



WEB

RG-S6220

RGOS 10.4(5b2)p2

V1.

RGOS 10.4 (5b2)p2

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

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

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

7 × 24

4008-111-000

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

service@ruijie.com.cn





-WEB

-
1. WEB

1 WEB

1.1 WEB

WEB IE
WEB WEB WEB WEB
WEB WEB IE

1.2

1.2.1

'[ÉQ,Ä" Å R• M,É ' Qd2 ðÃ2m „##?œ WÖB Õ PC
IPAD
" IE6.0 IE7.0 IE8.0 IE maxthon WEB
1024*768 1280*1024 1440*960 @



“ ”

1-2



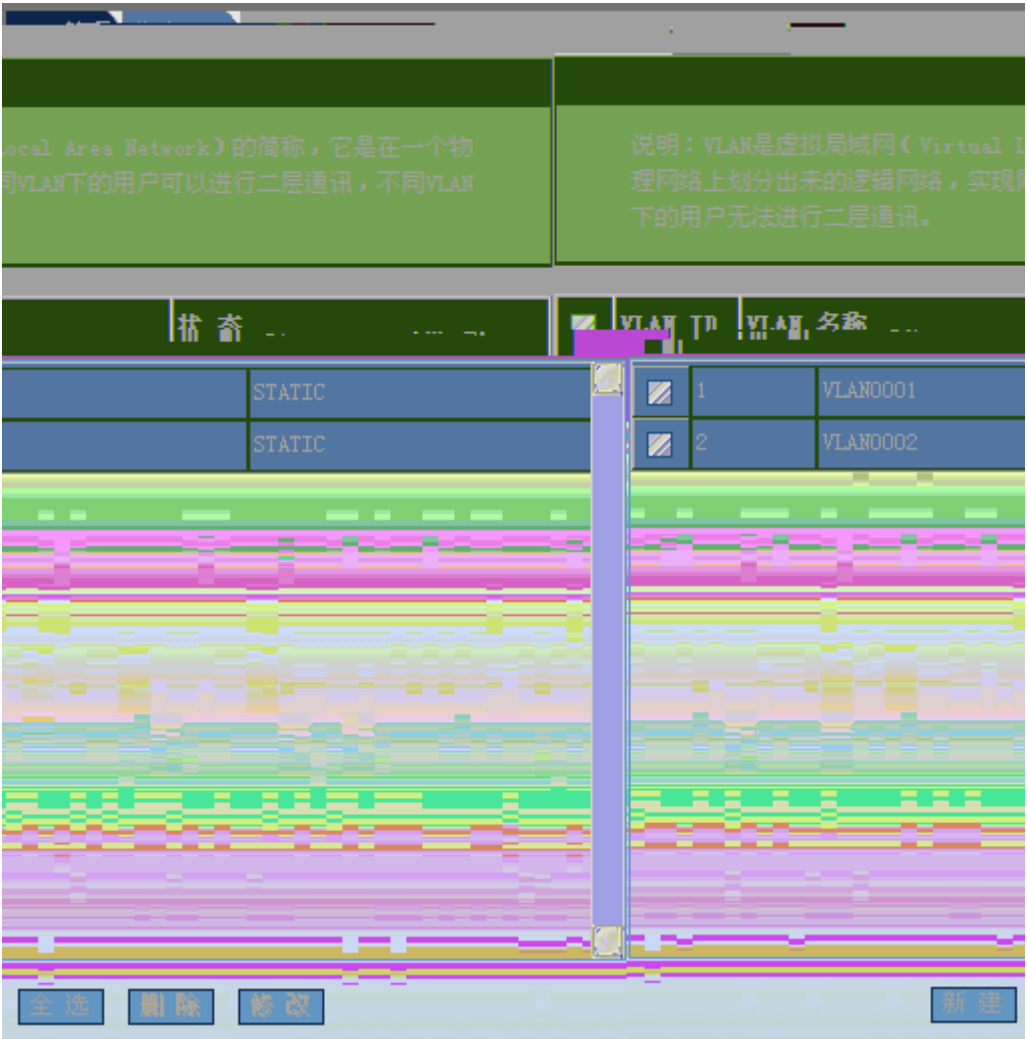
WEB

1-3 WEB



VLAN

1-6 VLAN



VLAN

VLAN

VLAN

VLAN

“ ”

1-7 VLAN

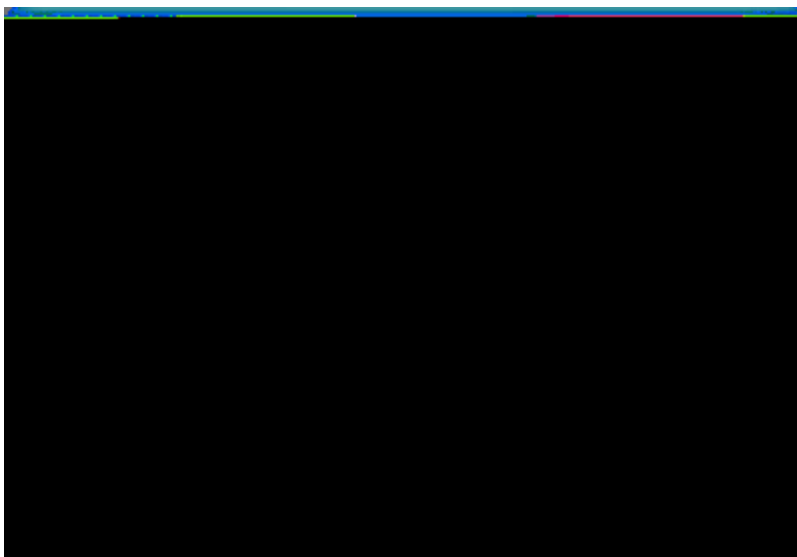
“ ”

VLAN

“ ”

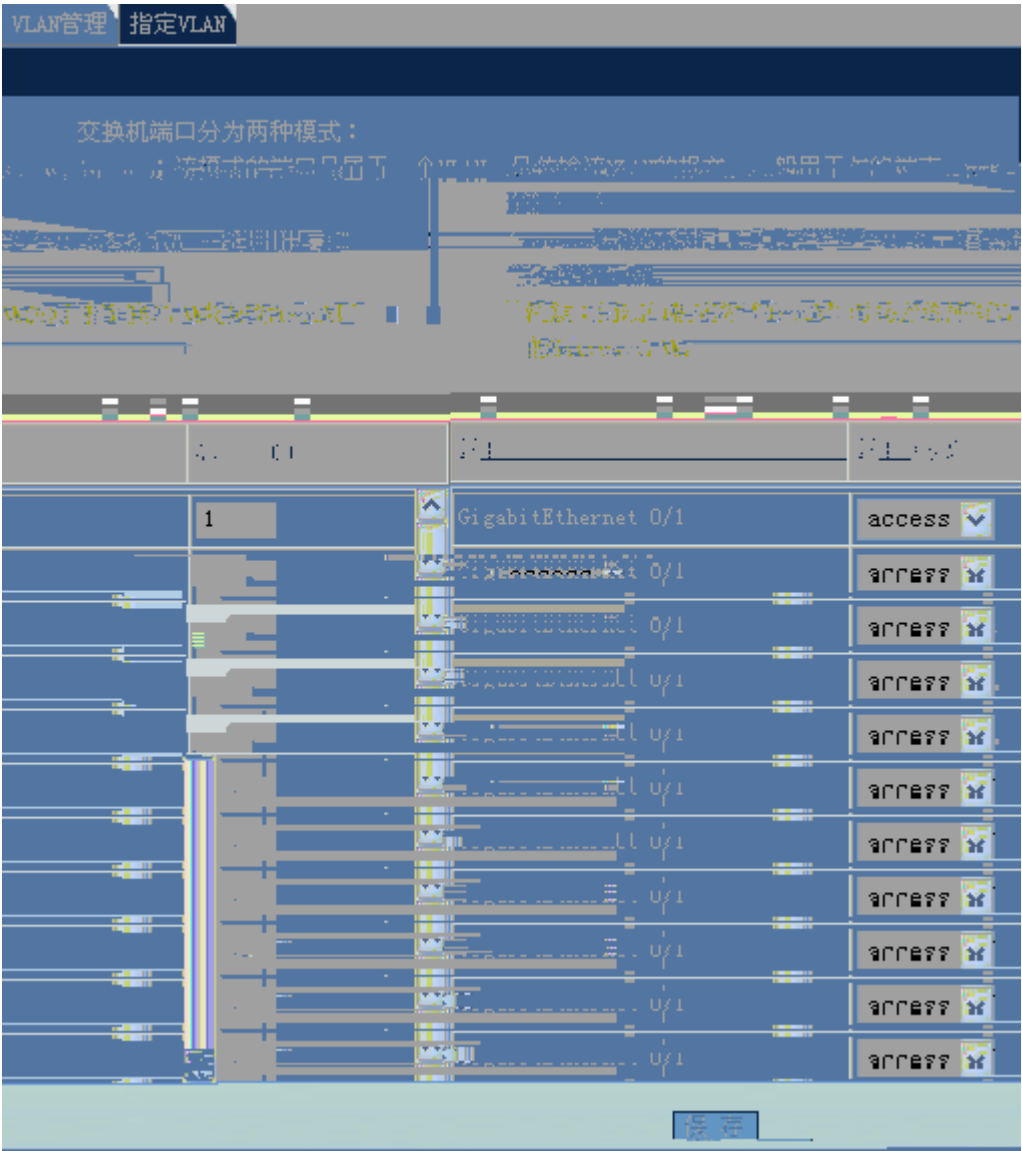
“ ”

1-8 VLAN



“ ”

VLAN

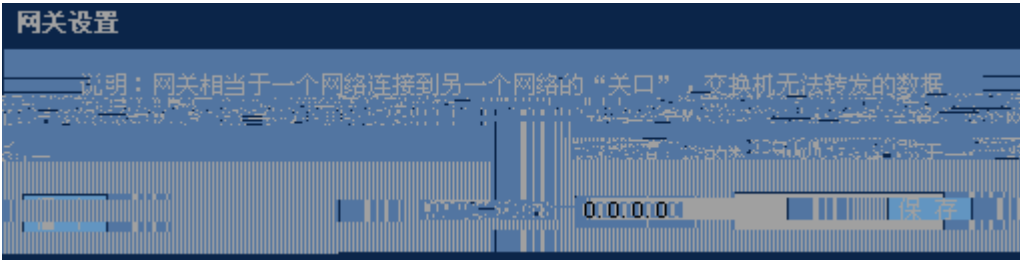


VLAN ID “ ”

1.5.3

“ ”

1-10



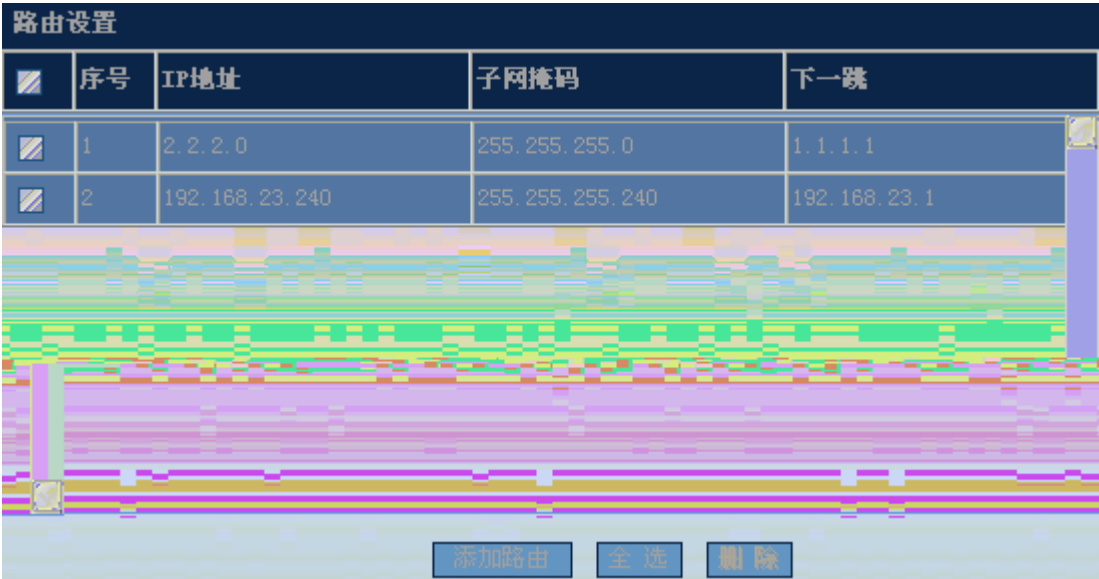
IP

IP “ ”

1.5.4

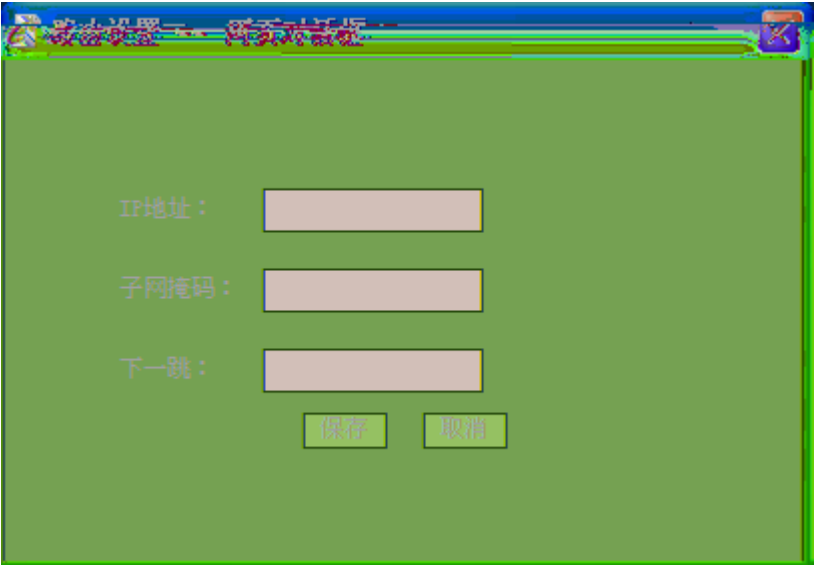
“ ”

1-11



“ ”

1-12



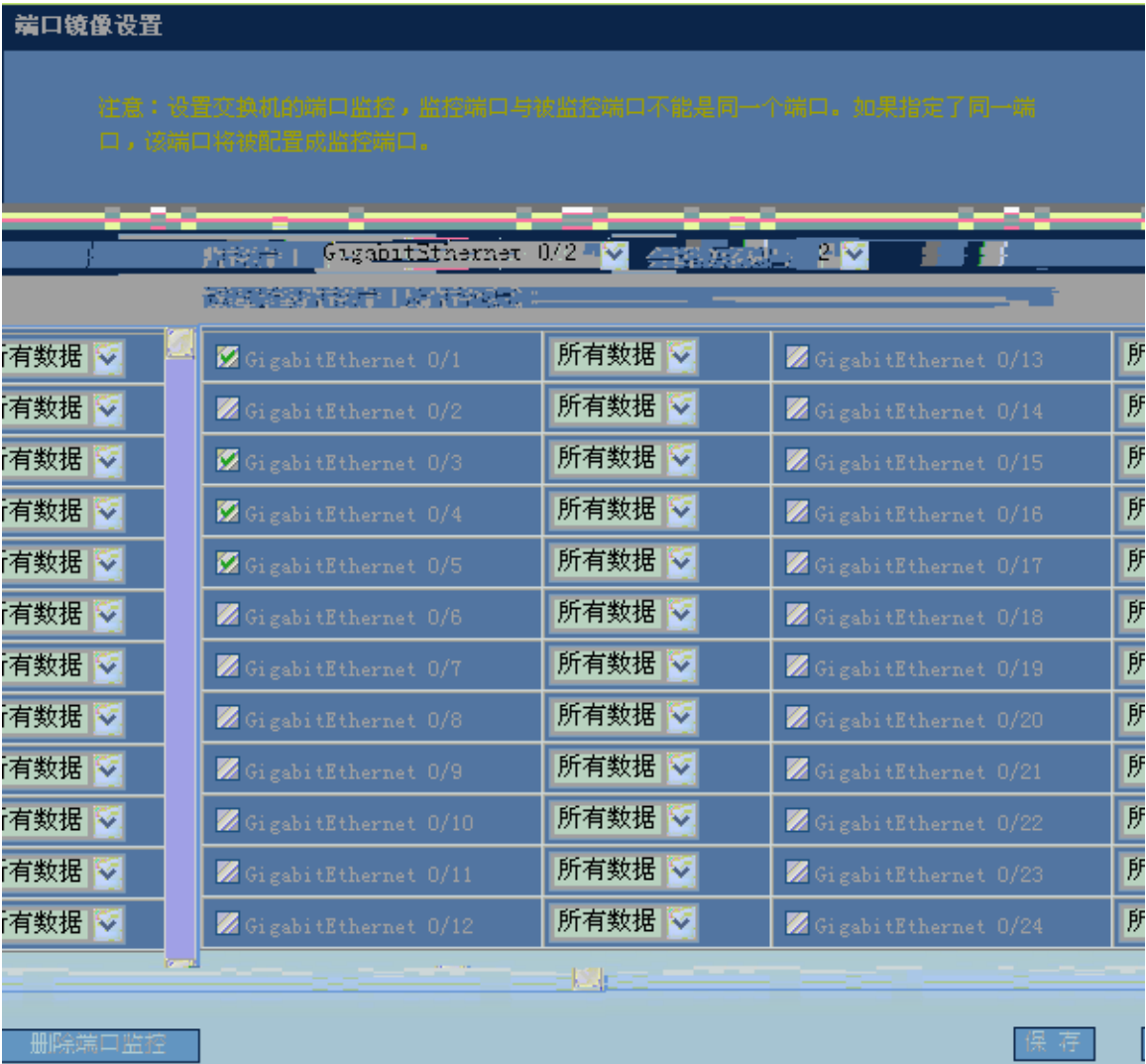
IP “ ”

“ ”

1.5.5

“ ”

1-13

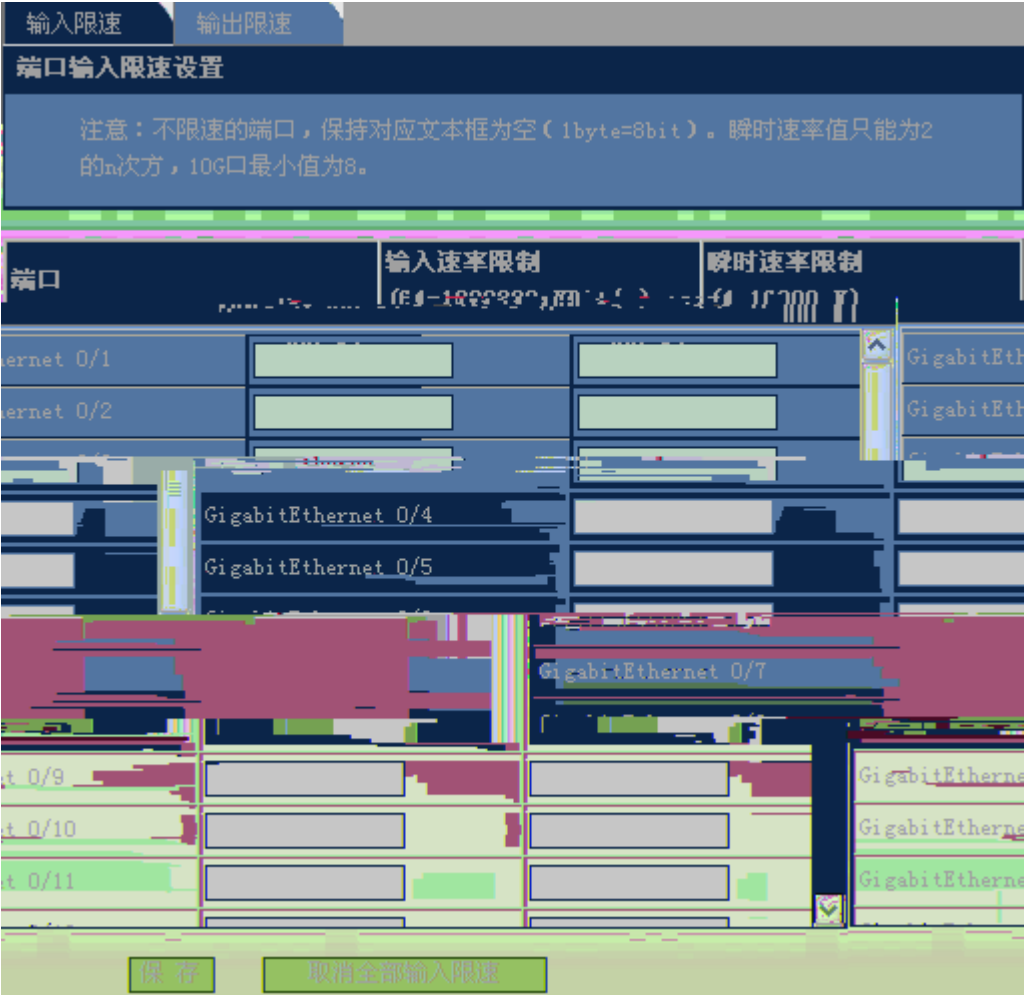


“ ”

“ ”

1.5.6

“ ”



2 n “ ” “ ”

输入限速

输出限速

端口输出限速设置

注意：不限速的端口，保持对应文本框为空（1byte=8bit）。瞬时速率值只能为2的n次方，10G口最小值为8。

端口	输出速率限制 (64-1000000 Kbit/s)	瞬时速率限制 (4-16380 K)
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		

保存

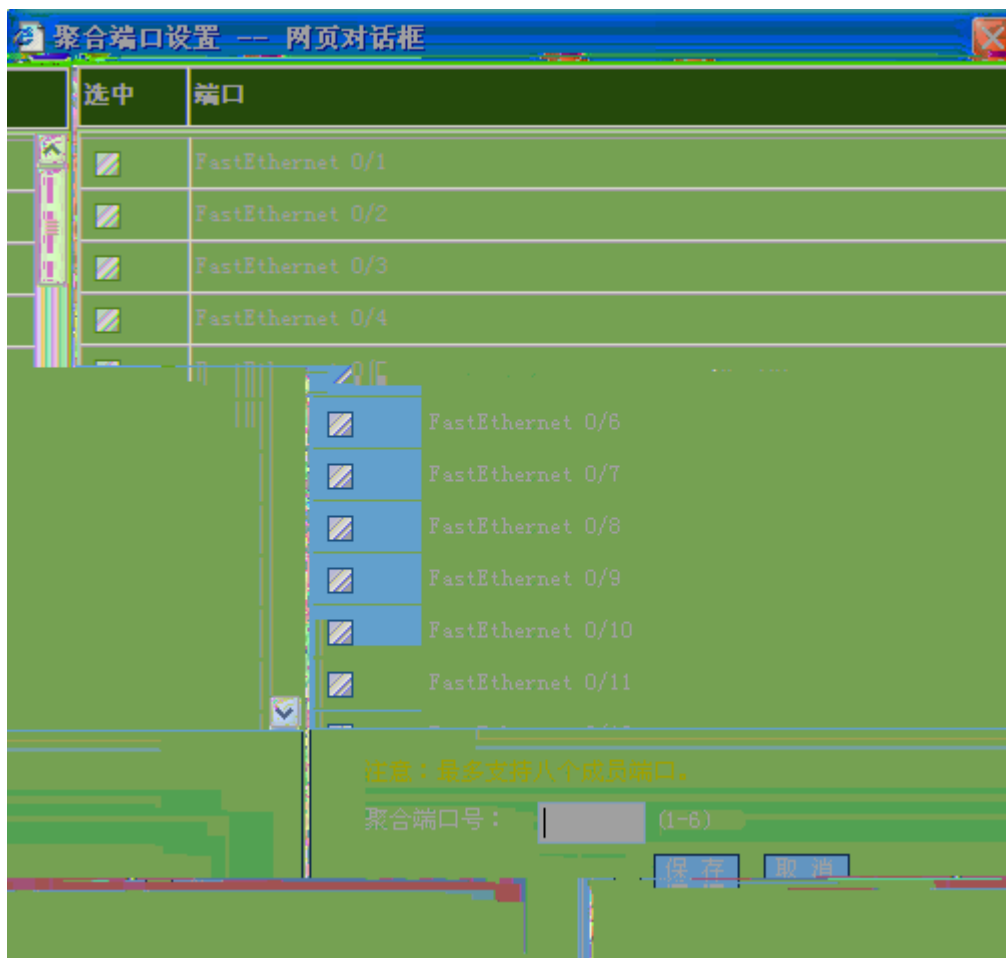
取消全部输出限速

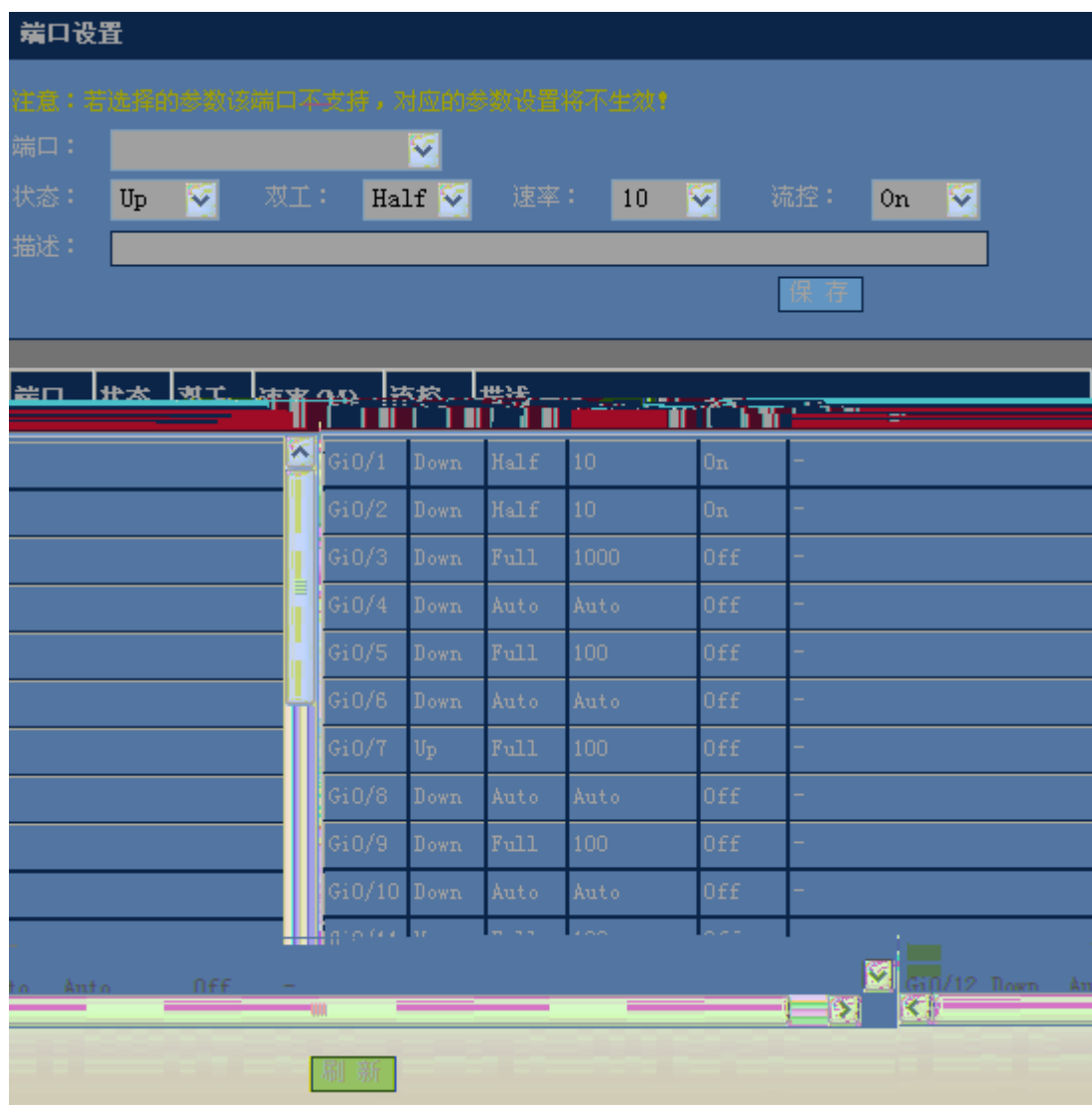
“ ”

“ ”

1.5.7

“ ”





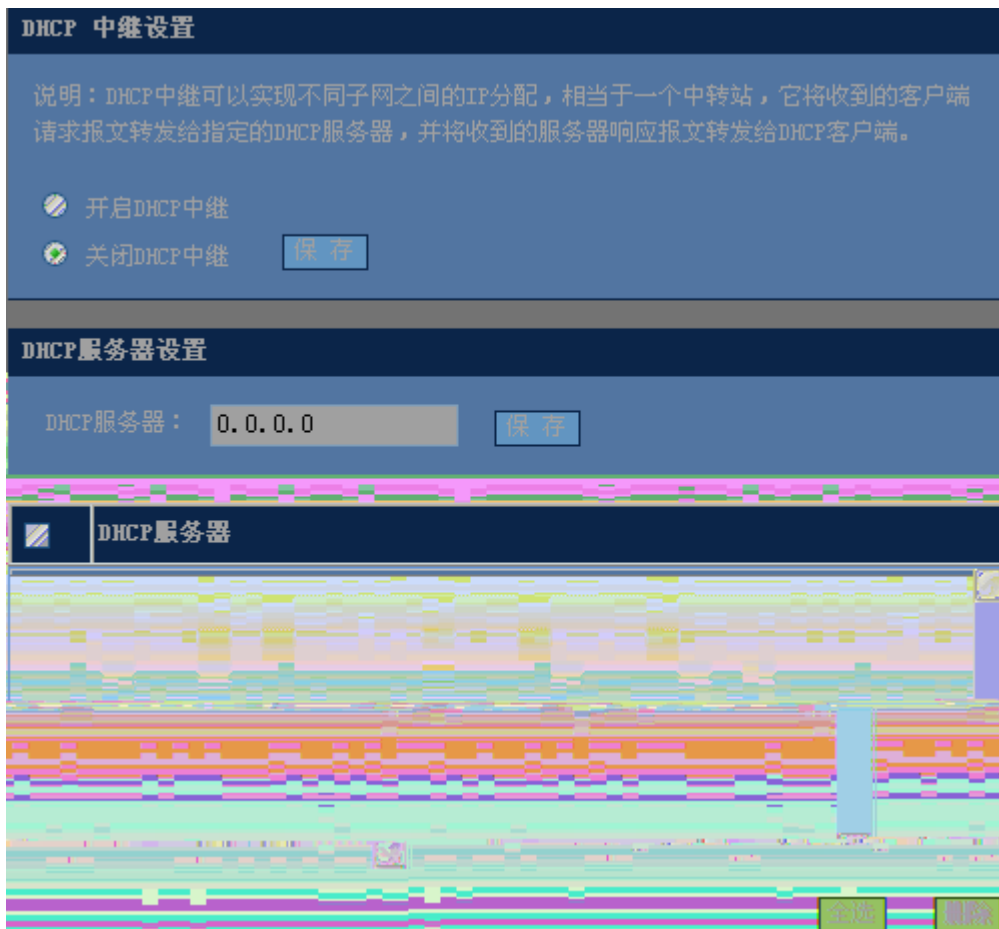
“ ”

1.5.9 DHCP

“ DHCP ”

DHCP

1-19 DHCP



/ DHCP

/ DHCP “ ”

DHCP

DHCP “ ”
“ ”

DHCP

1.5.10 IGMP Snooping

“ IGMP Snooping ”

IGMP Snooping

1-20 IGMP Snooping



IGMP Snooping “ ” ivgl
svgl ivgl-svgl svgl ivgl-svgl IP “ ”
IGMP Snooping “ ” “ ”

1.5.11 STP

“ STP ”
STP
1-21 STP



“ STP ” “ ”

STP

BPDUs

MSTP

“ ”

MSTP

MSTP MSTP
 -VLAN

VLAN

-VLAN

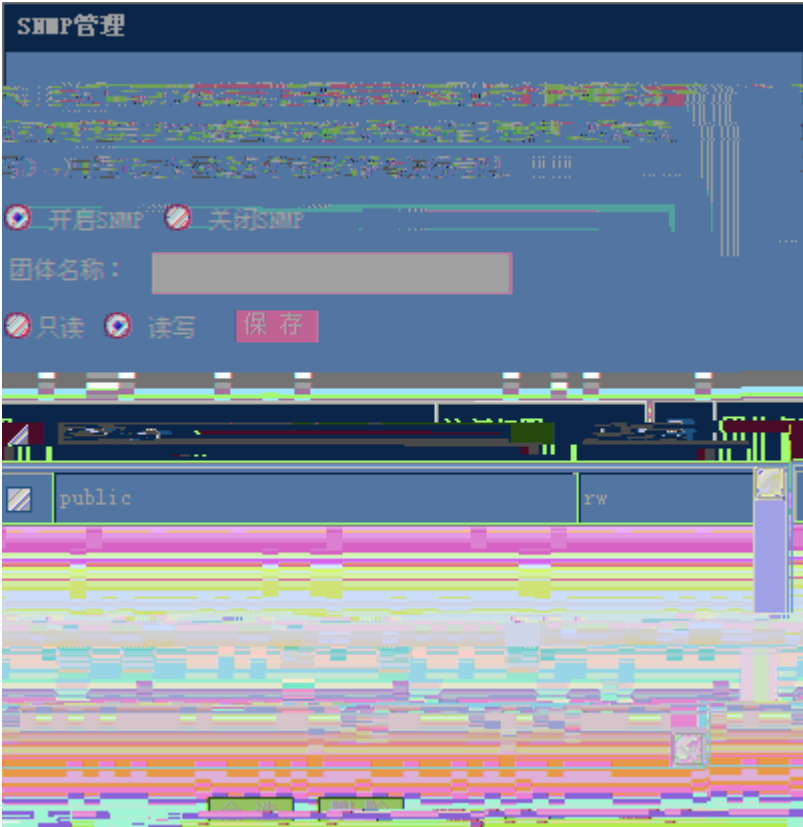
“ ”

1.5.12 SNMP

“SNMP”

SNMP

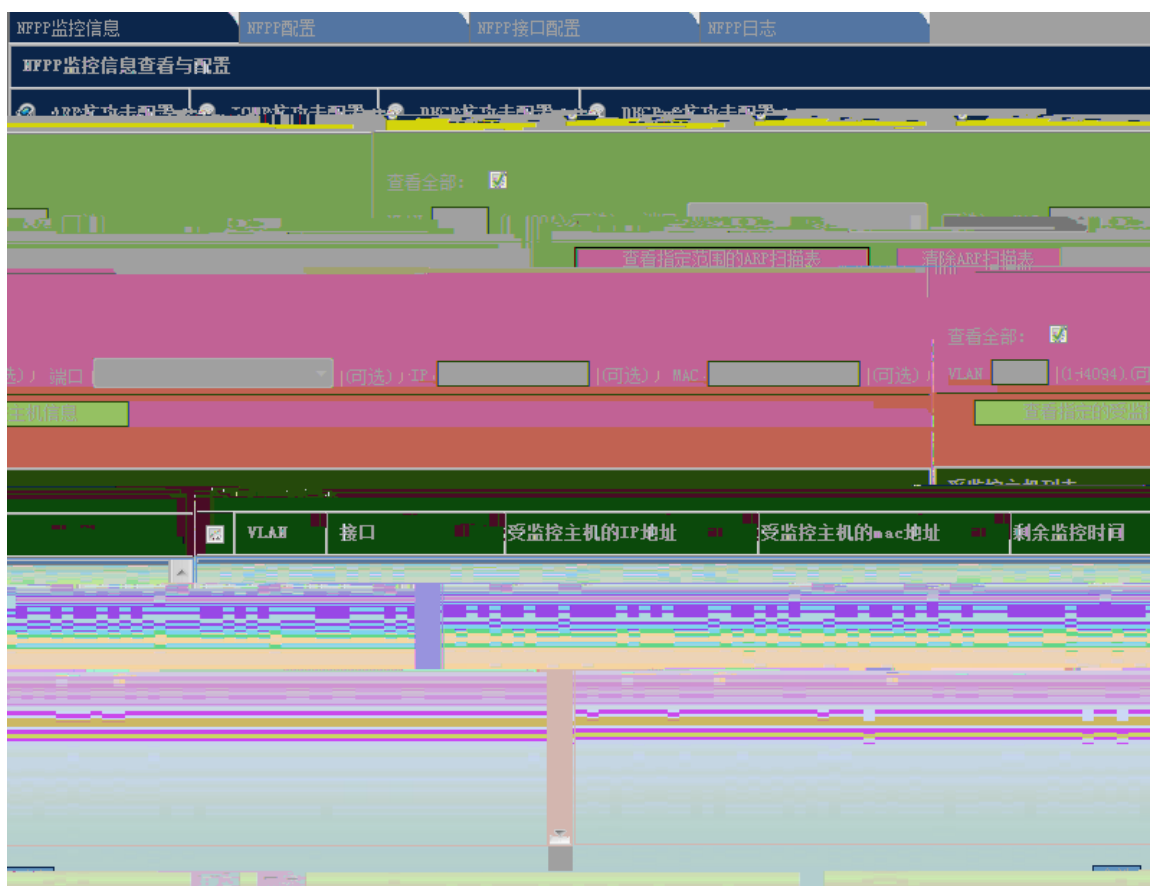
1-22 SNMP



“ SNMP ”
“ ”
SNMP “ ”
“ ”

1.5.13 NFPP

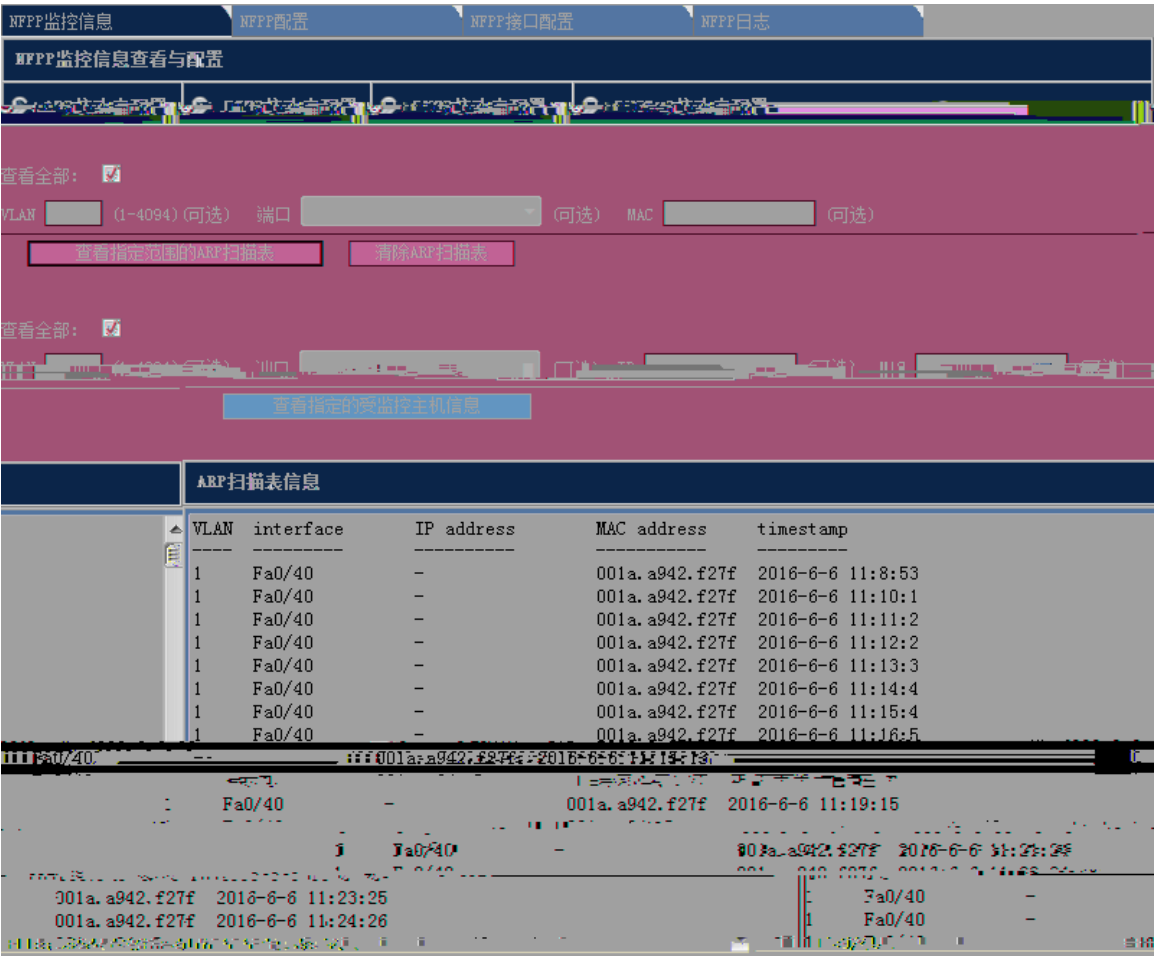
“ NFPP ”
NFPP
1-23 NFPP



NFPP

1) ARP

1-24 NFPP —ARP



ARP “ ARP ”

ARP “ ” ARP

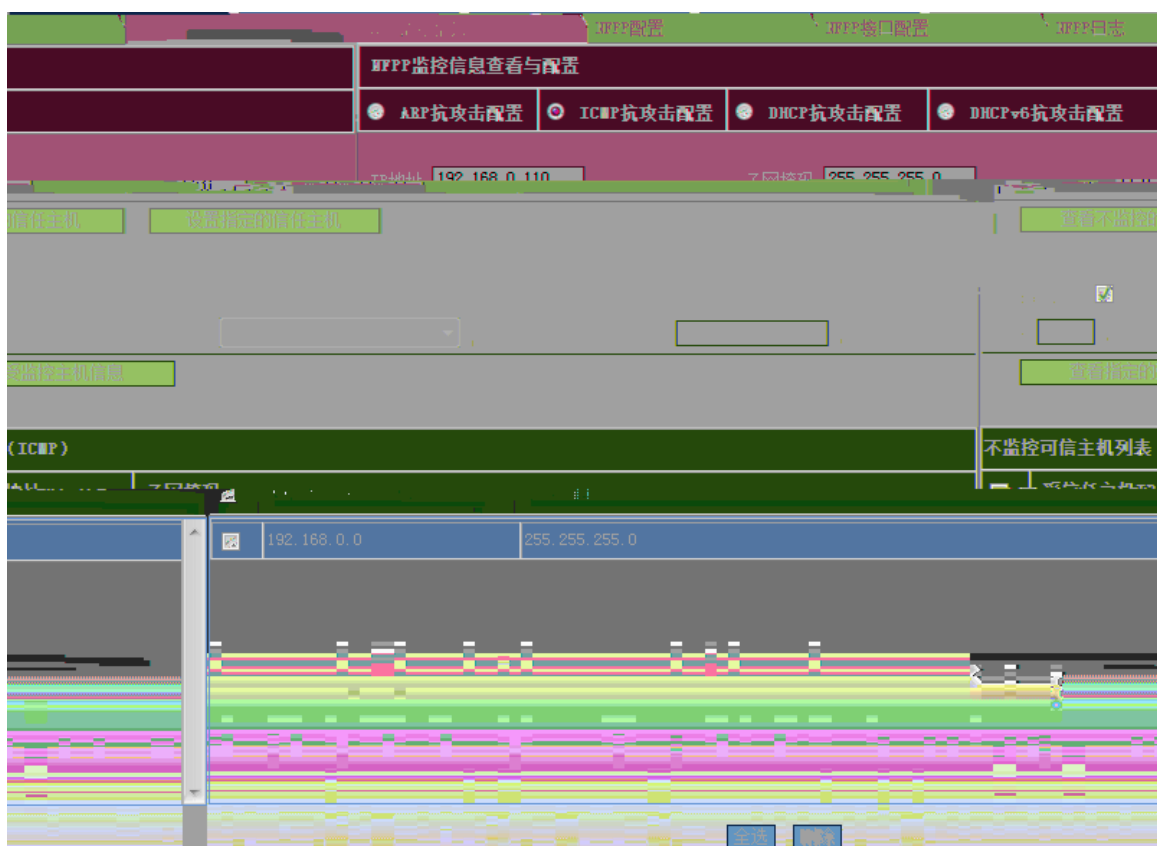
“ ARP ” ARP “ ”

“ ” “ ” “ ”

”

2) ICMP

1-25 NFPP —ICMP



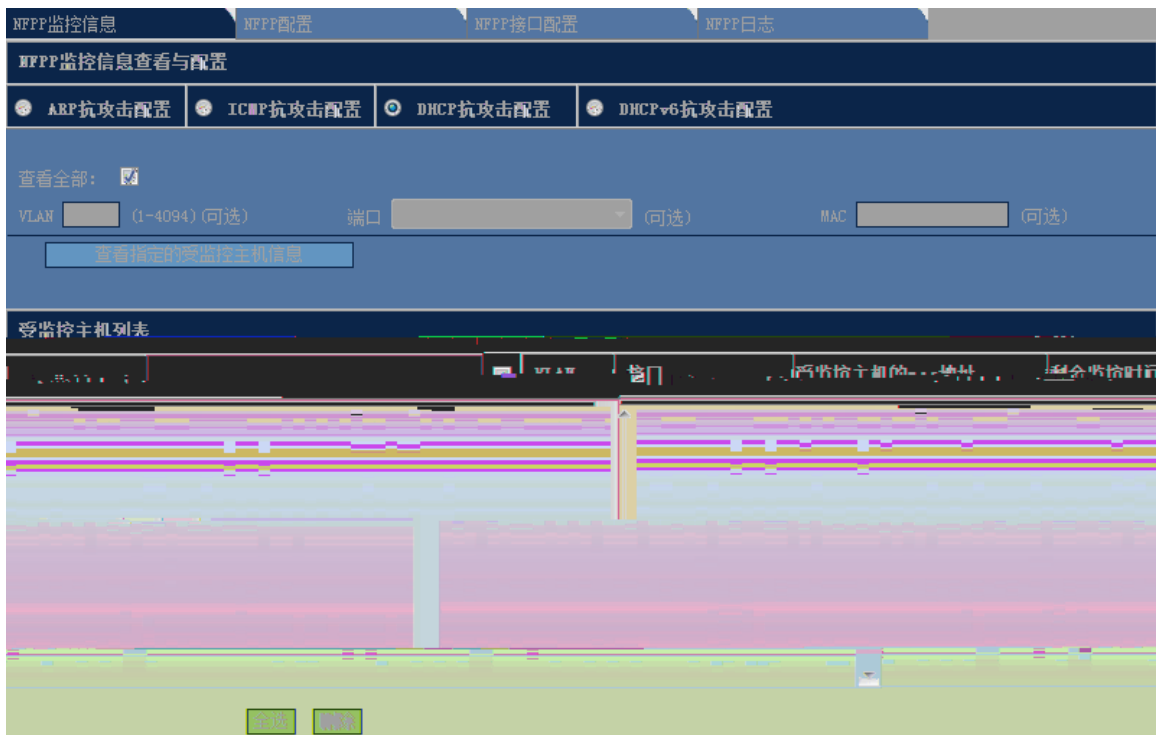
ICMP

IP

3) DHCP

1-26 NFPP

—DHCP



DHCP

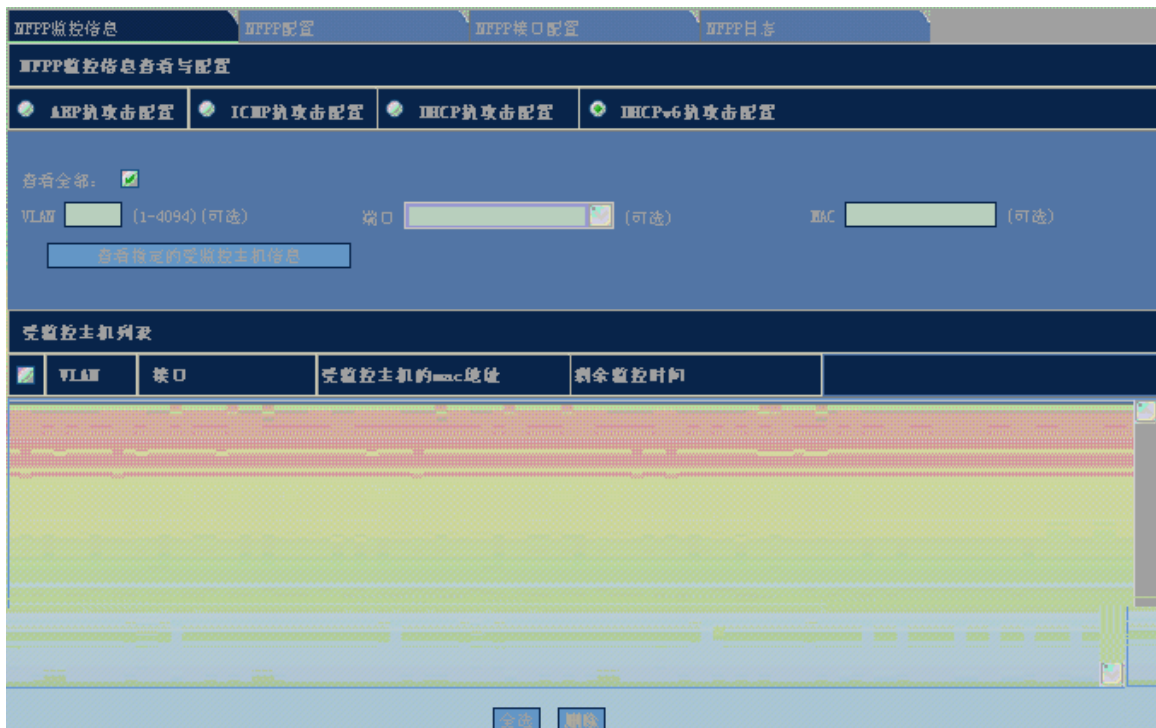
”

“

”

4) DHCPv6

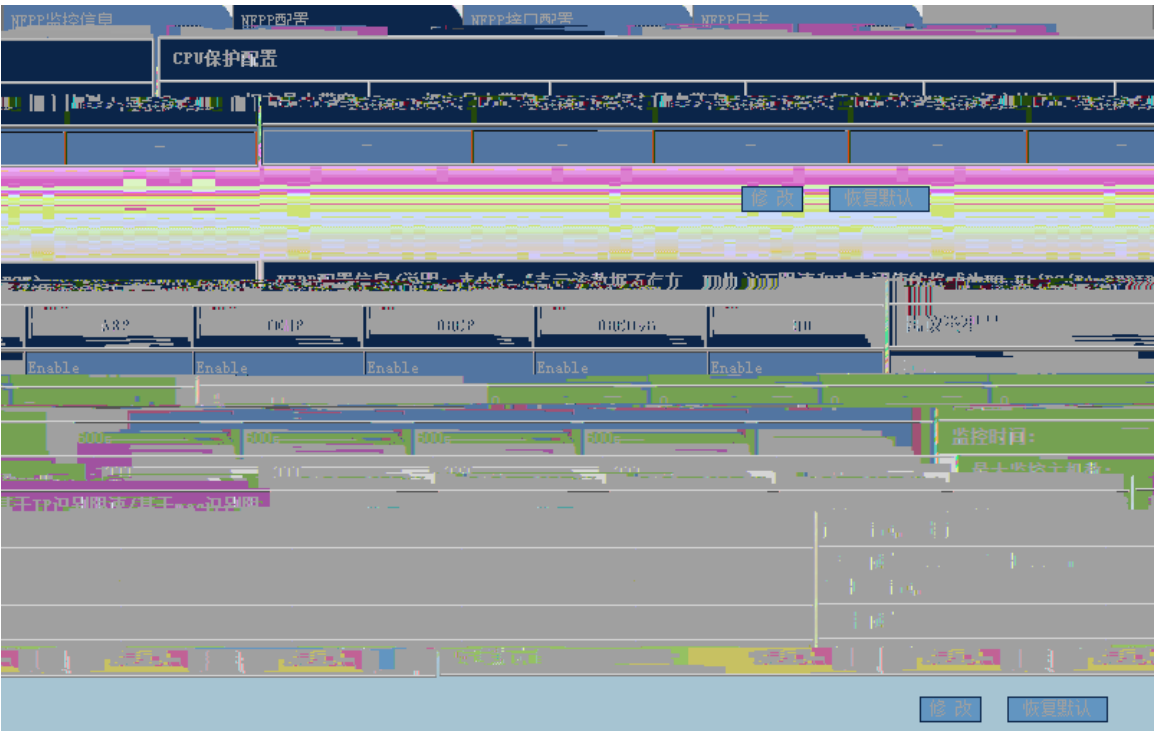
1-27 NFPP —DHCPv6



DHCPv6 “ ” “ ”

NFPP

1-28 NFPP



1) CPU

1-29 CPU



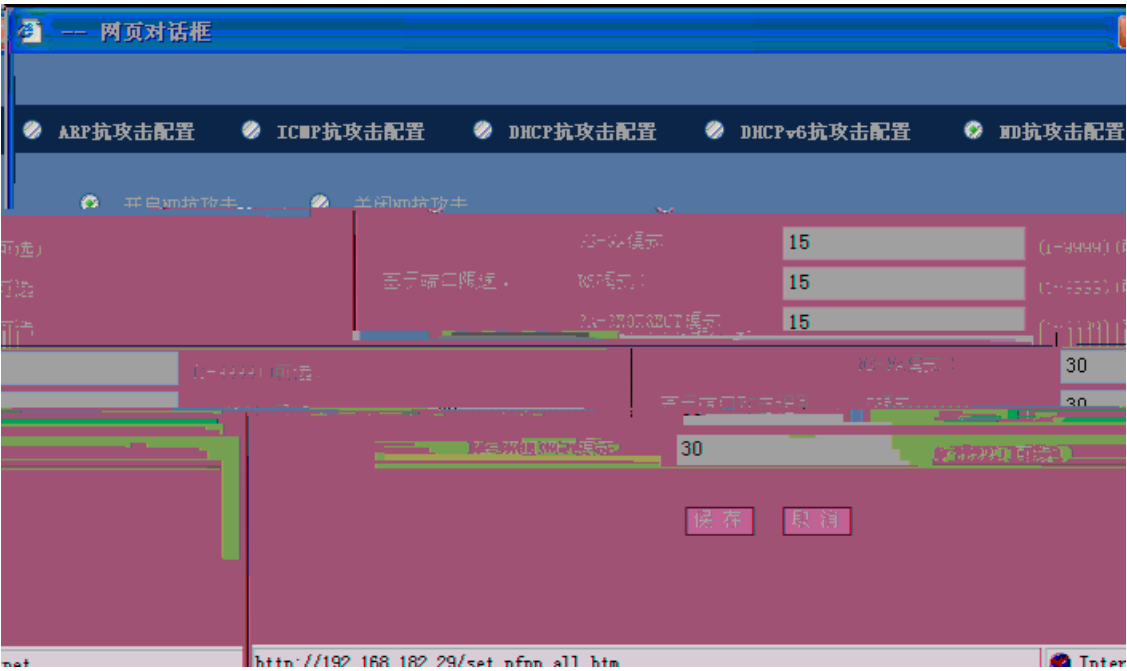
CPU

“ ”

“ ”

2) NFPP

1-30 NFPP



NFPP

“ ”

NFPP

“ ”

NFPP

“ ”

“ ”

NFPP

1) ARP

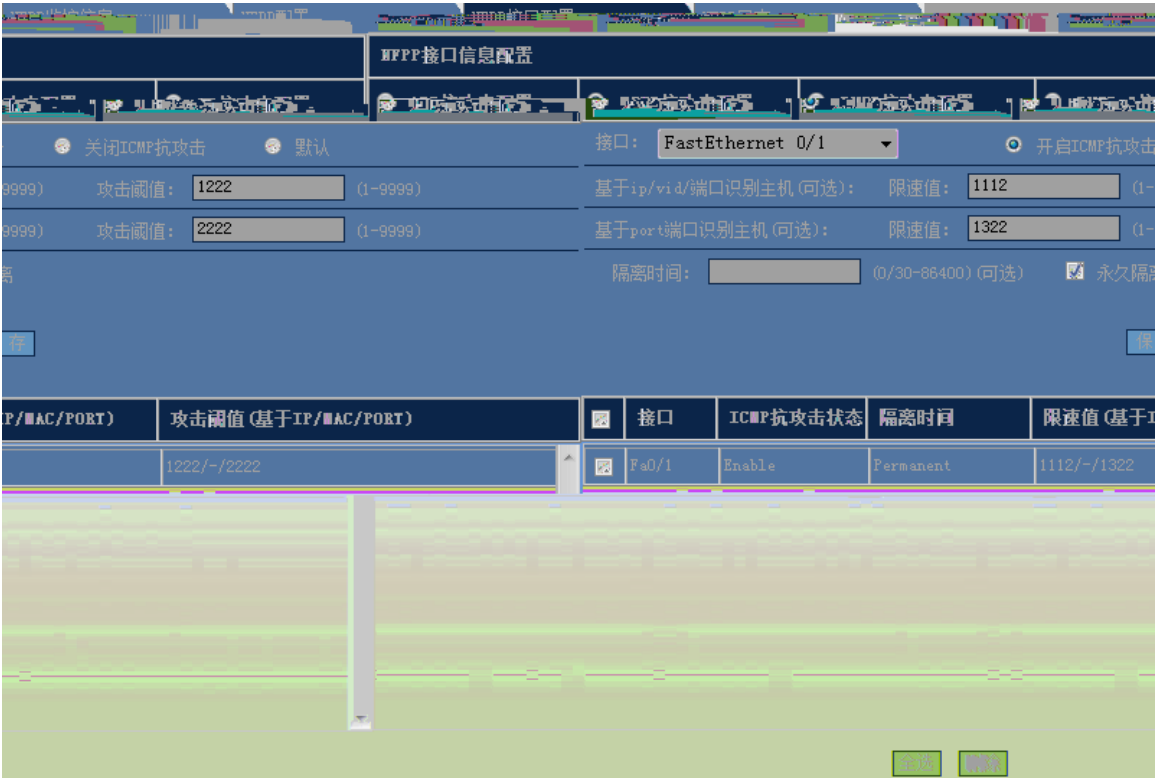
1-31 NFPP —NFPP ARP



ARP NFPP “ ”

2) ICMP

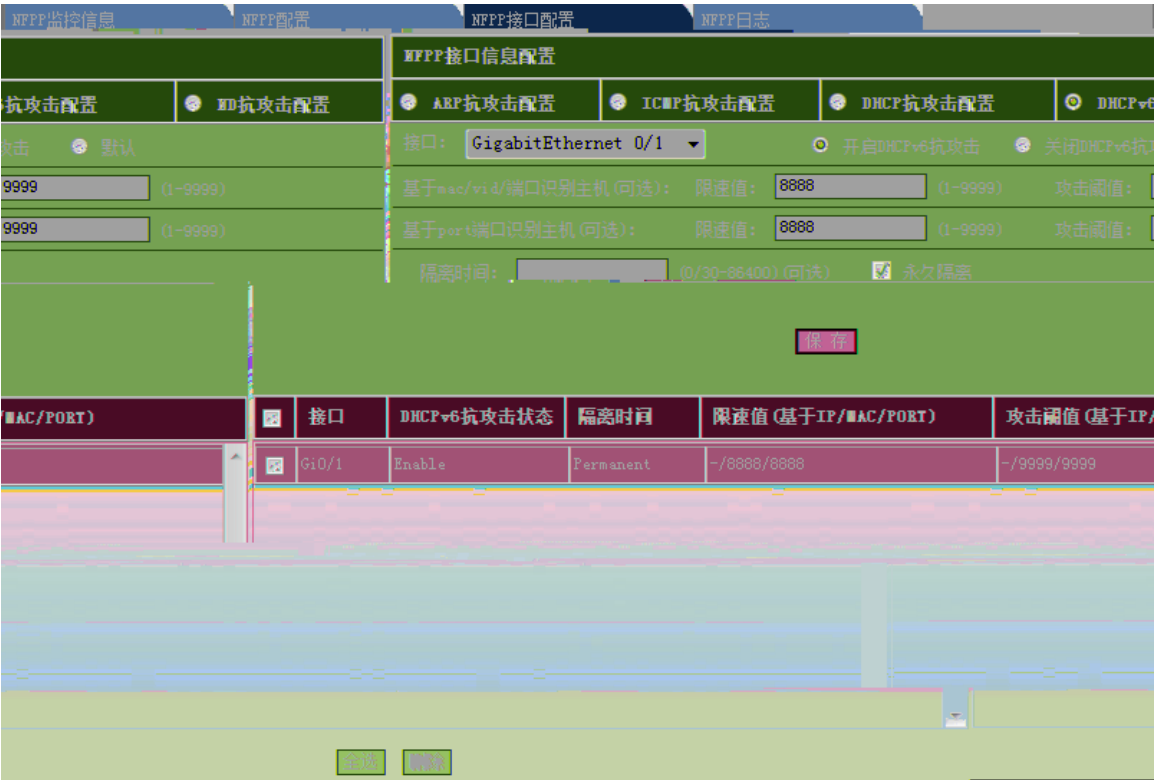
1-32 NFPP —NFPP ICMP



ICMP NFPP “ ”

3) DHCP

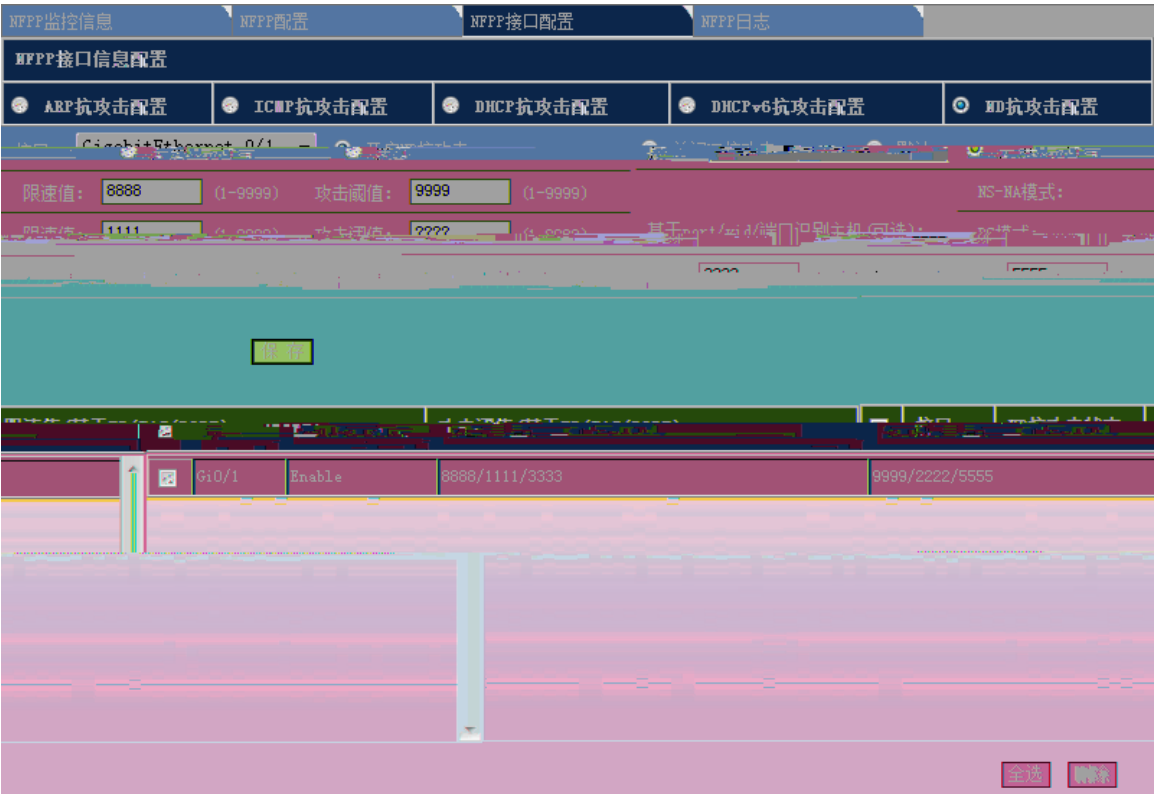
1-33 NFPP —NFPP DHCP



DHCPv6 NFPP “ ”

5) ND

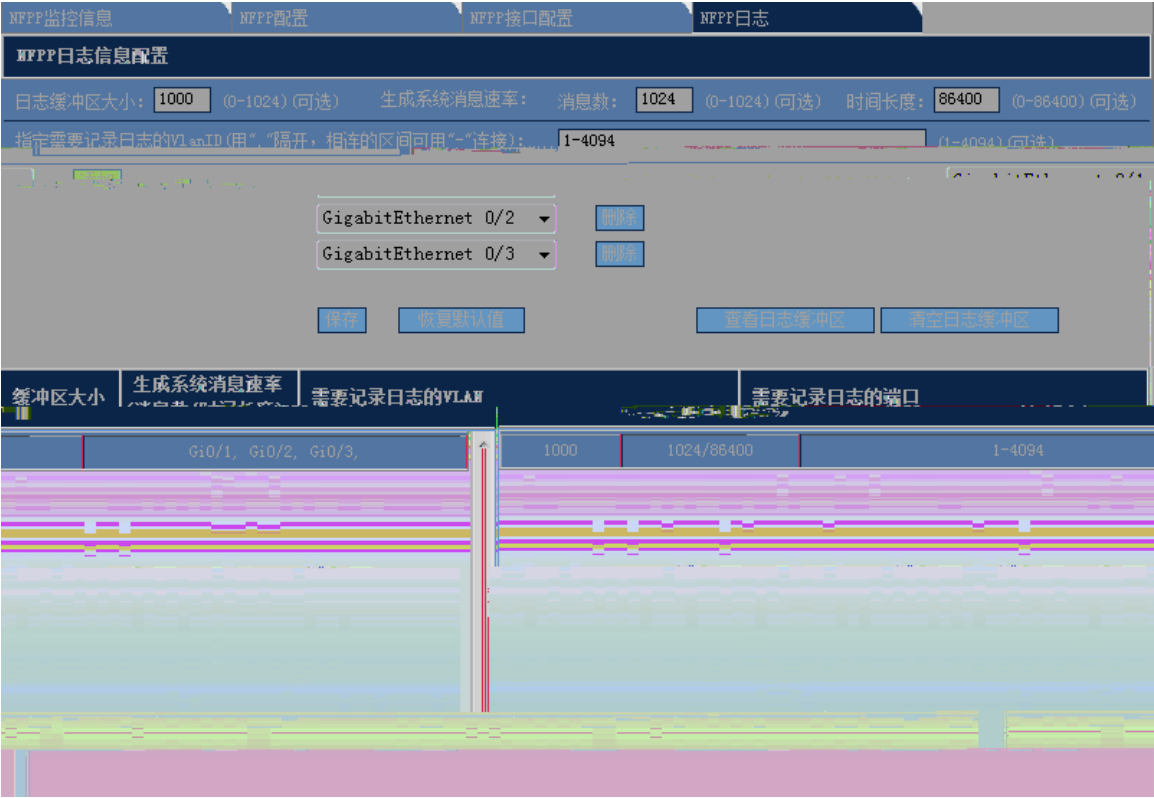
1-35 NFPP —NFPP ND



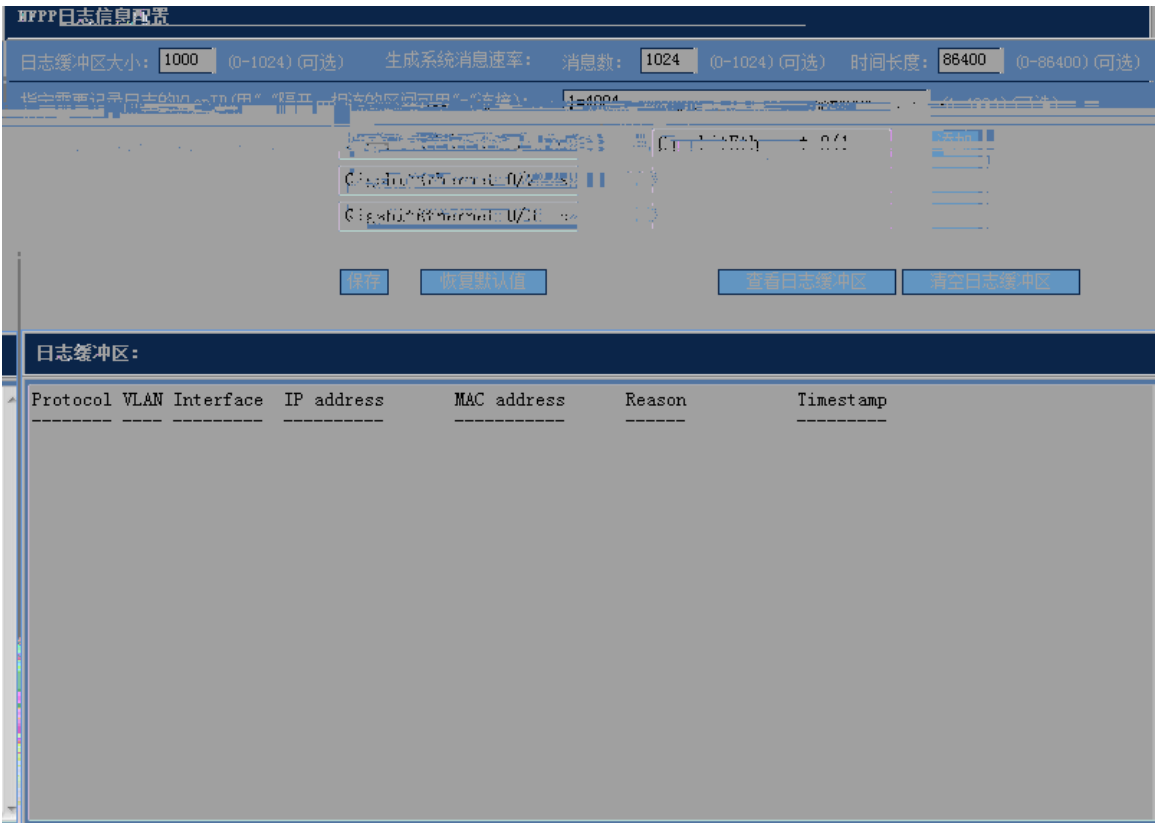
ND NFPP “ ”

NFPP

1-36 NFPP



NFPP “ ” “ ” “ ”



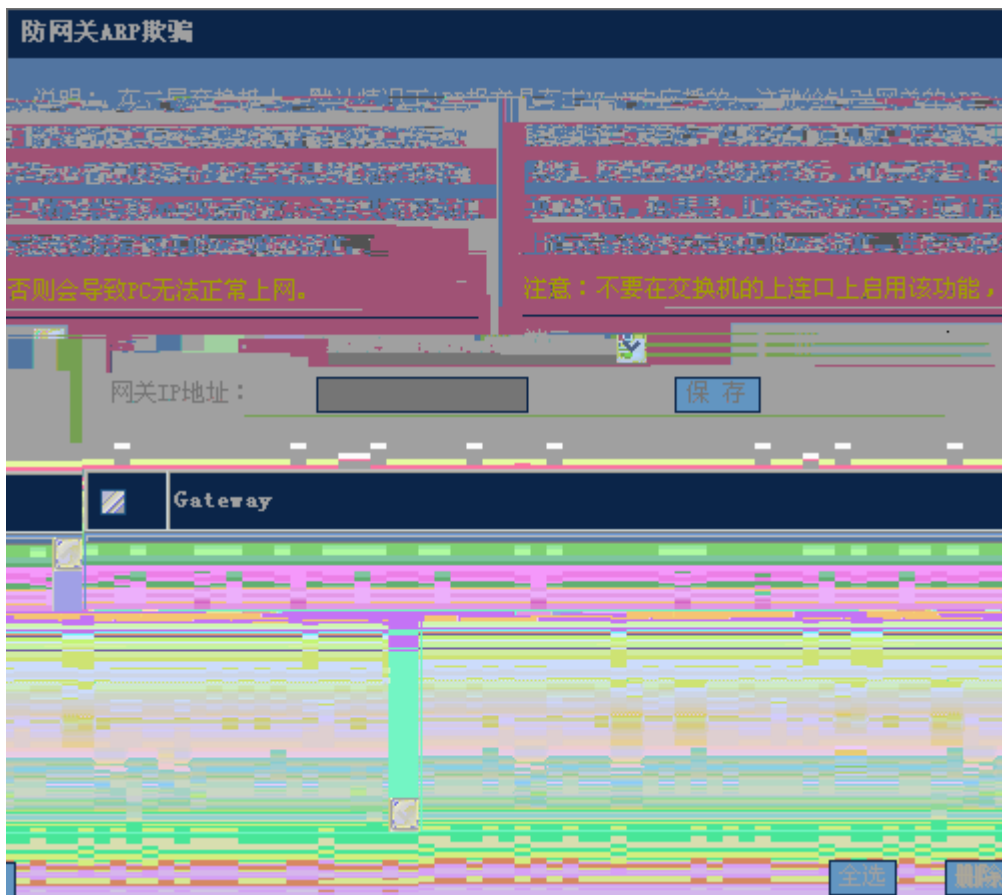
1.6

1.6.1 ARP

“ ARP ”

ARP

1-38 ARP



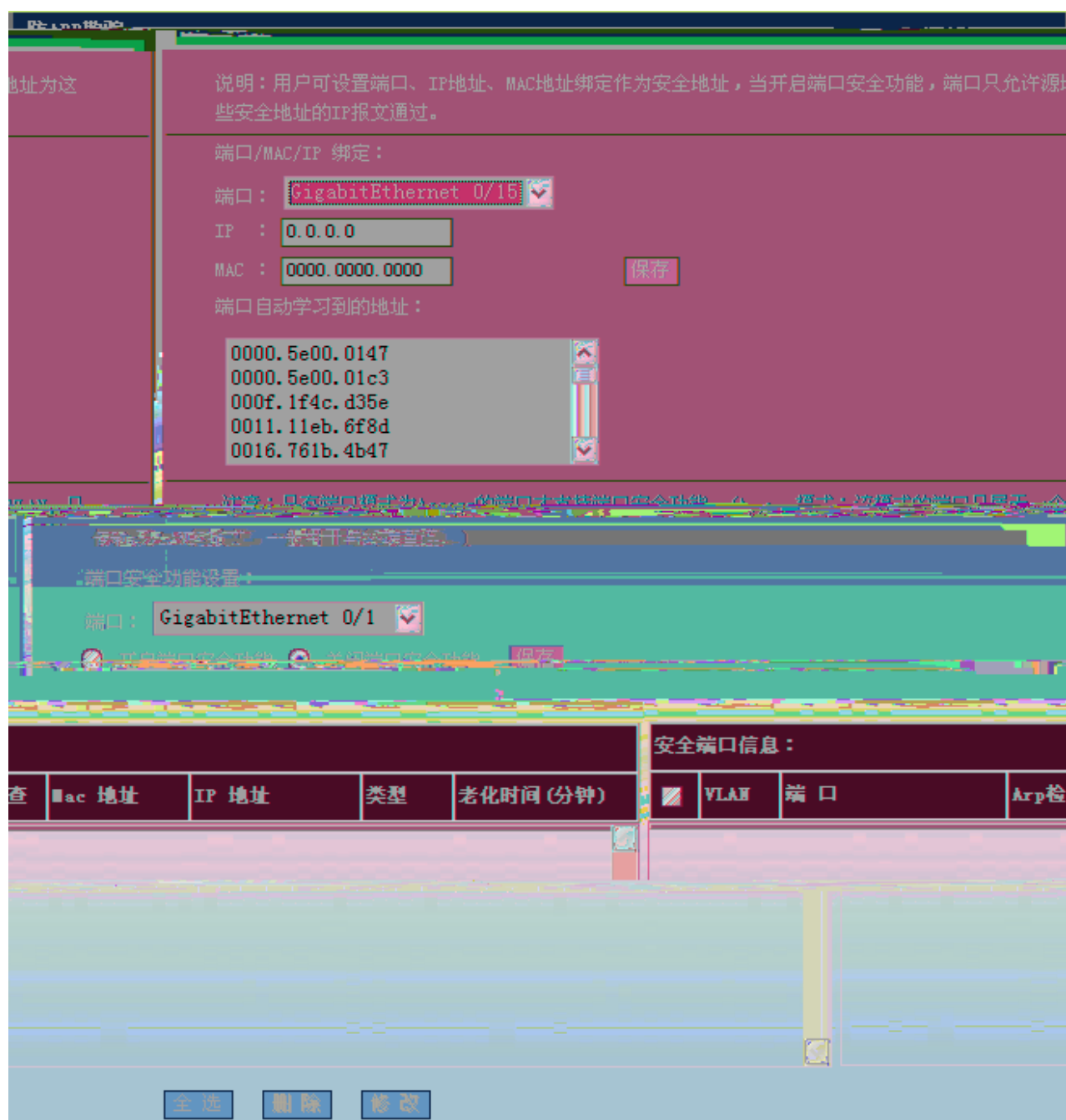
“ ”

1.6.2 ARP

“ ARP ”

ARP

1-39 ARP



/ MAC/IP

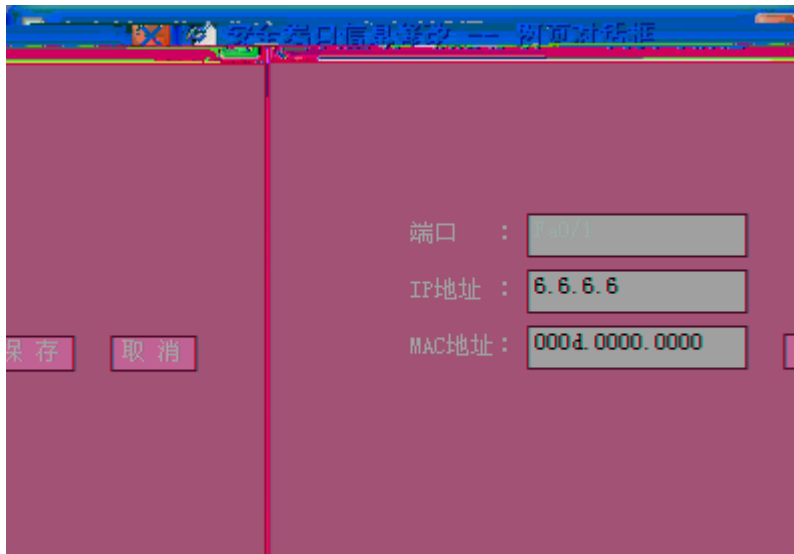
/MAC/IP

IP	MAC	“	”
192.168.1.1	08:00:27:12:34:56	1	1
192.168.1.2	08:00:27:12:34:57	1	1
192.168.1.3	08:00:27:12:34:58	1	1
192.168.1.4	08:00:27:12:34:59	1	1
192.168.1.5	08:00:27:12:34:5A	1	1
192.168.1.6	08:00:27:12:34:5B	1	1
192.168.1.7	08:00:27:12:34:5C	1	1
192.168.1.8	08:00:27:12:34:5D	1	1
192.168.1.9	08:00:27:12:34:5E	1	1
192.168.1.10	08:00:27:12:34:5F	1	1
192.168.1.11	08:00:27:12:34:60	1	1
192.168.1.12	08:00:27:12:34:61	1	1
192.168.1.13	08:00:27:12:34:62	1	1
192.168.1.14	08:00:27:12:34:63	1	1
192.168.1.15	08:00:27:12:34:64	1	1
192.168.1.16	08:00:27:12:34:65	1	1
192.168.1.17	08:00:27:12:34:66	1	1
192.168.1.18	08:00:27:12:34:67	1	1
192.168.1.19	08:00:27:12:34:68	1	1
192.168.1.20	08:00:27:12:34:69	1	1
192.168.1.21	08:00:27:12:34:6A	1	1
192.168.1.22	08:00:27:12:34:6B	1	1
192.168.1.23	08:00:27:12:34:6C	1	1
192.168.1.24	08:00:27:12:34:6D	1	1
192.168.1.25	08:00:27:12:34:6E	1	1
192.168.1.26	08:00:27:12:34:6F	1	1
192.168.1.27	08:00:27:12:34:70	1	1
192.168.1.28	08:00:27:12:34:71	1	1
192.168.1.29	08:00:27:12:34:72	1	1
192.168.1.30	08:00:27:12:34:73	1	1
192.168.1.31	08:00:27:12:34:74	1	1
192.168.1.32	08:00:27:12:34:75	1	1
192.168.1.33	08:00:27:12:34:76	1	1
192.168.1.34	08:00:27:12:34:77	1	1
192.168.1.35	08:00:27:12:34:78	1	1
192.168.1.36	08:00:27:12:34:79	1	1
192.168.1.37	08:00:27:12:34:7A	1	1
192.168.1.38	08:00:27:12:34:7B	1	1
192.168.1.39	08:00:27:12:34:7C	1	1
192.168.1.40	08:00:27:12:34:7D	1	1
192.168.1.41	08:00:27:12:34:7E	1	1
192.168.1.42	08:00:27:12:34:7F	1	1
192.168.1.43	08:00:27:12:34:80	1	1
192.168.1.44	08:00:27:12:34:81	1	1
192.168.1.45	08:00:27:12:34:82	1	1
192.168.1.46	08:00:27:12:34:83	1	1
192.168.1.47	08:00:27:12:34:84	1	1
192.168.1.48	08:00:27:12:34:85	1	1
192.168.1.49	08:00:27:12:34:86	1	1
192.168.1.50	08:00:27:12:34:87	1	1
192.168.1.51	08:00:27:12:34:88	1	1
192.168.1.52	08:00:27:12:34:89	1	1
192.168.1.53	08:00:27:12:34:8A	1	1
192.168.1.54	08:00:27:12:34:8B	1	1
192.168.1.55	08:00:27:12:34:8C	1	1
192.168.1.56	08:00:27:12:34:8D	1	1
192.168.1.57	08:00:27:12:34:8E	1	1
192.168.1.58	08:00:27:12:34:8F	1	1
192.168.1.59	08:00:27:12:34:90	1	1
192.168.1.60	08:00:27:12:34:91	1	1
192.168.1.61	08:00:27:12:34:92	1	1
192.168.1.62	08:00:27:12:34:93	1	1
192.168.1.63	08:00:27:12:34:94	1	1
192.168.1.64	08:00:27:12:34:95	1	1
192.168.1.65	08:00:27:12:34:96	1	1
192.168.1.66	0		

MAC

“ ”

1-40



“ ”

1.6.3 ARP

“ ARP ”

ARP

1-41 ARP



“ ARP ”

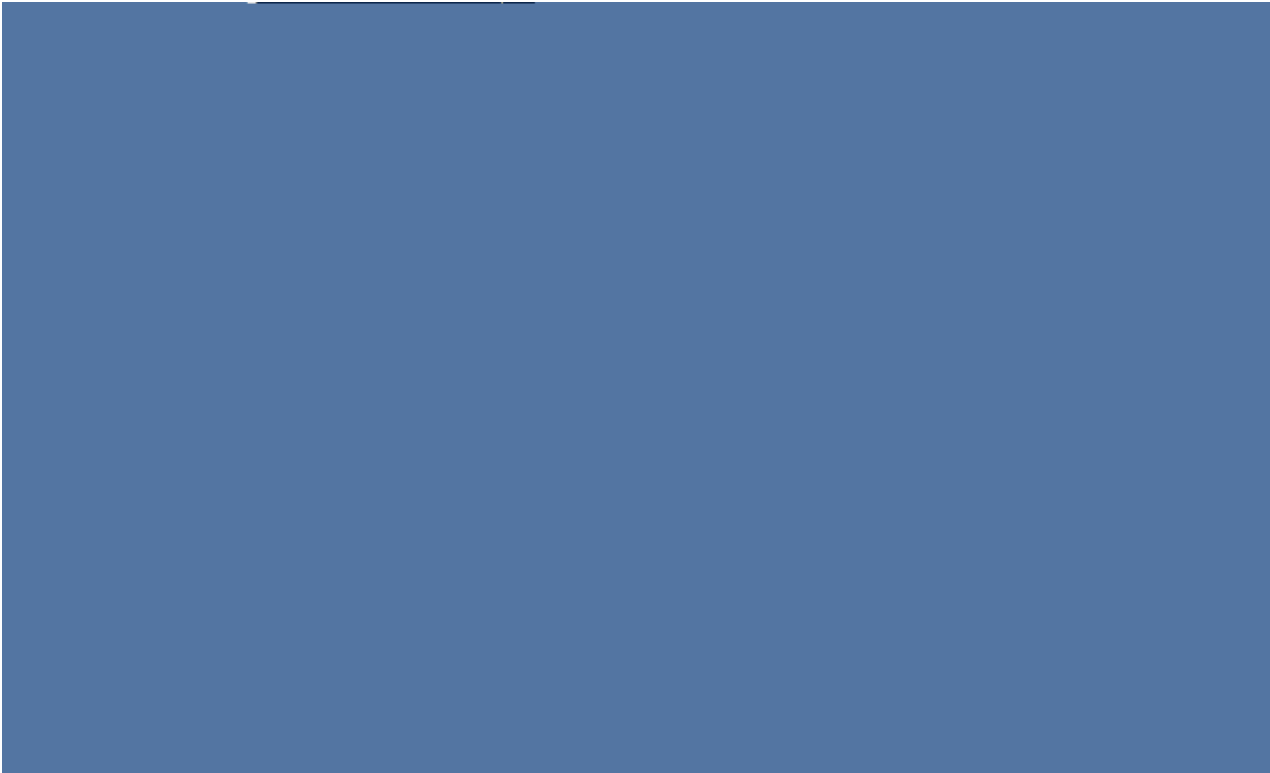
“ ARP ”

1.6.4 ACL

“ ACL ”

ACL

1-42 ACL



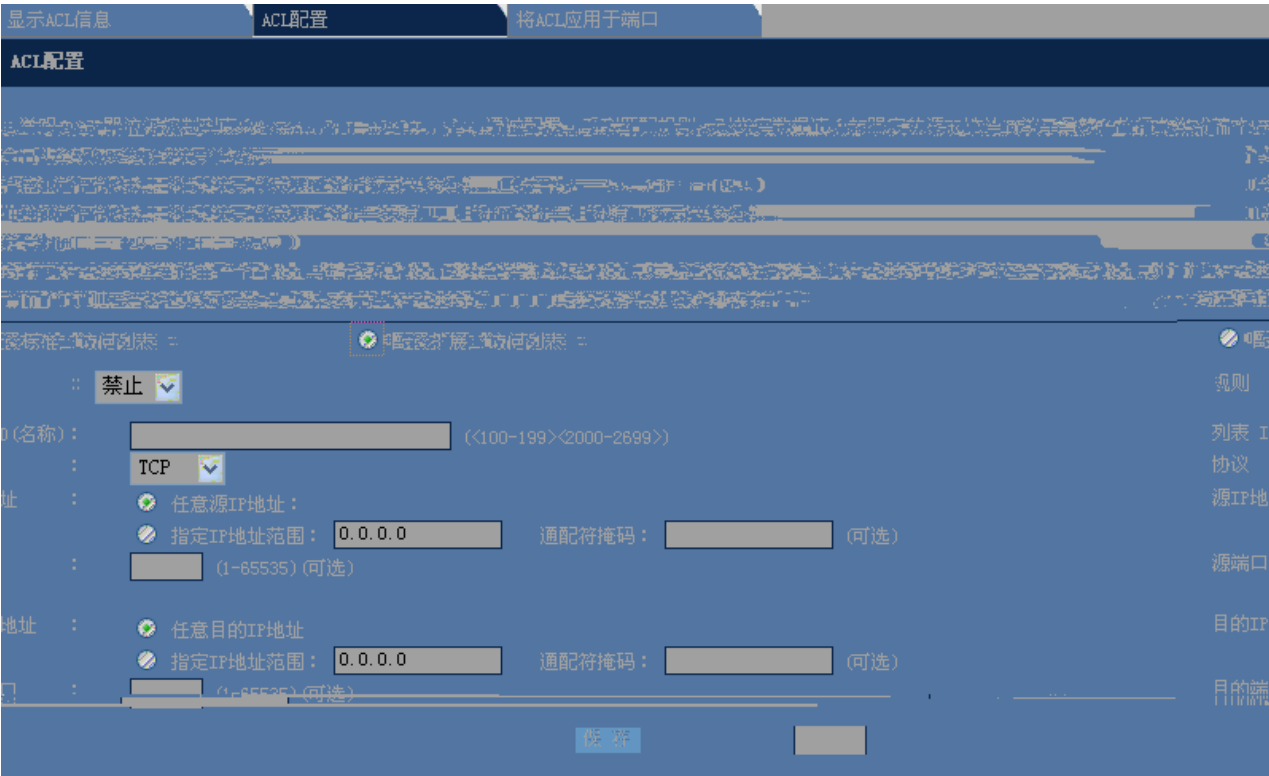
“ ” “ ”

ID

IP IP , IP “ ”

IP “ IP ” IP

1-44 IP



ID

TCP UDP IP ICMP

IP

IP

IP

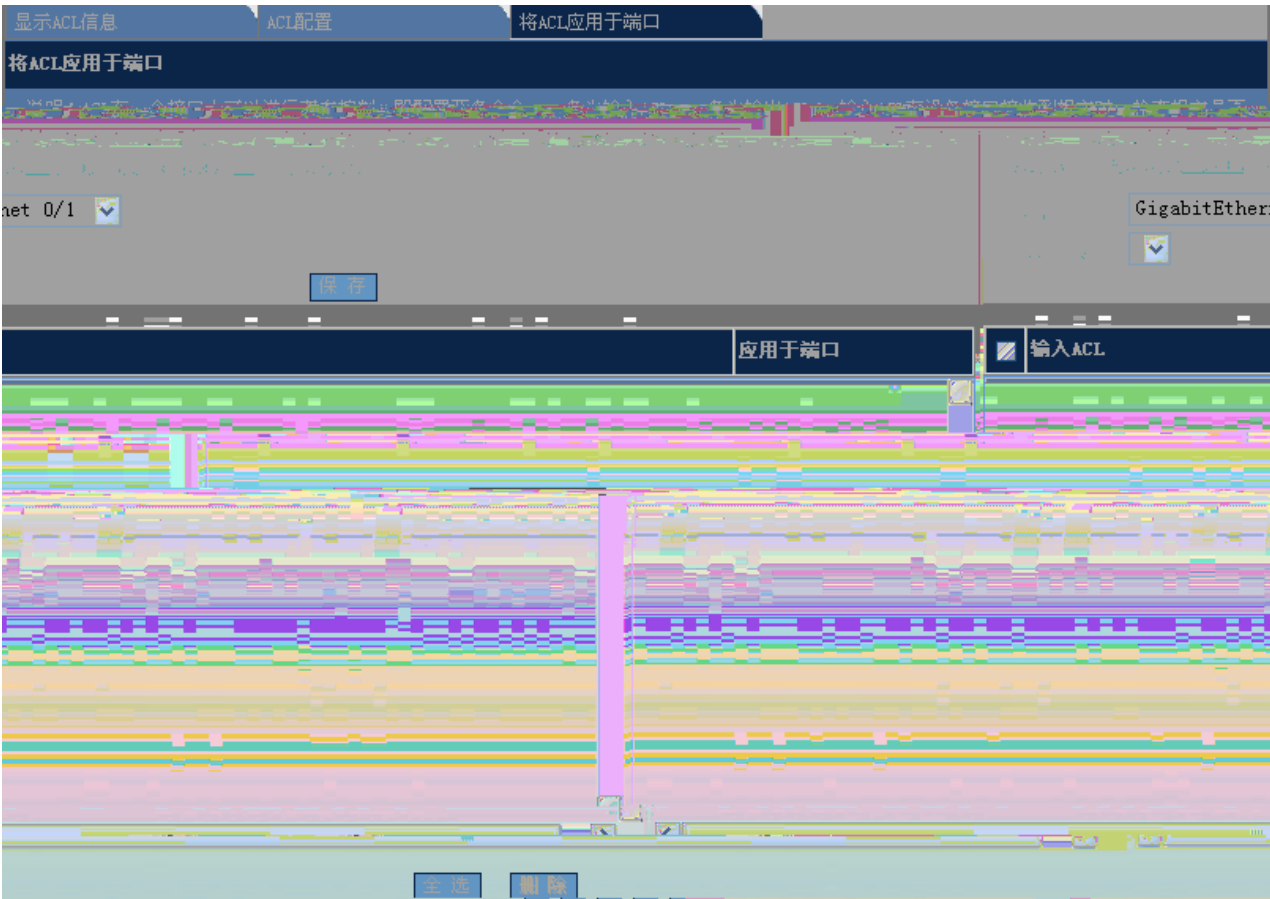
IP

IP

IP

ACL

1-45 ACL



ACL

ACL

“ ”

“ ”



PC

ACL

PC

WEB

1.6.5 IP Source Guard

IP Source Guard

IP Source Guard

IP

[VLAN MAC IP PORT]

IP Source Guard

DHCP Snooping

DHCP Snooping

IP

IP Source Guard

DHCP IP

0 5%

IP Source Guard

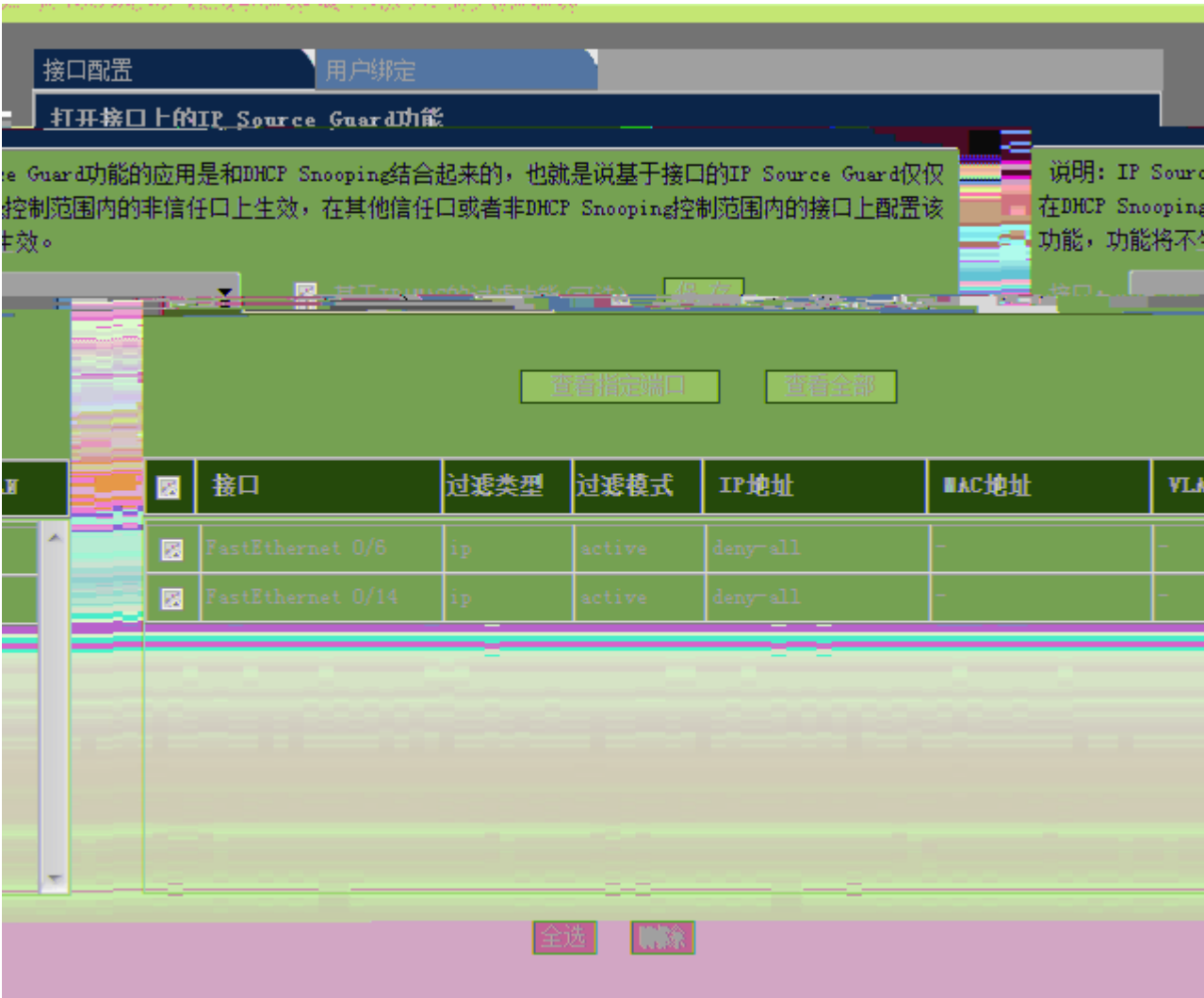
DHCP Snooping

DHCP Snooping

“ IP Source Guard ”

IP Source Guard

1-46 IP Source Guard



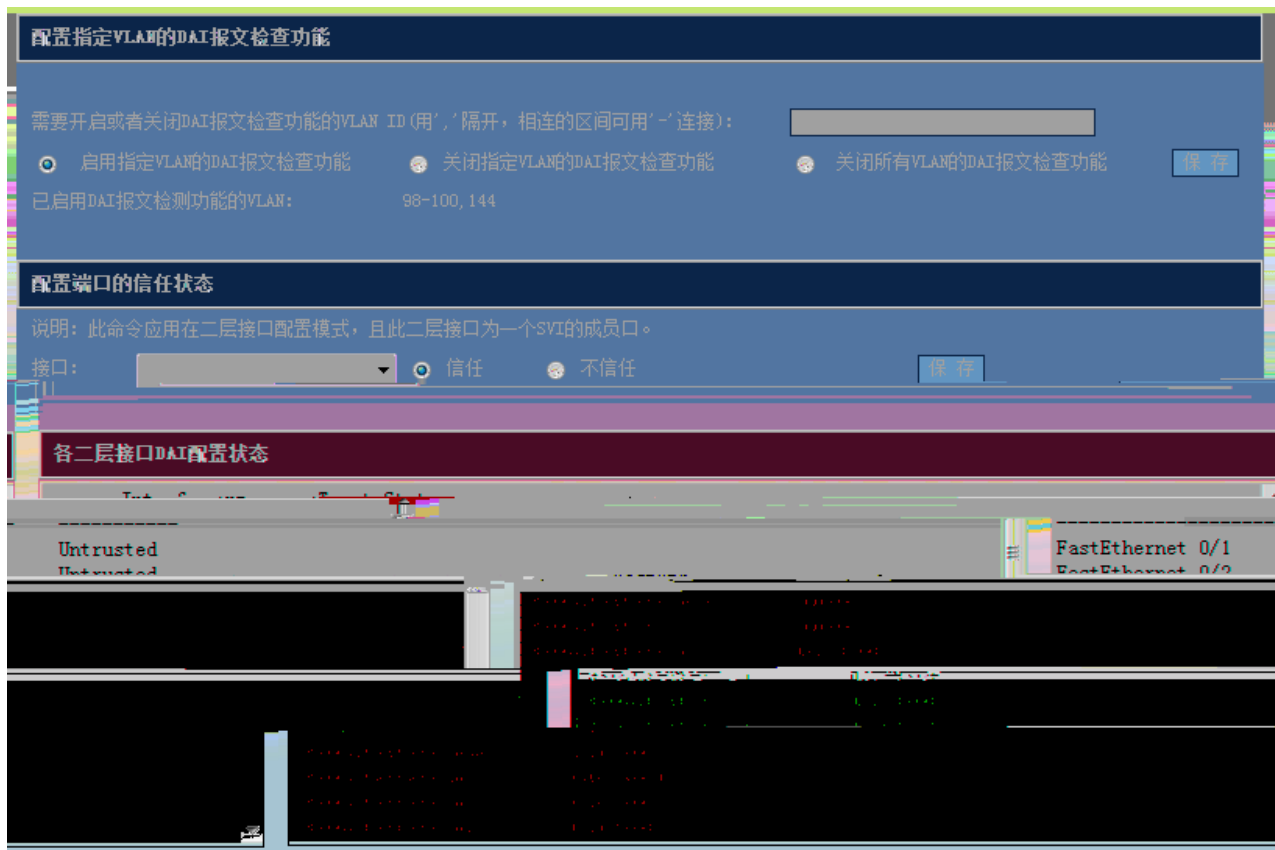
IP Source Guard

IP+MAC “ IP+MAC () ”

IP

MAC MAC

VLAN



VLAN DAI

VLAN DAI

VLAN 100 DAI

vlan-id 100 ARP DAI

“ DAI VLAN ID ” VLAN
VLAN DAI VLAN DAI “ ”

DAI VLAN

ARP ARP DAI
ARP ARP DAI

“ ” “ ” “ ”

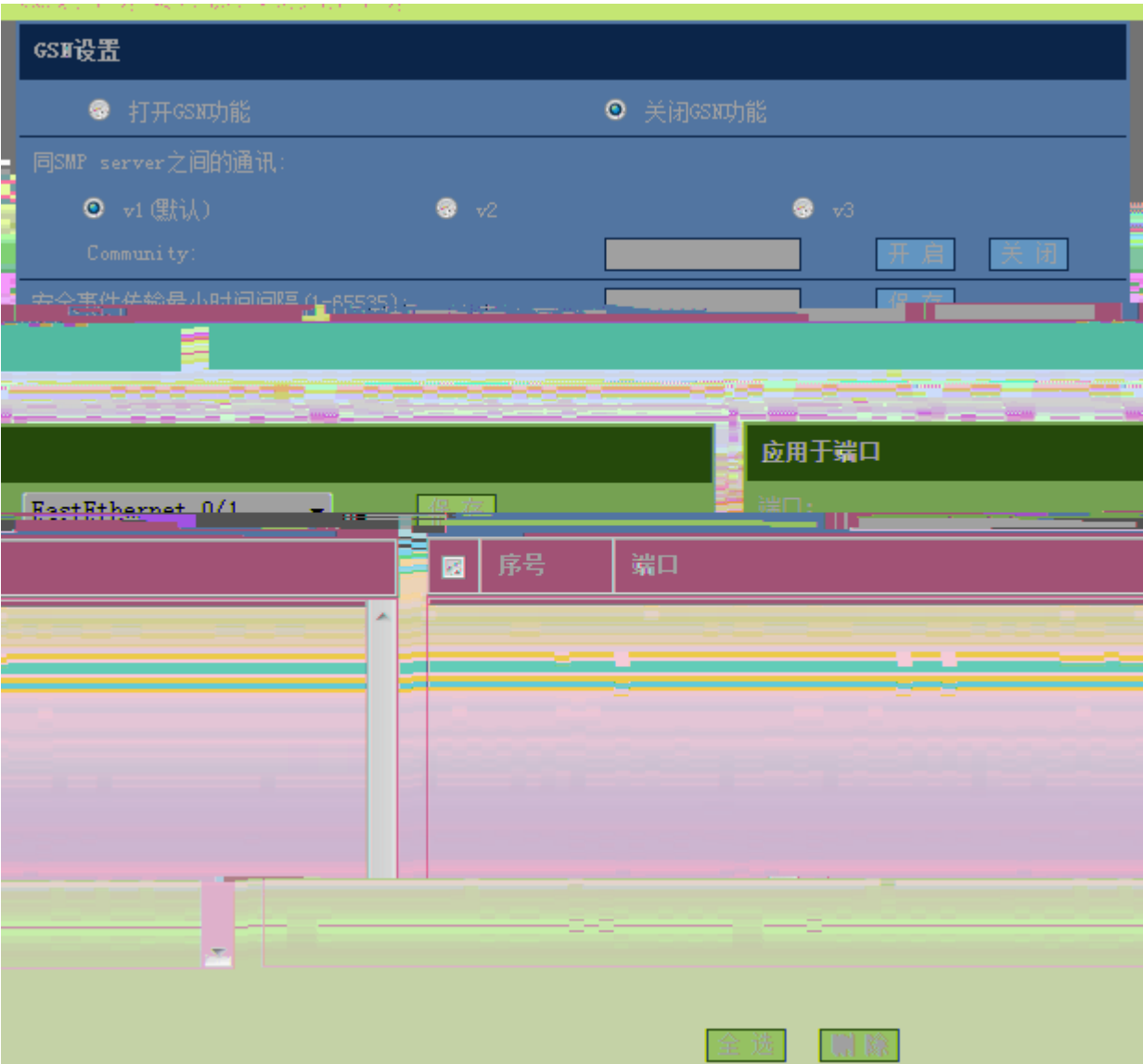
“ DAI ”

1.6.7 GSN

“GSN”

GSN

1-49 GSN



GSN

GSN

GSN

GSN

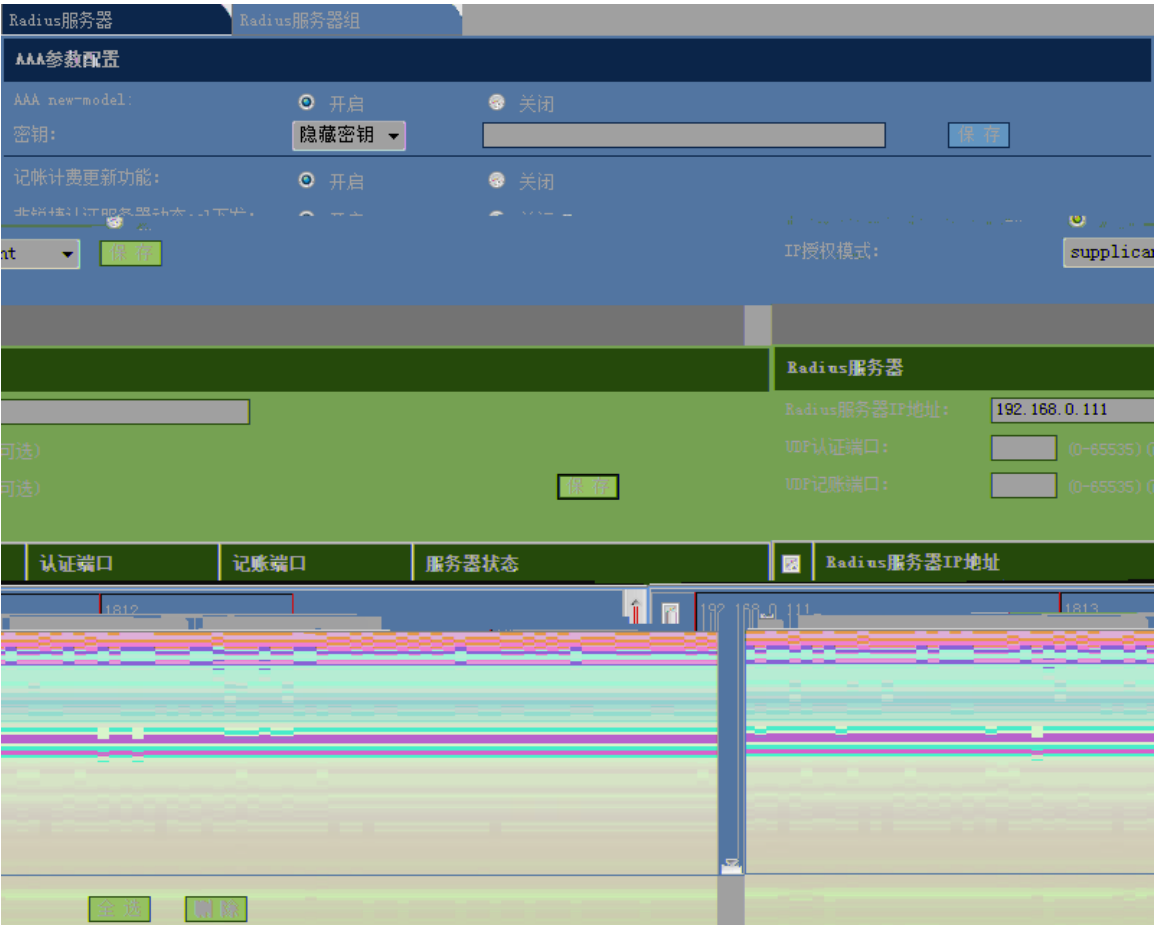
GSN

GSN

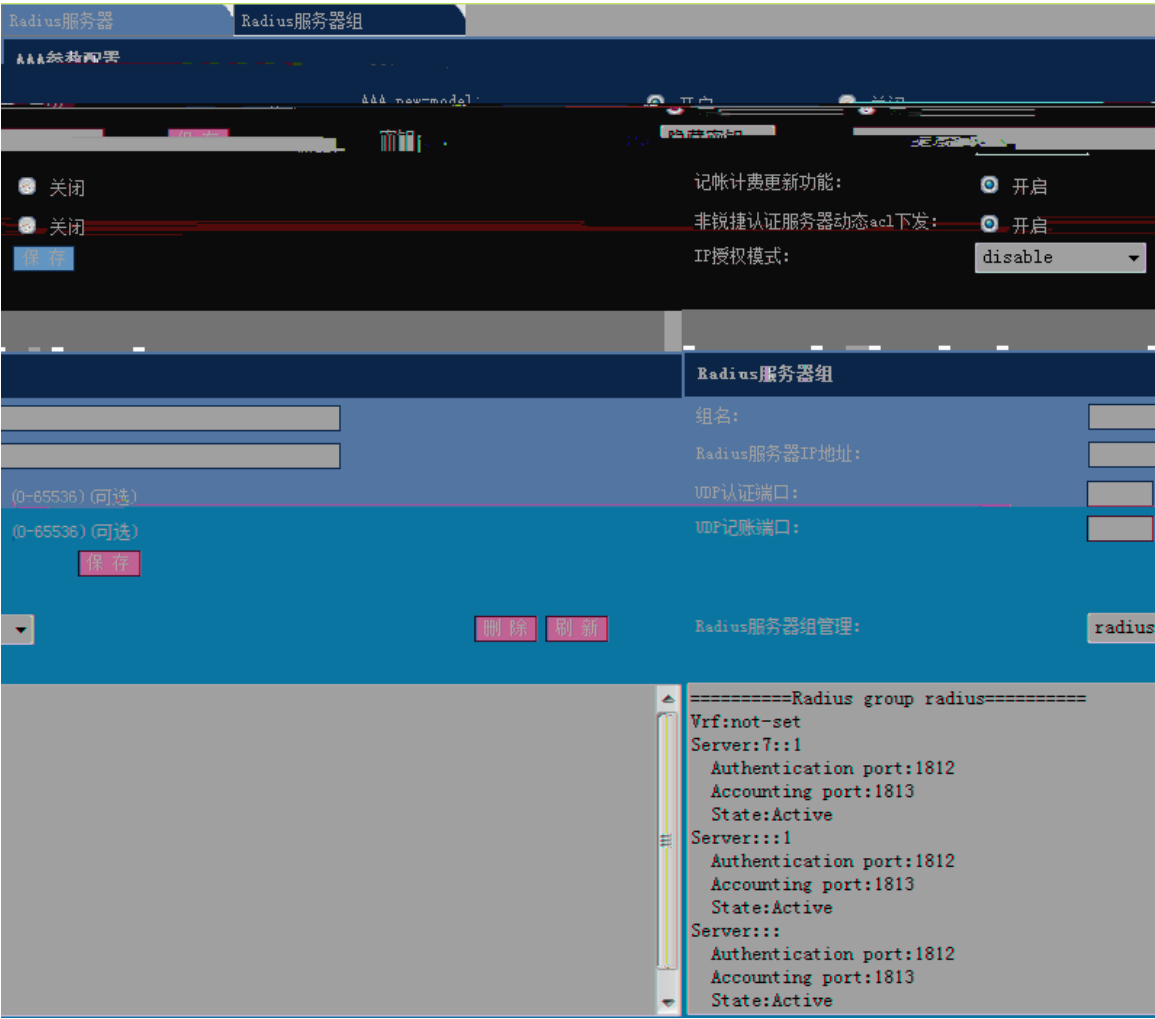
GSN

arp报文接收统计信息

Slot	Type	Pps	Total	Drop
MainBoard	arp	10	324430	0

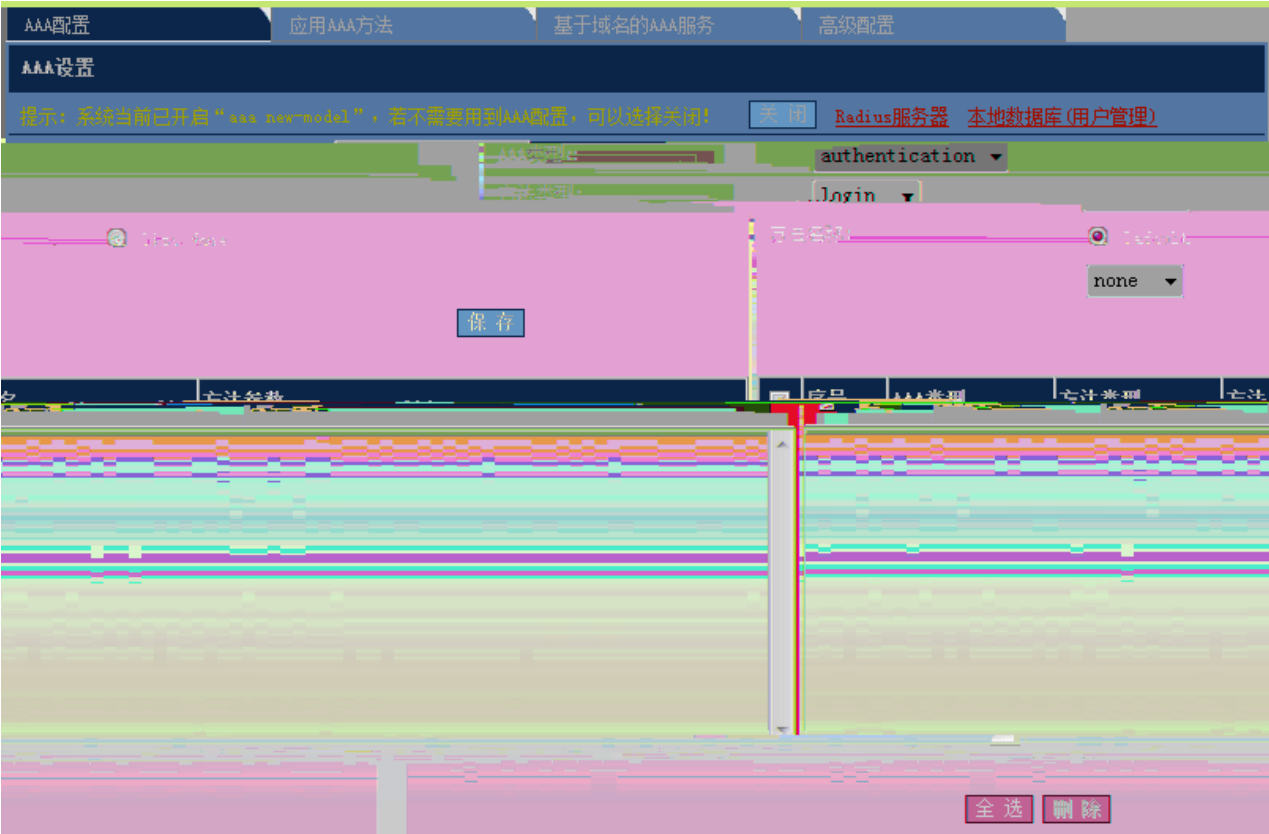


RADIUS



RADIUS

IP

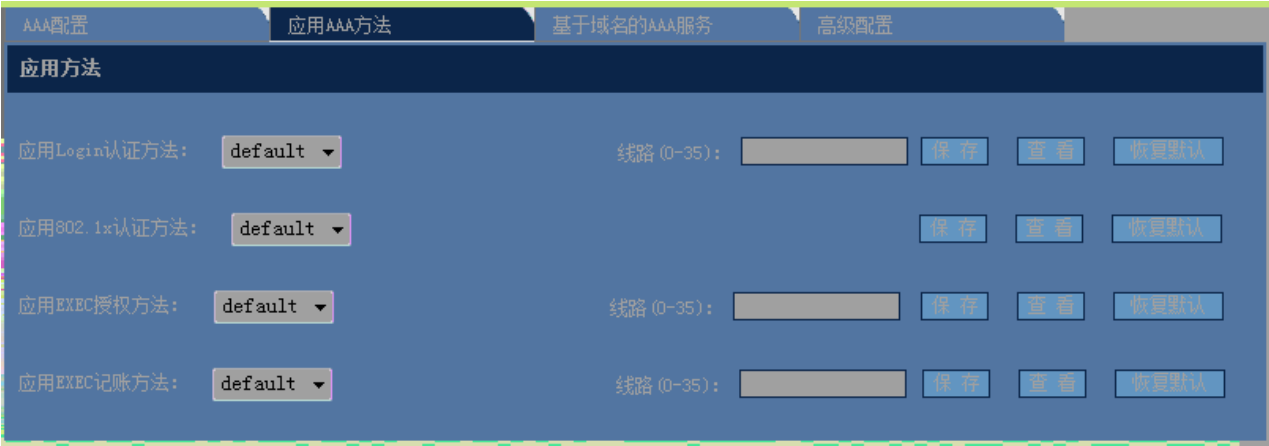


AAA

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

AAA

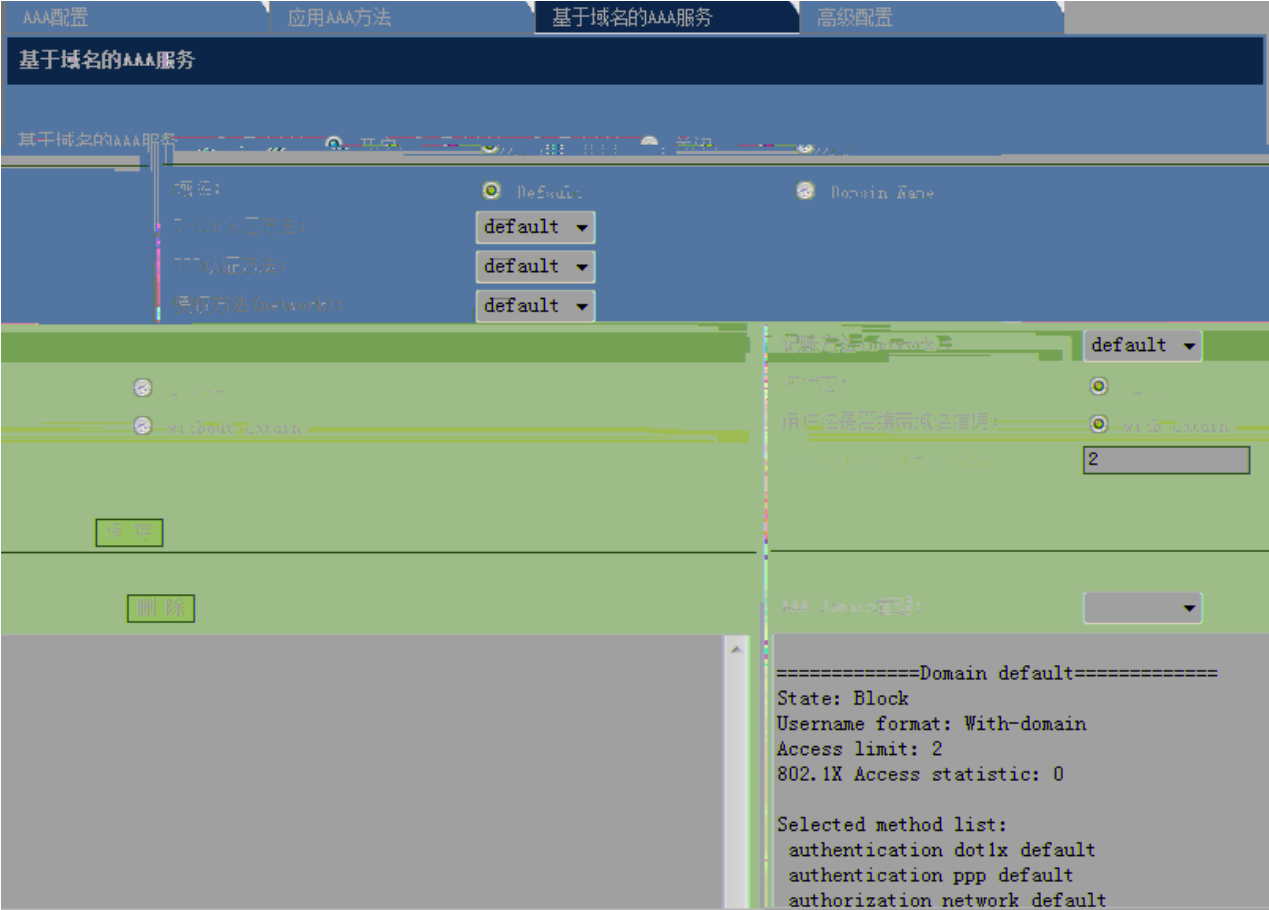
1-57 AAA



AAA “ ” “ ”

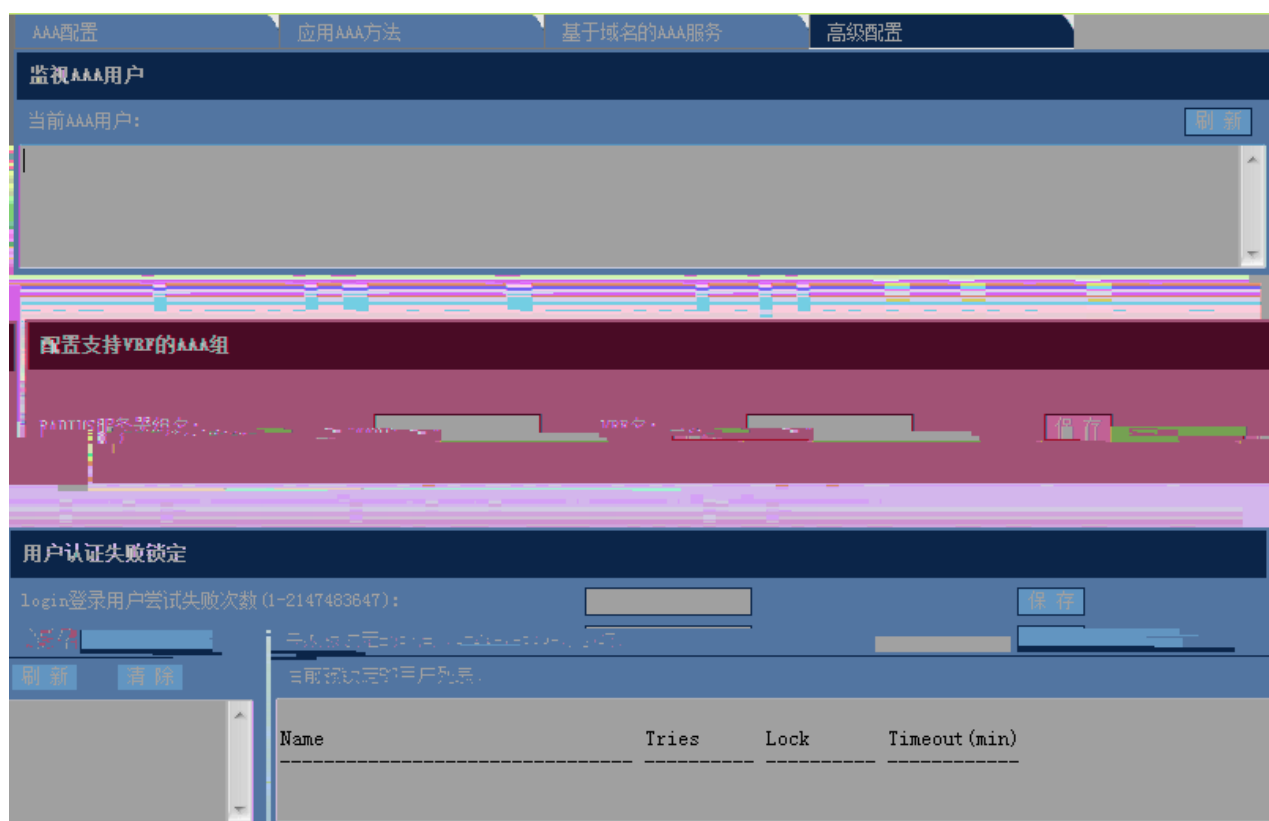
AAA

1-58 AAA



AAA Dot1x PPP (network) (network)
Access Limit “ ”
AAA Domain “ ”

1-59 AAA



AAA

AAA

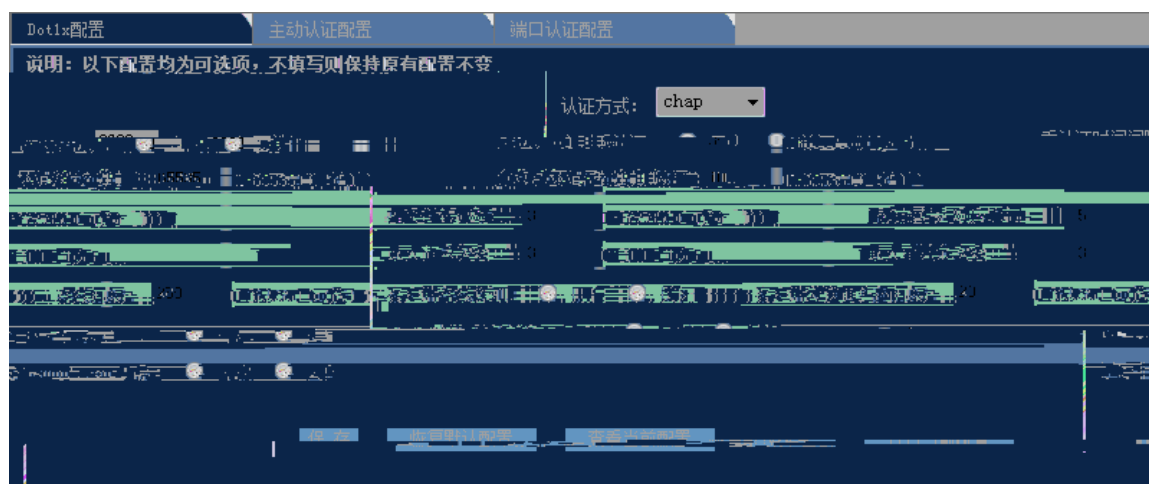
VRF AAA

1.6.11 Dot1x

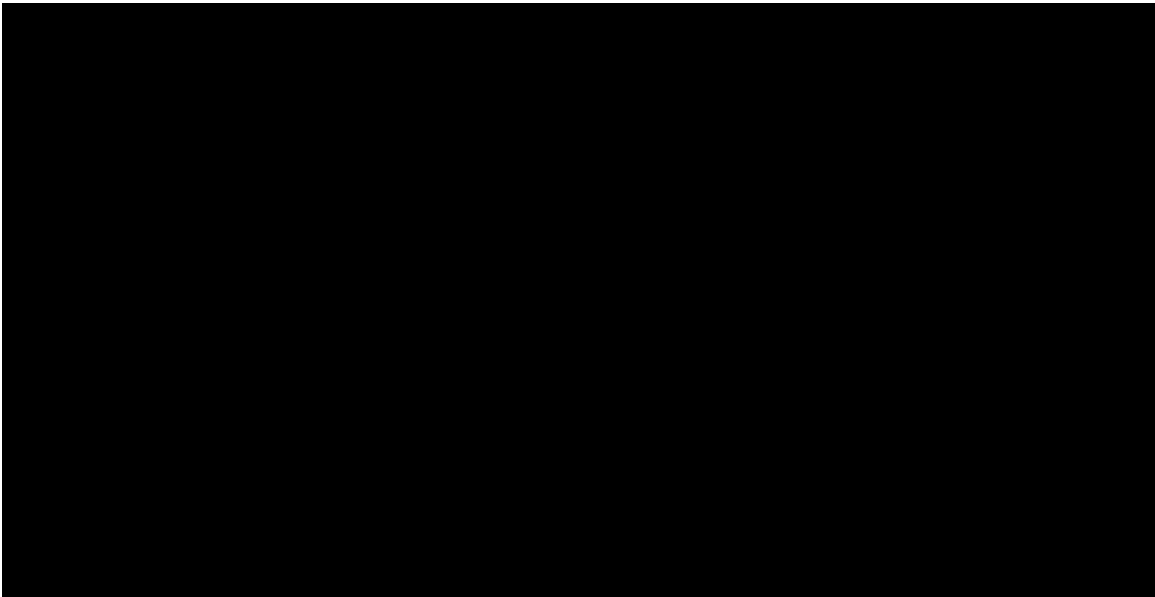
“ Dot1x ”

Dot1x

1-60 Dot1x



Dot1x



“ ”

802.1x

MAC

“ ”

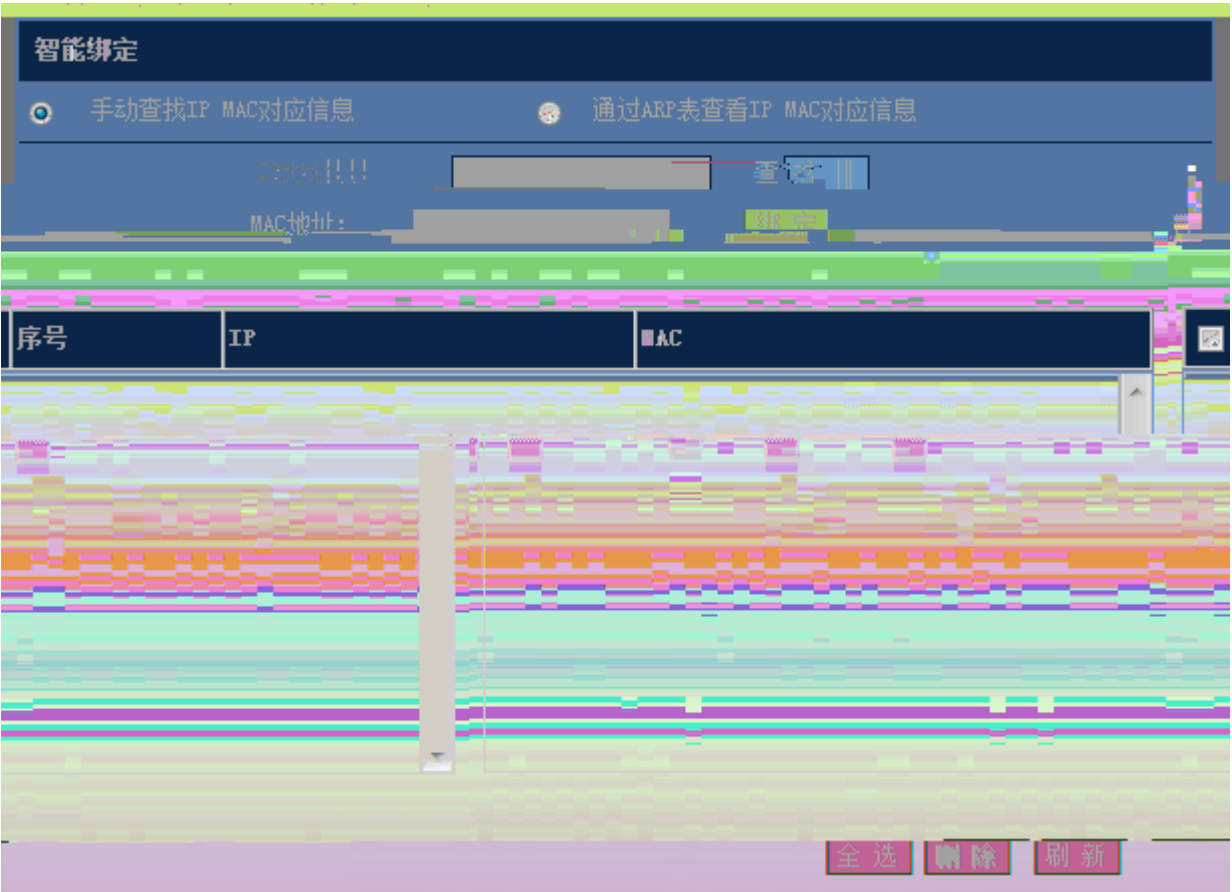
VLAN

“ ”

1.6.12

“ ”

1-64



GN6AMG

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

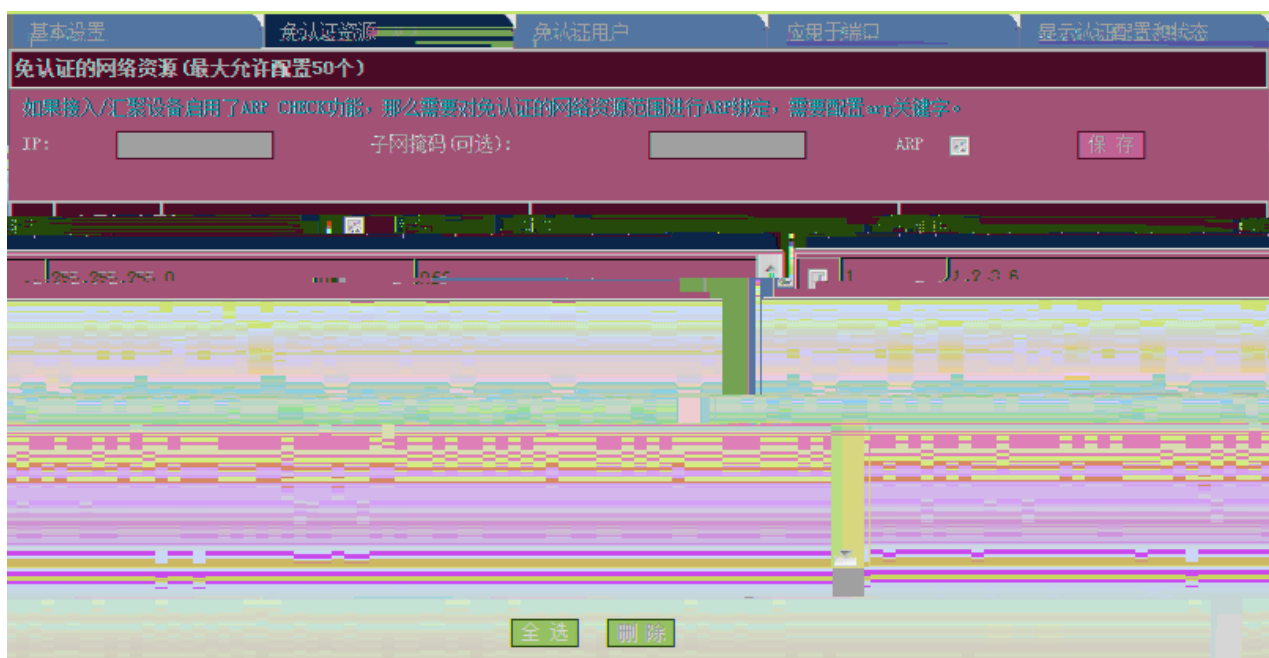
刷新

1.6.13 WEB

“web”

web

1-66 web



IP

“ ”

1-68



IP

“ ”

“ ”



DHCP Snoop



1.7.3

“ ”

1-74

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

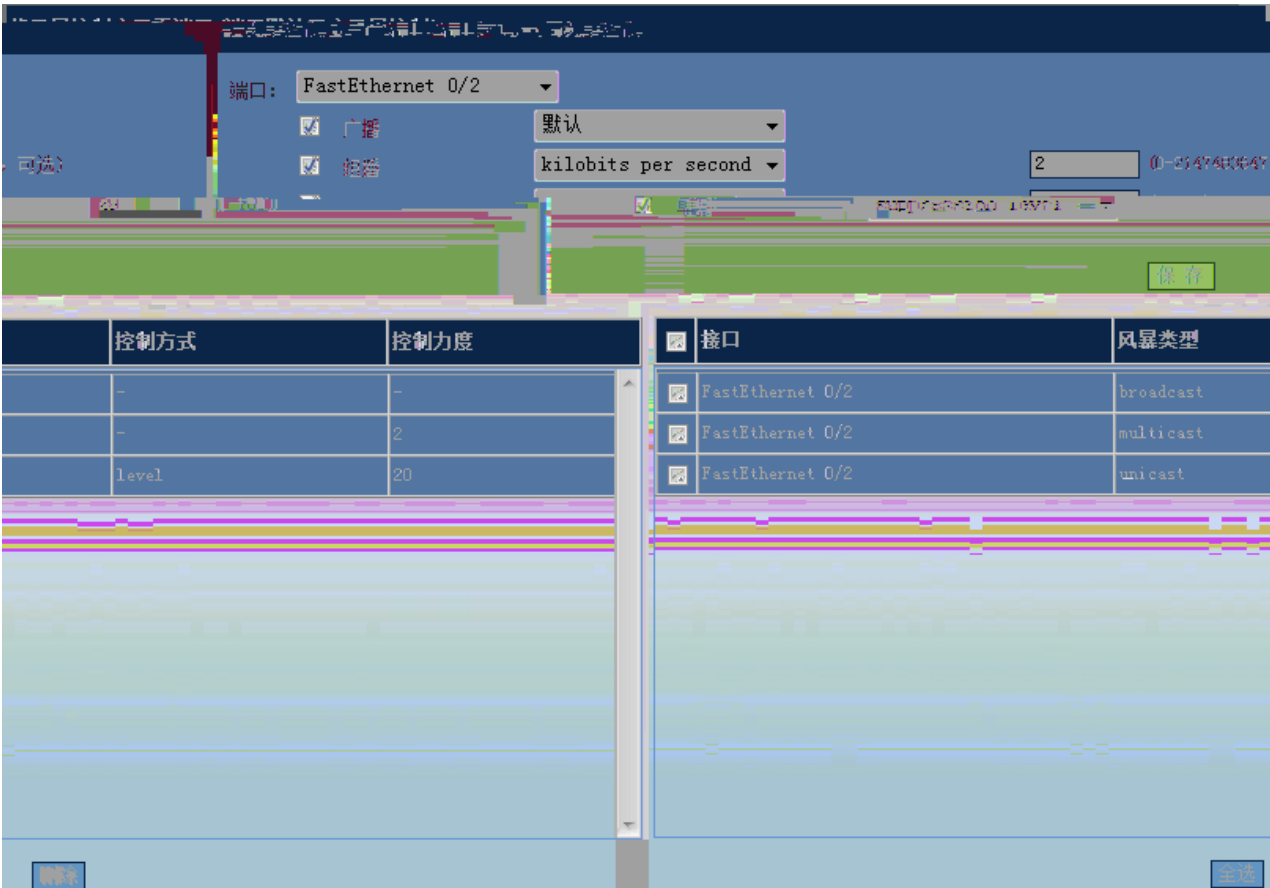
“ ”

“ ”

1.7.4

“ ”

1-75



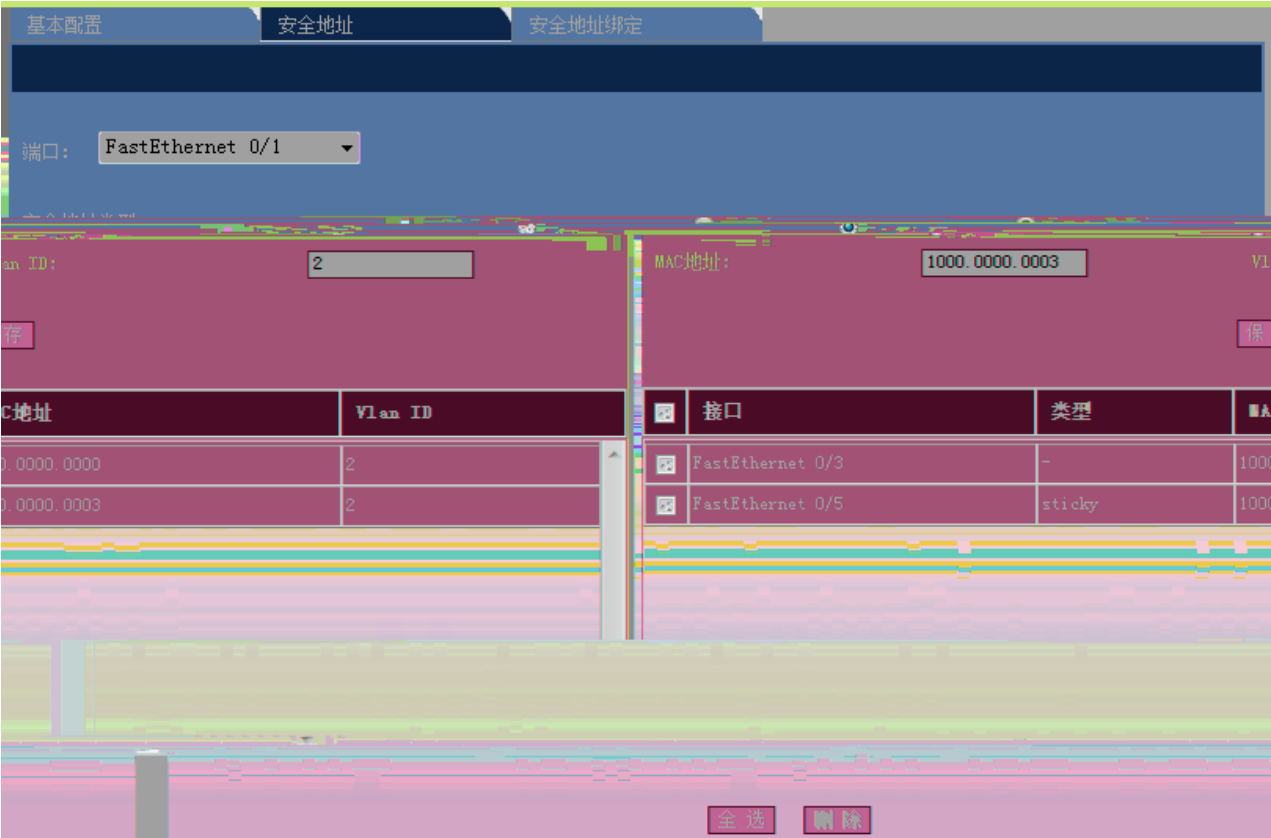
“ ”
“ ”

1.7.5

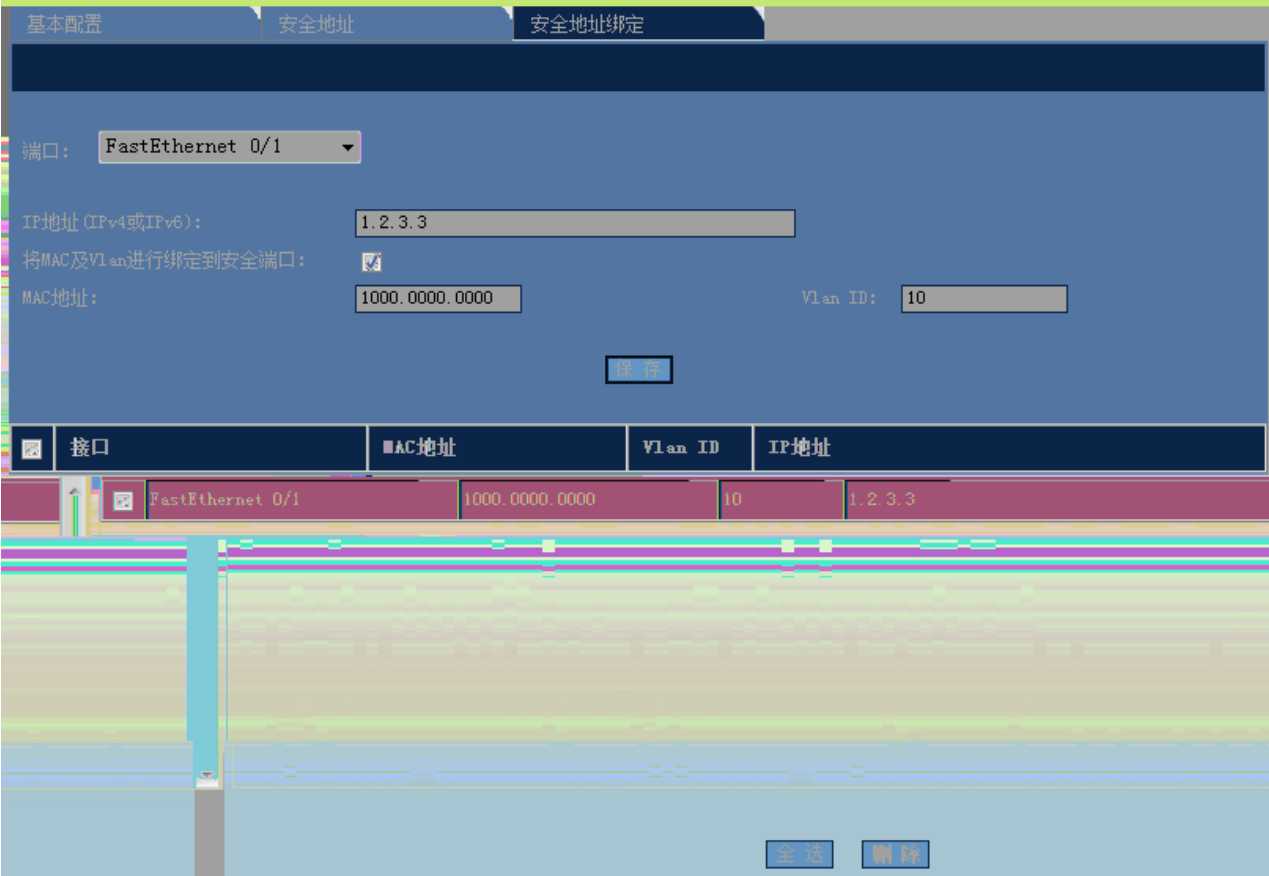
“ ”

1-76





Mac VLAN ID “ ”
“ ”



Mac VLAN ID “ ” IP MAC Vlan

“ ”

1.8

1.8.1

“ ”

1-79

系统信息	
设备型号：	S2924G
主机名：	Ruijie
软件版本：	RGOS 10.2.00(3) Release(323195A44470348C)
设备名称：	10.10.10.10
MAC地址：	10.10.10.10

1.8.2

“ ”

1-80

当前配置

Building configuration...
Current configuration : 12931 bytes

0355) (Tue Mar 11 19:23:04 2008 -

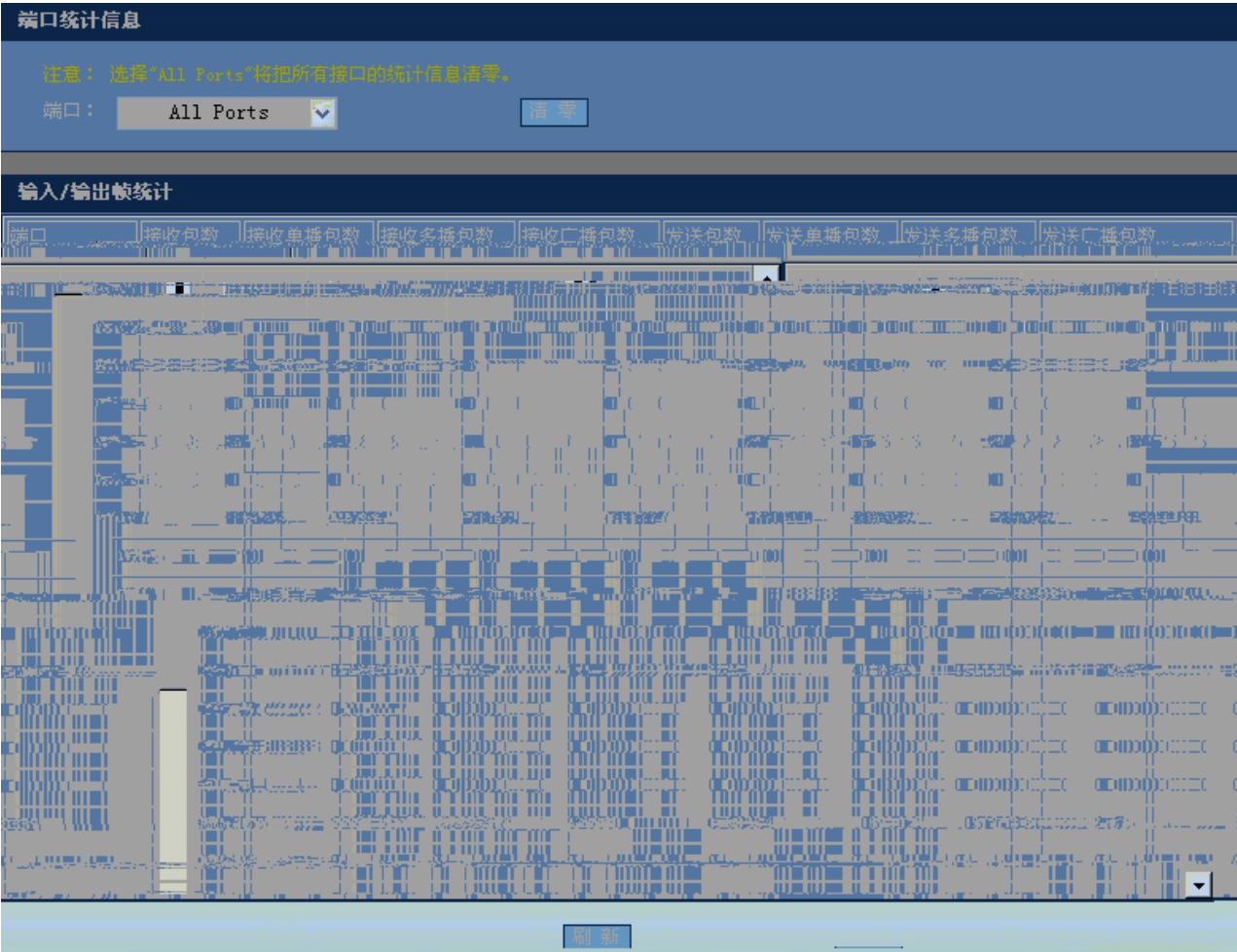
!
version RGNOS 10.2.00(3), Release(323195A44470348C)
!
!
!
vlan 1
name vlan1
!
vlan 2
!
vlan 3
!
vlan 4
!
vlan 5
!
vlan 6
!
vlan 7
!

1.8.3

“ ”

1-81

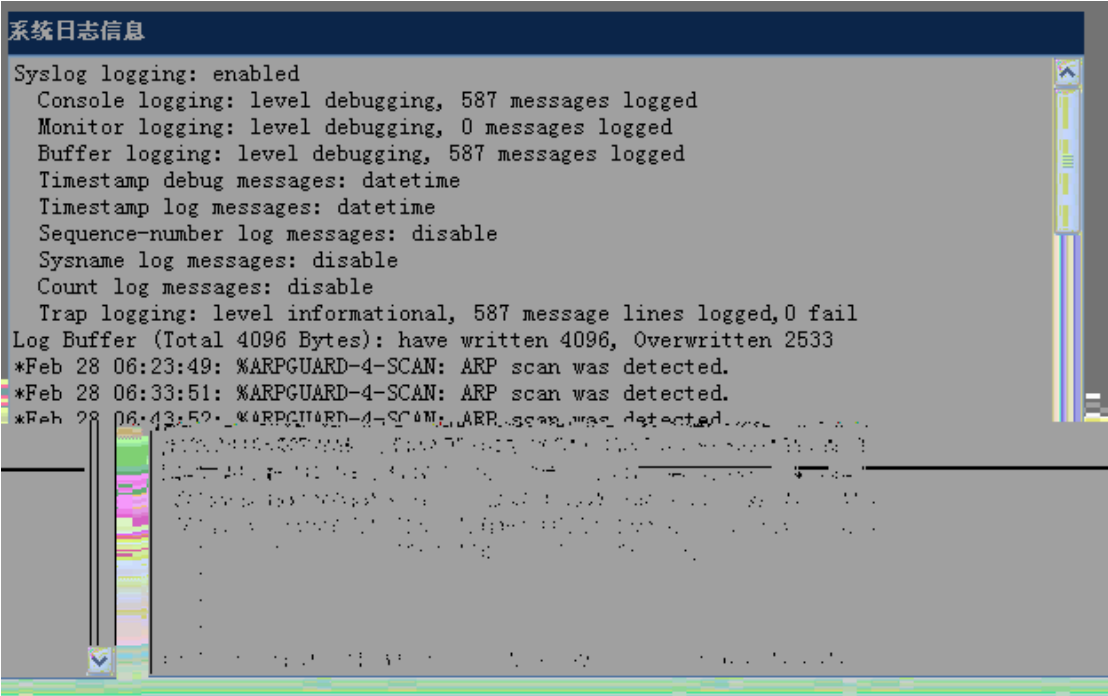
1-83



1.8.6

“ ”

1-84



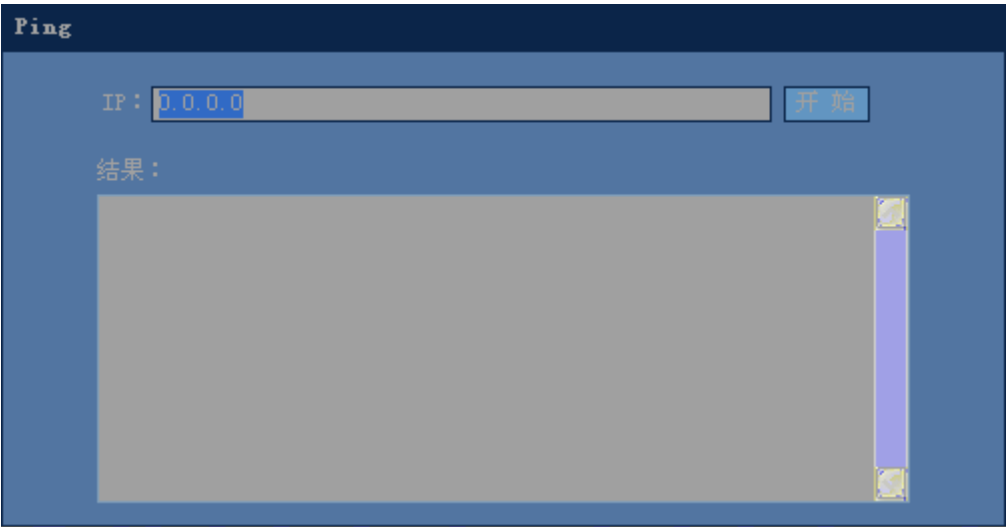
1.9

1.9.1 Ping

“ Ping ”

Ping

1-85 Ping



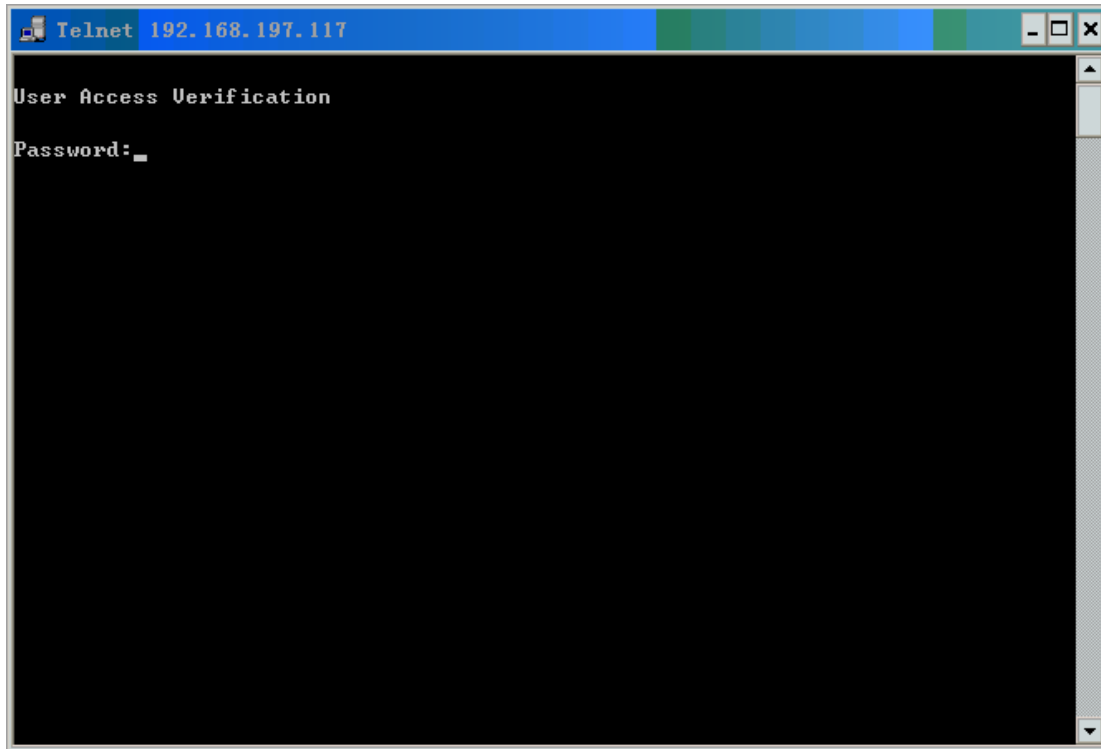
IP “ ” IP Ping

1.9.2 Telnet

“ Telnet ”

Telnet

1-86 Telnet



“ Telnet ”

Telnet

PC

Telnet

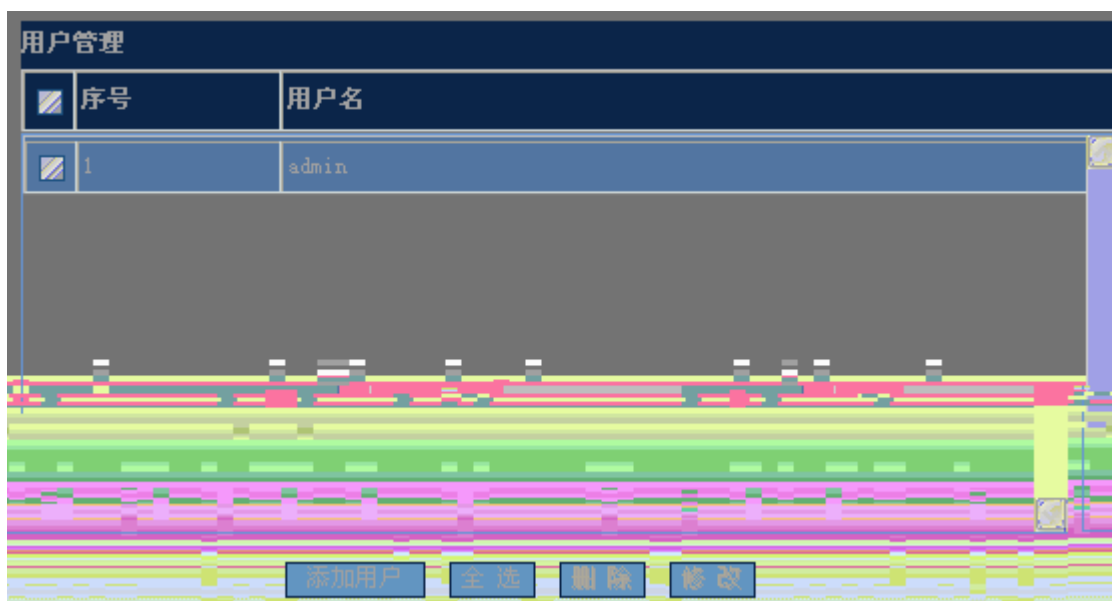
PC

Telnet

1.9.3

“ ”

1-87



“ ”

1-88



“ ”

“ ”

“ ”

1-89

用户管理 -- 网页对话框

用户名 :

用户密码 :

密码确认 :

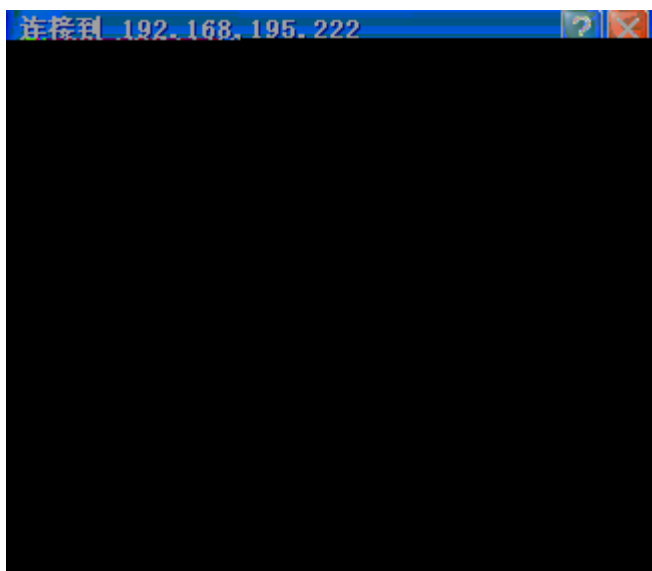
http://192.168.195.200/user_m Internet

Enable

Enable

“ ”

1-91



Telnet

Telnet

“ ”

1.9.5 /

“ / ”

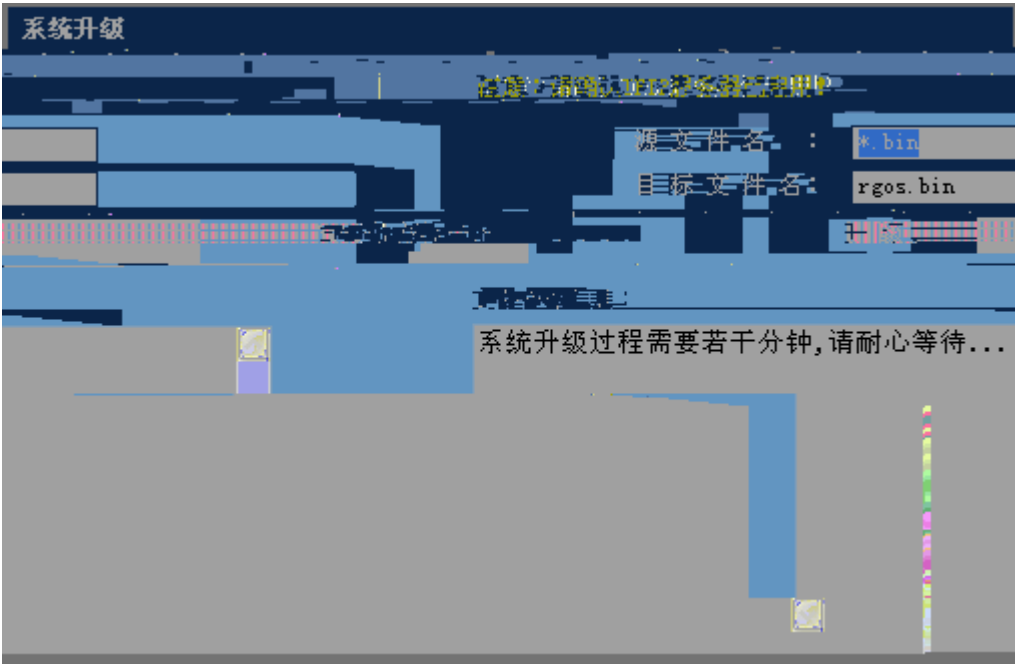
/

1-92 /

1.9.7

“ ”

1-94



TFTP TFTP
TFTP IP “ ”

1.9.8

“ ”

“ ”

1.10 WEB

WEB WEB enable

WEB	Local	Enable	WEB	WEB
-----	-------	--------	-----	-----

Local

config

```
Ruijie#configure
```

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

WEB

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

WEB

Local

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

15

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

```
Ruijie(config)#username admin privilege 15
```

IP

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

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

Enable

config

```
Ruijie#configure
```

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

WEB

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

WEB

Enable

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

Enable

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

IP

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

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

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

```

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
```