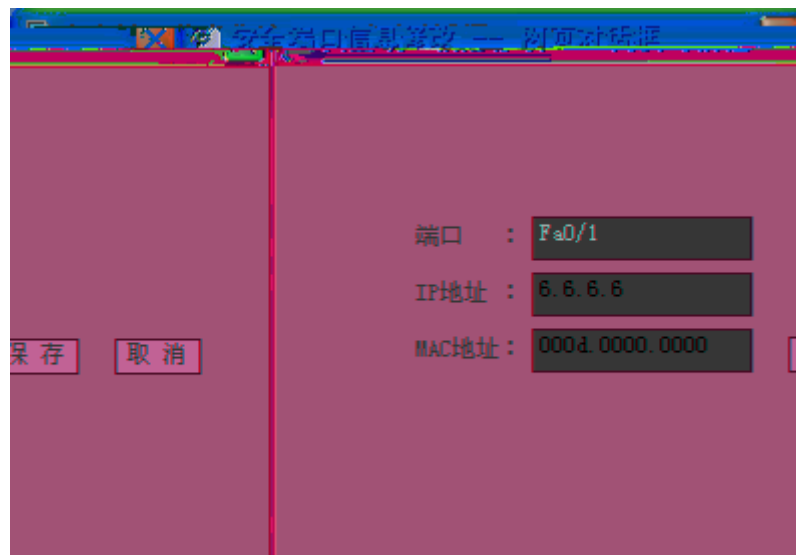
MAC

GigabitEthernet 0/15

MAC

2

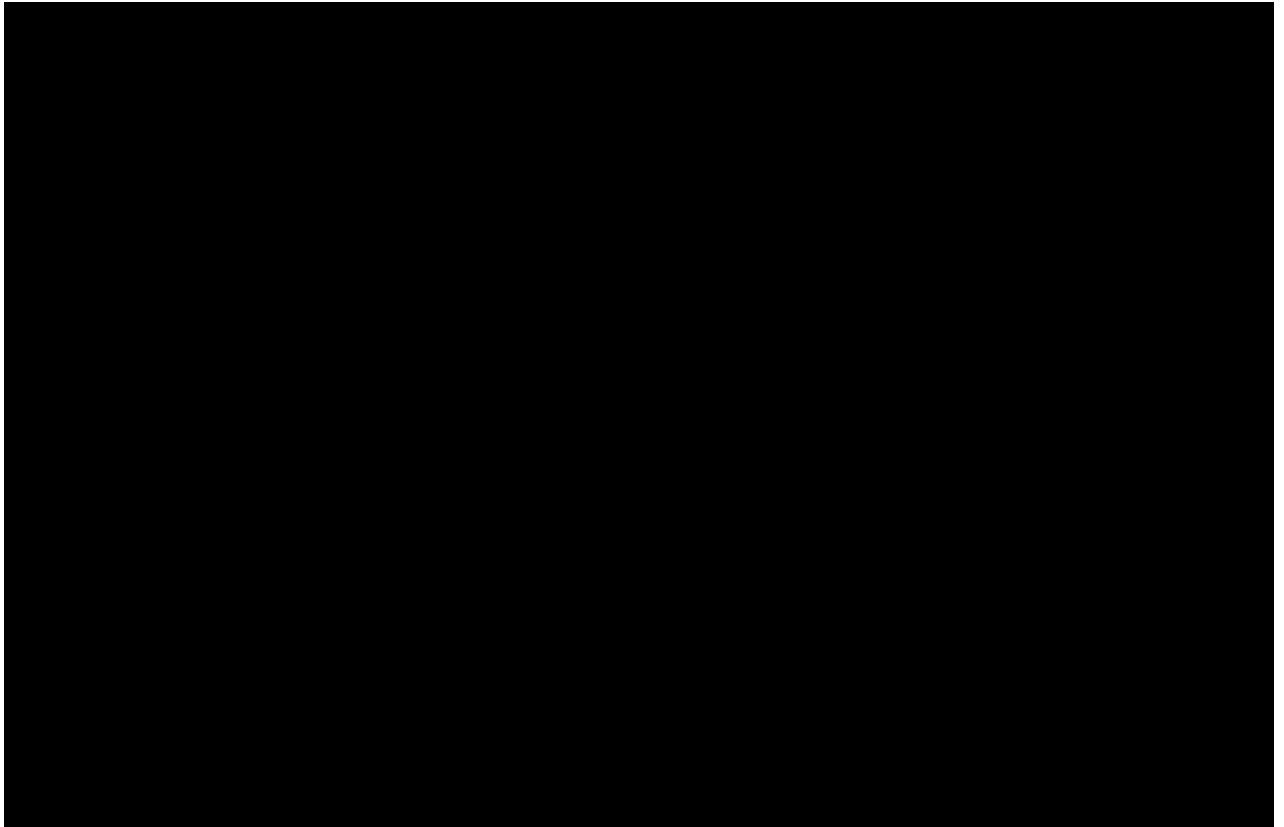
3)



2.3.4 ACL

ACL

ACL



39 ACL

1 ACL

ACL
ACL

ACL

ACL
ACE
ACL

ACL
ACE

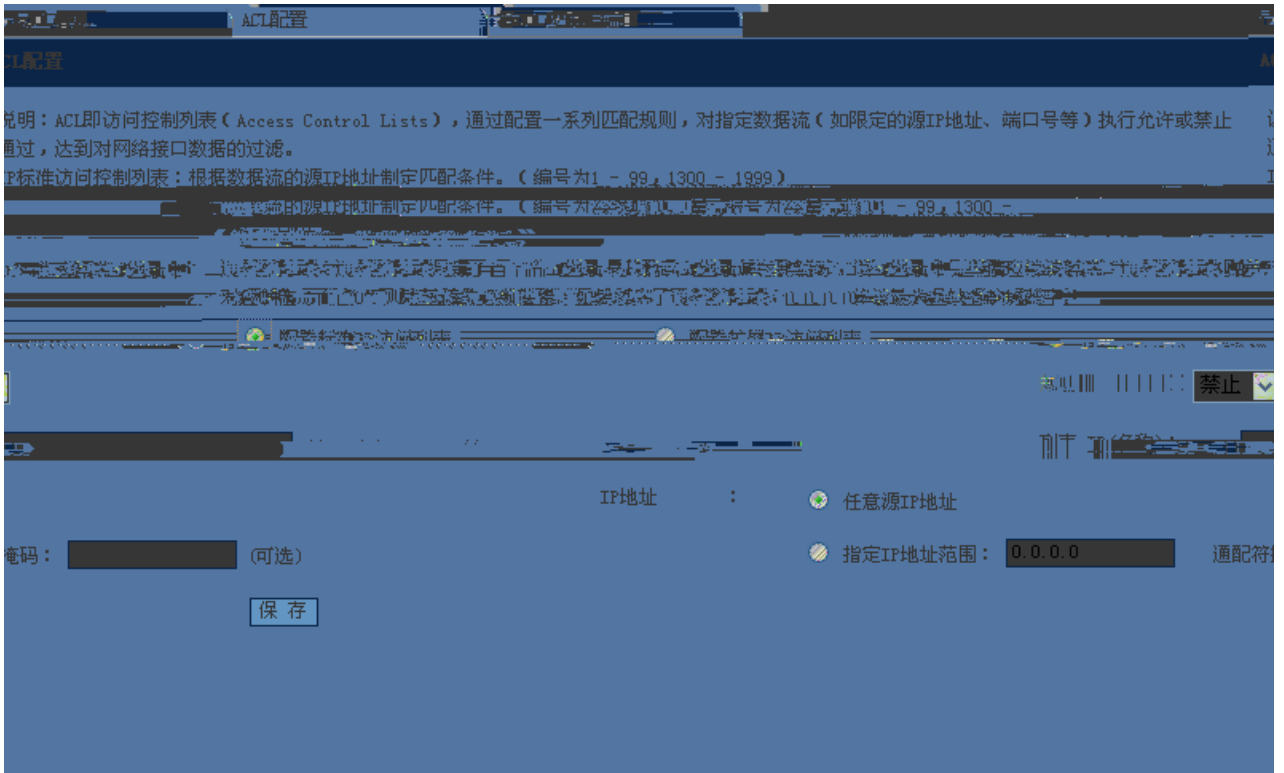
ACE

2 ACL

IP

IP

IP

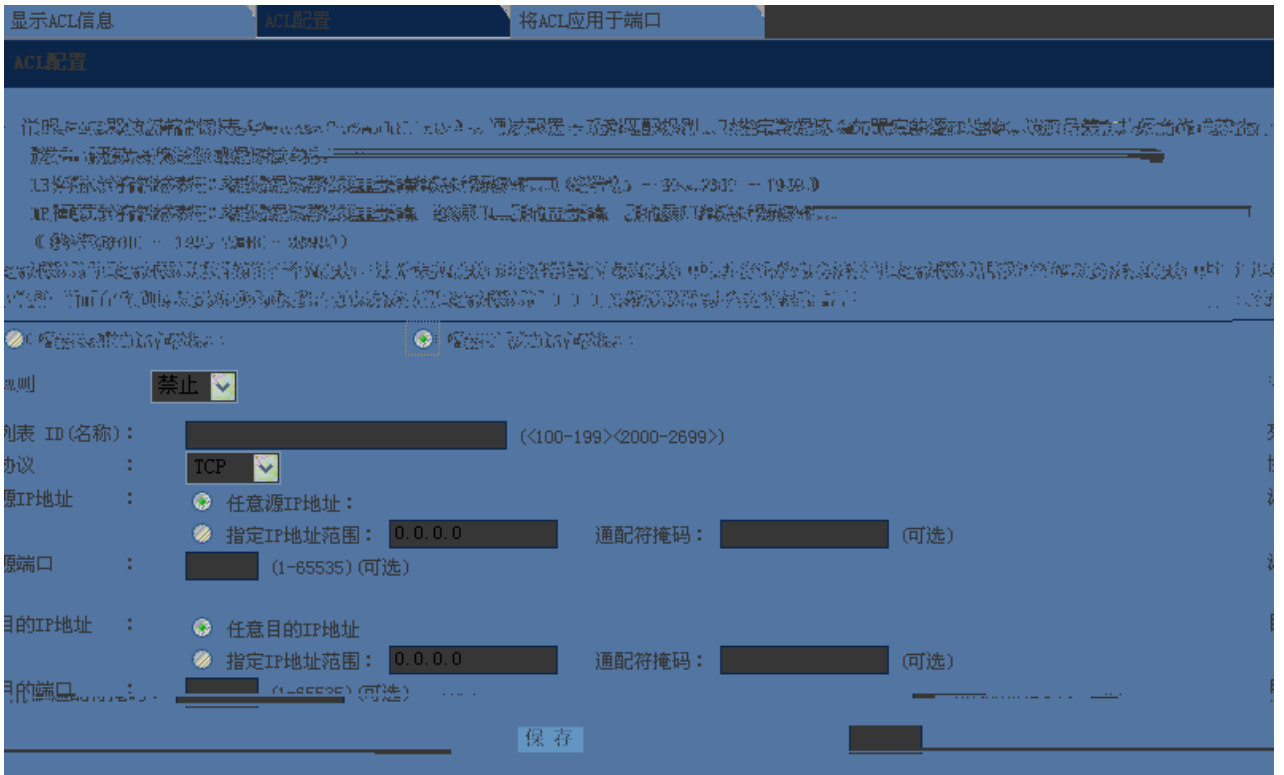


40 IP

ID

IP IP , IP

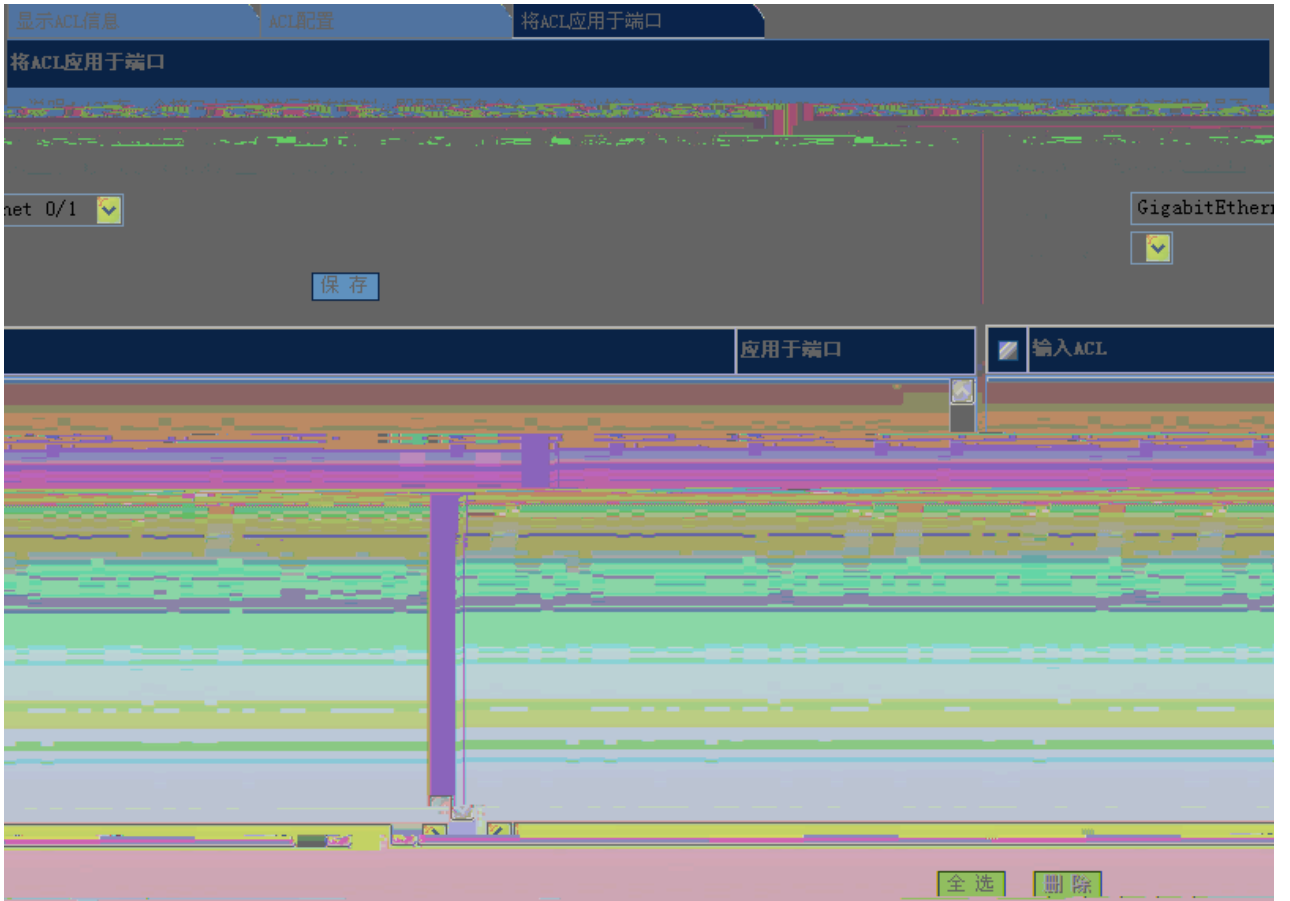
IP IP IP



41 IP

ID
TCP UDP IP ICMP
IP IP IP
IP IP IP

3 ACL



42 ACL

ACL

ACL



PC

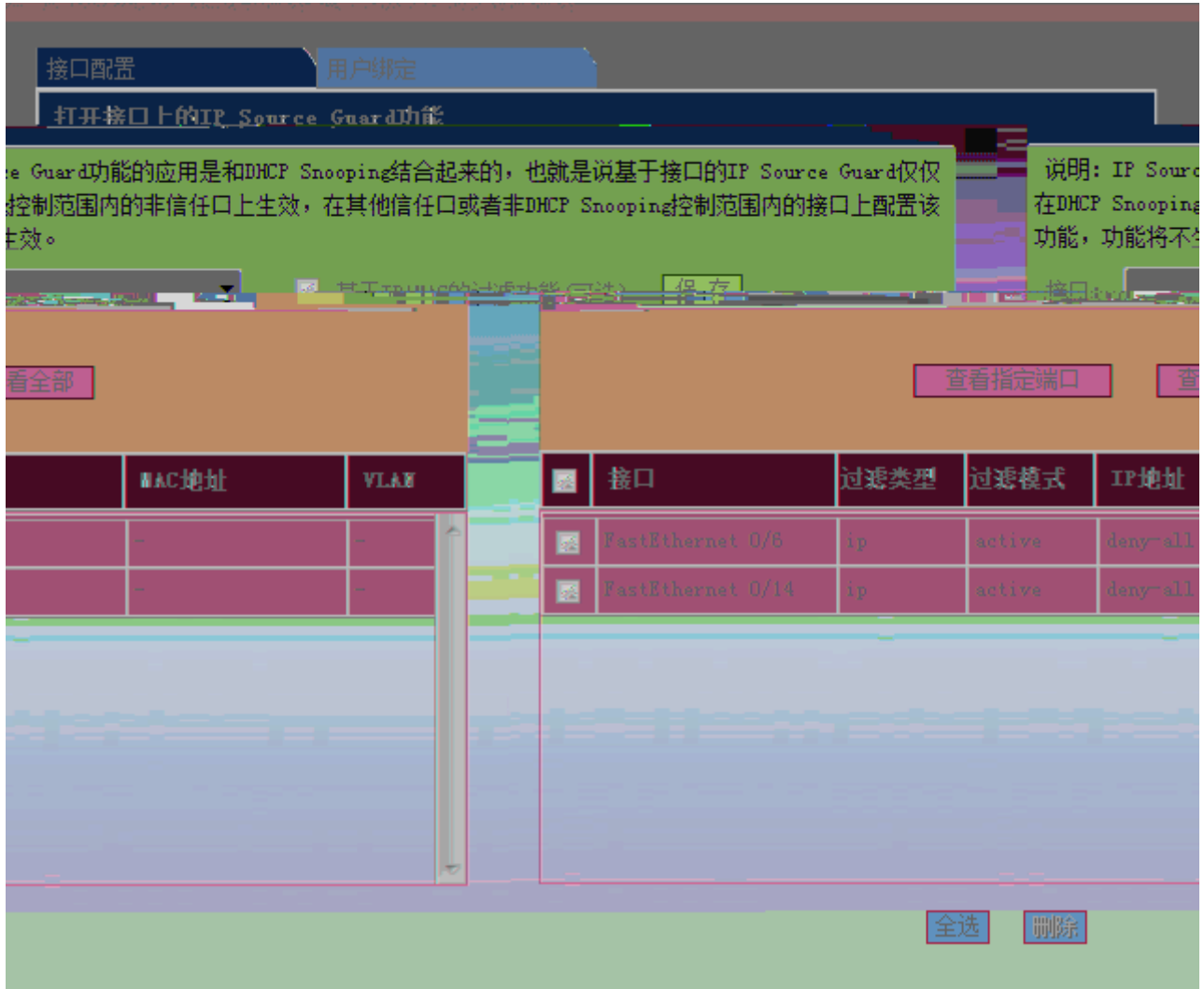
PC

IP Source Guard
DHCP Snooping

DHCP Snooping

IP Source Guard

IP Source Guard



43 IP Source Guard

1

IP Source Guard

IP+MAC

IP+MAC

()

2

IP

MAC

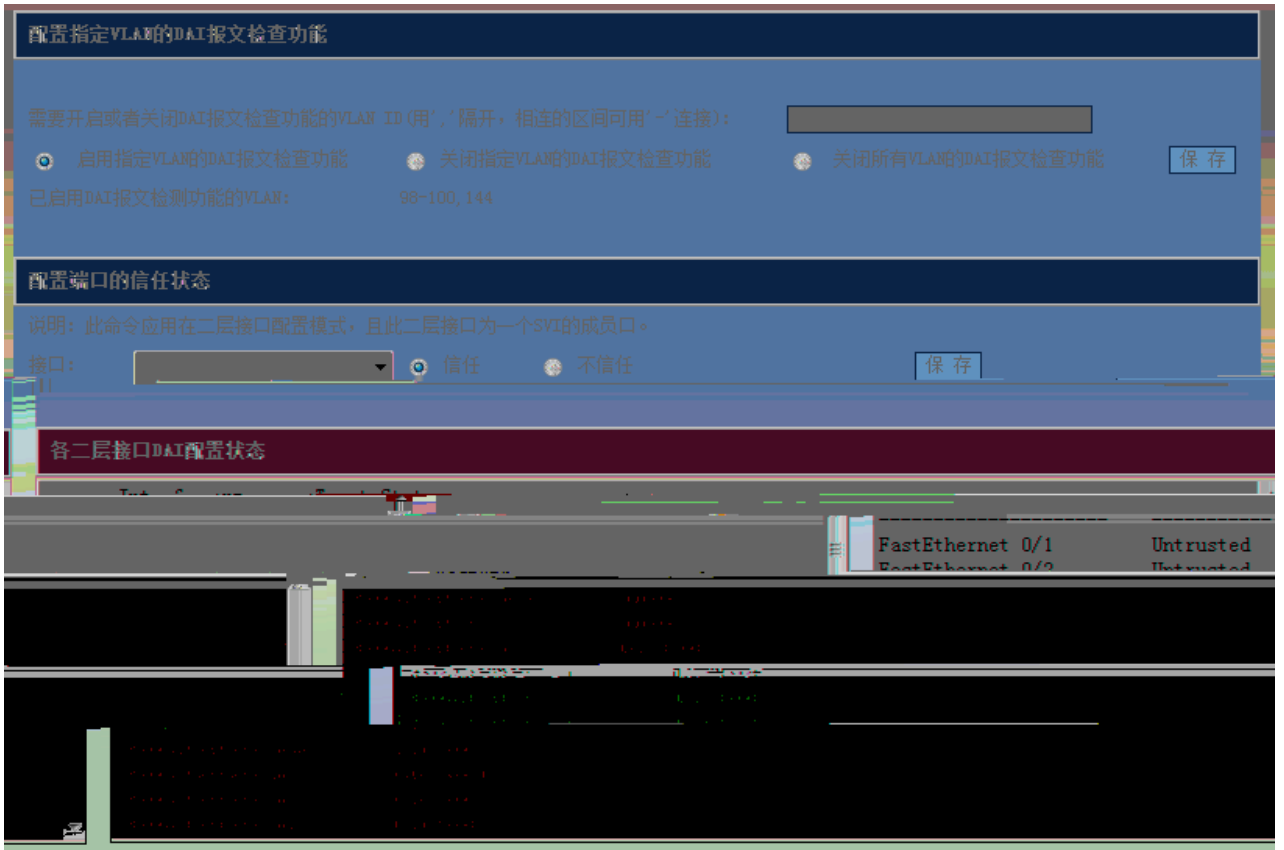
MAC

VLAN VLAN ID
 IP IP



2.3.6 DAI

DAI Dynamic ARP Inspection ARP ARP
 arp
 DAI
 DAI



45 DAI

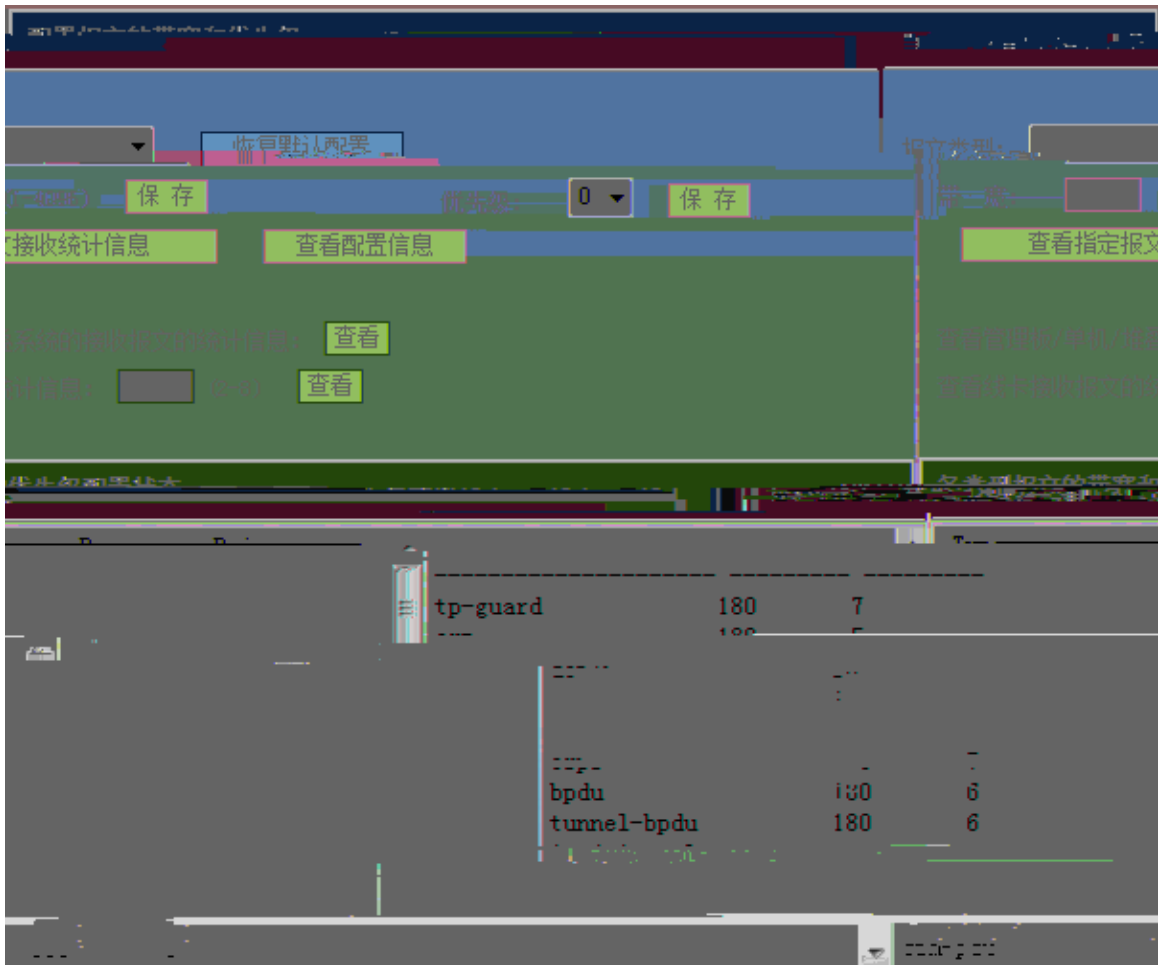
- 1 VLAN DAI
- VLAN DAI

GSN

GSN

2.3.8 CPP

CPP



47 CPP

arp报文接收统计信息

Slot	Type	Pps	Total	Drop
MainBoard	arp	10	324430	0

48

各类型报文的带宽和优先级配置状态

Type	Bandwidth	Priority
tcp-guard	150	7
...	150	7
...	150	7
...	150	7
...	150	7
tunnel-ipv4	150	8
ipsec-icmp-localhost	1500	8
...	150	8
...	150	8
...	150	8

49

/ /

/ /

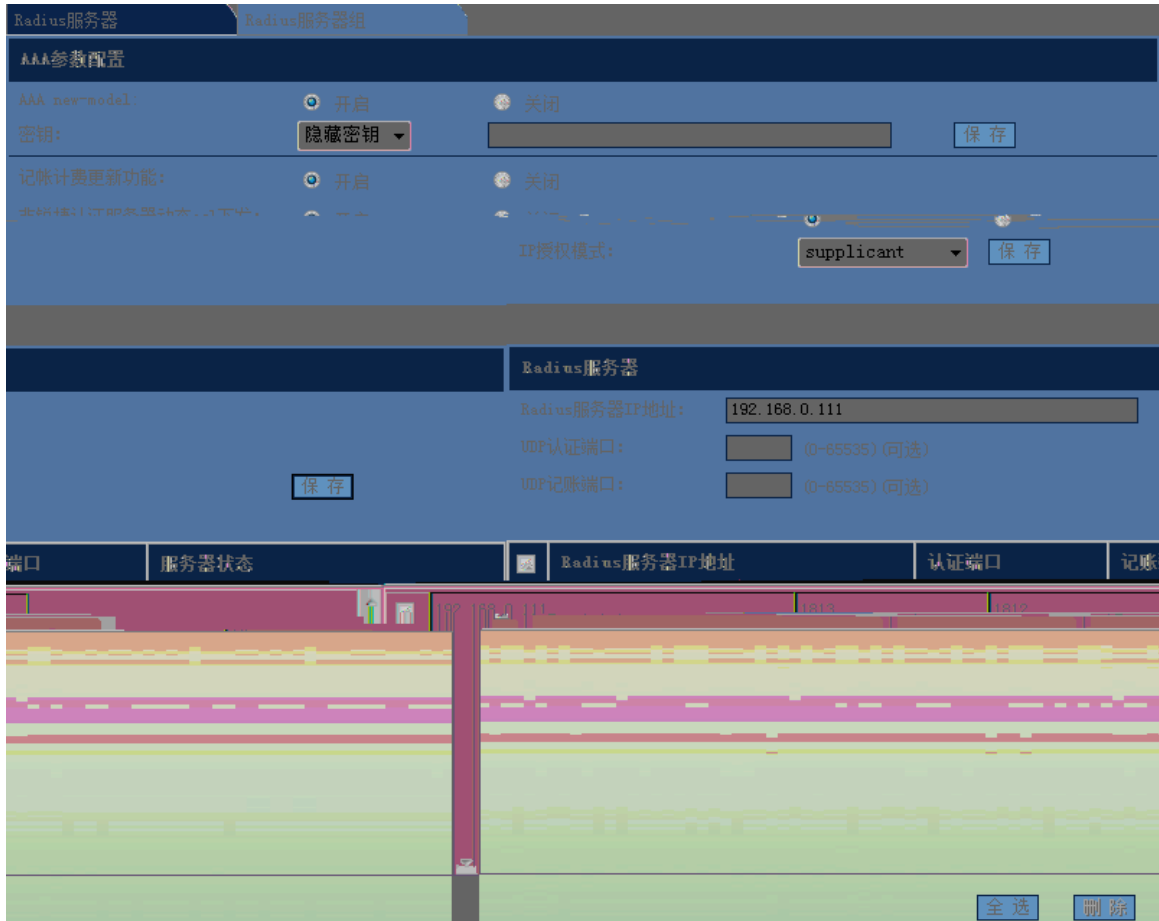
管理板/单板/槽号系统的接收报文的统计信息

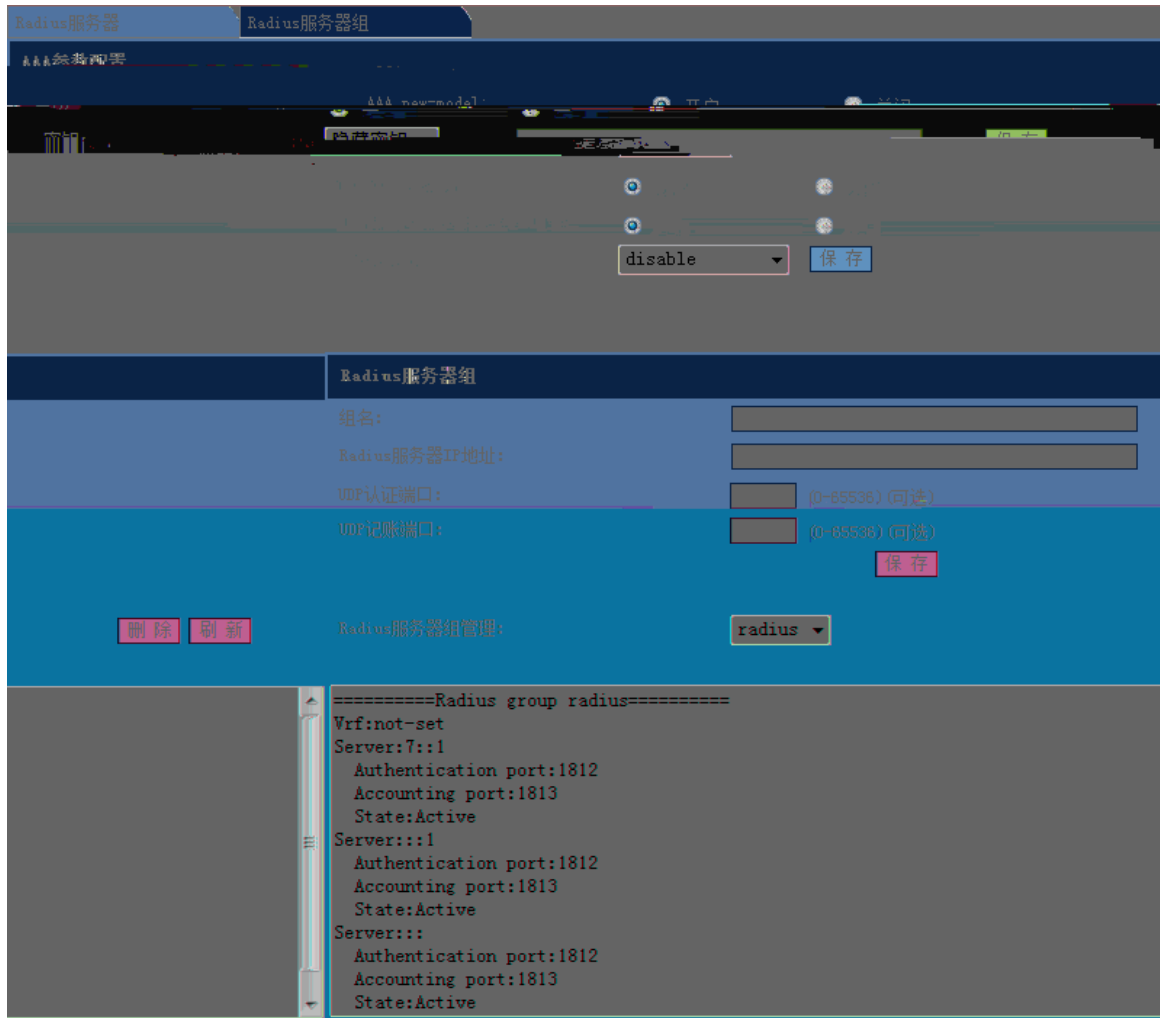
Type	Pps	Total	Drop
...
...
...
...
...
...
...
...
...
...
...
...

2.3.9 RADIUS

RADIUS

1 RADIUS





52 RADIUS

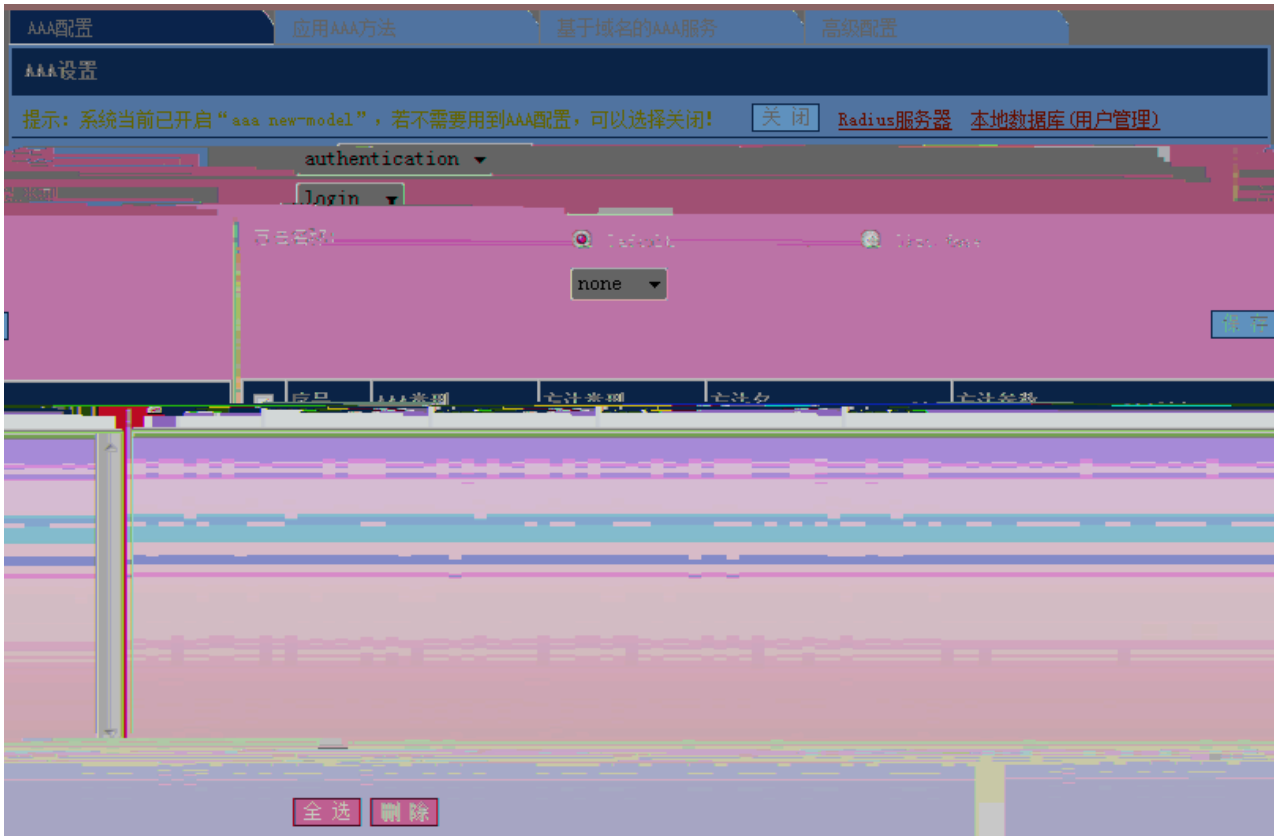
RADIUS IP

Radius

2.3.10 AAA

AAA

AAA

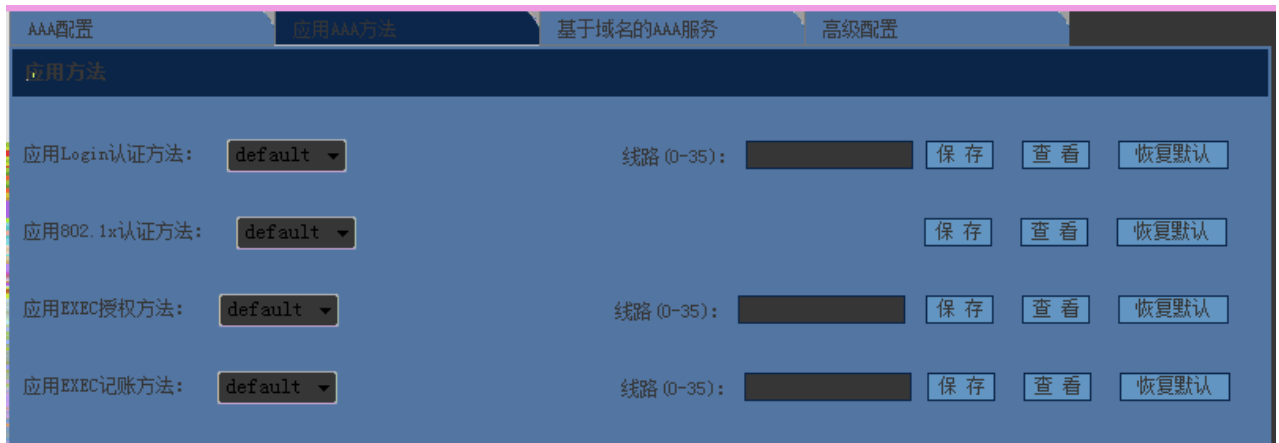


53 AAA

```

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

2      AAA
    
```



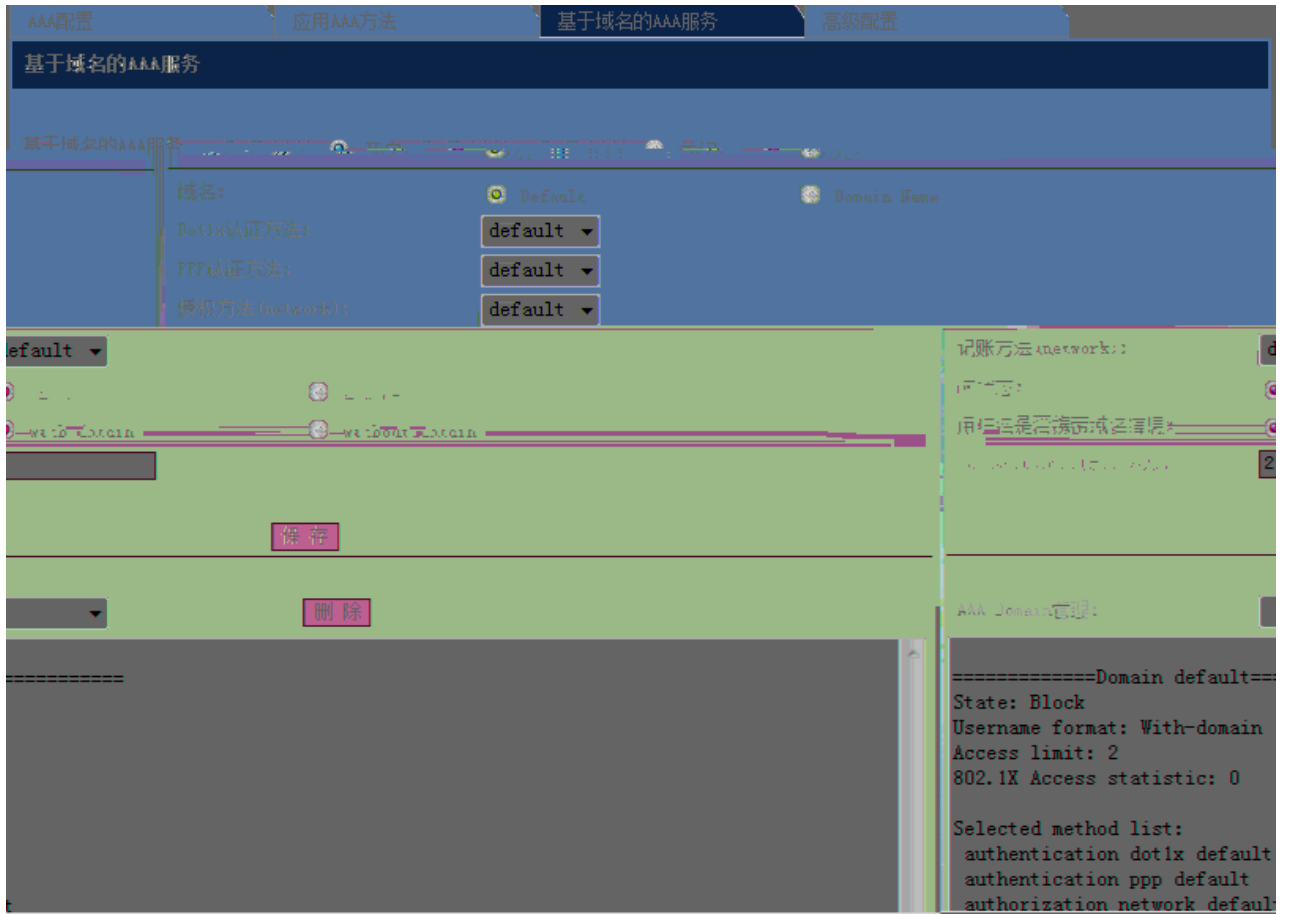
54 AAA

AAA

AAA

3

AAA



55

AAA

(network)

AAA
(network)

Dot1x

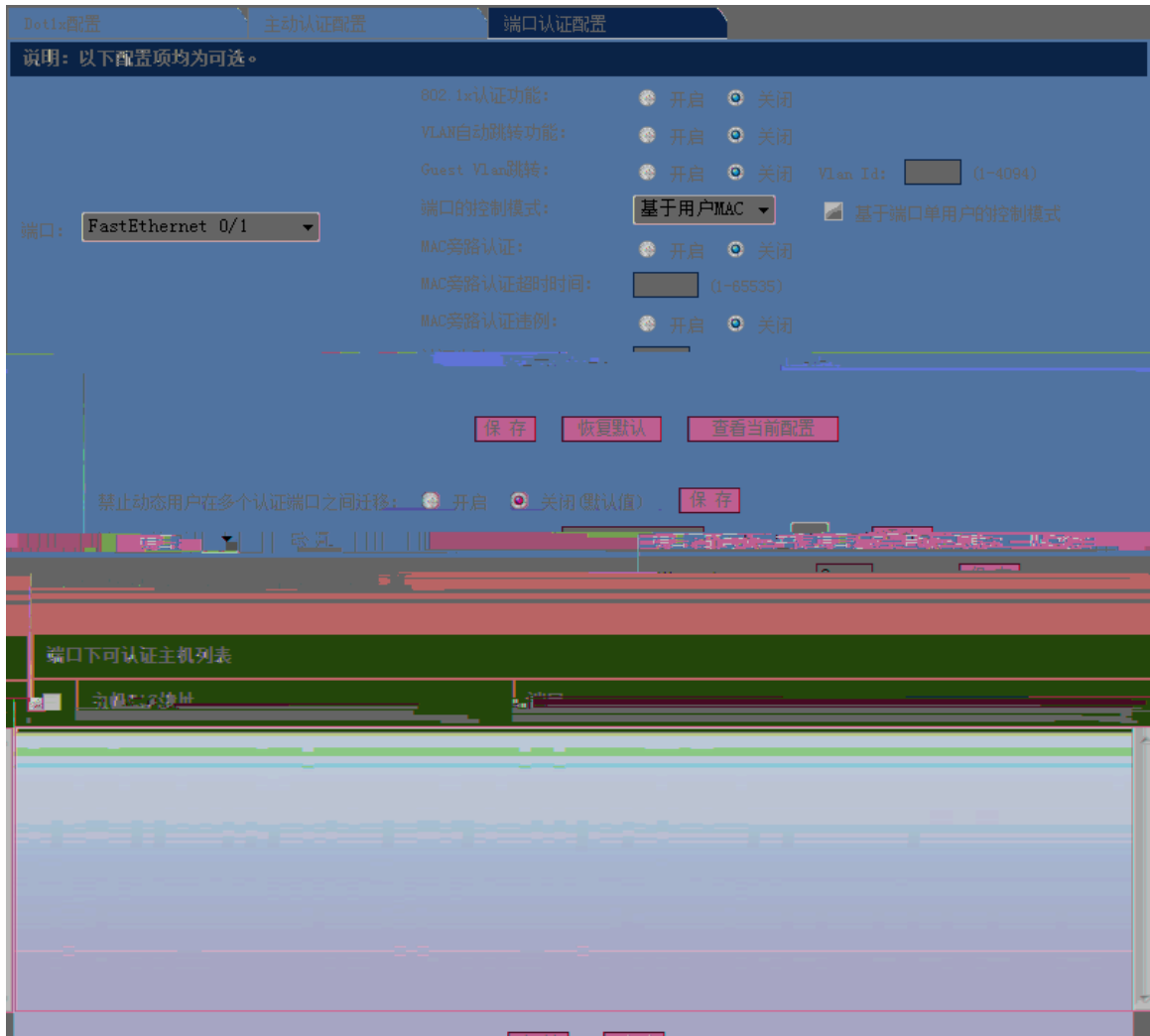
PPP

Access Limit

AAA Domain

4 AAA

Dot1x





60

2

802.1x

MAC

VLAN

2.3.12

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

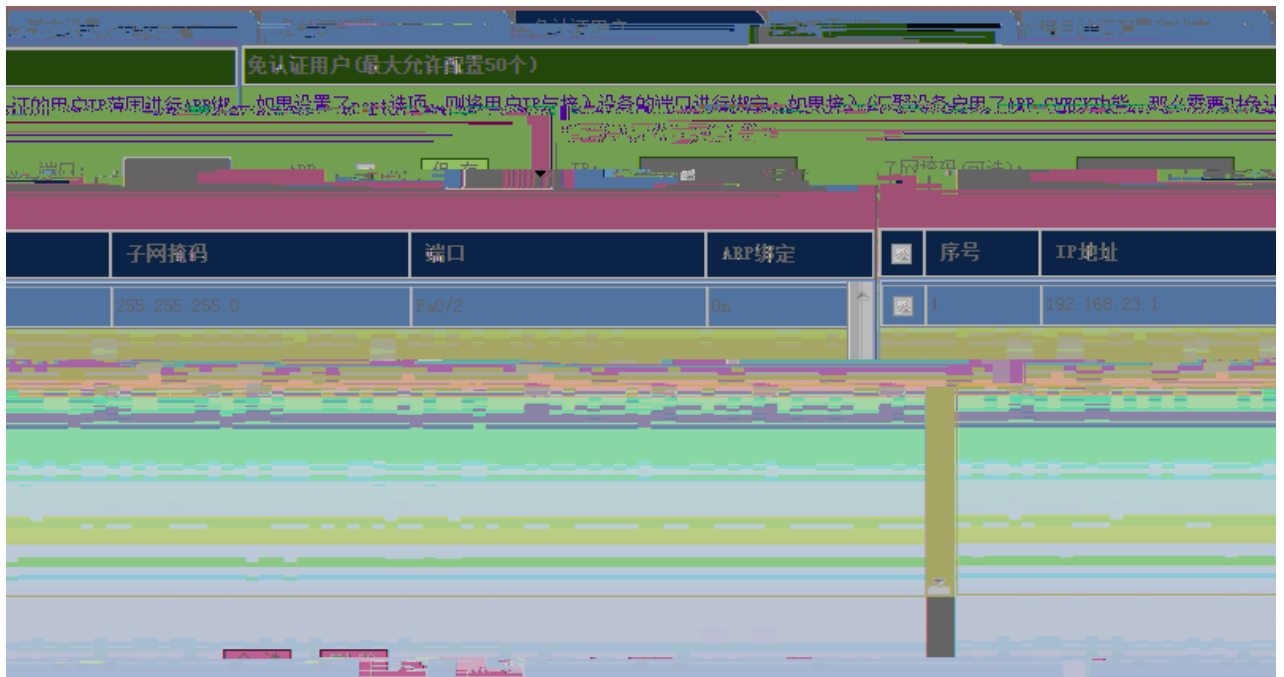
WEB



64

IP

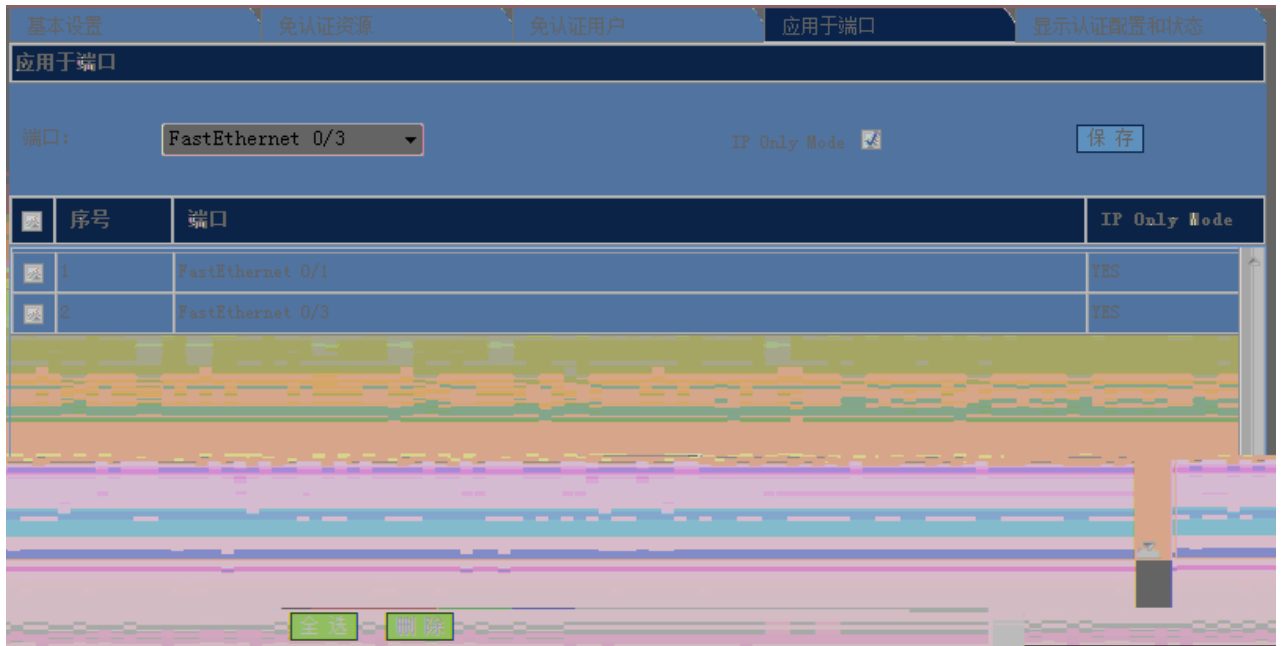
3)



65

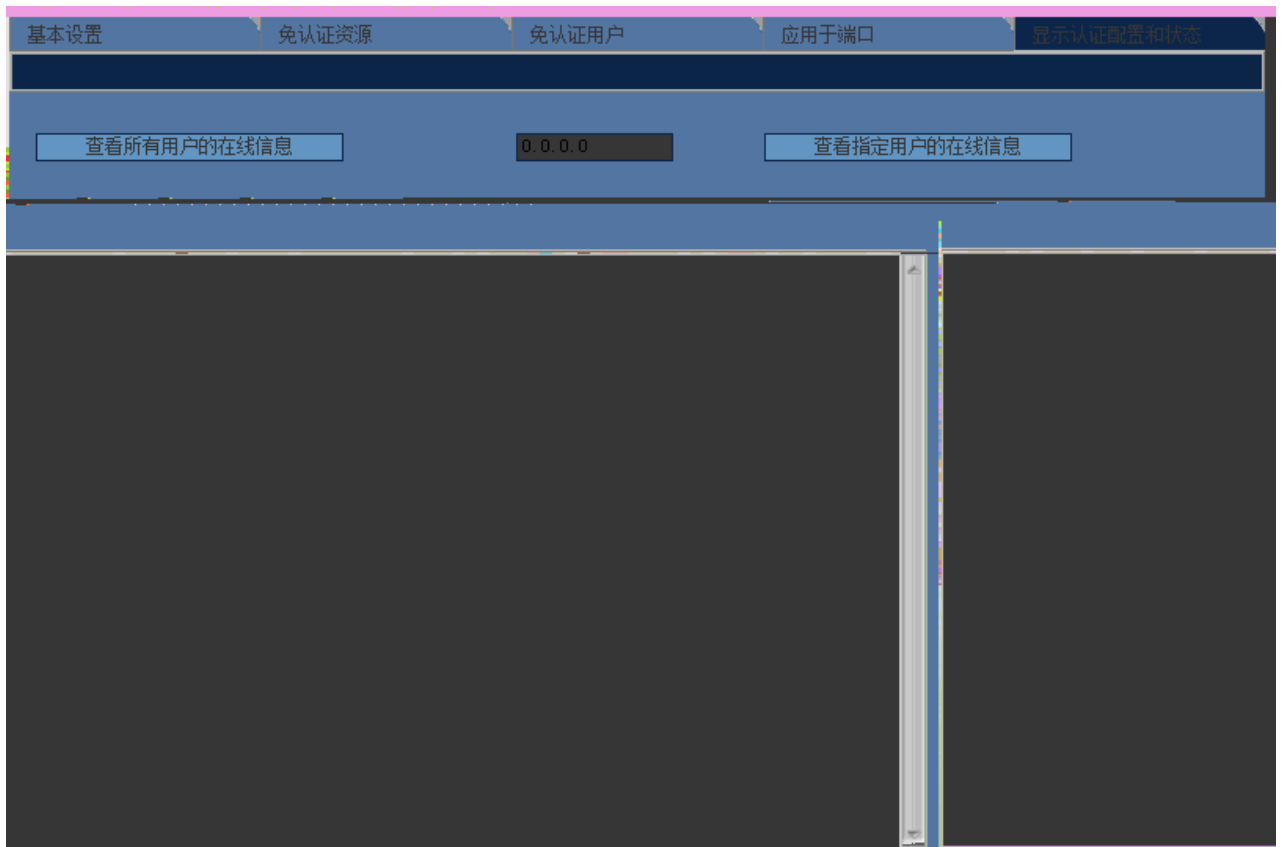
IP

4)



66

5)



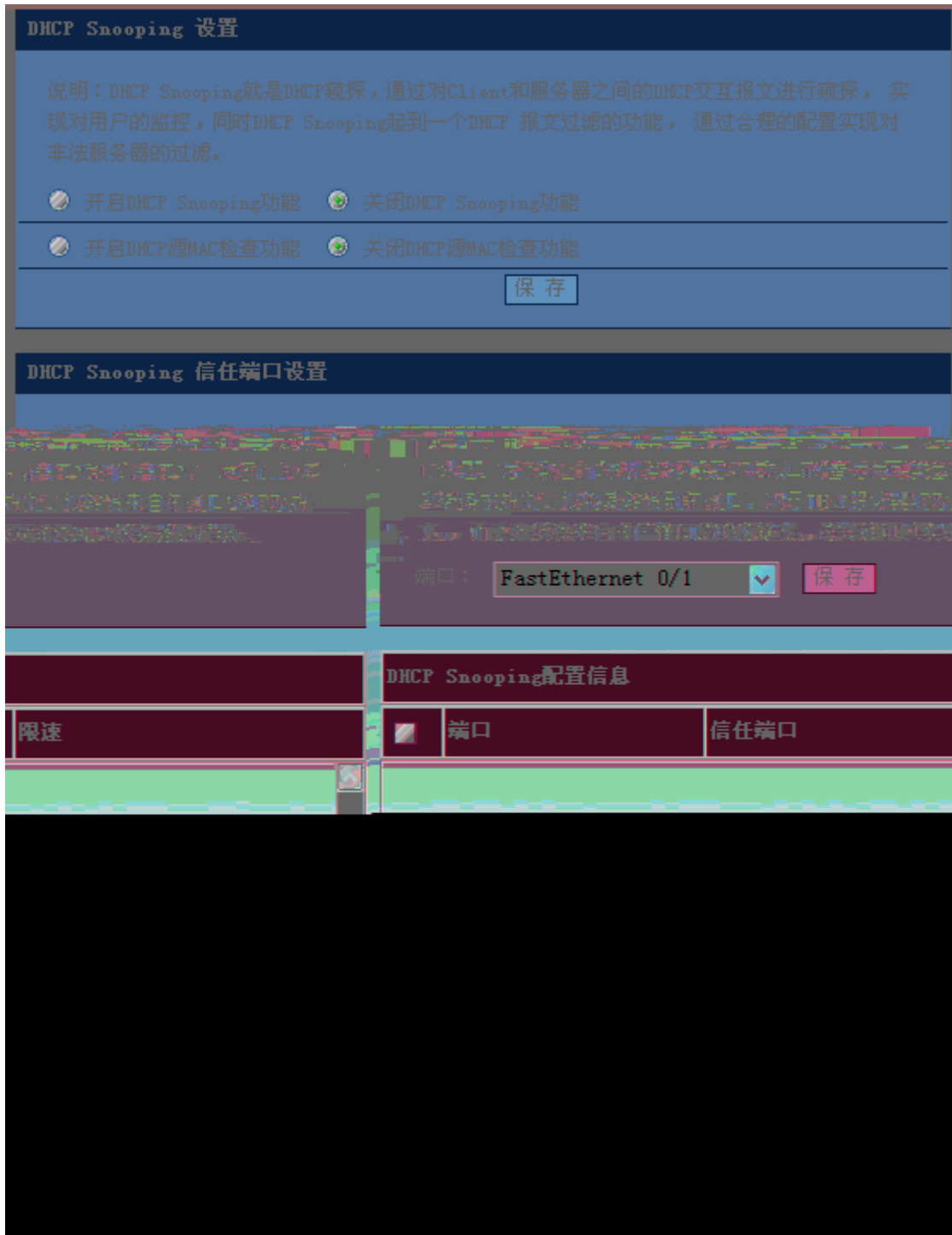
67

IP

2.3.14 DHCP Snooping

DHCP Snooping

DHCP Snooping



68 DHCP Snooping

1)DHCP Snooping

DHCP Snooping

DHCP Snooping

MAC

2)DHCP Snooping

2.4 QOS

2.4.1



69

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。

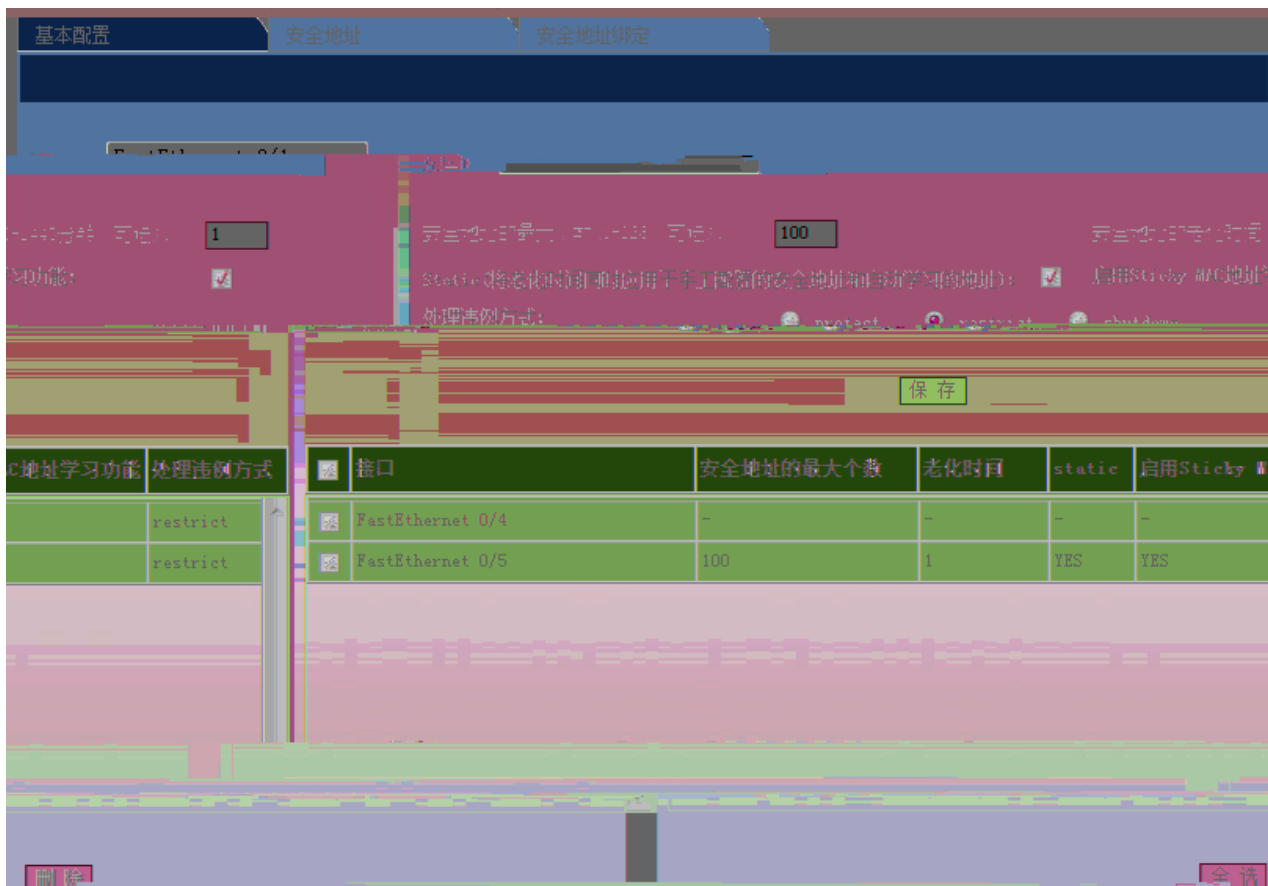
端 口： ▼

策略列表： ▼

限速方向：
 输入限速
 输出限速

<input type="checkbox"/>	端口	方向	策略名	信任模式	COS
<input checked="" type="checkbox"/>	FastEthernet 0/1	-	-	-	-
<input checked="" type="checkbox"/>	FastEthernet 0/2	-	-	-	-
<input checked="" type="checkbox"/>	FastEthernet 0/3	-	-	-	-
<input checked="" type="checkbox"/>	FastEthernet 0/4	-	-	-	-
<input checked="" type="checkbox"/>	FastEthernet 0/5	-	-	-	-
<input checked="" type="checkbox"/>	FastEthernet 0/6	-	-	-	-
<input checked="" type="checkbox"/>	FastEthernet 0/7	-	-	-	-
<input checked="" type="checkbox"/>	FastEthernet 0/8	-	-	-	-
<input checked="" type="checkbox"/>	FastEthernet 0/9	-	-	-	-
<input checked="" type="checkbox"/>	FastEthernet 0/10	-	-	-	-
<input checked="" type="checkbox"/>	FastEthernet 0/11	-	-	-	-

2.4.4



73

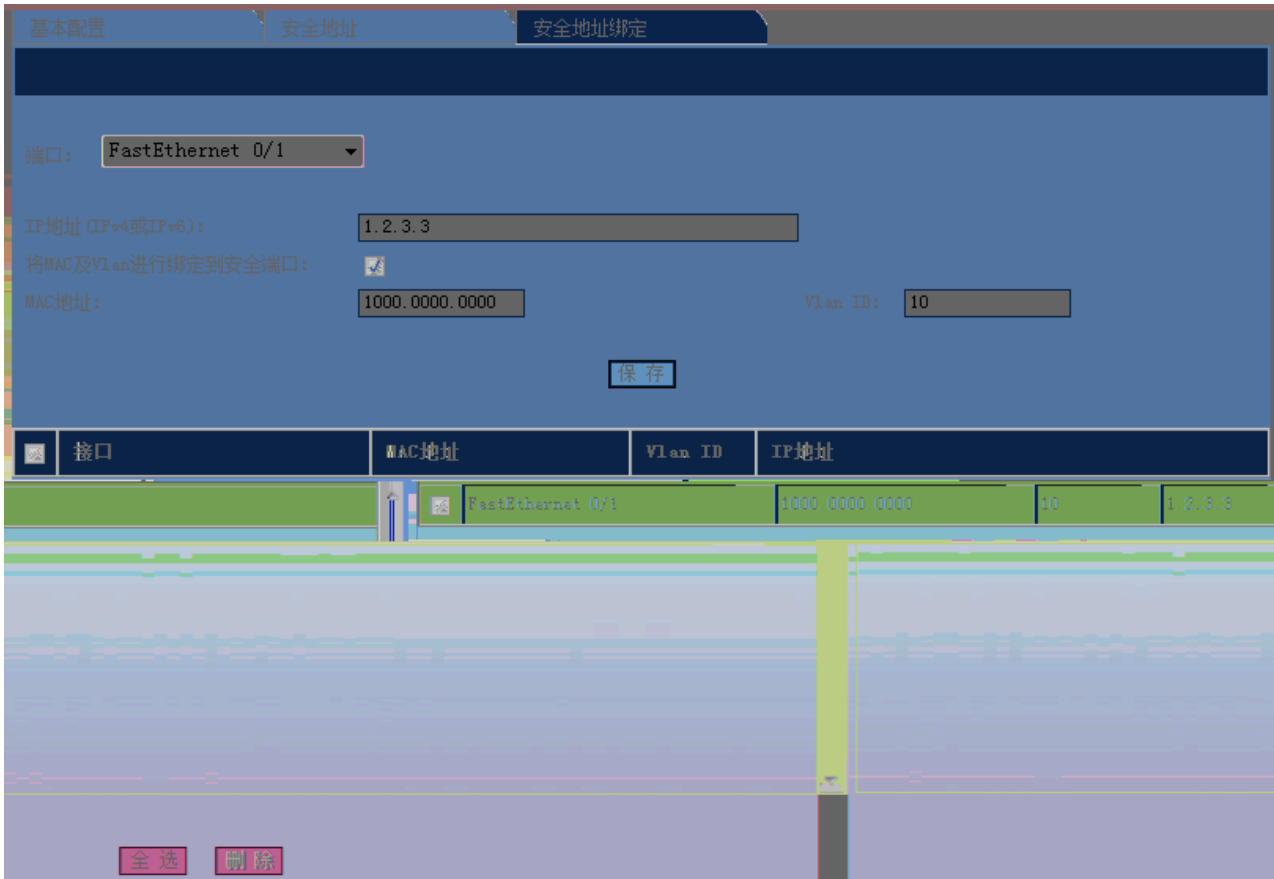
1)

Static

Sticky Mac

2)

Mac



75

Mac VLAN ID IP MAC Vlan

2.5

2.5.1

端口状态					
端口	状态	Vlan	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

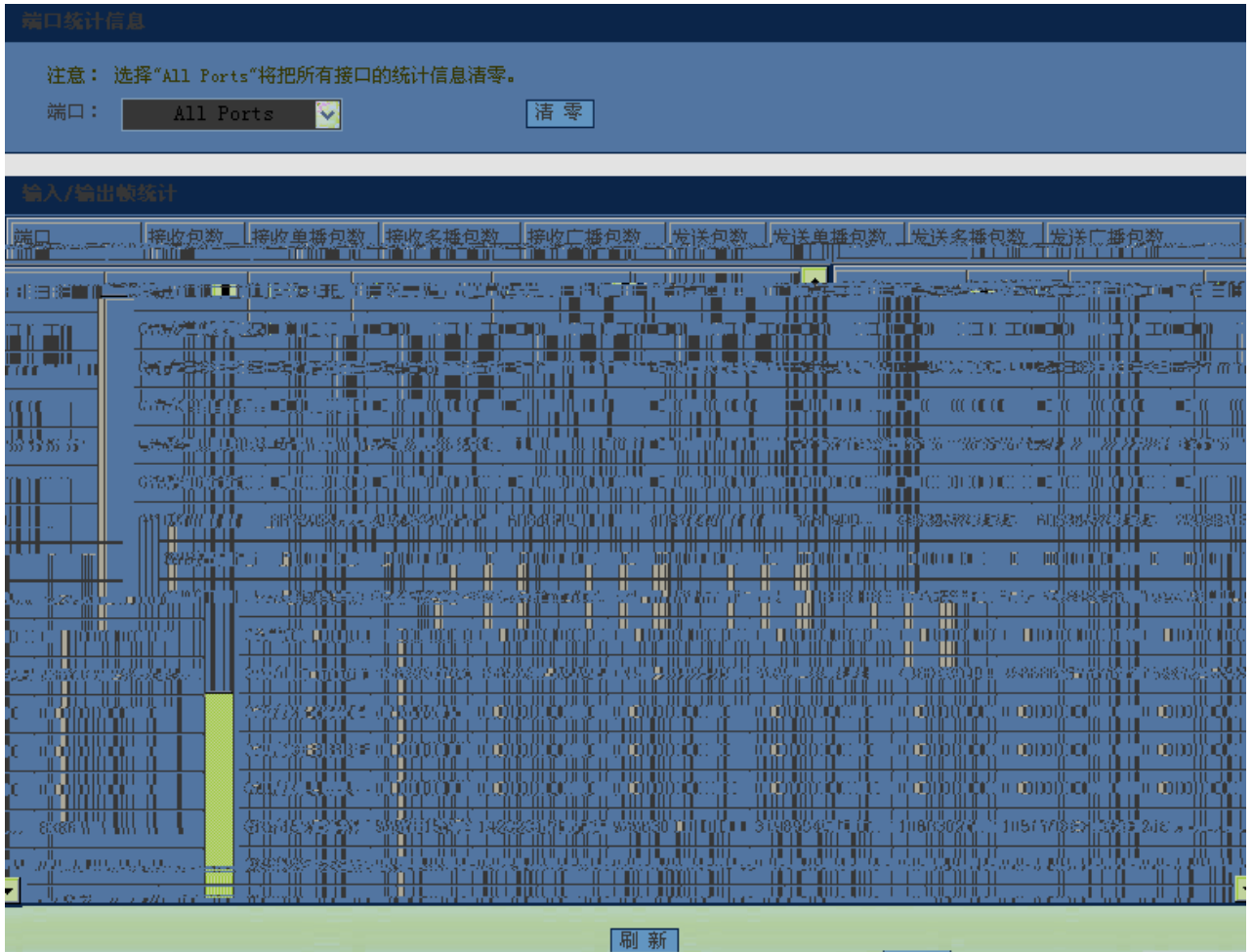
2.5.4

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%

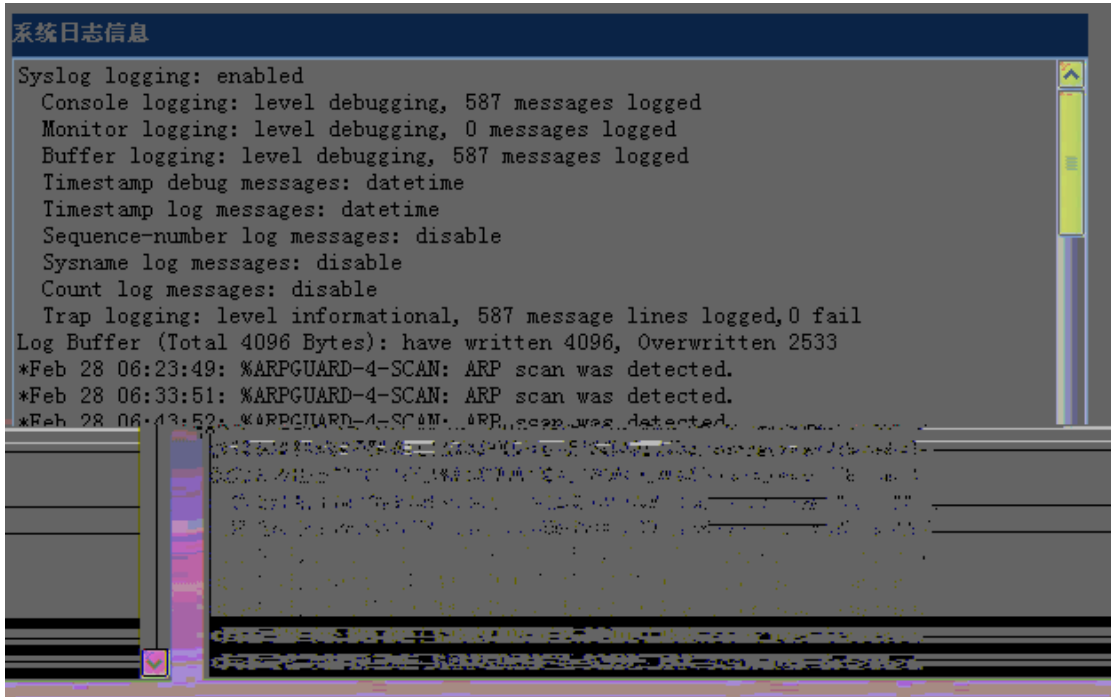
刷新

79

2.5.5



2.5.6



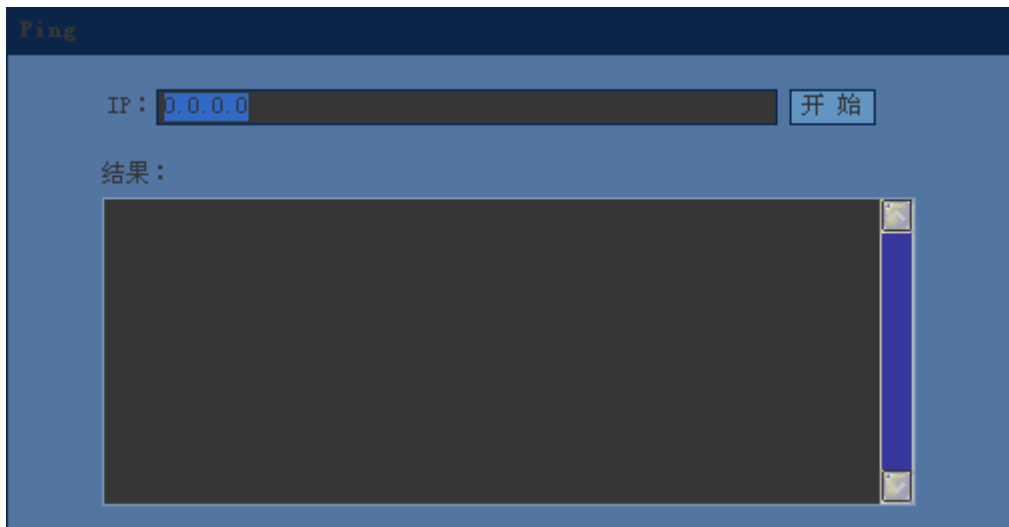
81

2.6

2.6.1 Ping

Ping

Ping



82 Ping

IP

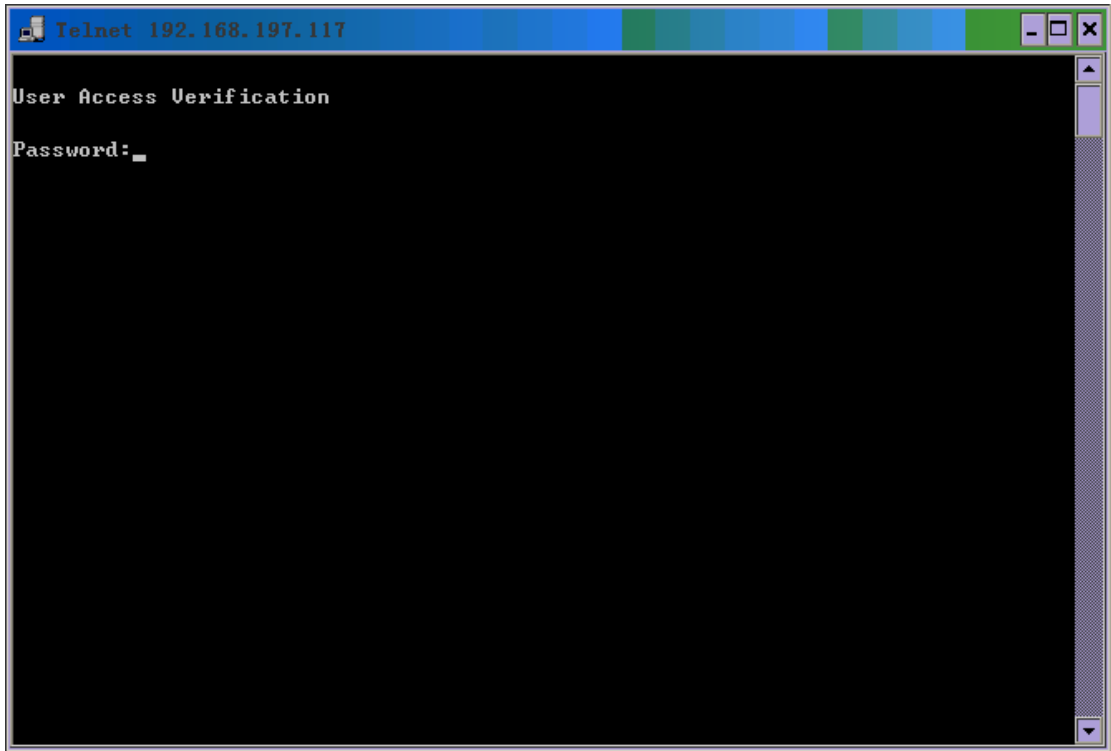
IP

Ping

2.6.2 Telnet

Telnet

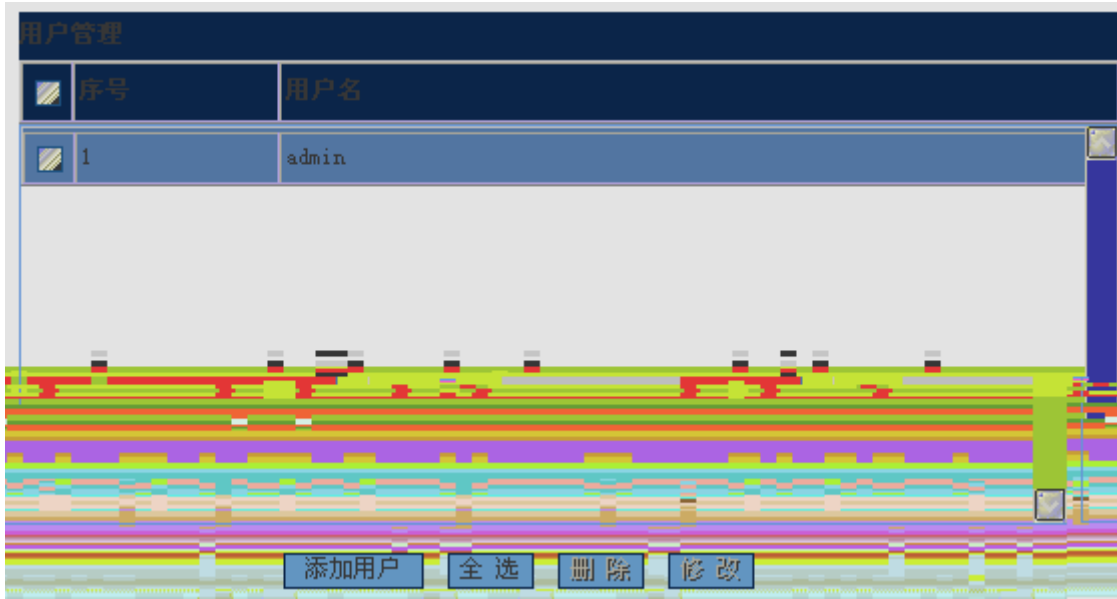
Telnet



83 Telnet

PC Telnet Telnet Telnet PC Telnet

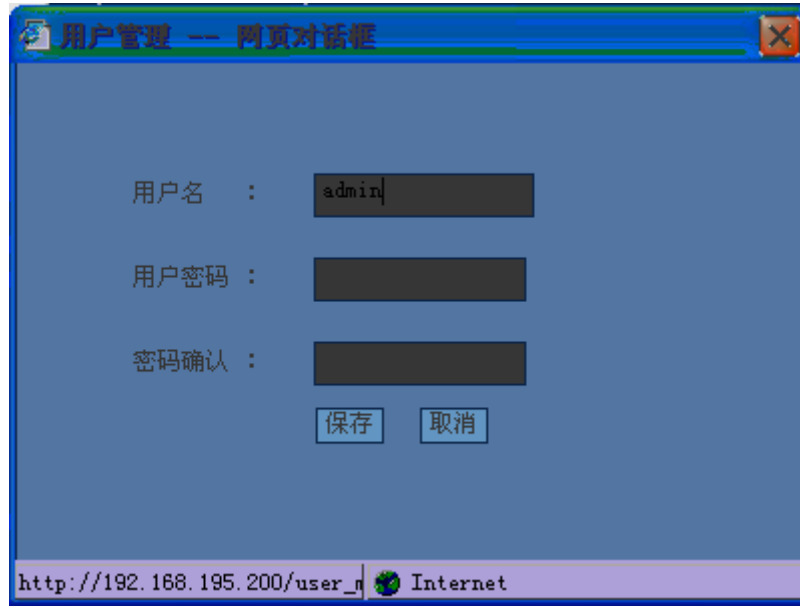
2.6.3



84



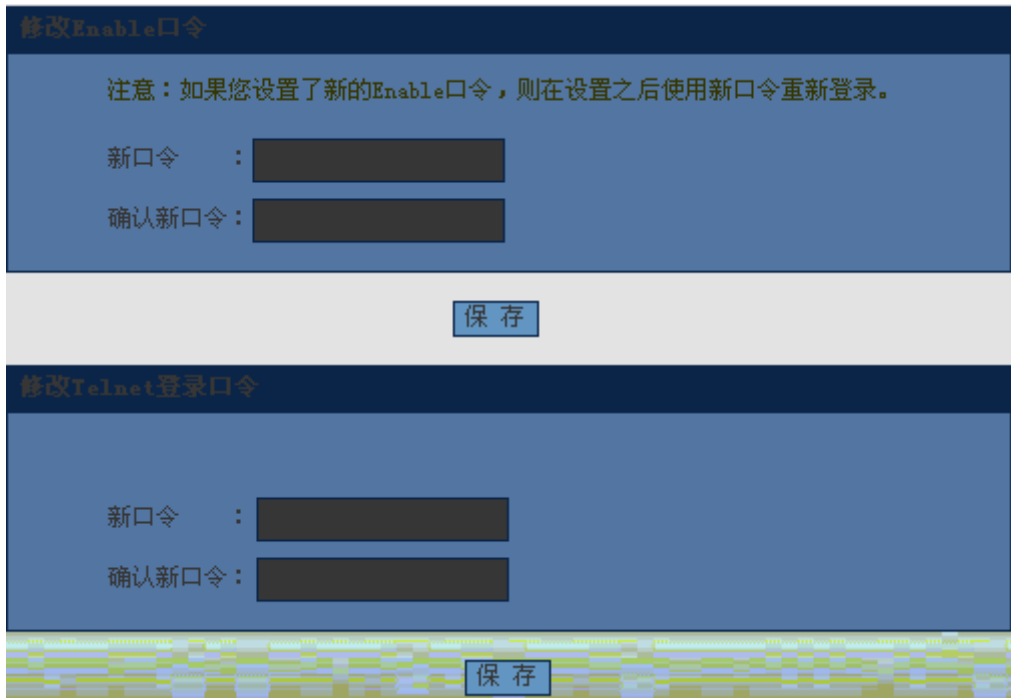
85



86



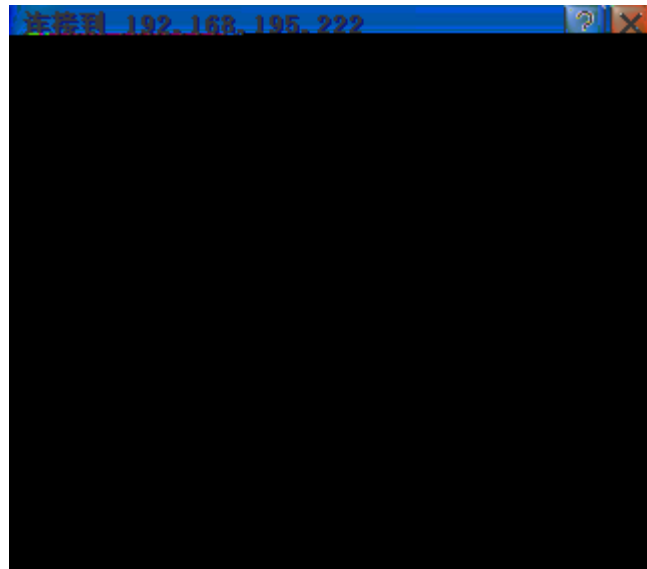
2.6.4



87

1) Enable

Enable



88

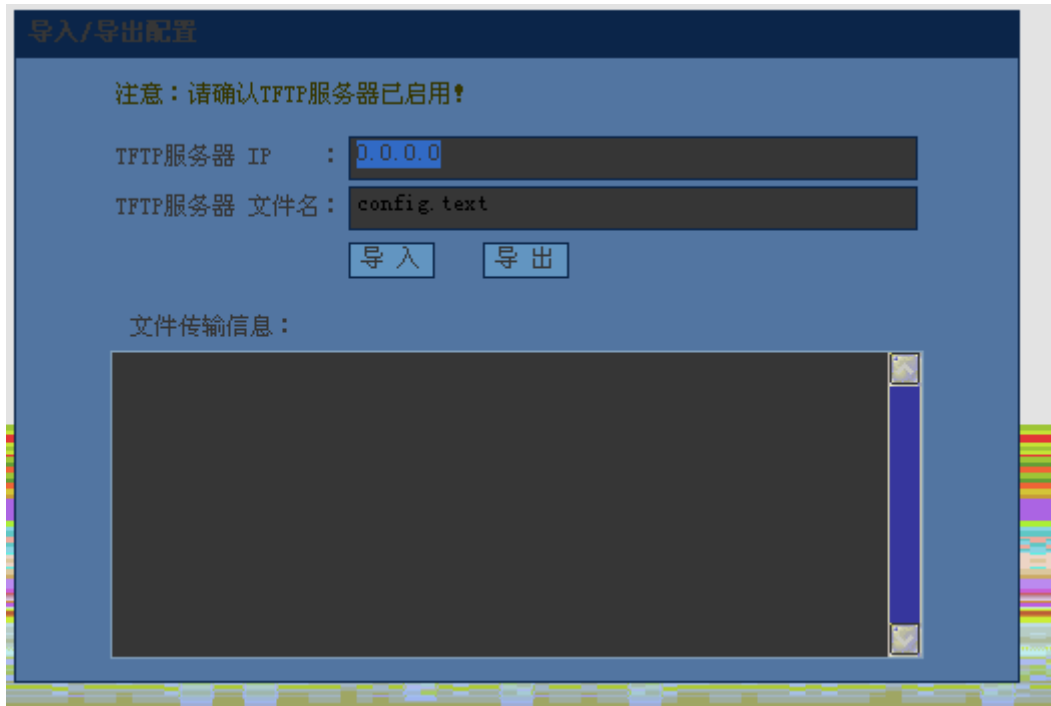
2) Telnet

Telnet

2.6.5 /

/

/



89 /

config.text

TFTP

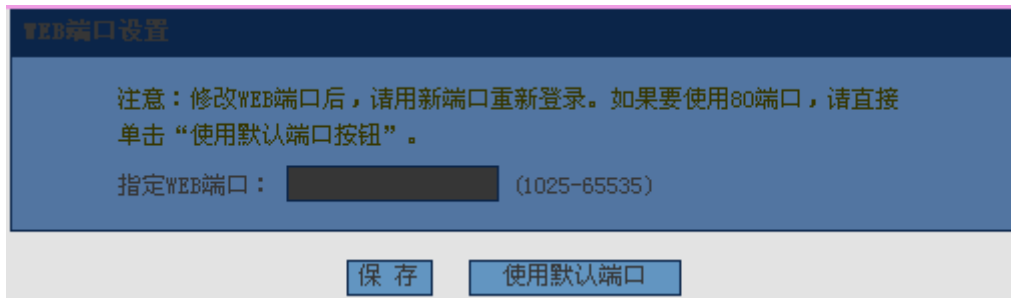
IP

TFTP

2.6.6 WEB

WEB

WEB



90 WEB

8080 IP 192.168.1.1 <http://192.168.1.1:8080>

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
```