4008-111-000
http://www.ruijie.com.cn

- 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)

-
-
-

1.

[ ] [ ]

{ x | y | ... }

[x | y | ...]

//

2.

 Ş

 Ş

3.

-
-
-

WEB

ЎĄ WEB ЛЬЮ ‘

1. WEB
2. WEB

1 WEB

WEB IE Â

WEB WEB Ł WEB ч Â WEB Ł Э

ˆ ∧ WEB ҳ ˜ WEB

IE Â

2 WEB

2.1

Ю WEB Â

Ћ	
WEB Ł	

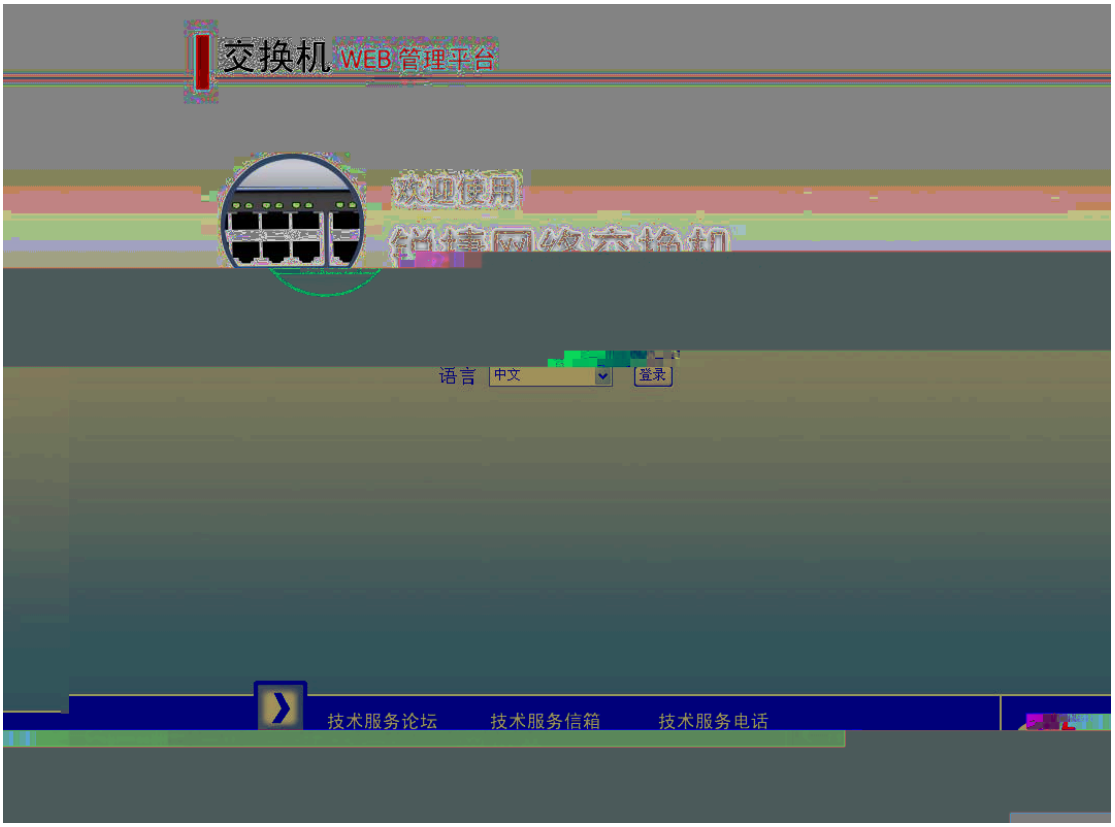
WEB Ł Ю ľ WEB Ł Â

WEB Enable a ¨ Enable

Â

IP ‘ http://192.168.1.200, ł Ю

‘



1

ł Ľ Ł ¨ à

Â

2

Ł ł WEB ў Ю ‘

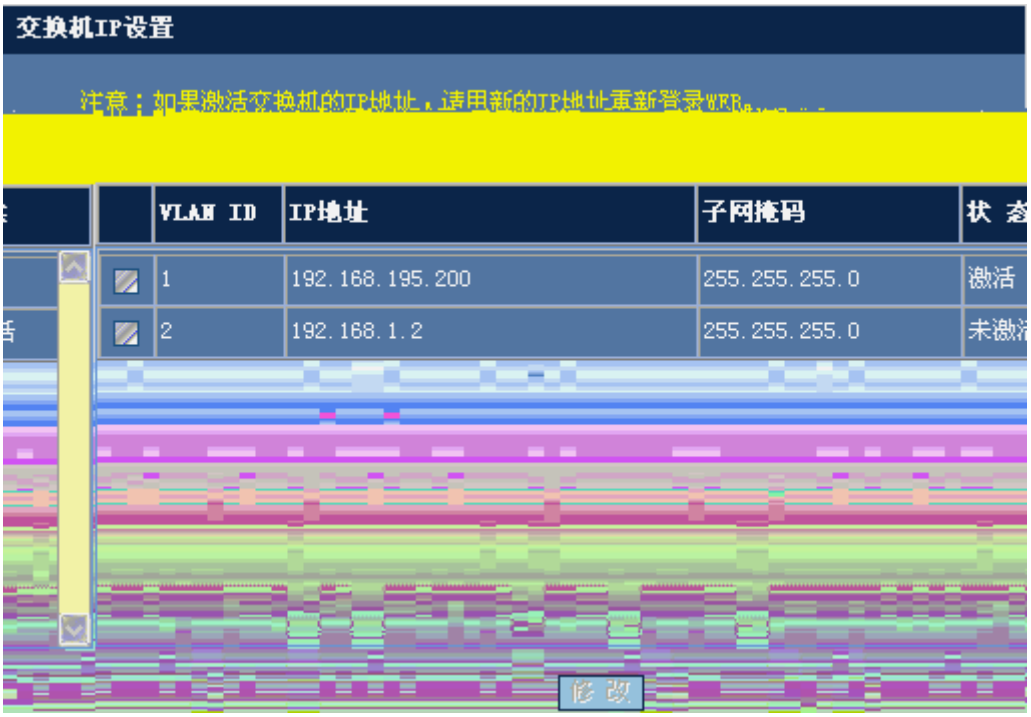
3 WEB

	WEB Enable a enable Â

2.2

2.2.1 IP

Ľ IP Ł ╖ Â



4 IP

、

、 ip ľ Ł ł Ю

、

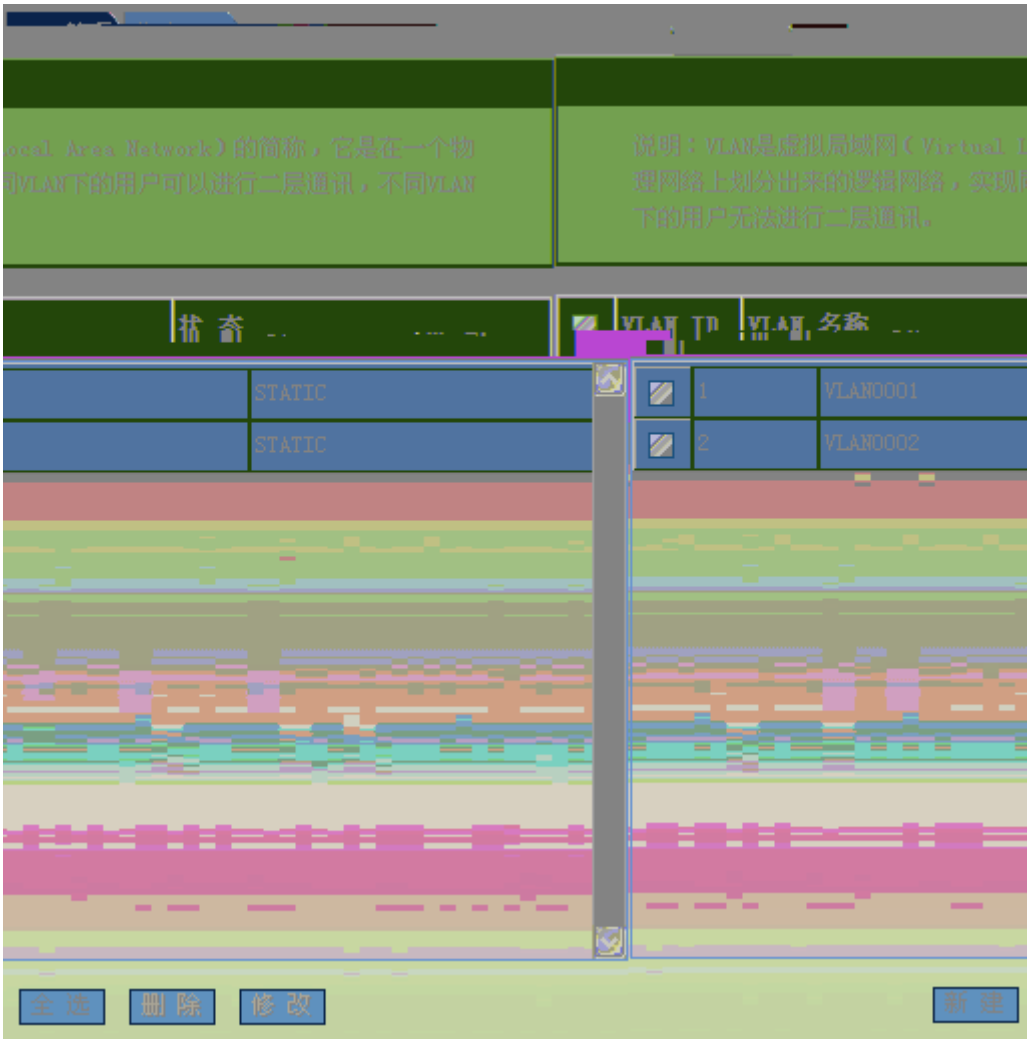
5 IP

Л Ъ IP ł ľ Ł Â

2.2.2 VLAN

ľ VLAN Ł ╖ Â

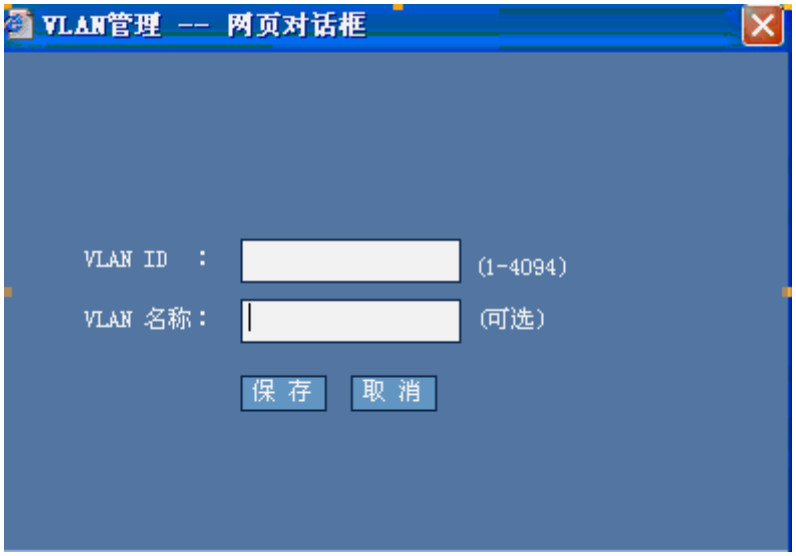
1˜ VLAN



6 VLAN

ł VLAN Â Л ä ä VLAN VLAN a Â

ľ Ł ł Ю

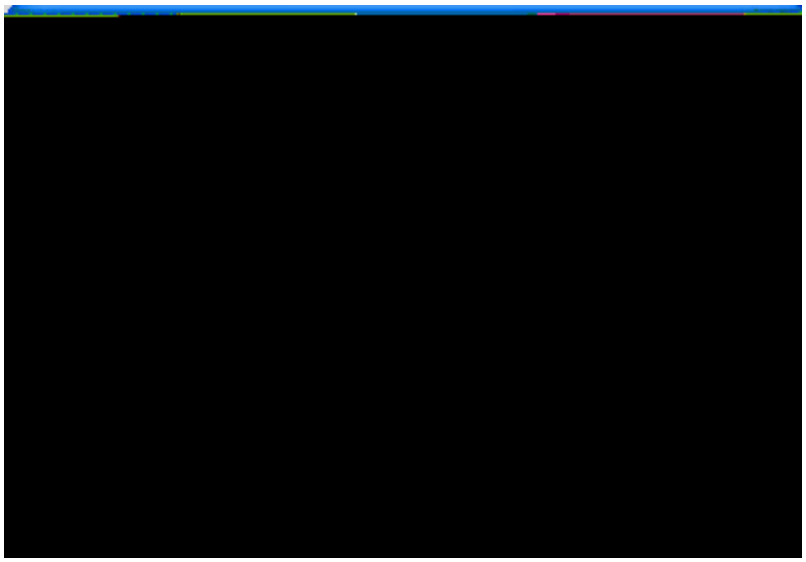


7 VLAN

VLAN ID VLAN ¨ ˆ ˜ ł ľ Ł Â ╗ ł
VLAN VLAN Э Â

‘ VLAN ł ľ Ł Â

‘ VLAN ł ľ Ł
Ю ‘



8 VLAN

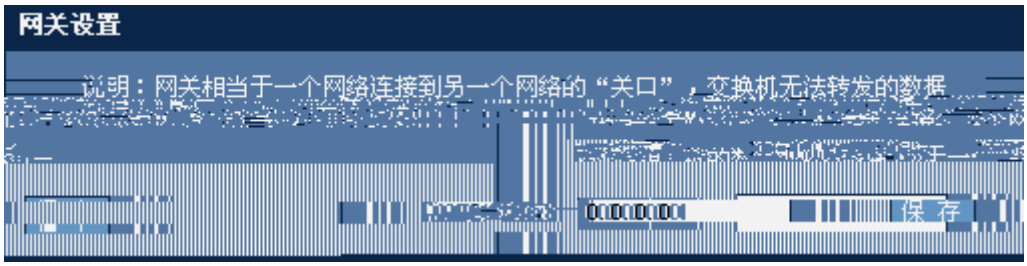
VLAN ł ľ Ł Â
ł VLAN Э Â

2˜ VLAN

9 VLAN

VLAN ID

2.2.3

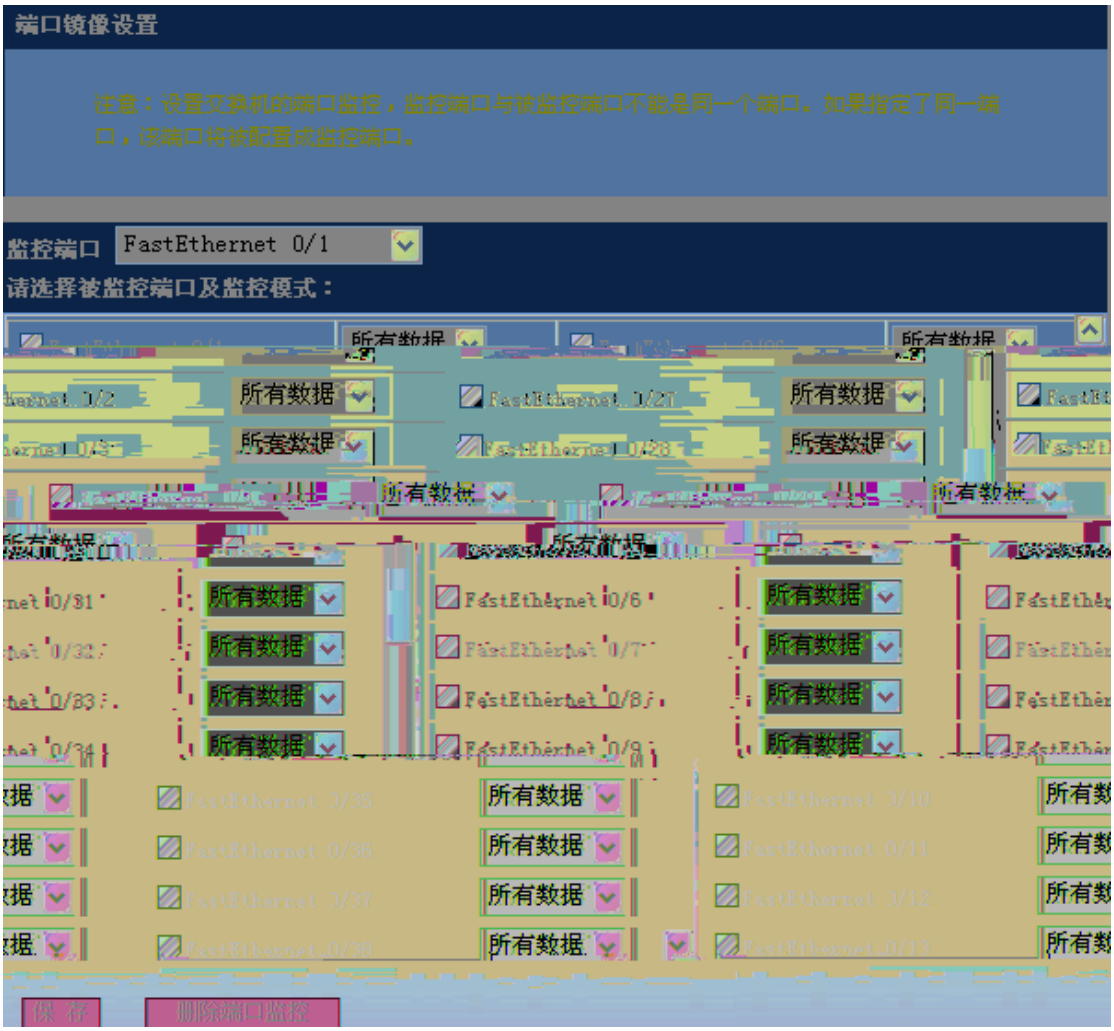


10

IP IP Â

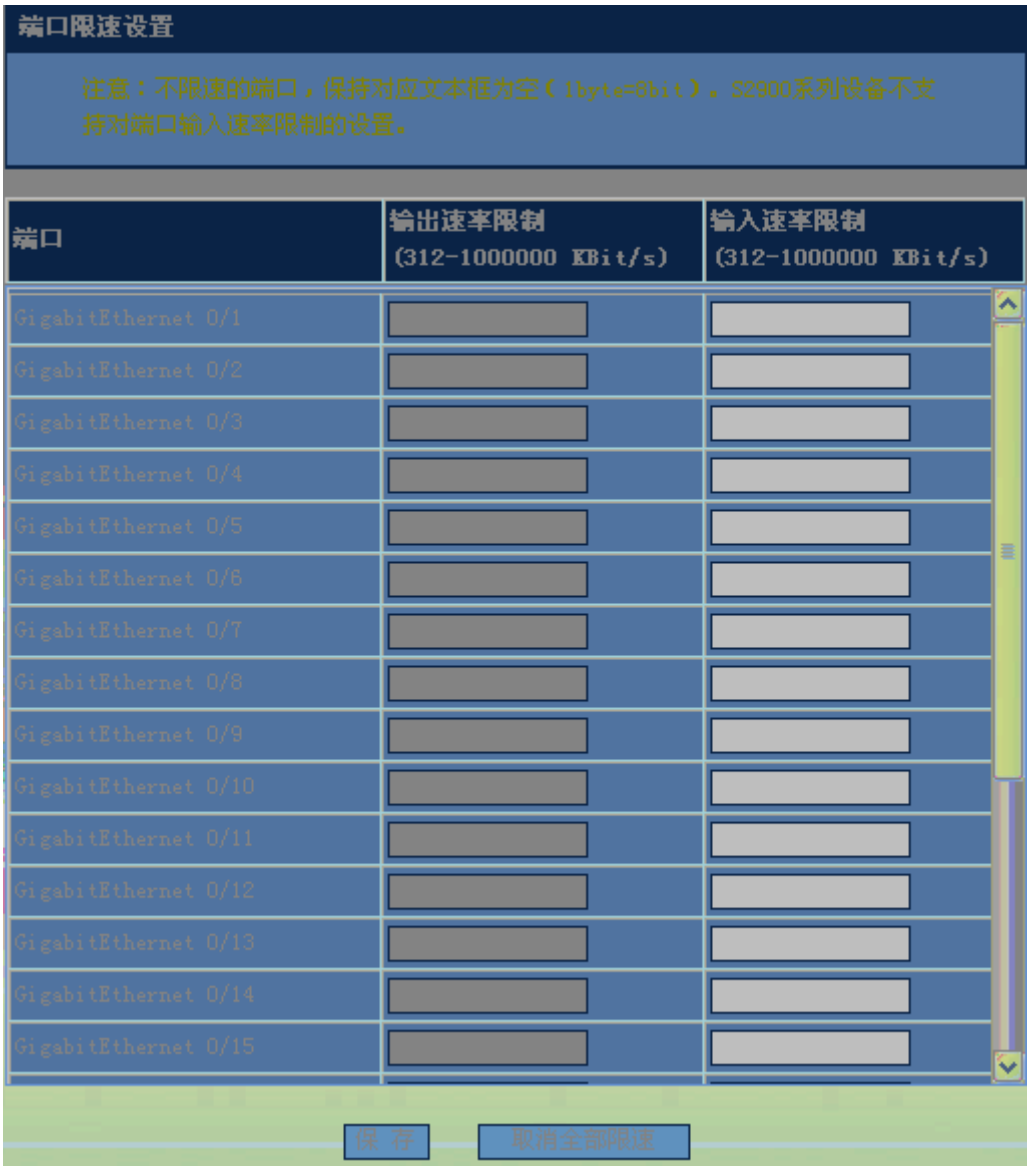
2.2.4

Â



11

2.2.5

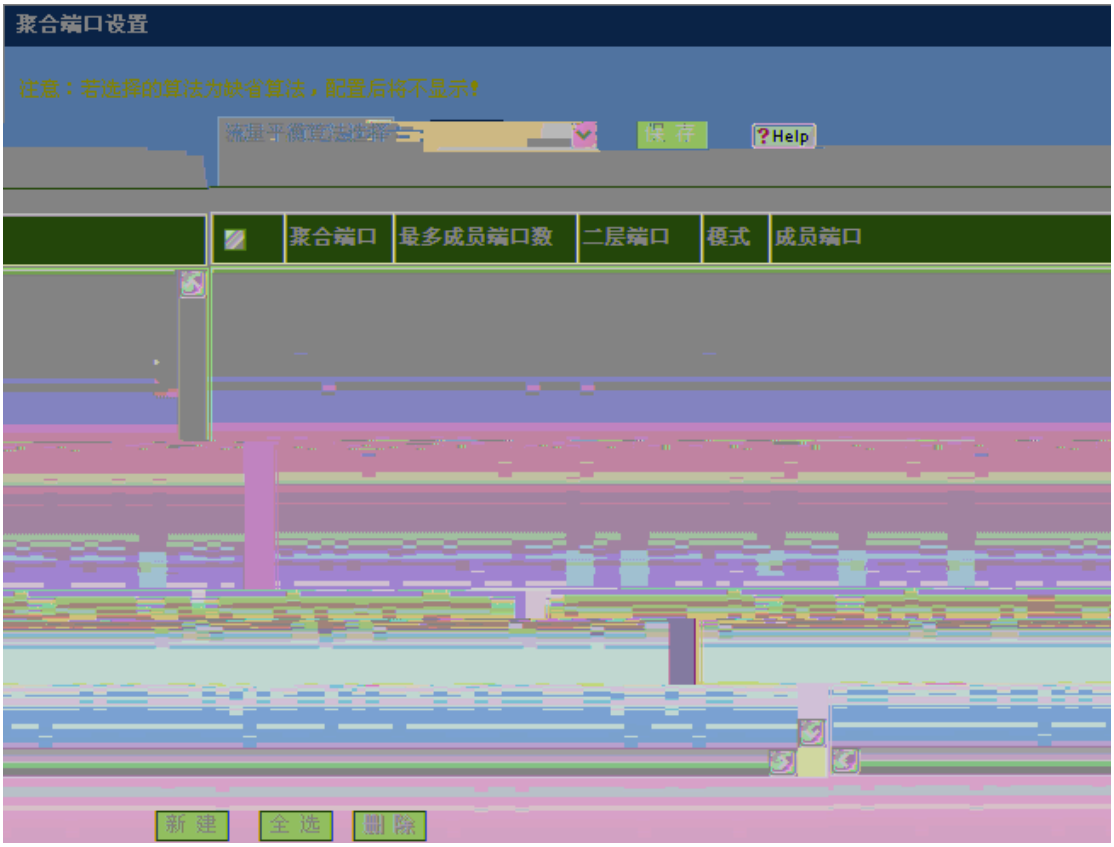

端口限速设置
注意：不限速的端口，保持对应文本框为空（1byte=8bit）。S2900系列设备不支持对端口输入速率限制的设置。
端口
输出速率限制 (312-1000000 KBit/s)
输入速率限制 (312-1000000 KBit/s)
GigabitEthernet 0/1
GigabitEthernet 0/2
GigabitEthernet 0/3
GigabitEthernet 0/4
GigabitEthernet 0/5
GigabitEthernet 0/6
GigabitEthernet 0/7
GigabitEthernet 0/8
GigabitEthernet 0/9
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

12

2.2.6

ľ Ł ╖ Â

‘



13

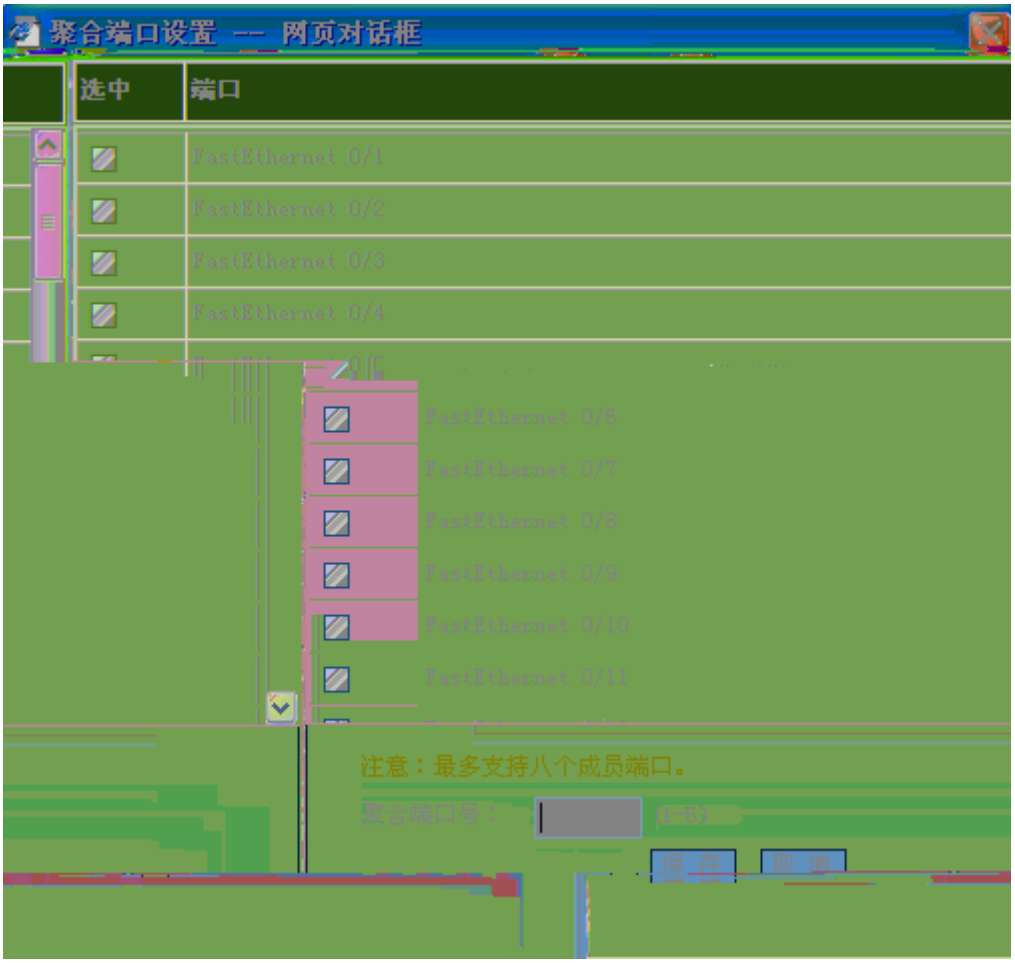
‘

1˜

ł ľ Ł Â

2˜

ľ Ł Ю ‘



14

ł ľ Ŀ

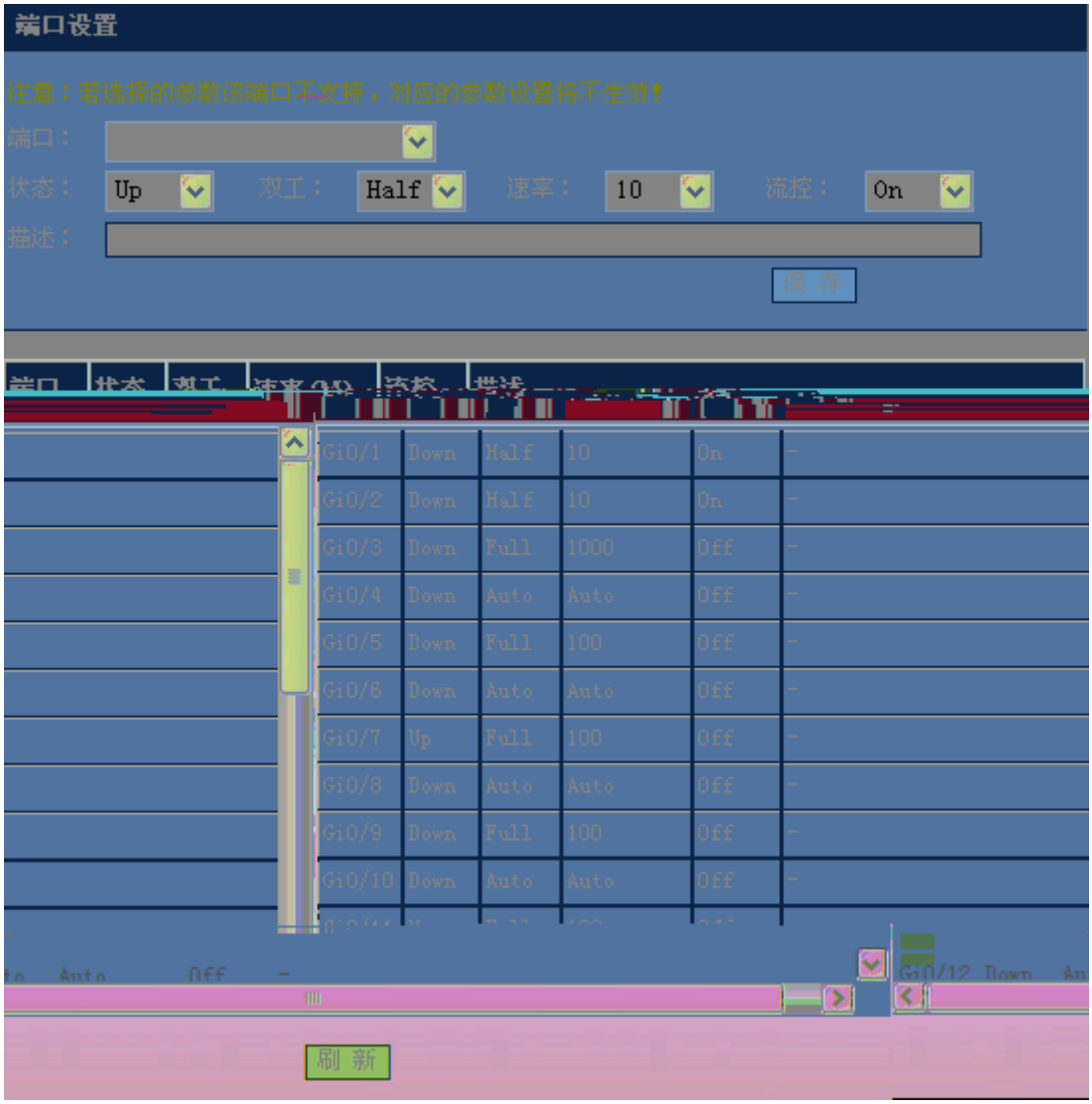
a Â

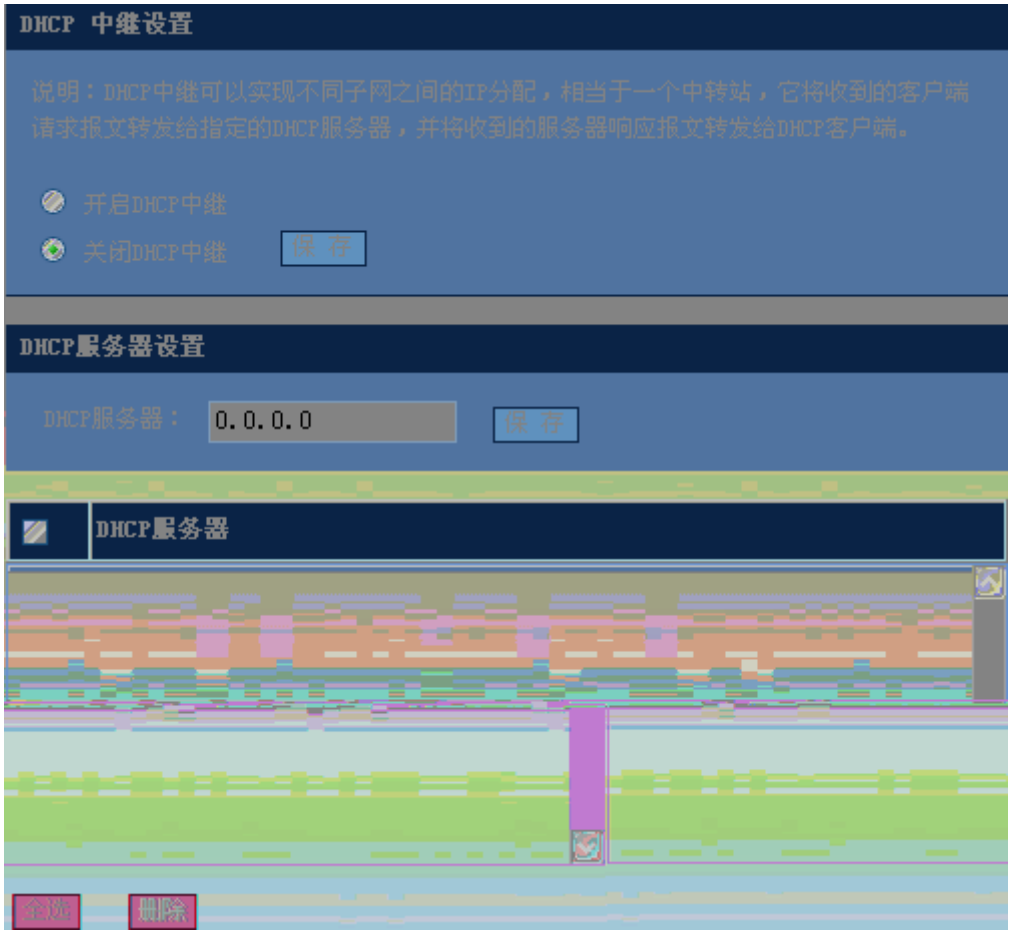
3˜

ł ľ Ŀ Â

2.2.7

Ð ľ ā Ⱨ


端口设置
注意：若选择的参数该端口不支持，对应的参数设置将不生效！
端口：
状态：
Up
双工：
Half
速率：
10
流控：
On
描述：
保 存
Gi0/1 Down Half 10 On
Gi0/2 Down Half 10 On
Gi0/3 Down Full 1000 Off
Gi0/4 Down Auto Auto Off
Gi0/5 Down Full 100 Off
Gi0/6 Down Auto Auto Off
Gi0/7 Up Full 100 Off
Gi0/8 Down Auto Auto Off
Gi0/9 Down Full 100 Off
Gi0/10 Down Auto Auto Off
刷 新



16 DHCP

1) / DHCP

/ DHCP

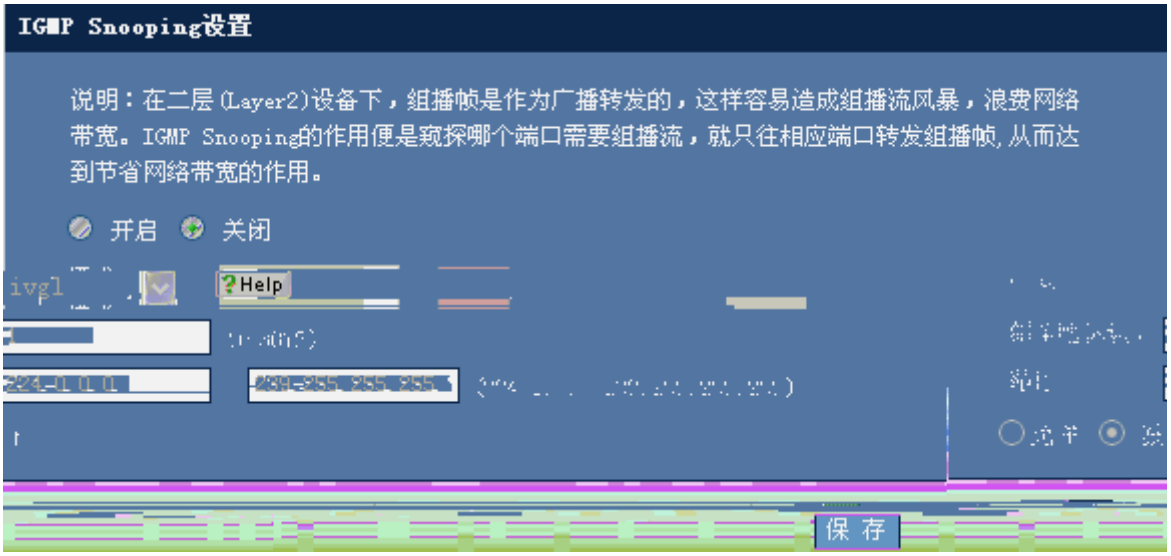
2)DHCP

DHCP

2.2.9 IGMP Snooping

IGMP Snooping

IGMP Snooping



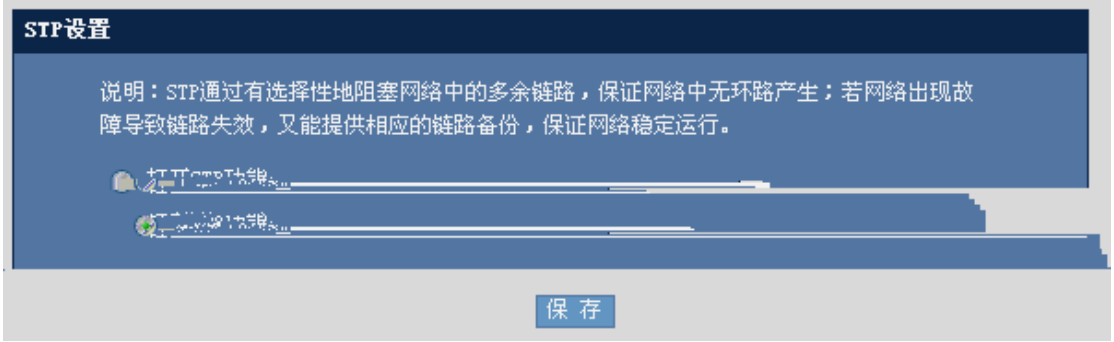
17 IGMP Snooping

‘

IGMP Snooping ╖ ľ Ł Ю ⁄ и Лъ ivgl à svgl à ivgl-svgl Ь svgl à ivgl-svgl Лъ à IP Â ł ľ Ł Â IGMP Snooping ╖ ľ Ł ľ Ł Â

2.2.10 STP

ľ STP Ł ╖ Â ЛЪЮ STP ў ‘



18 STP

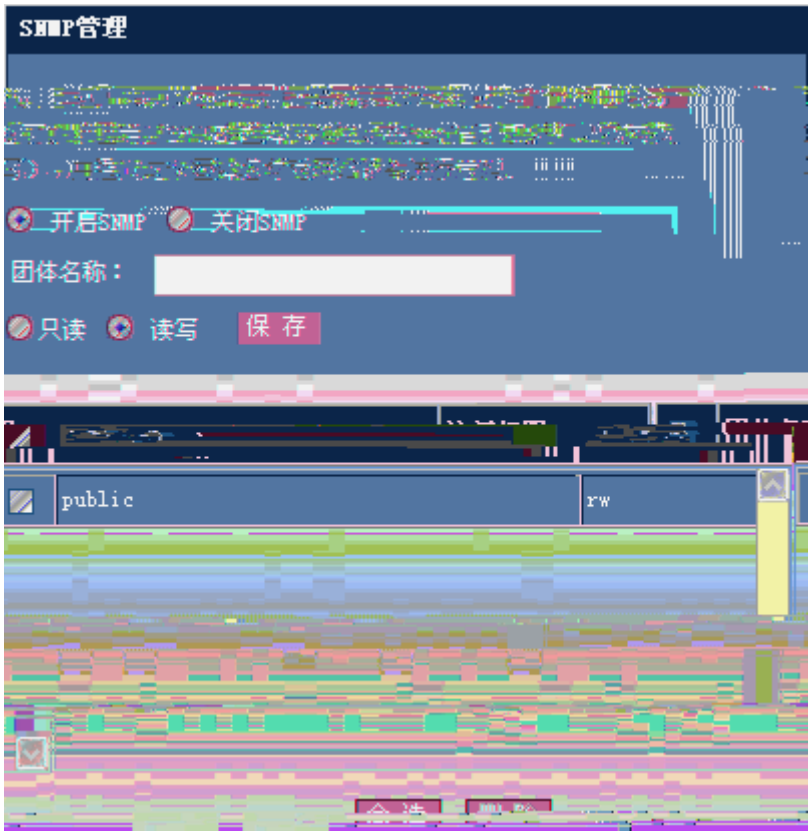
‘

ľ STP ╖ Ł ľ STP ╖ Ł ľ Ł Â

2.2.11 SNMP

ľ SNMP Ł ╖ Â

SNMP



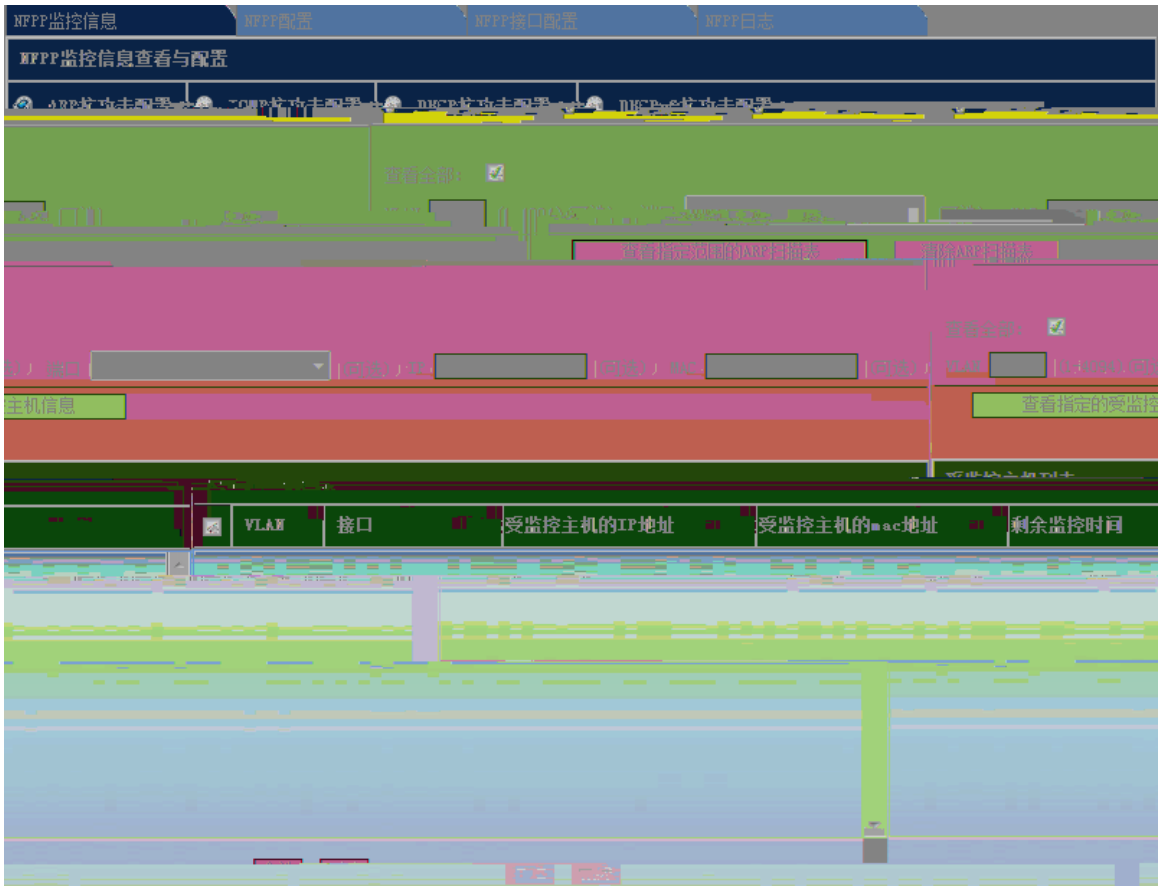
19 SNMP

SNMP Ľ Â SNMP Ľ Â Â

2.2.12 NFPP

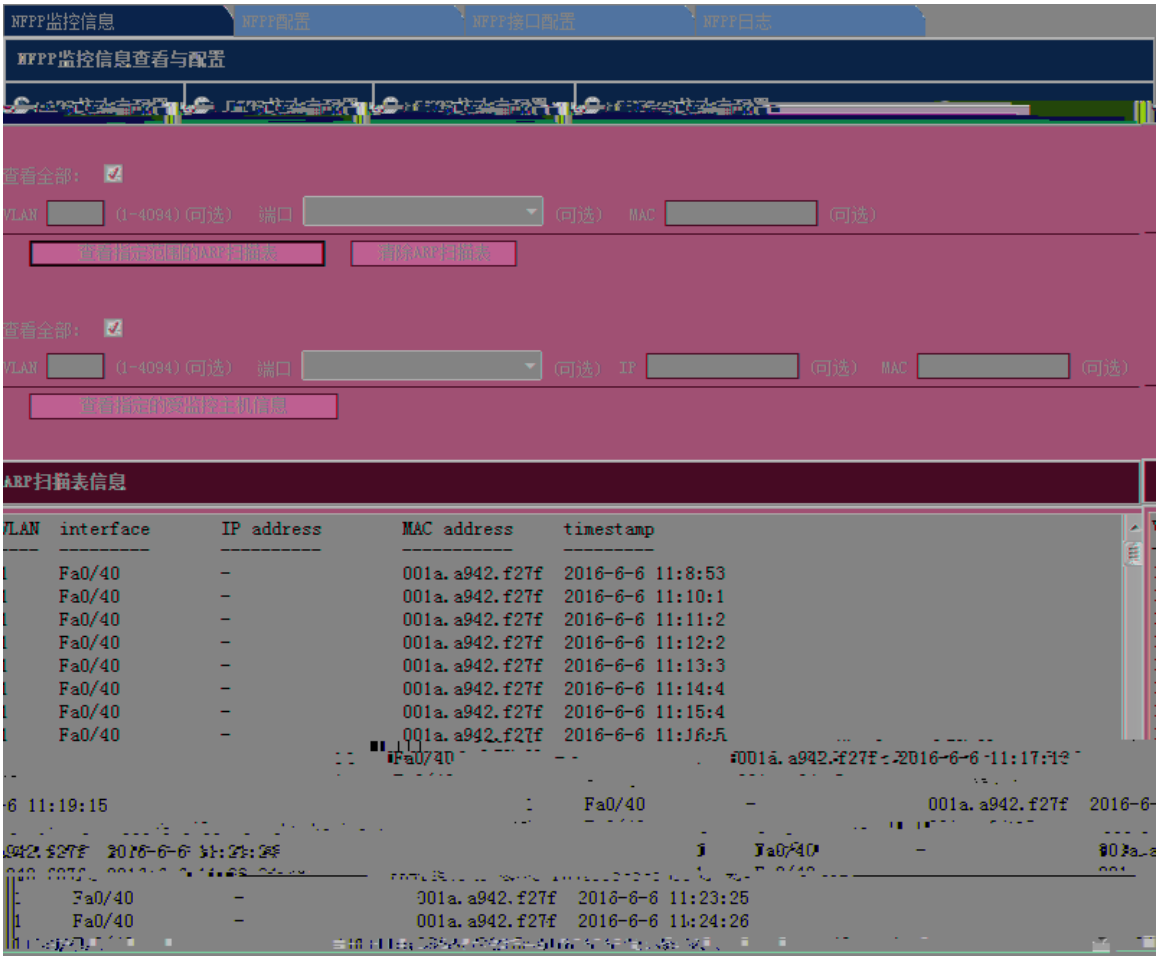
Ľ NFPP Ľ Â

1˜ NFPP


NFPP监控信息
NFPP配置
NFPP接口配置
NFPP日志
NFPP监控信息查看与配置
查看全部:
主机信息
VLAN
接口
受监控主机的IP地址
受监控主机的mac地址
剩余监控时间

20 NFPP

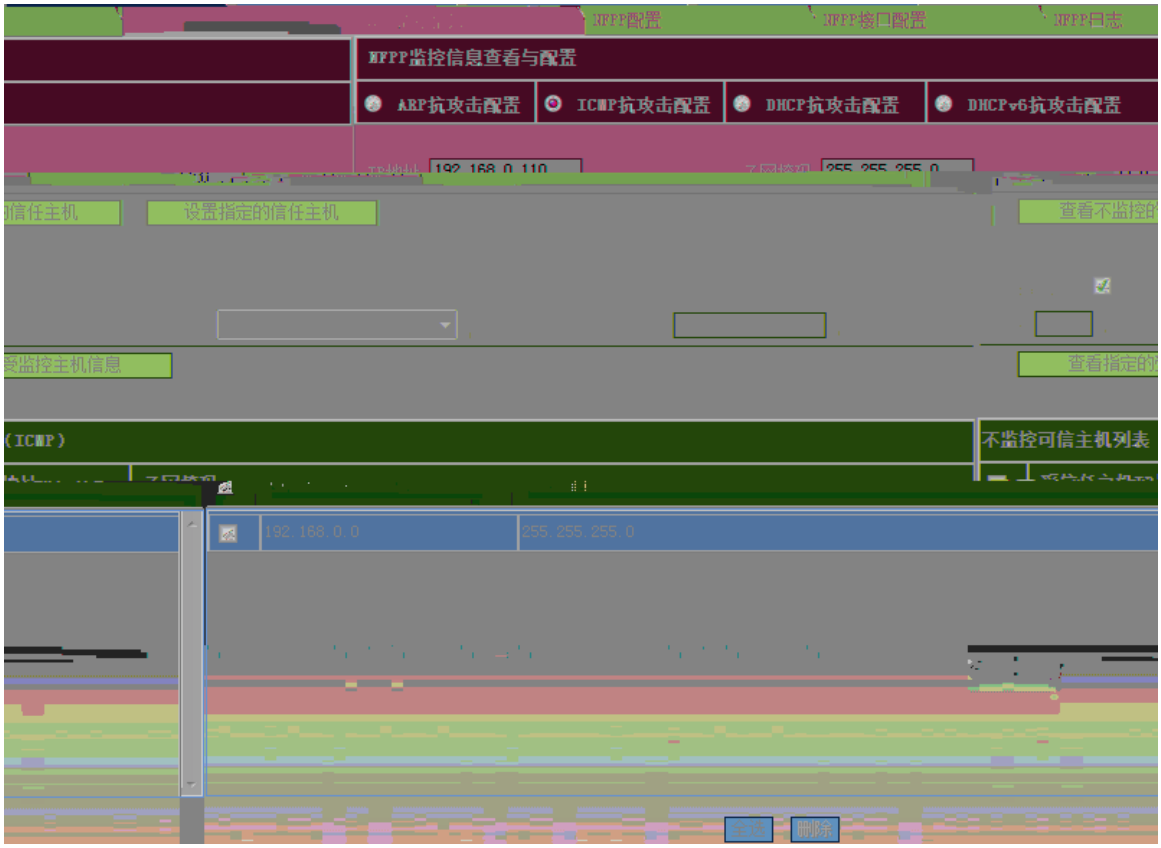
- ARP



21 ARP

ARP ˅ ў
ľ ARP Ł ARP a
ľ Ł ARP Â ľ ARP Ł
ARP Â ľ ˅ ў Ł
˅ ў a ľ Ł ˅ ў Â
ў ł ľ Ł Â
ў ľ Ł ł ў ľ Ł Â

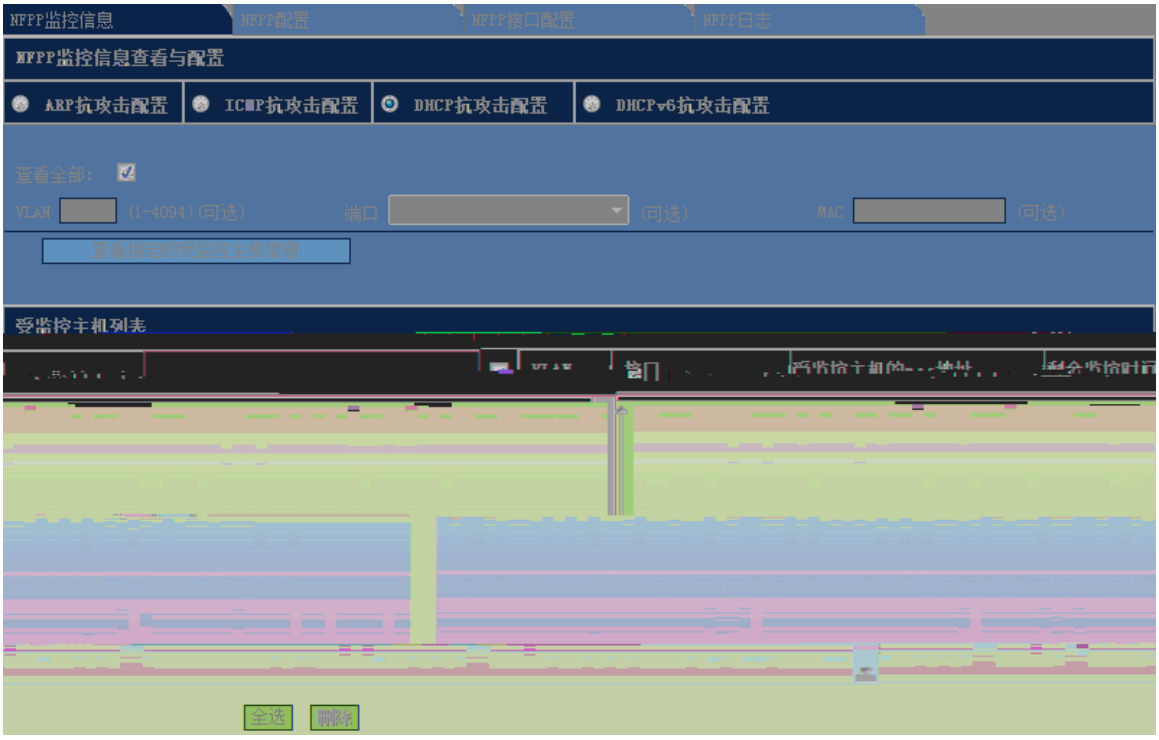
- ICMP



22 NFPP --ICMP

ICMP

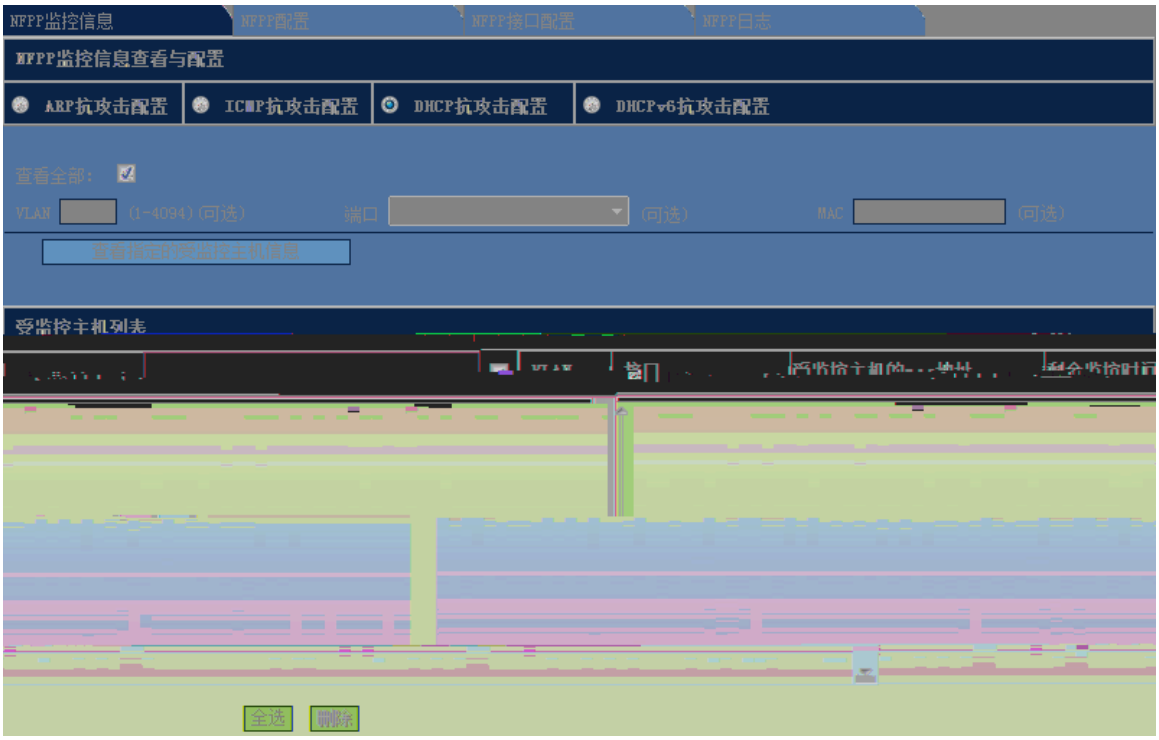
- DHCP



23 NFPP —DHCP

DHCP

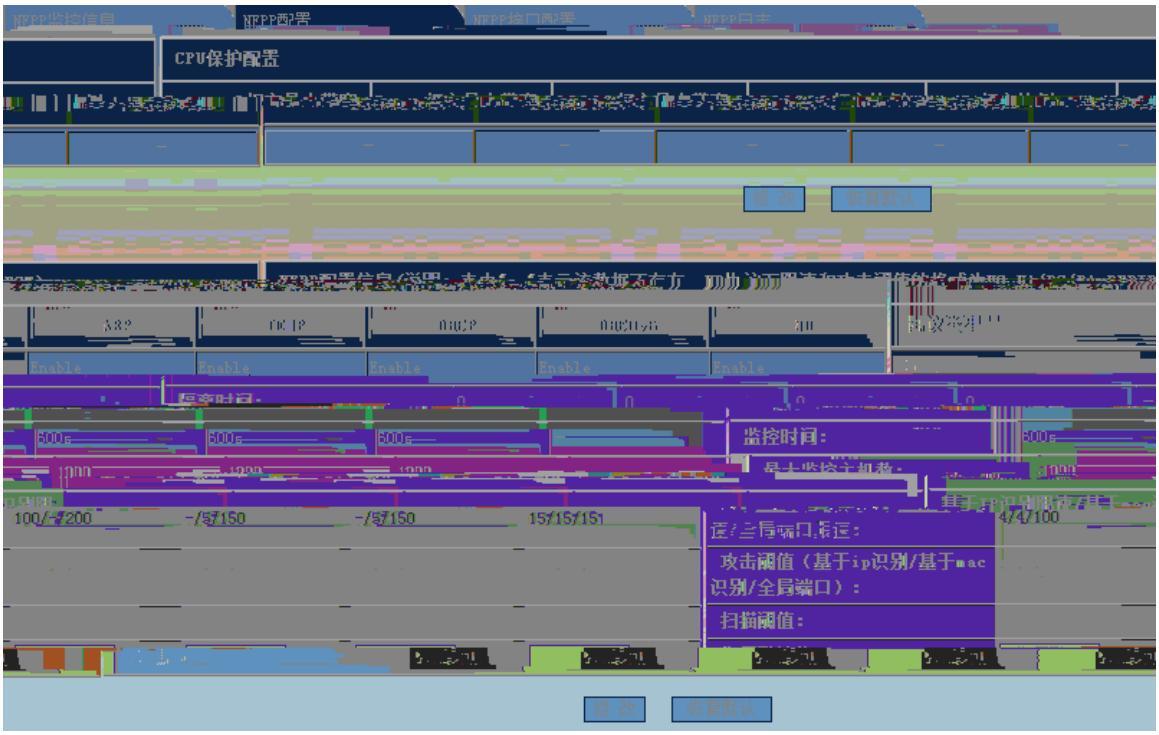
- DHCPv6



24 NFPP —DHCP

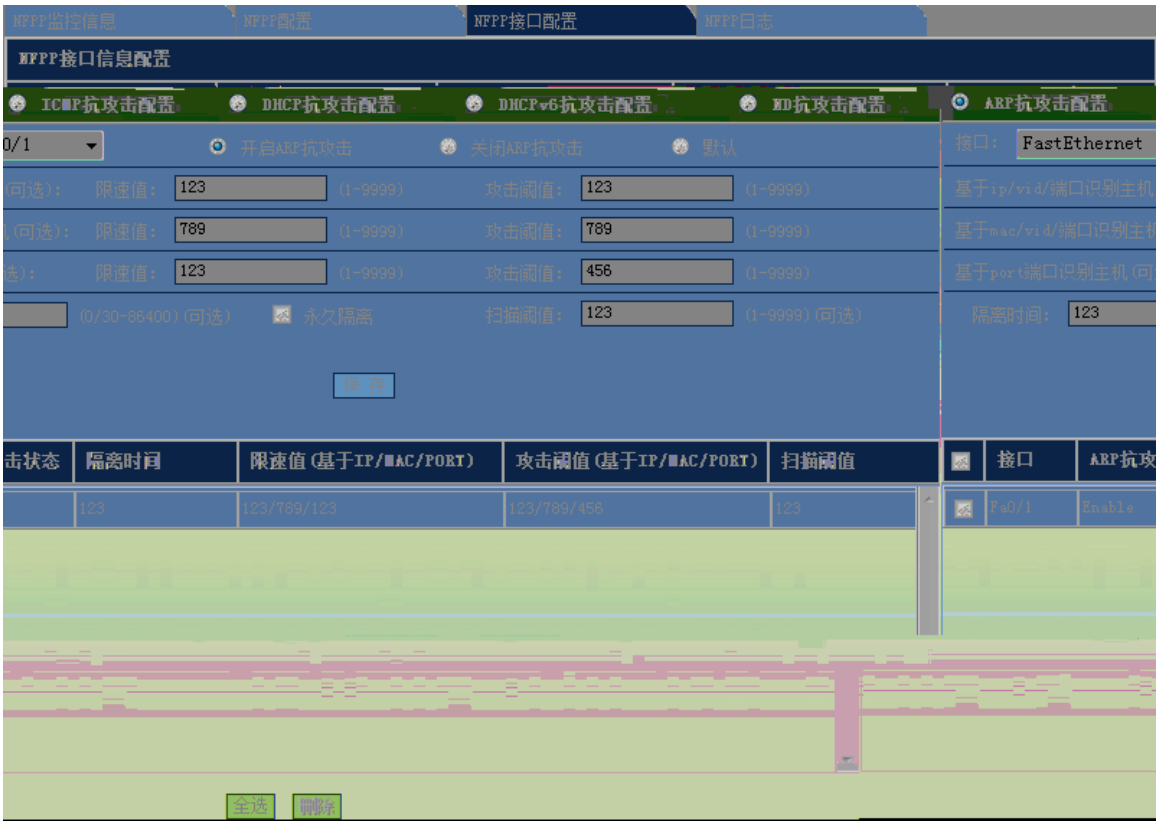
DHCPv6

2˜ NFPP



25 NFPP —

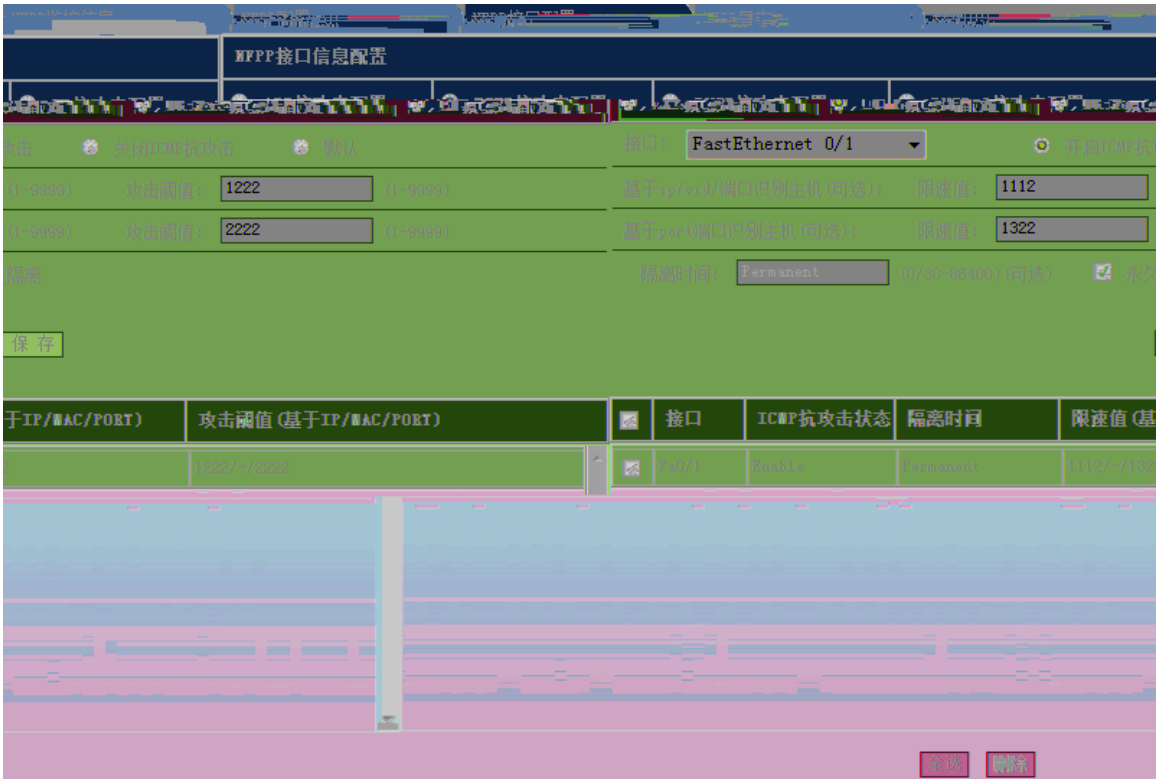
CPU



28 NFPP —NFPP ARP

ARP NFPP

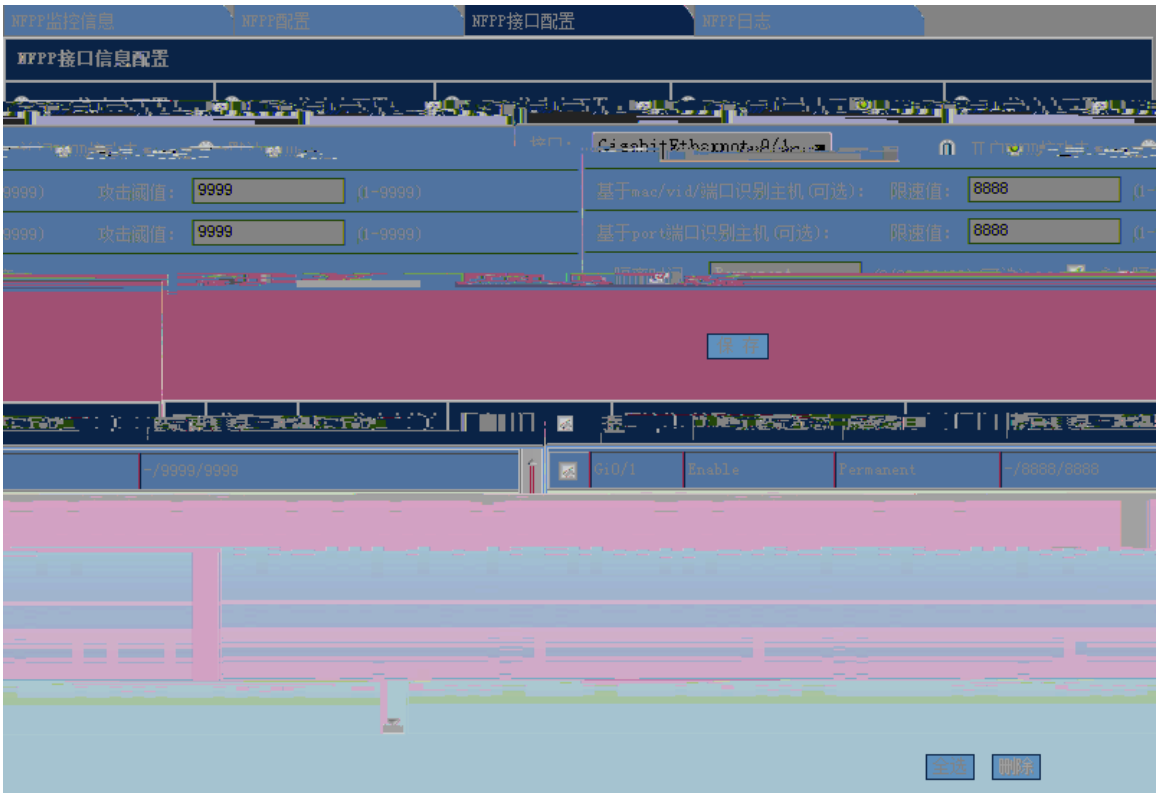
- ICMP



29 NFPP —NFPP ICMP

ICMP NFPP

- DHCP



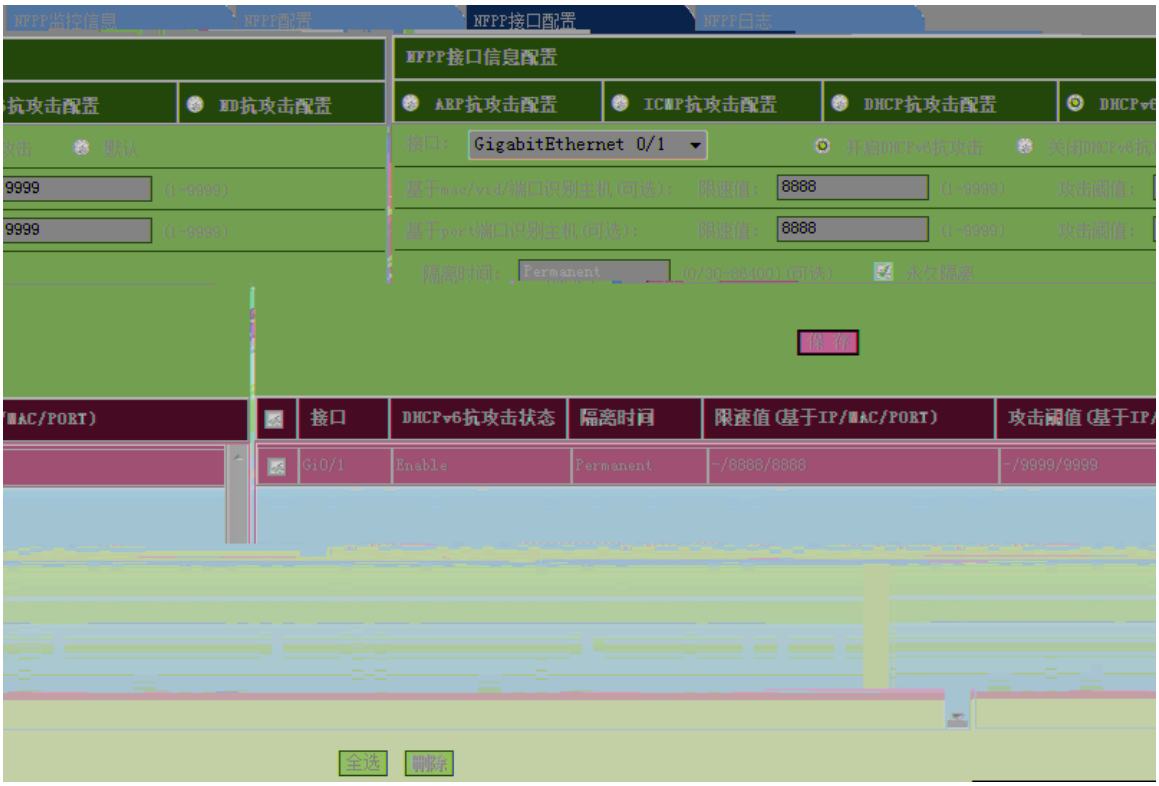
30 NFPP —NFPP DHCP

DHCP NFPP

ł Ľ Ł ╖ ł ╖ Ю

a ù Â

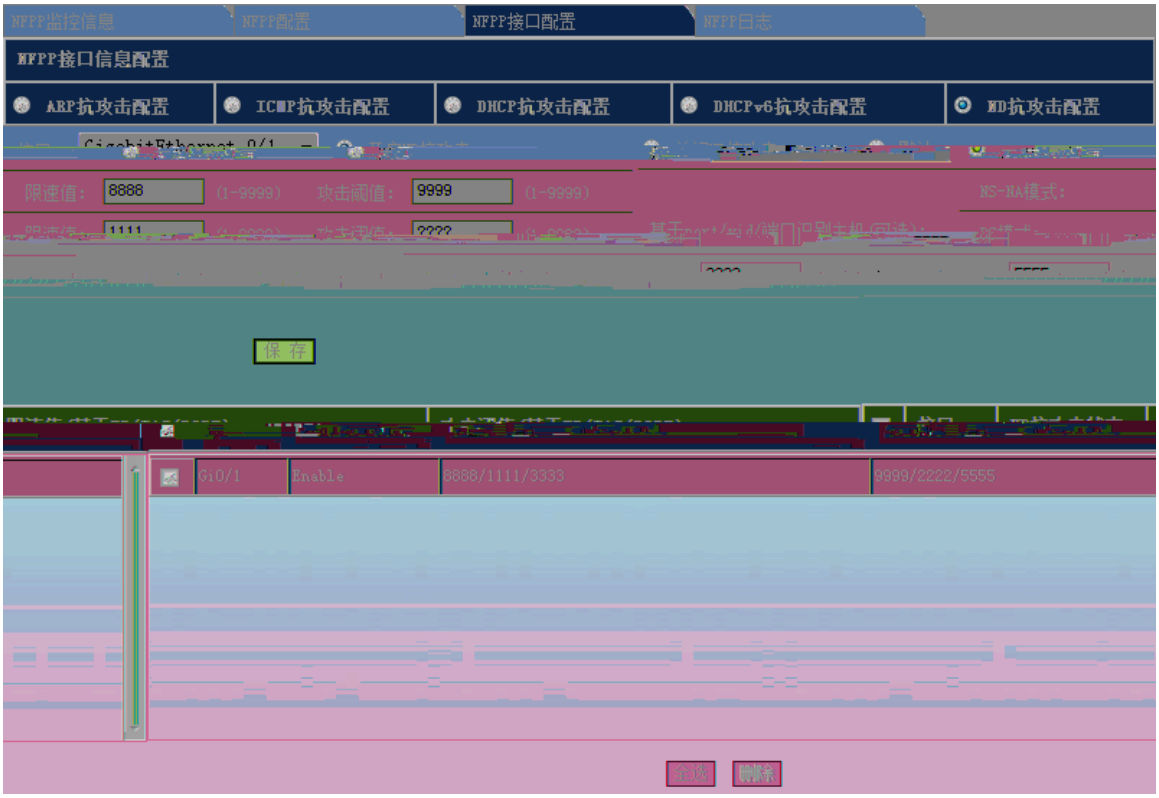
- DHCPv6



31 NFPP —NFPP DHCPv6

DHCPv6 NFPP

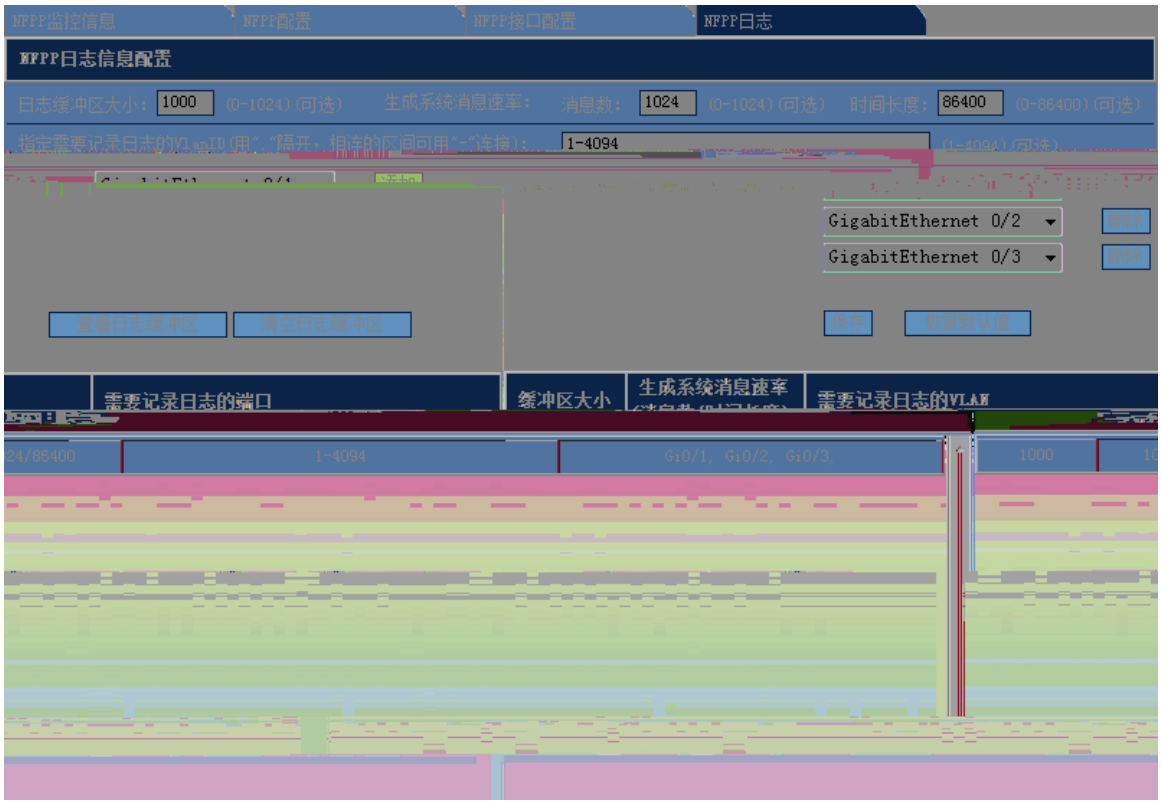
- ND

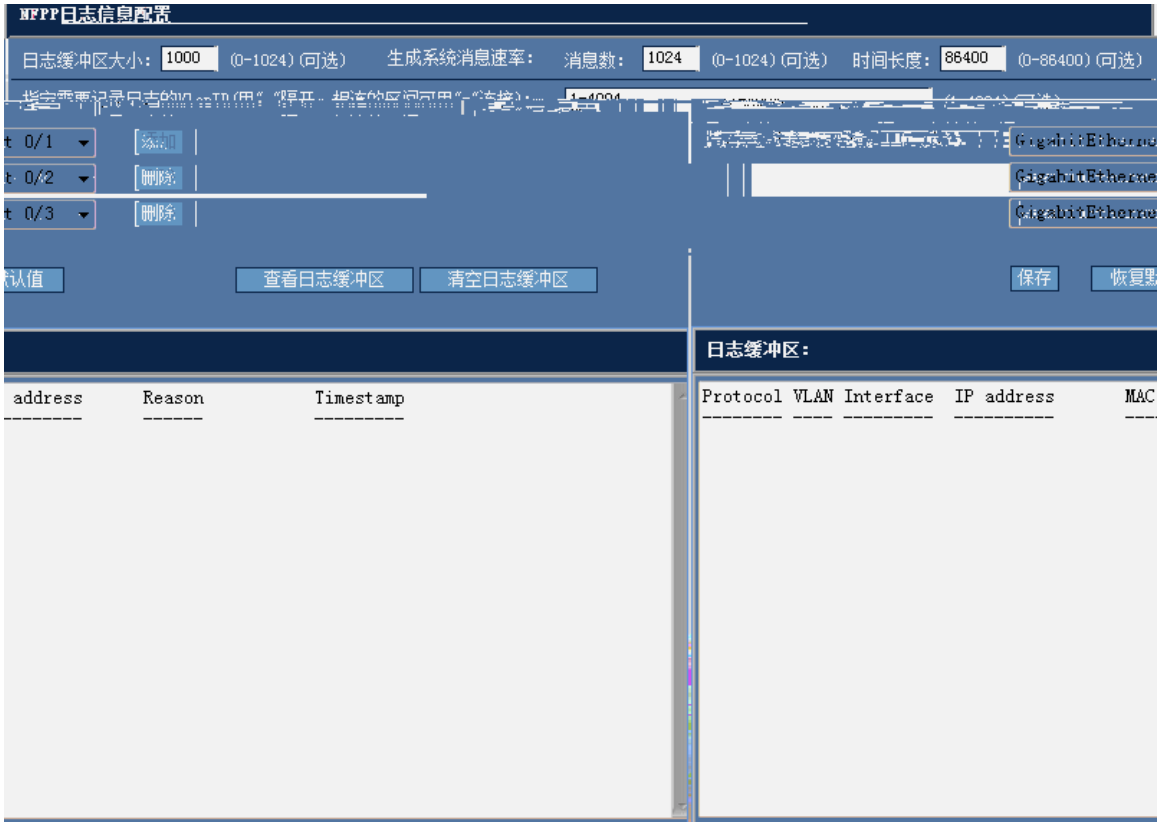


32 NFPP —NFPP ND

ND NFPP

4˜ NFPP


NFPP监控信息
NFPP配置
NFPP接口配置
NFPP日志
NFPP日志信息配置
日志缓冲区大小：
1000
(0-1024)(可选)
生成系统消息速率：
消息数：
1024
(0-1024)(可选)
时间长度：
86400
(0-86400)(可选)
1-4094
GigabitEthernet 0/2
GigabitEthernet 0/3
查看日志缓冲区
清空日志缓冲区
缓冲区大小
生成系统消息速率
需要记录日志的VLAN
1-4094
Gi0/1, Gi0/2, Gi0/3,
1000



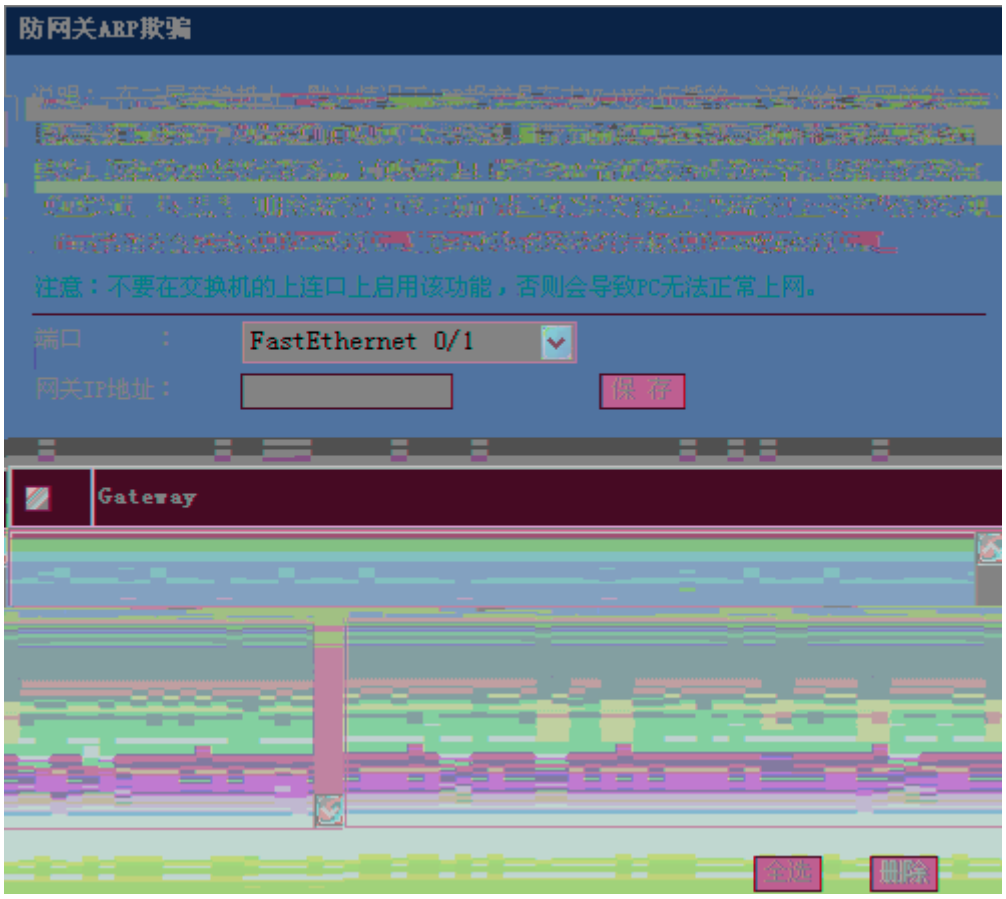
34

2.3

2.3.1 ARP

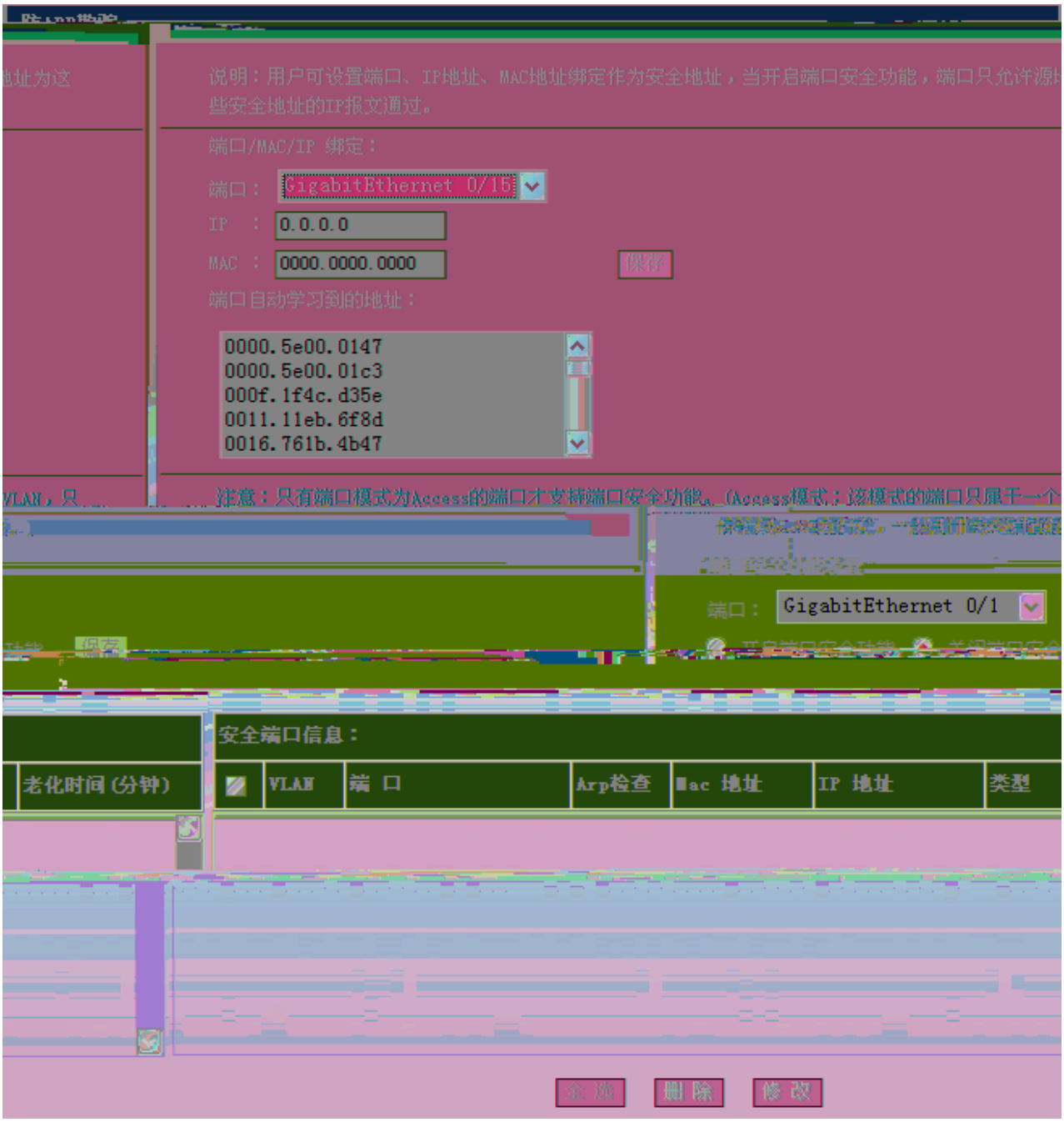
ľ ARP Ł ╖ Â

ARP ‘



35 ARP

2.3.2 ARP



36 ARP

1) /MAC/IP

/MAC/IP IP MAC

MAC

GigabitEthernet 0/15

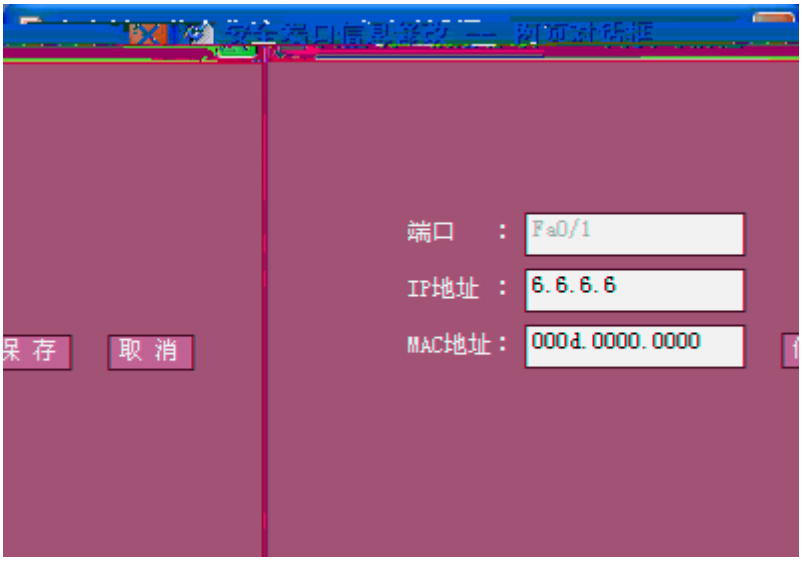
MAC Â

2˜

ł ╖ ╖
╖ Â ╖ Ю
Â

3)

ł ľ Ł
Ю ‘



37

ł ľ Ł ŕ ł
ŕ Â

2.3.3 APR

ľ ARP Ł ╖ Â
ARP ‘

38 ARP

‘

╖ ľ ARP ╖ Ł
ľ ARP ╖ Ł Â

2.3.4 ACL

ľ ACL Ł ╖ Â

ACL ‘

39 ACL

1˜ ACL

‘

ACL ACL ACL

ACL ł ACL ACE Â ACE

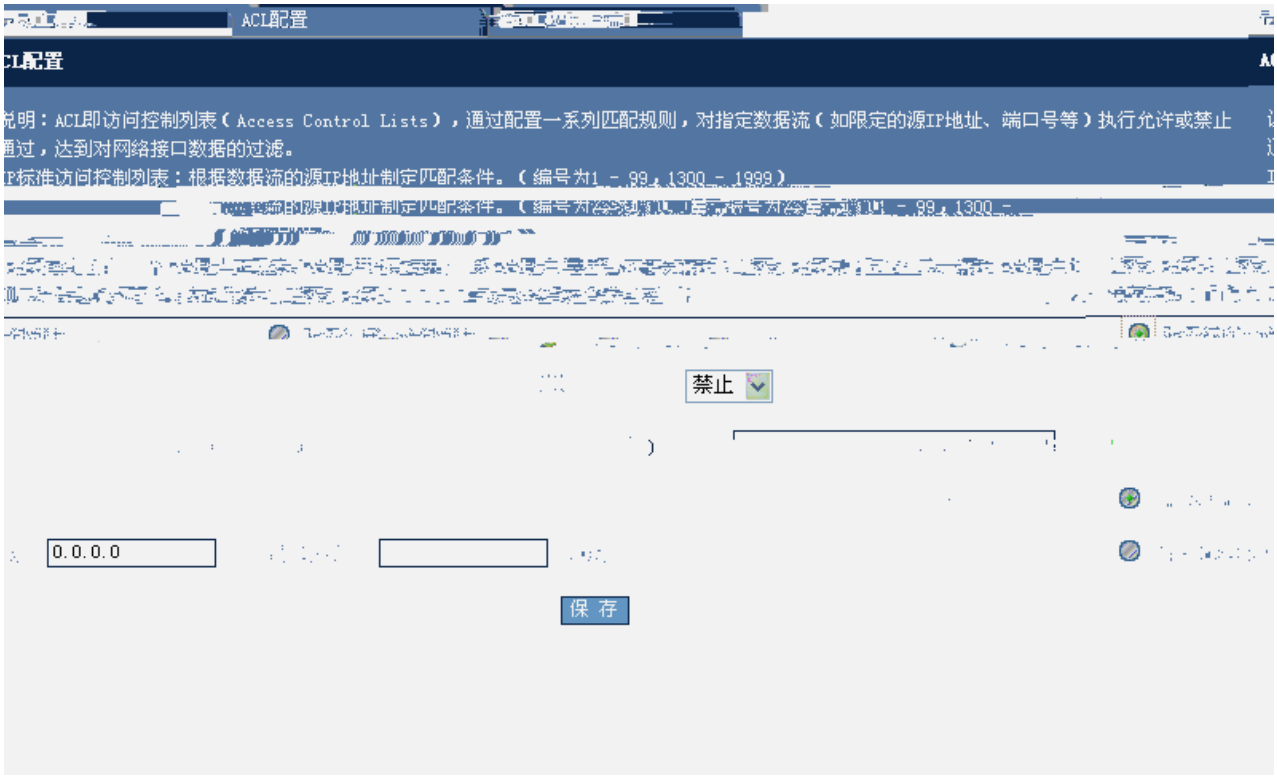
ł ľ Ł Â ACL ľ Ł ł ACE

ľ Ł Â

2˜ ACL

IP ľ IP Ł Ю й IP

‘



40 IP

‘

‘ Ю ľ Ł ľ Ł ч Â

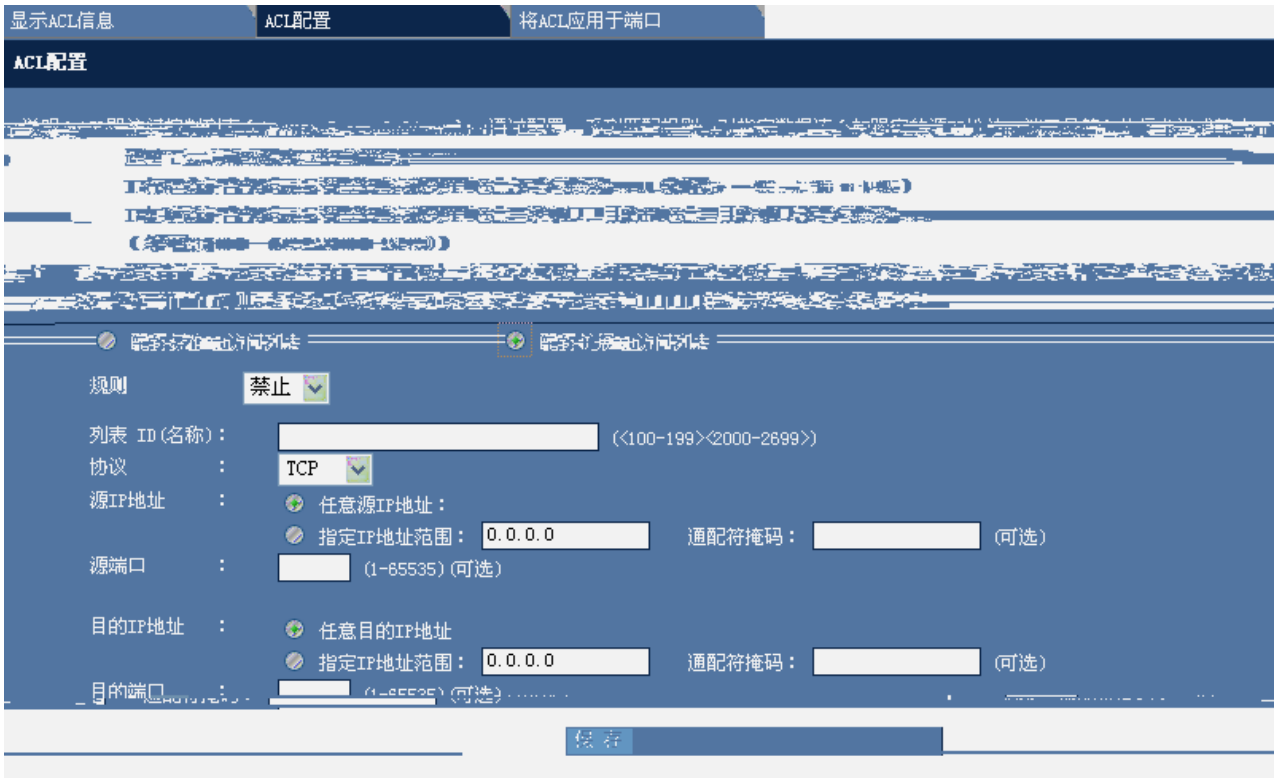
IDˇ ¨ ~ ‘ ≠ Л‰ ¨ Â

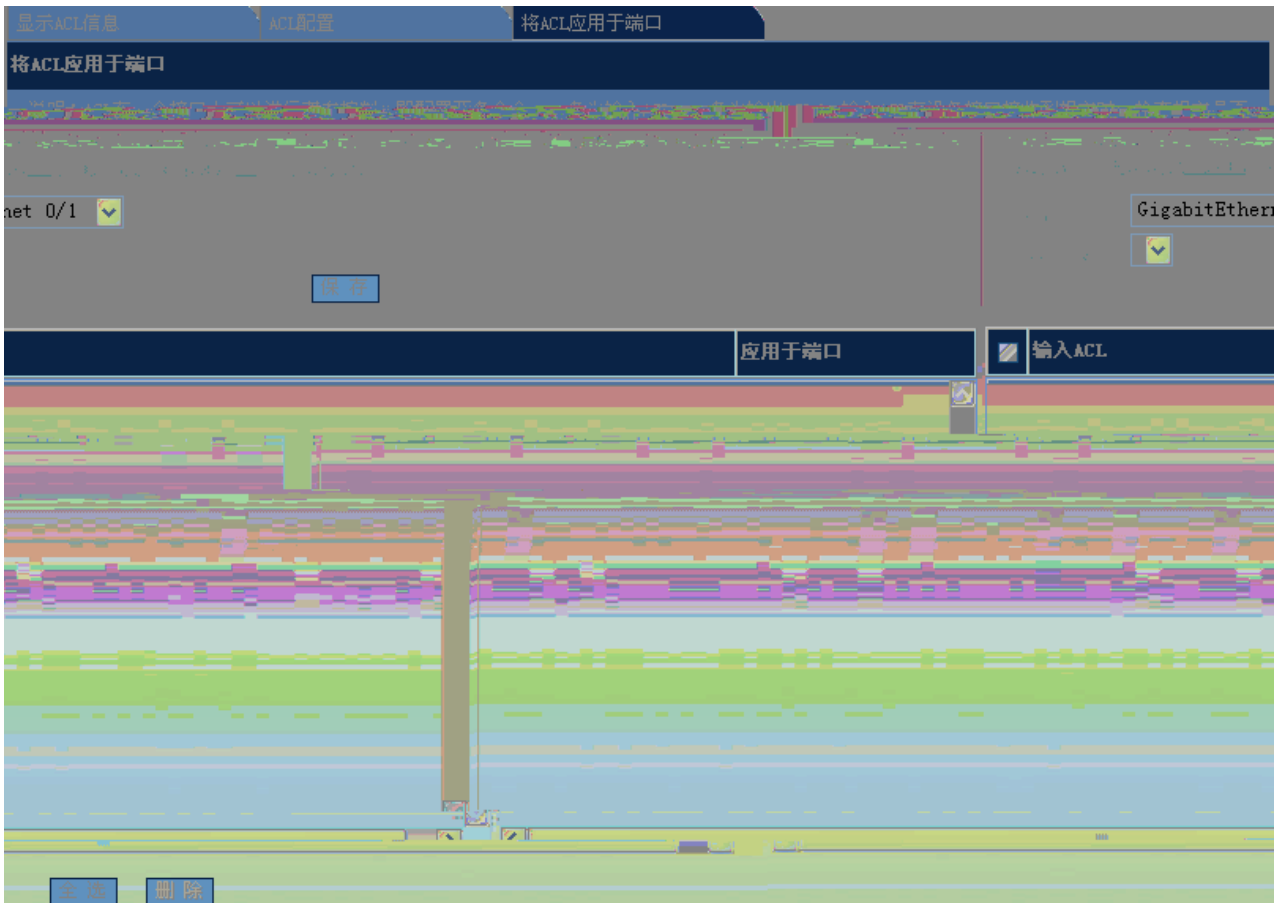
IP ‘ IP , IP a Л‰

a ł ľ Ł Â

IP ľ IP Ł Ю ѝ IP

‘


显示ACL信息
ACL配置
将ACL应用于端口
ACL配置
规则
禁止
列表 ID(名称)：
(<100-199><2000-2699>)
协议
TCP
源IP地址
任意源IP地址：
指定IP地址范围：
0.0.0.0
通配符掩码：
(可选)
源端口
(1-65535)(可选)
目的IP地址
任意目的IP地址
指定IP地址范围：
0.0.0.0
通配符掩码：
(可选)



42 ACL

ACL ACL Â

ł l' Ł Â

ł l' Ł Â

б PC ACL PC б Â
WEB Â

2.3.5 IP Source Guard

IP Source Guard:

IP Source Guard ╖ IP [VLAN à MAC à IP à PORT] ù Â

IP Source Guard ╖ DHCP Snooping Â DHCP Snooping IP IP Source Guard ╖ DHCP ㄟ IP IP Â

IP Source Guard DHCP Snooping Э
DHCP Snooping Э ╖ ╖ a Â

ľ IP Source Guard Ł ╖ Â

IP Source Guard ‘

43 IP Source Guard

1˜

‘

‘ IP Source Guard ╖ Â

й‘ IP+MAC ľ IP+MAC ╖ ( ) Ł

2˜

IP

‘

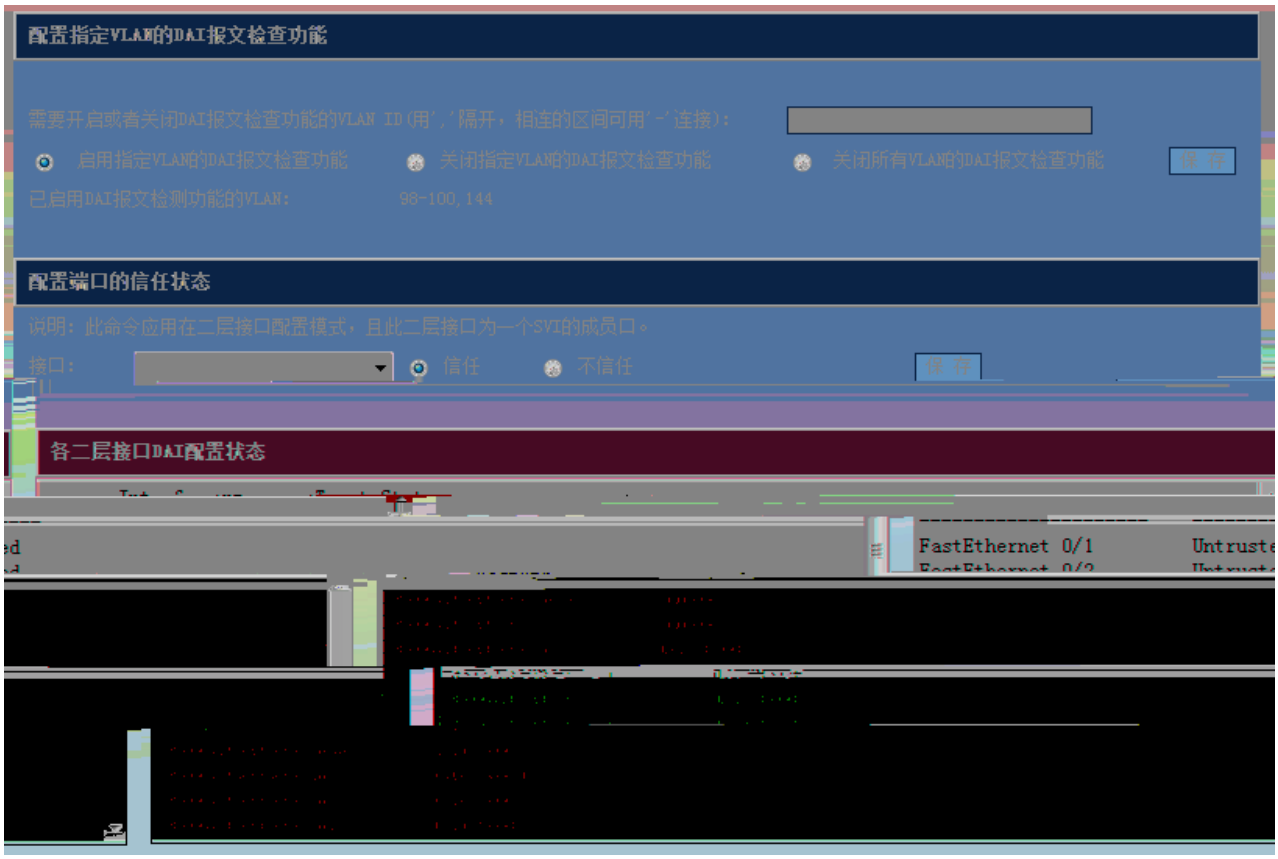
MAC ‘ MAC

VLAN' VLAN ID

IP ' IP

' Â

IP 44



45 DAI

1˜ VLAN DAI ╖

Ю VLAN DAI ╖ Â

VLAN 100 DAI ╖ vlan-id ѝ 100 ARP DAI Â

‘

ľ DAI ╖ VLAN ID Ł VLAN Â

ł VLAN DAI ╖ VLAN DAI ╖ ł Â

ł Э DAI ╖ VLAN Â

2˜

Э ARP ∧

DAI ѝ ARP ’ ARP ш DAI Â

ѝ ∧ ў ѝ Â

‘

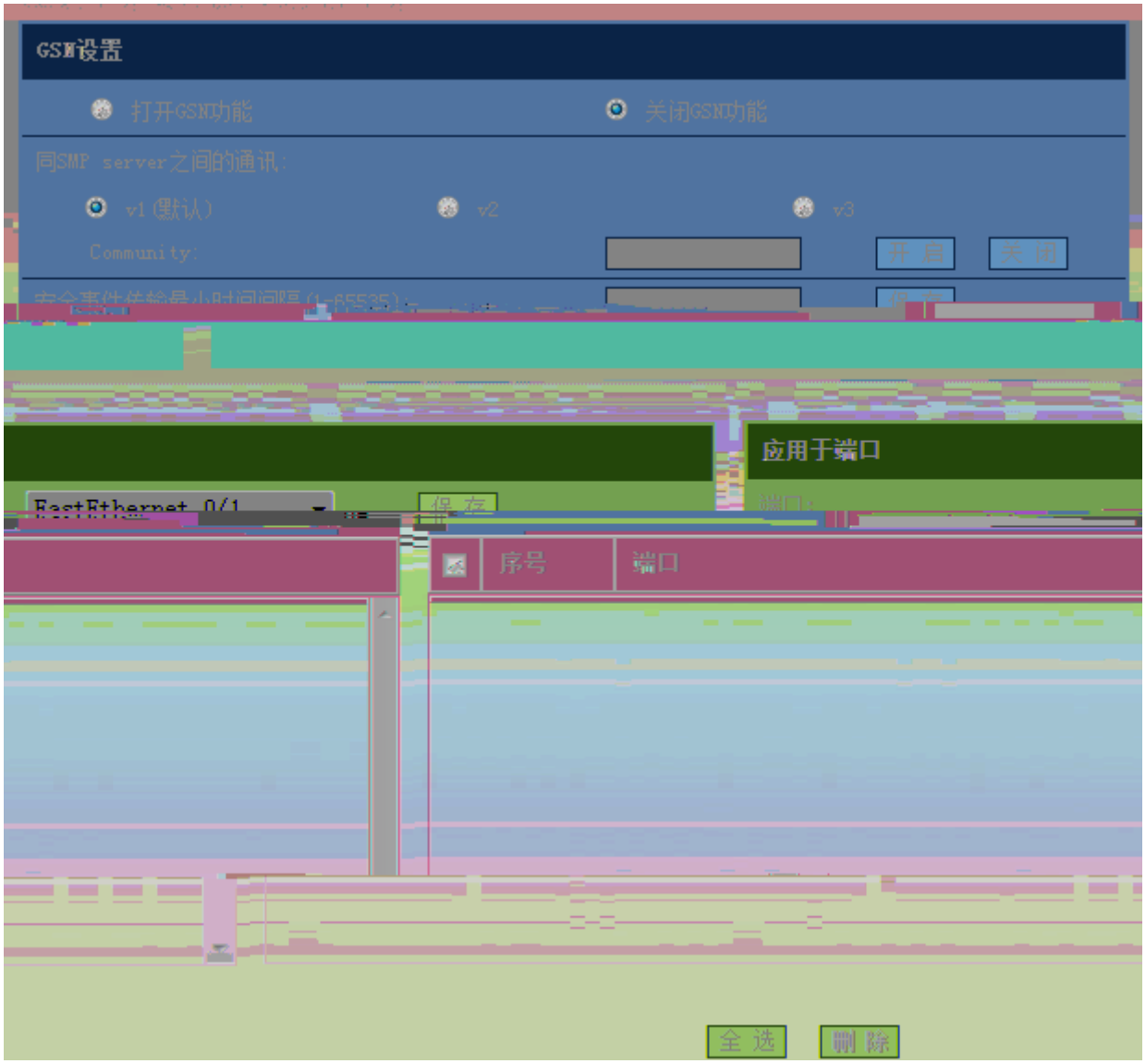
Ю ľ Ł ľ a Ł ł Â

Ľ DAI Ł Â

2.3.7 GSN

Ľ GSN Ł ╖ Â

GSN ˙



46 GSN

˙

1) GSN ╖

GSN GSN GSN GSN Â

2) ˇ SMP server

ˇ SMP server v1ˆ ˜ v2 v3 Ь Community User

ł ł Â Â

3)

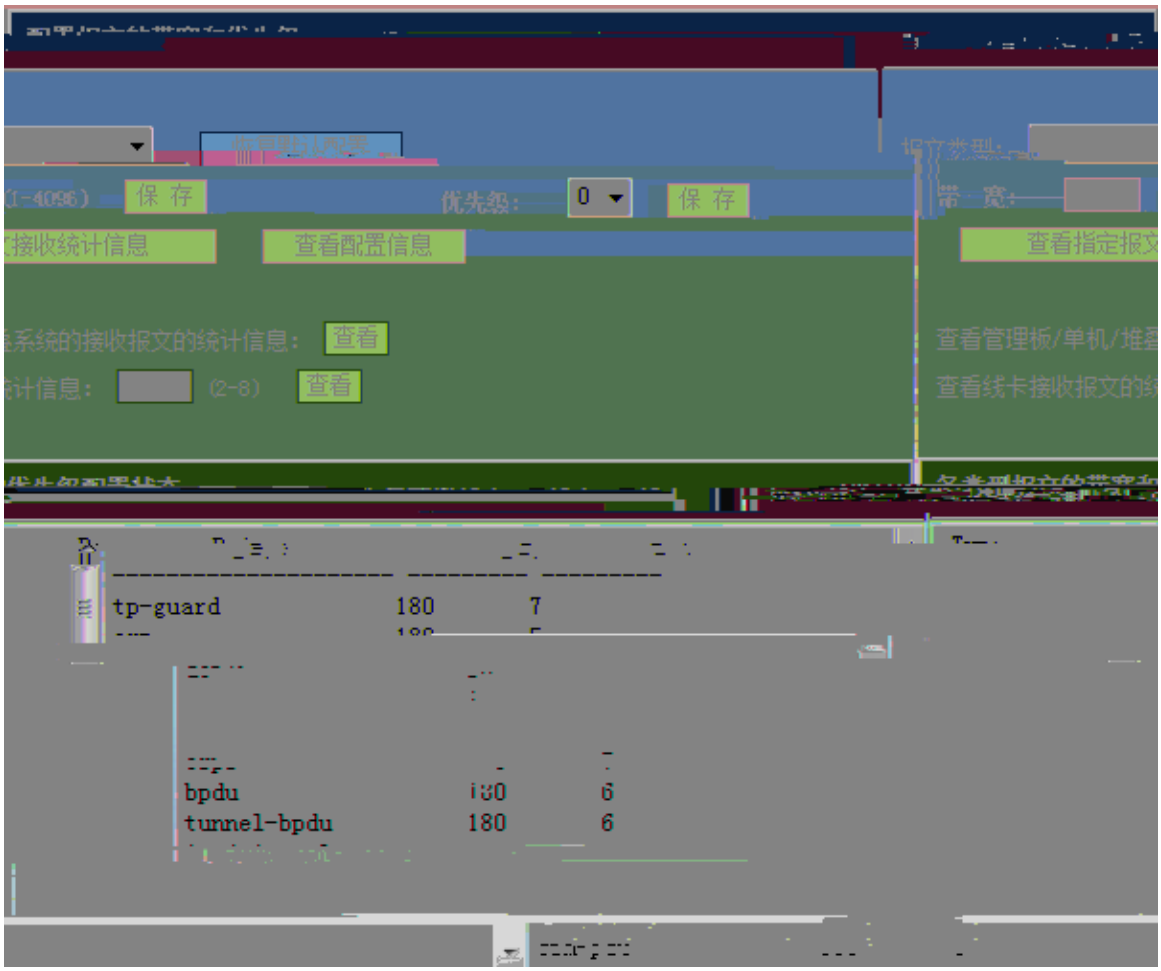
GSN ł GSN ł

Ю Â Ą Ю

Â

2.3.8 CPP

ľ CPP Ł ╖ Â



47 CPP

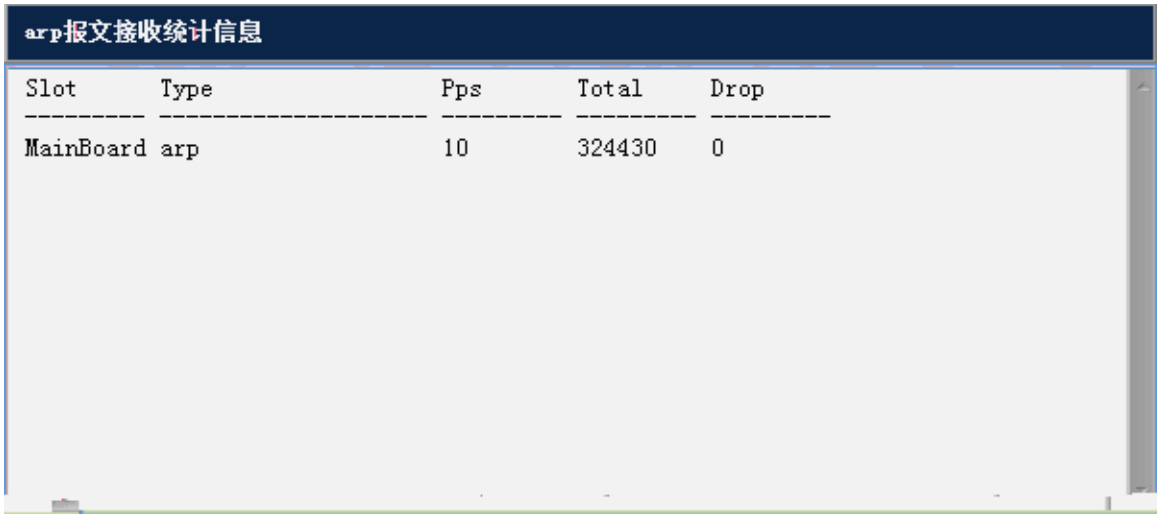
‘

ľ Ł й

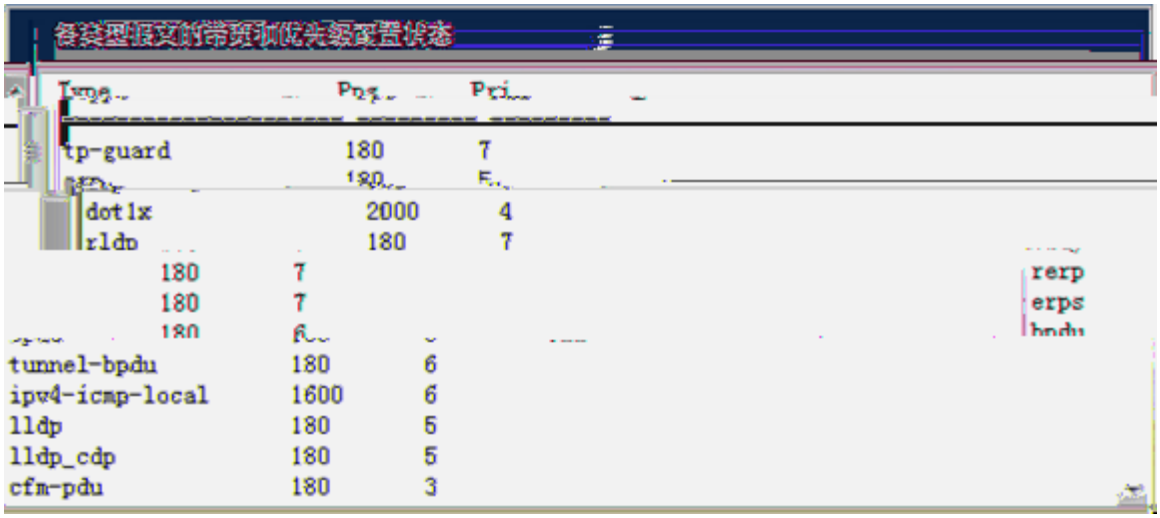
ł ľ Ł ╖ ł ╖ Â ł

ľ Ł ╖ ł ╖ Â

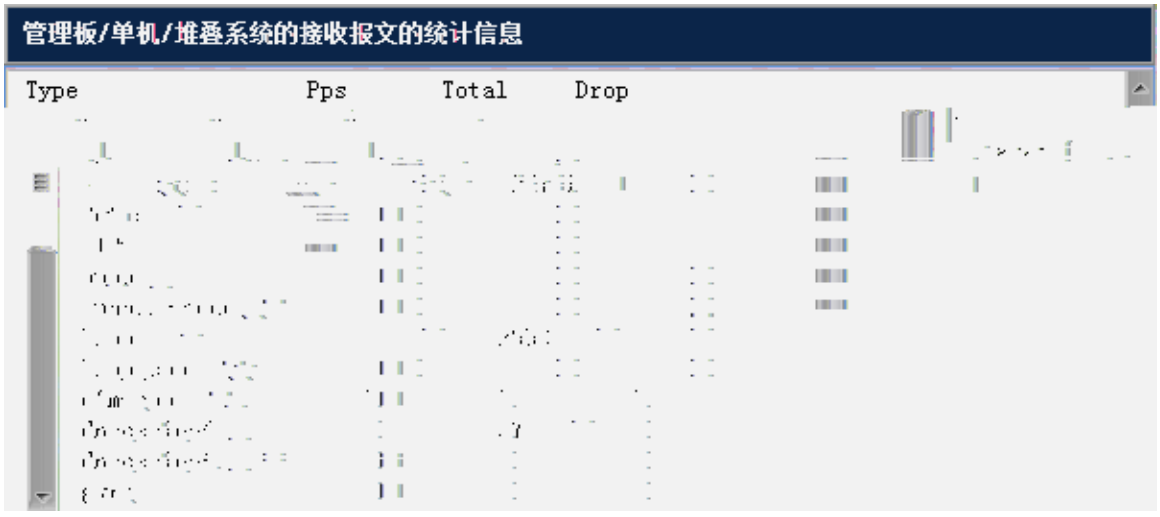
ľ Ł Ю ‘


arp报文接收统计信息
Slot Type Pps Total Drop
MainBoard arp 10 324430 0

48


tp-guard 180 7
dot1x 2000 4
180 7
180 7
tunnel-bpdu 180 6
ipv4-icmp-local 1600 6
lldp 180 5
lldp_cdp 180 5
cfm-pdu 180 3

49


管理板/单机/堆叠系统的接收报文的统计信息
Type Pps Total Drop

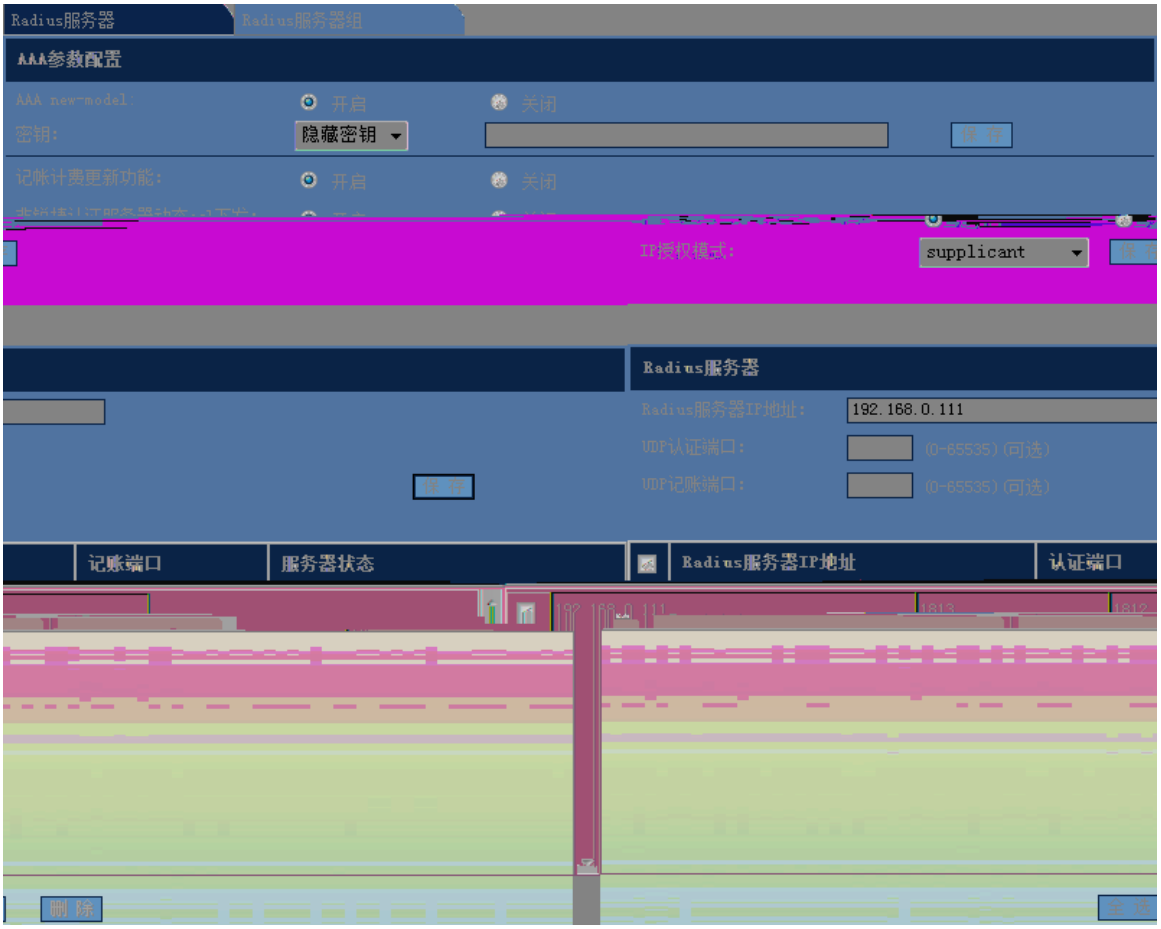
50 / /

. ľ Ł Â

2.3.9 RADIUS

ľ RADIUS Ł ╖ Â

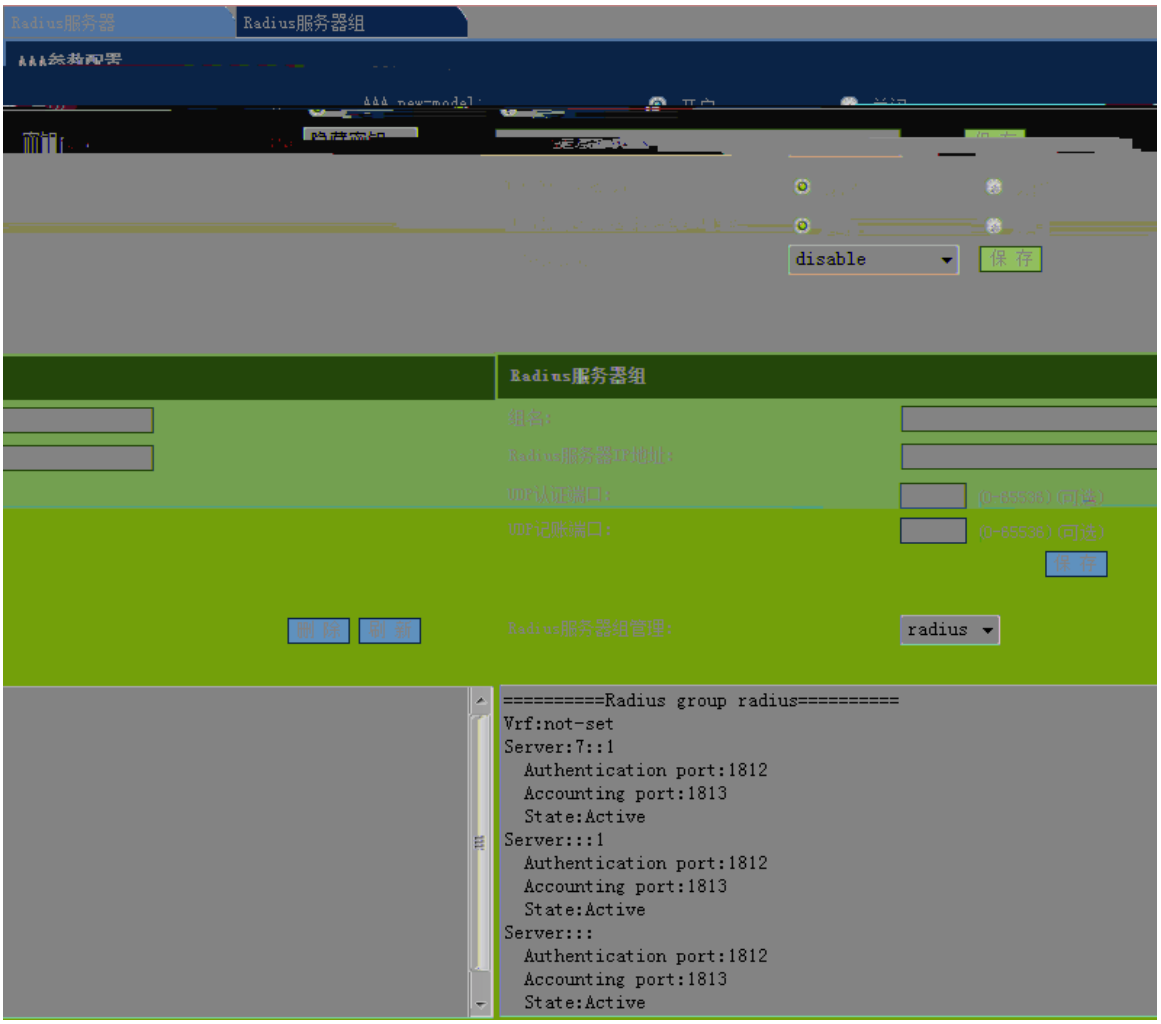
1˜ RADIUS Ł



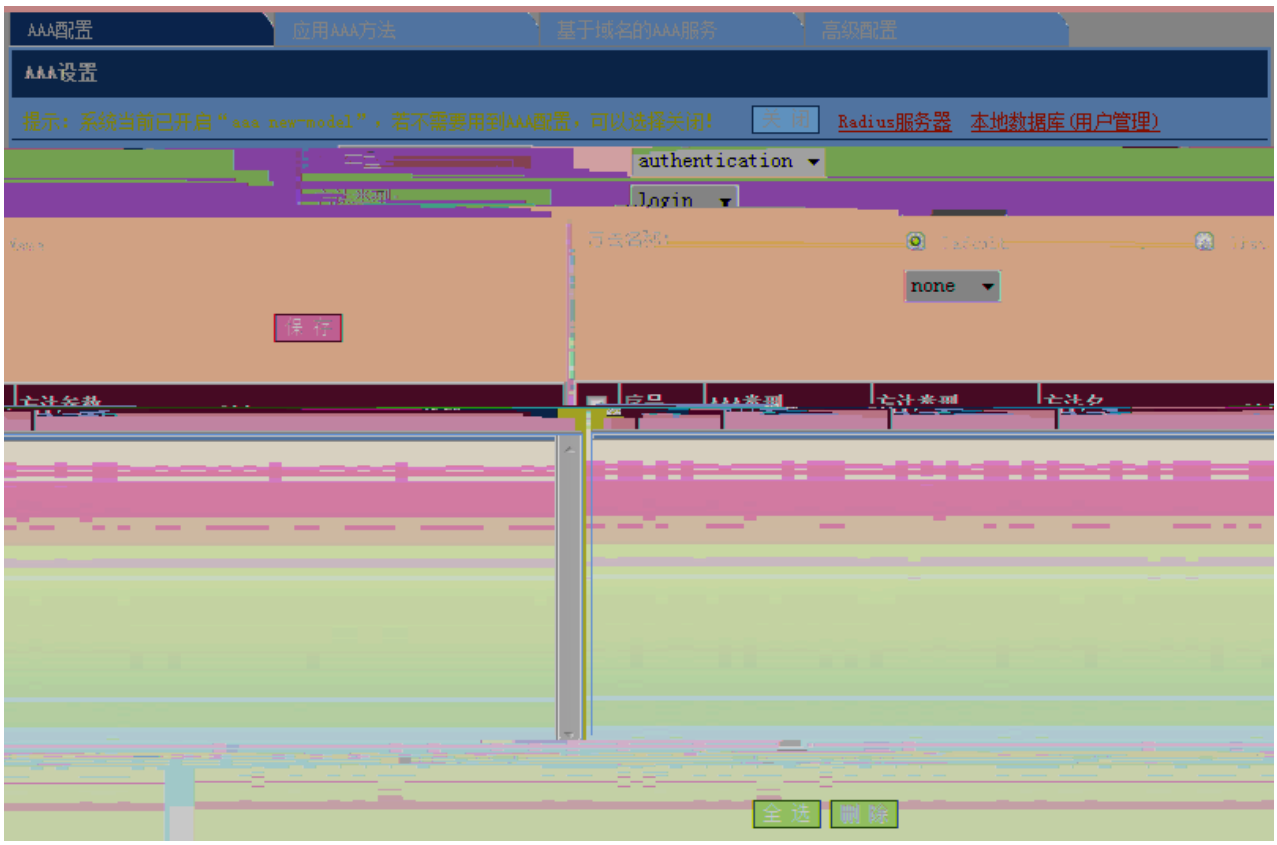
51 RADIUS Ł

Э ù AAA AAA ╖ Ю RADIUS Ł

Â AAA new-model ł ľ Ł AAA ģ Ղ ³ Ъ


Radius服务器
Radius服务器组
disable
保 存
Radius服务器组
组名:
UDP认证端口:
UDP记账端口:
radius
==========Radius group radius==========
Vrf:not-set
Server:7::1
Authentication port:1812
Accounting port:1813
State:Active
Server:::1
Authentication port:1812
Accounting port:1813
State:Active
Server:::
Authentication port:1812
Accounting port:1813
State:Active

52 RADIUS



53 AAA

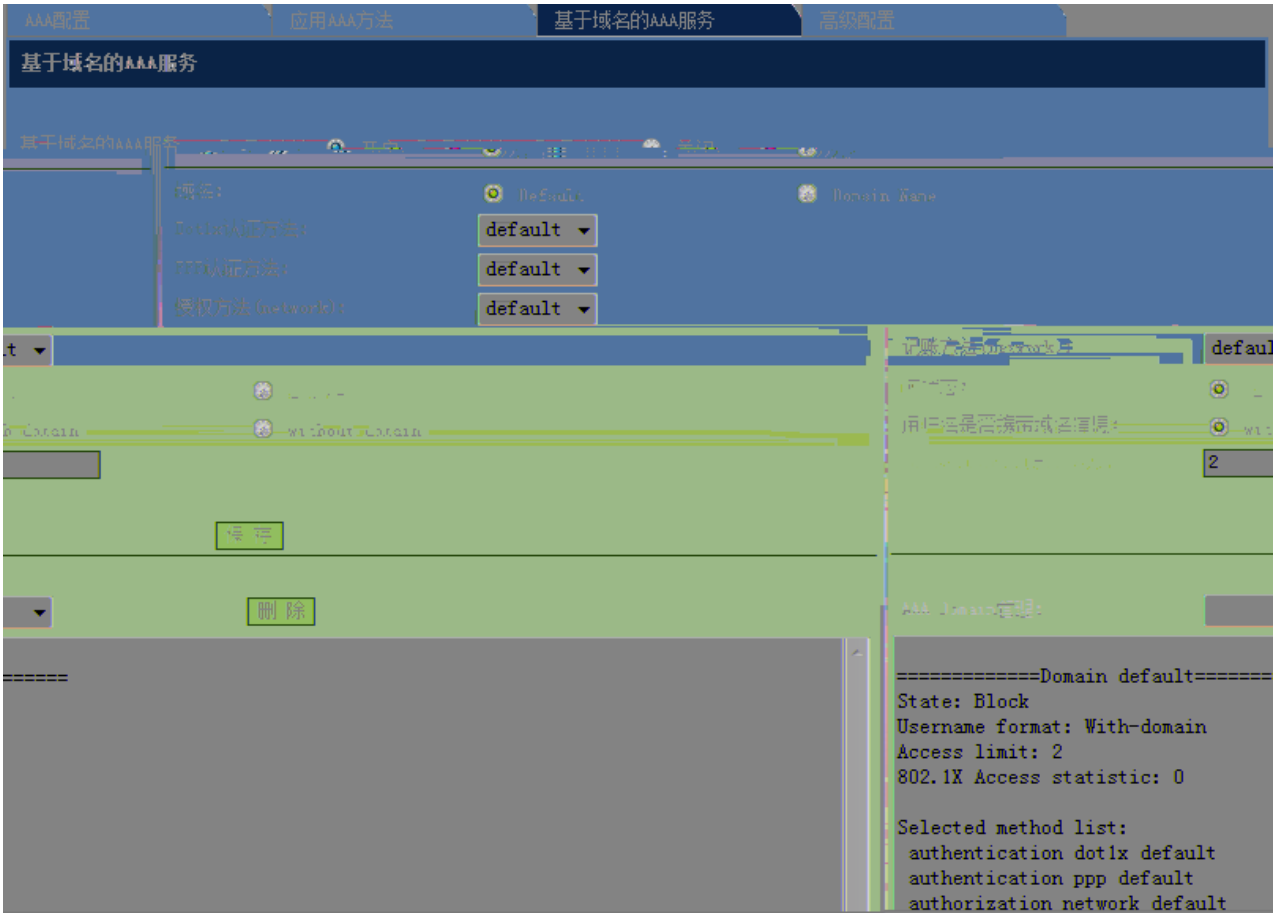
1˜ AAA

AAA

AAA ł AAA Â ł ł

Â ł Â

3˜ ¨ AAA Ł



55 AAA Ł

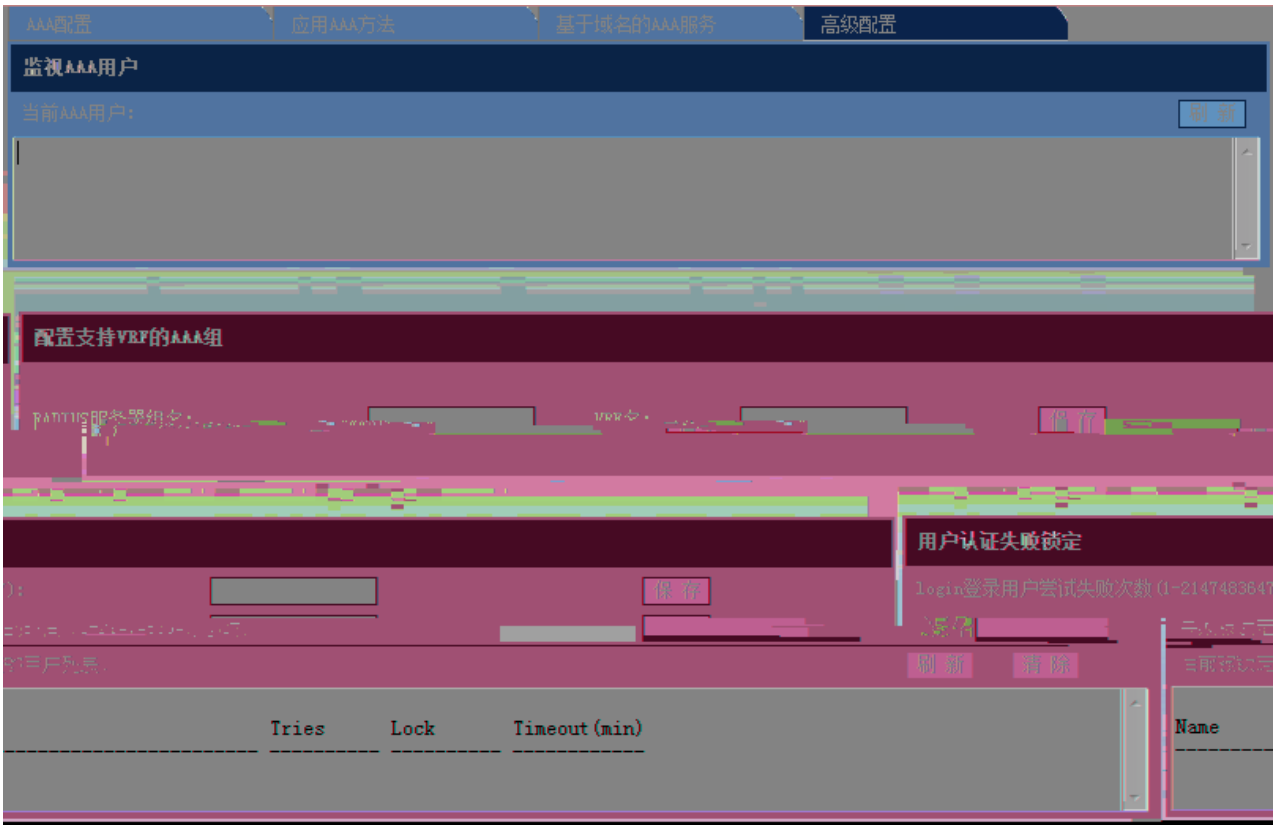
¨ AAA Ł ¨ Dot1x PPP

(network) (network) ¨ ¨ Access Limit ł

Ю Â

AAA Domain Ю Â

4˜ AAA



56 AAA

AAA Л AAA VRF AAA Â

2.3.11 Dot1x

ľ Dot1x Ł ╖ Â

1˜ Dot1x

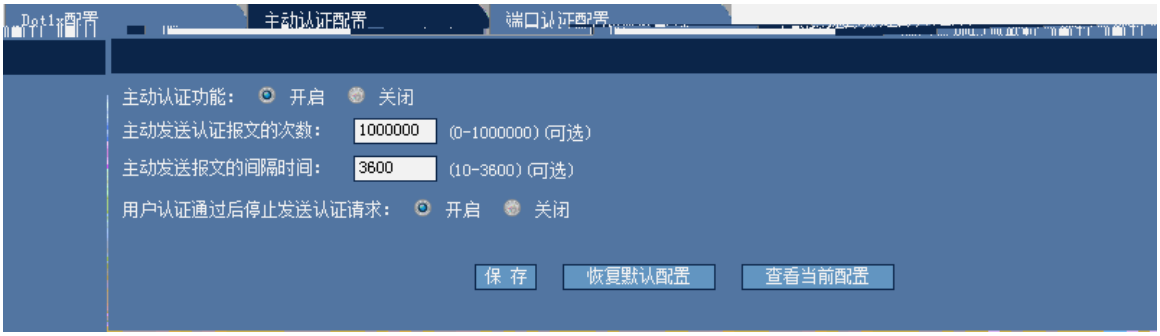
57 Dot1x

Dot1x ł ľ Ł

╖ ł ╖ ľ Ł ù ľ

Ł ù Â

2˜ ў



58

‘

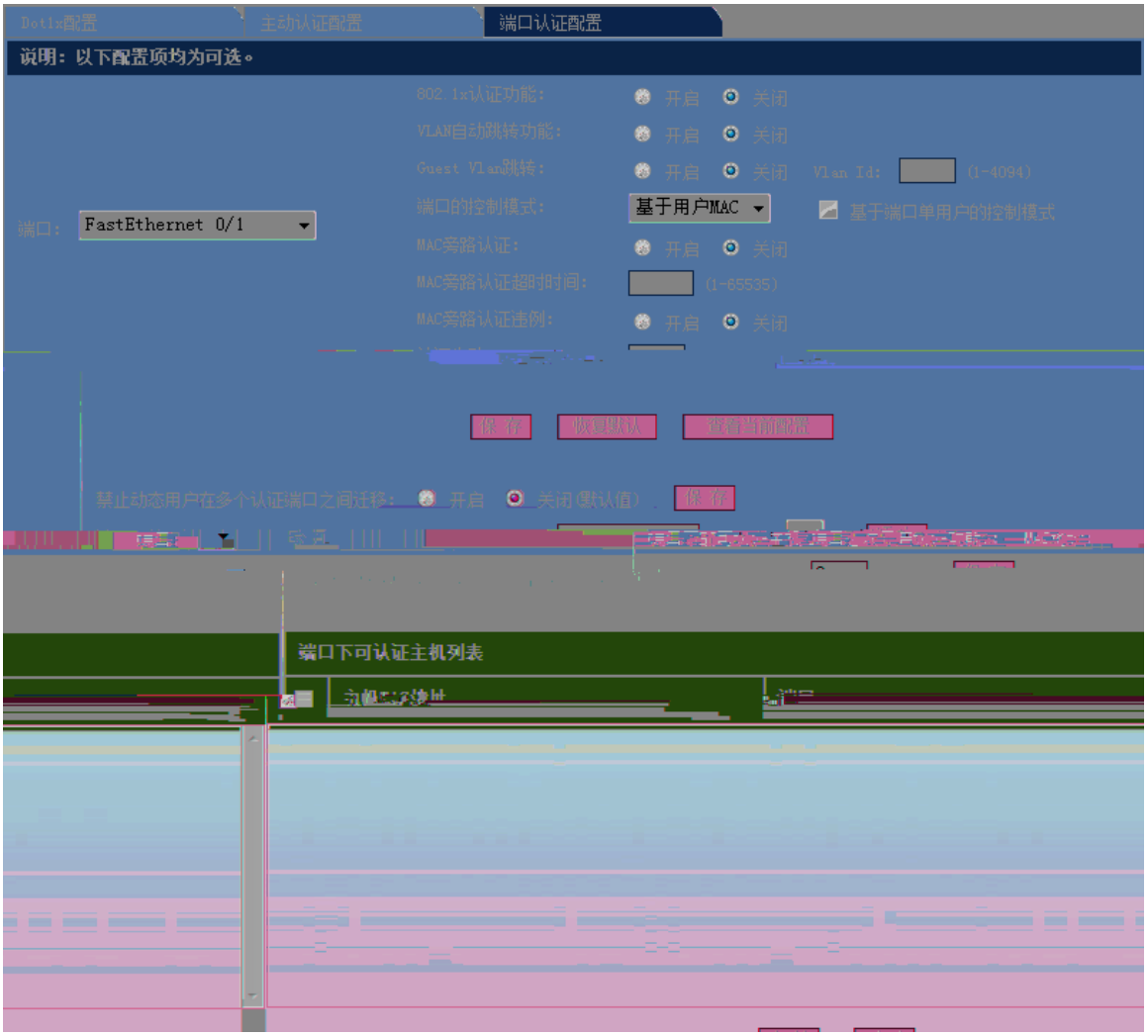
ў ╖

ł ł ľ Ł ╖ ł

╖ ľ Ł ù ľ Ł ù

Â

3˜



59

Э ù Dot1x ╖ ╖

ł ľ Ŀ ╖ ł ╖

ľ Ŀ Ю ù ľ Ŀ ù

Â

60 2

Э ╖ ŧ ľ Ł

╖ ŧ ╖ Â 802.1x ╖

ў MAC ŧ ľ Ł

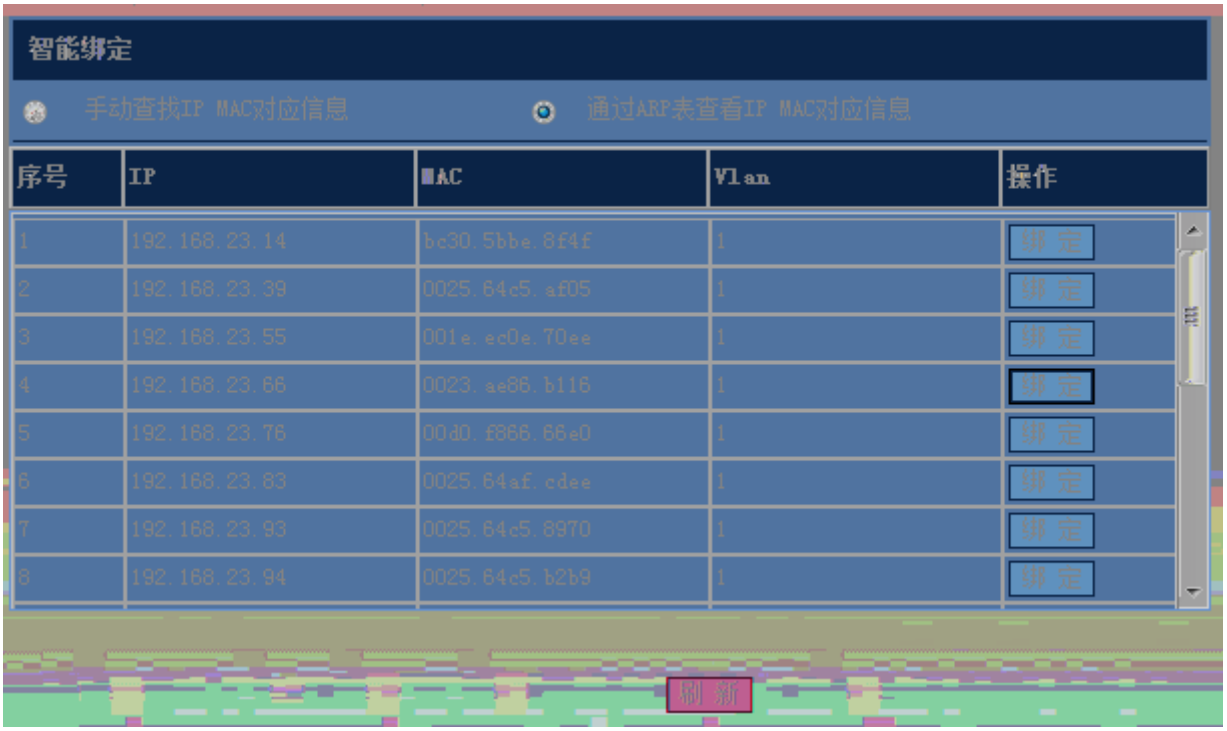
╖ ŧ ╖ ╖ ŧ Ю Â VLAN

ŧ ľ Ł ╖ ŧ ╖ Â

2.3.12

ľ Ł ╖ Â

‘

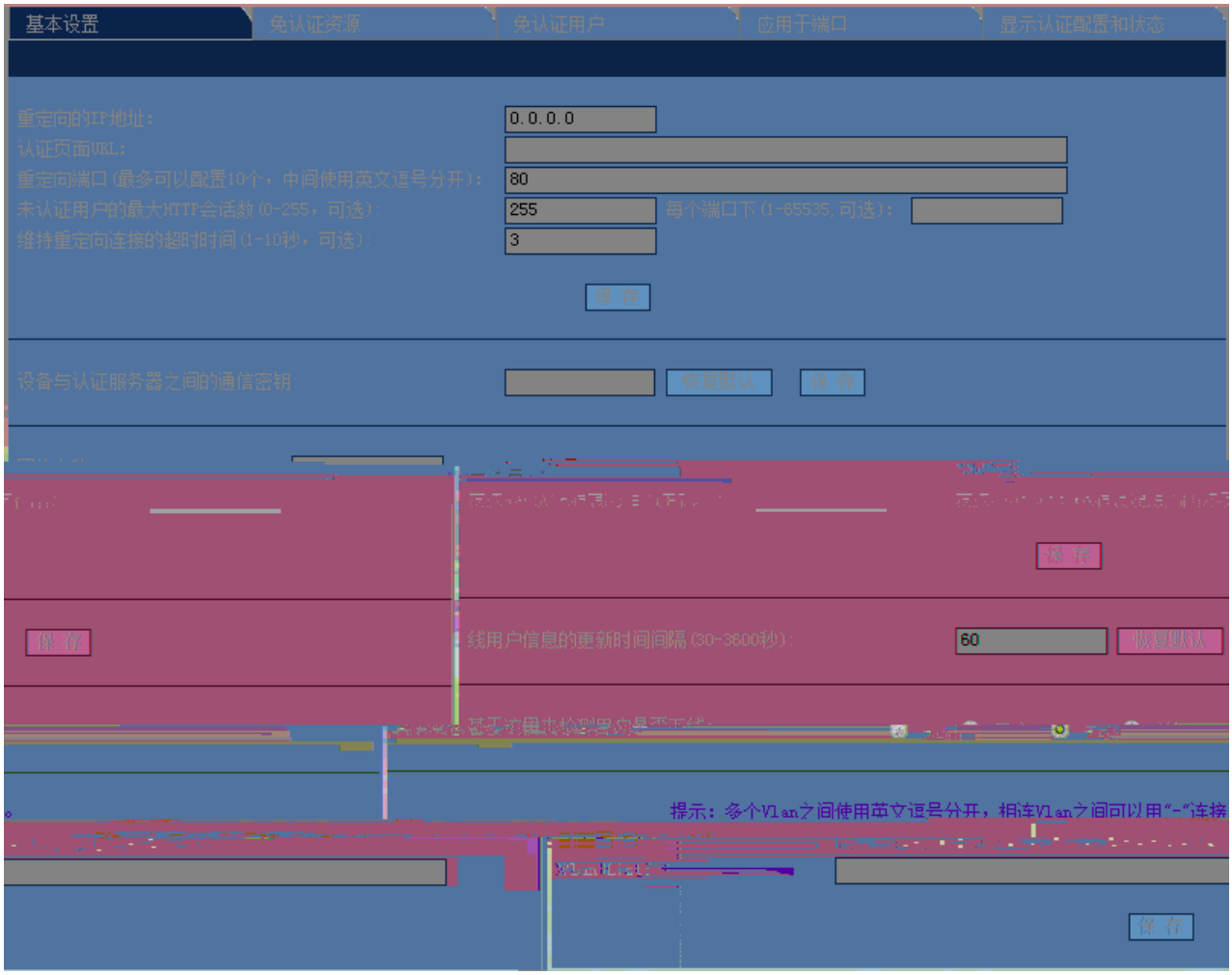


62 ARP

2.3.13 WEB

l' web L ╖ Â

web ‘



63 web

1) web

web Л IP URL

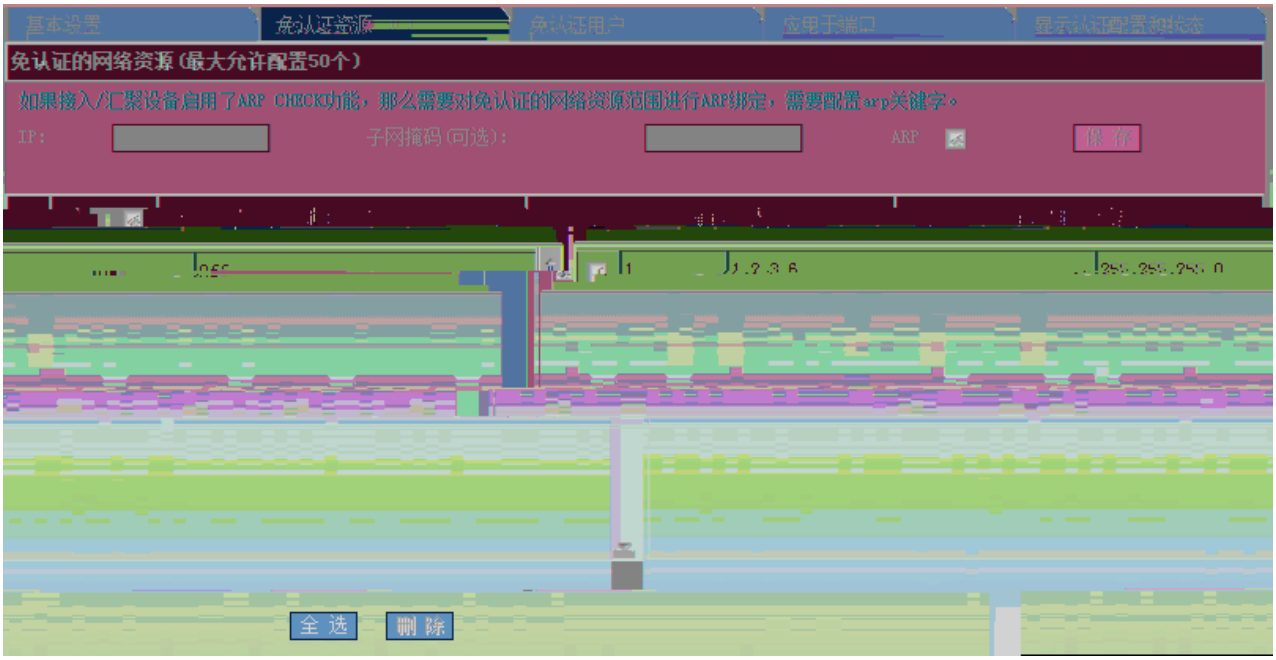
HTTP (0-255) б Ь

, , Web ў IP,SNMP-Inform ,

, Ю ,Vlan List Â ѝ

80 Â ѣ Â

2)

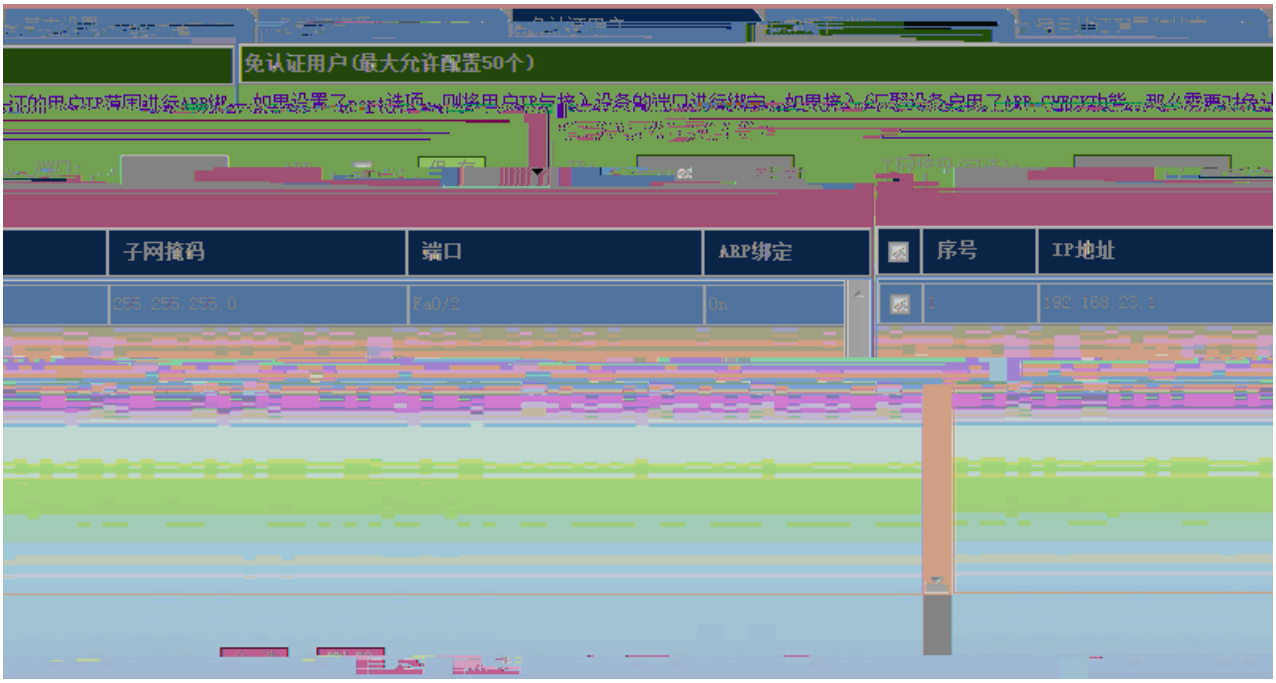


64

IP ł Â

ł Â

3)



65

IP ł Â ù

Â ł Â

4)

66

ł Â ł Â

5)

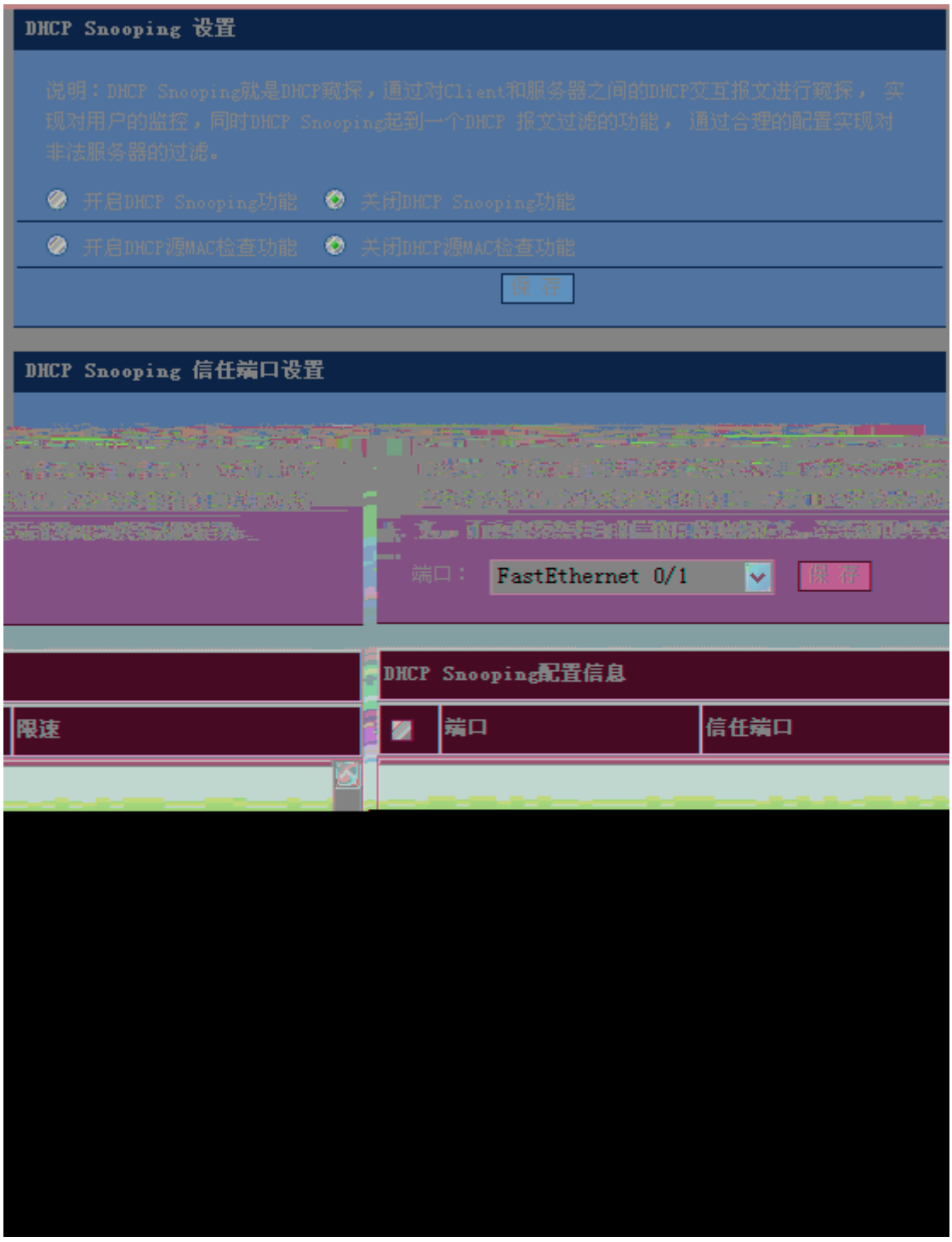
67

IP Â

2.3.14 DHCP Snooping

Ï DHCP Snooping Ł ╖ Â

DHCP Snooping ‘



68 DHCP Snooping

‘

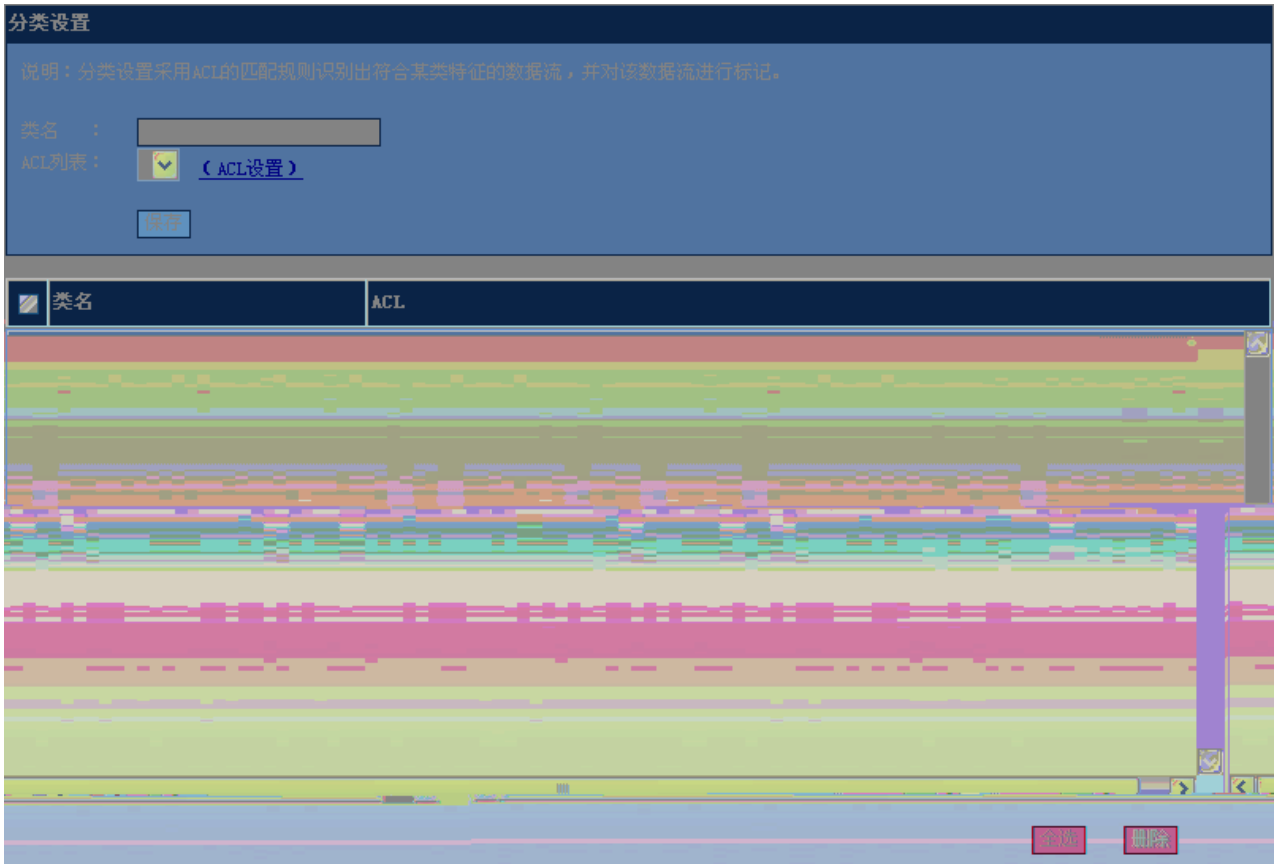
1)DHCP Snooping

DHCP Snooping DHCP Snooping MAC

2)DHCP Snooping

2.4 QOS

2.4.1

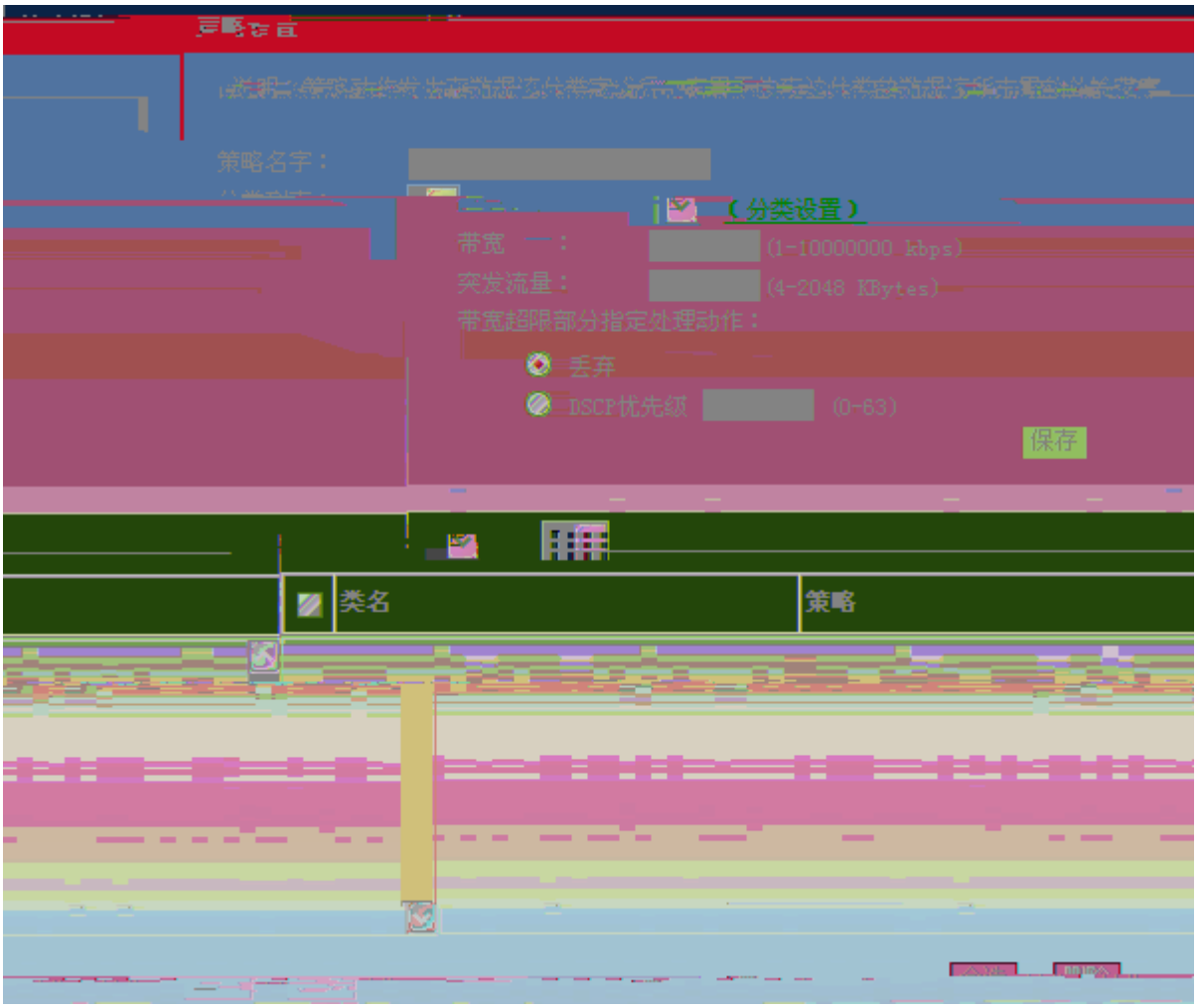


69

ACL

2.4.2

‘



70

‘

¨ ‘ ¨ Â

‘ ¨ ѝ

Â

‘ Â

‘ Э Â

‘ DSCP Â

ł ľ Ł Â

ł

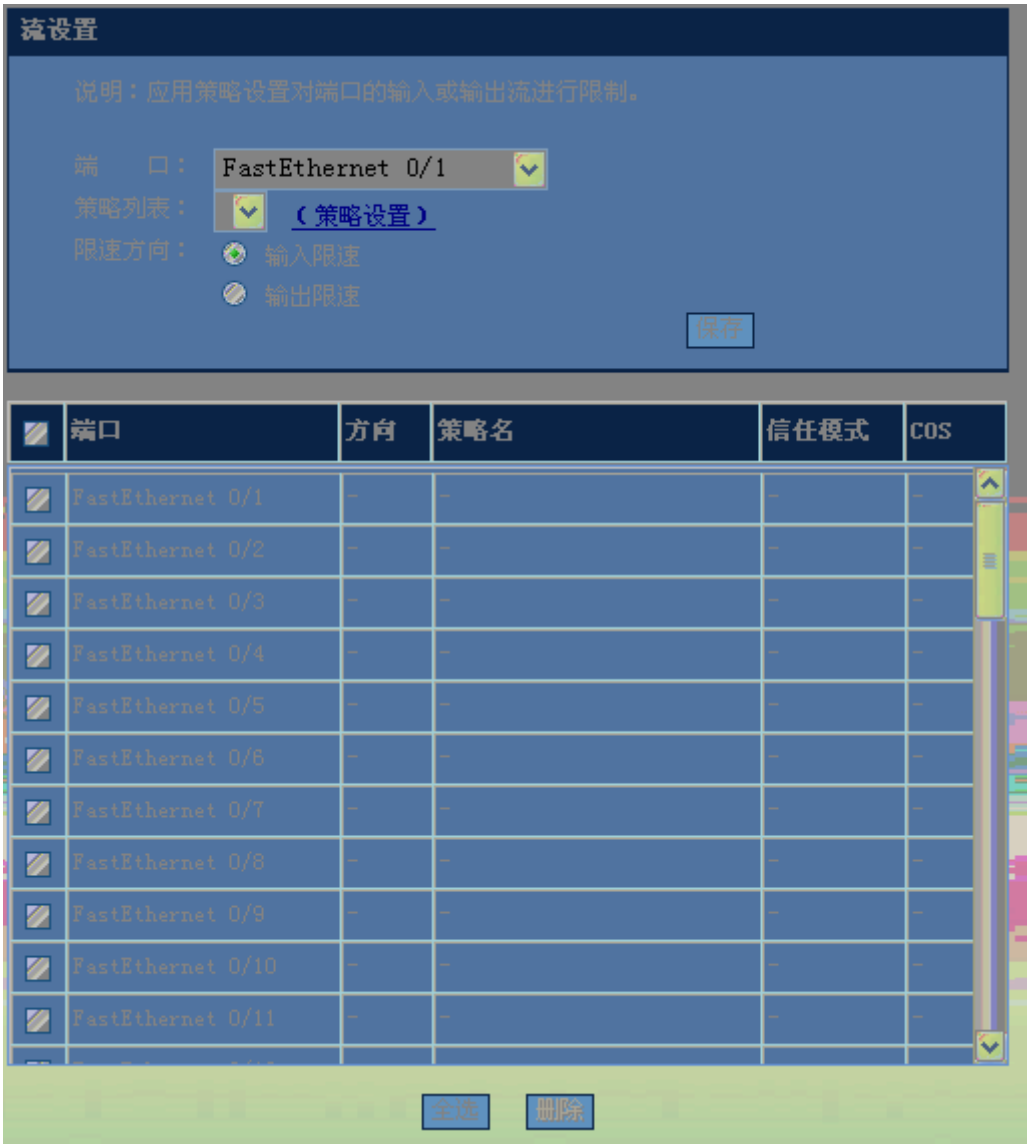
ł ľ Ł Â ˇ ¨ ł

ľ Ł Â

2.4.3

ľ Ŀ ╗ Â

‘



71

‘

‘ Â

‘ ѝ Â

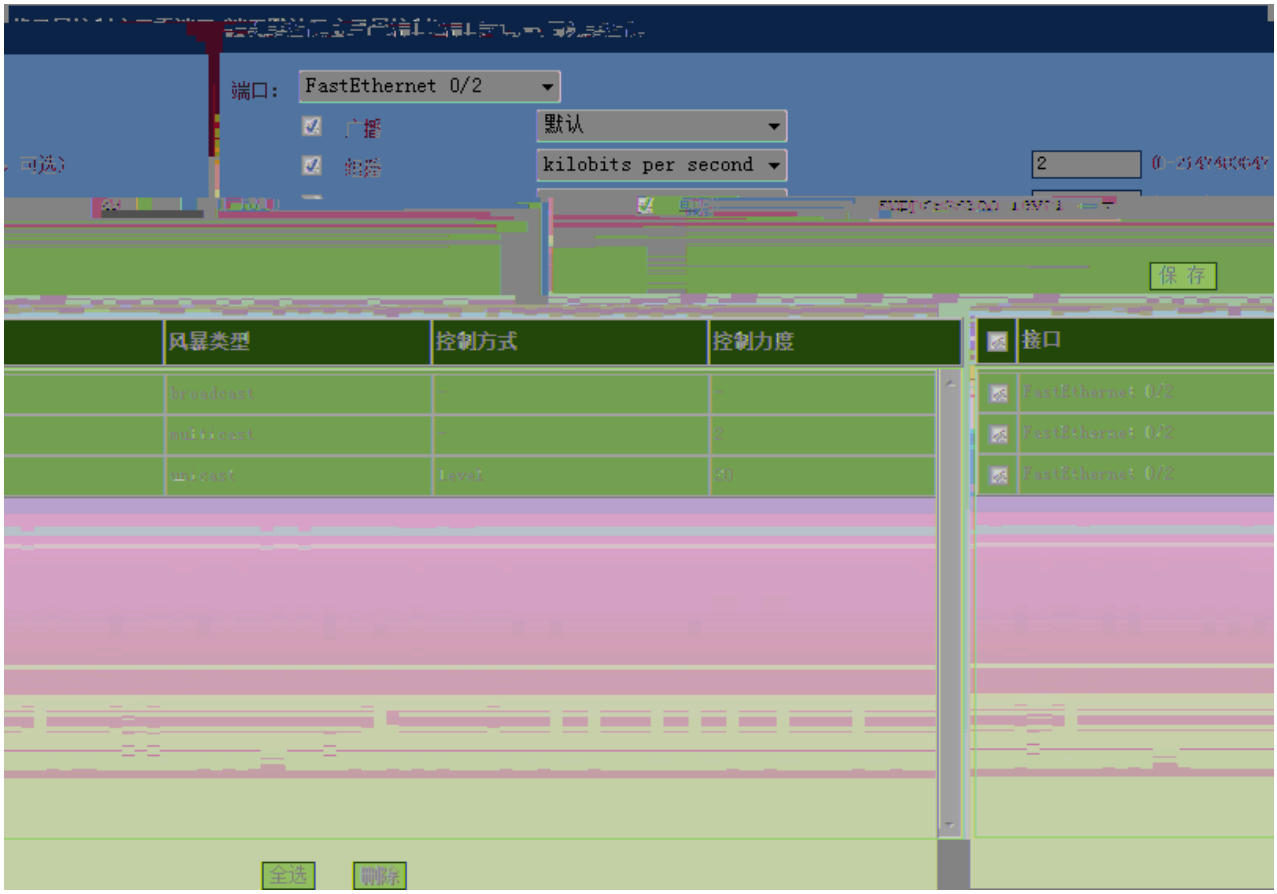
‘ Â

ł ľ Ŀ Â

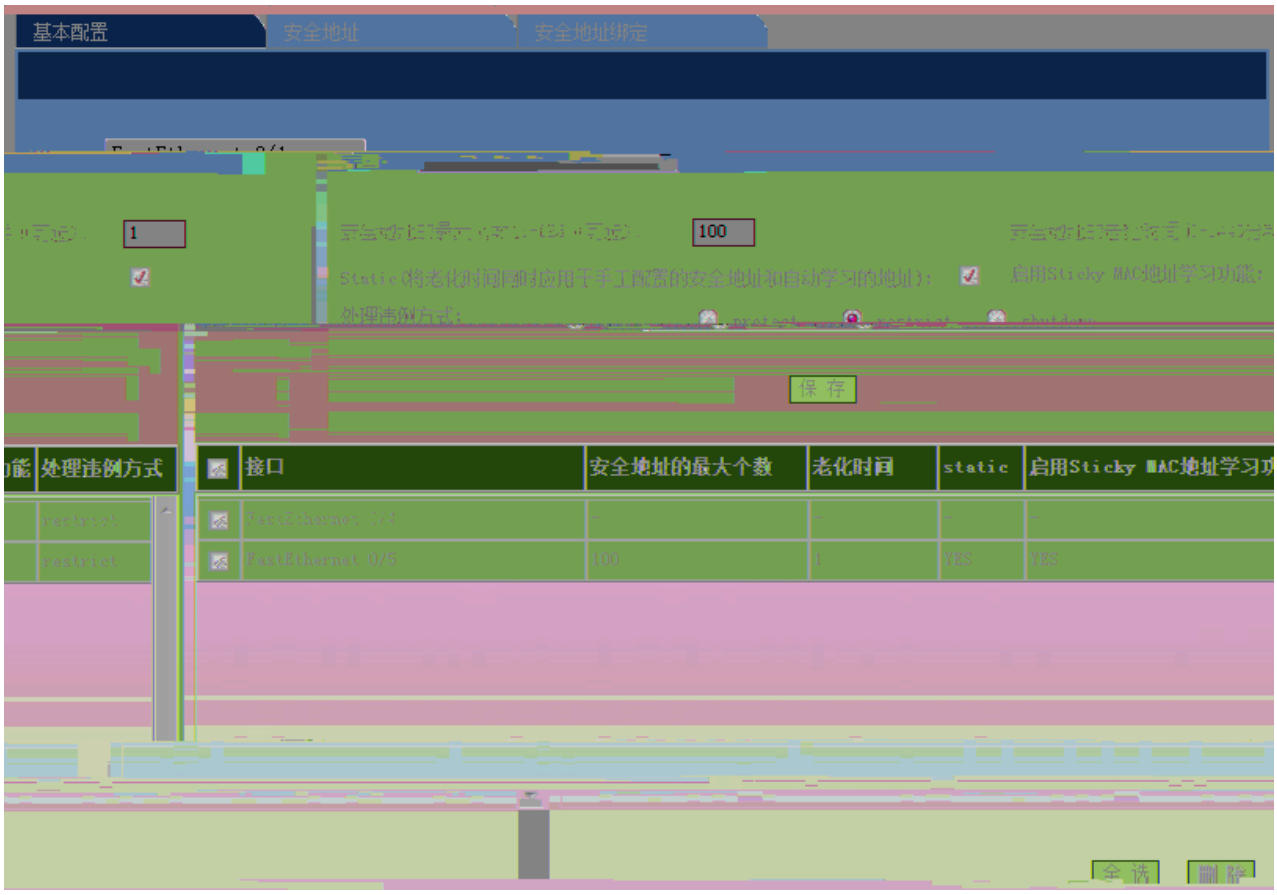
ł ľ Ŀ Â

2.4.4

Ì Ë Ï Â


端口:
FastEthernet 0/2
广播
默认
kilobits per second
2
保 存
风暴类型
控制方式
控制力度
接口
全选
删除

72

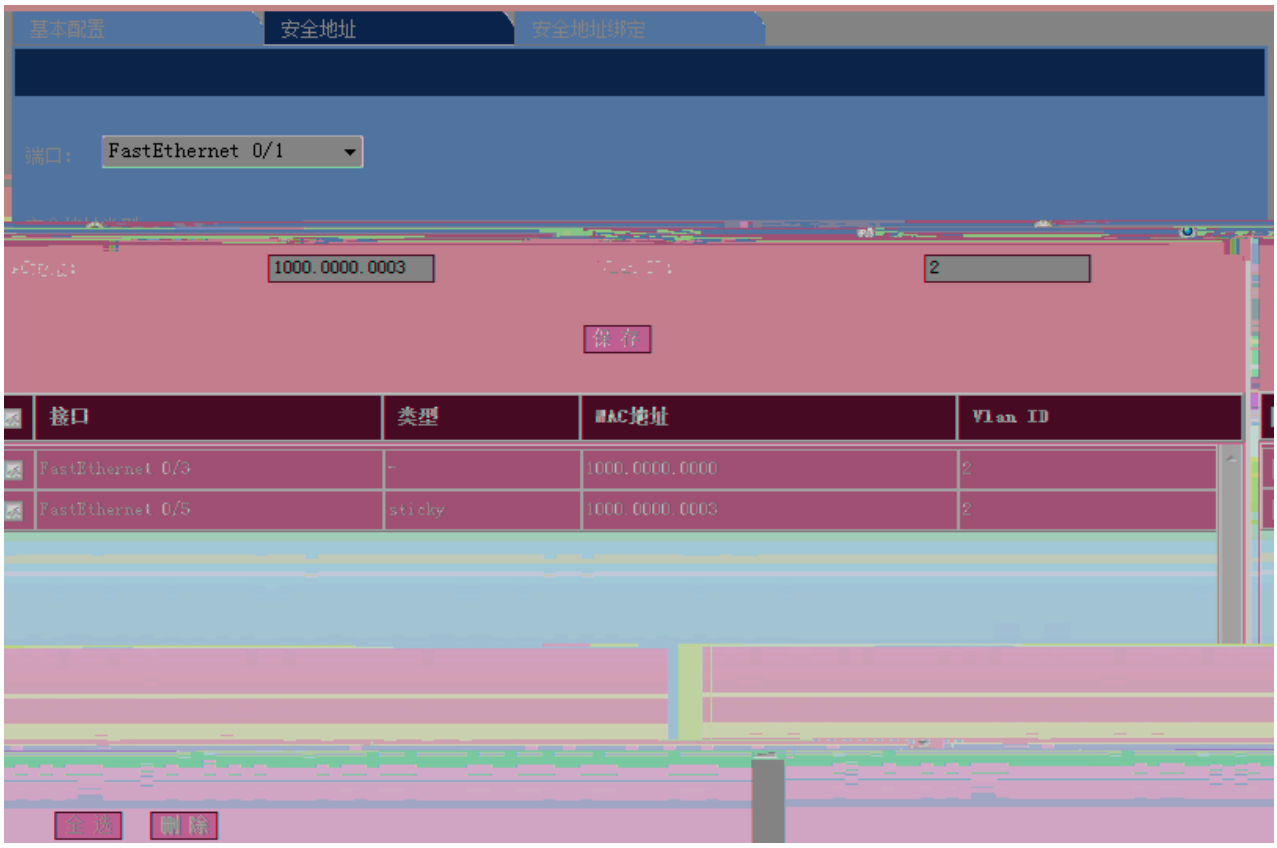


73

1)

Static Sticky Mac

2)



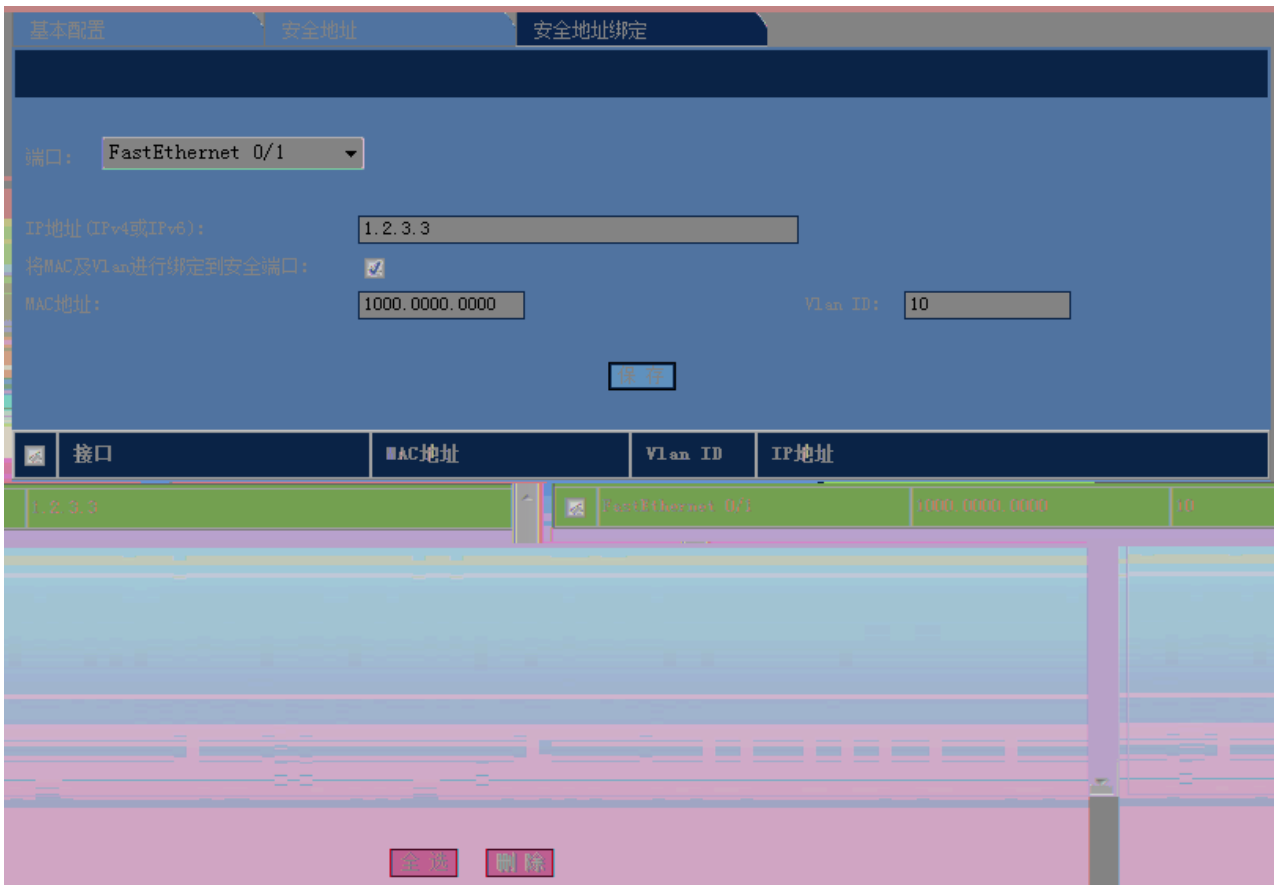
74

Mac VLAN ID

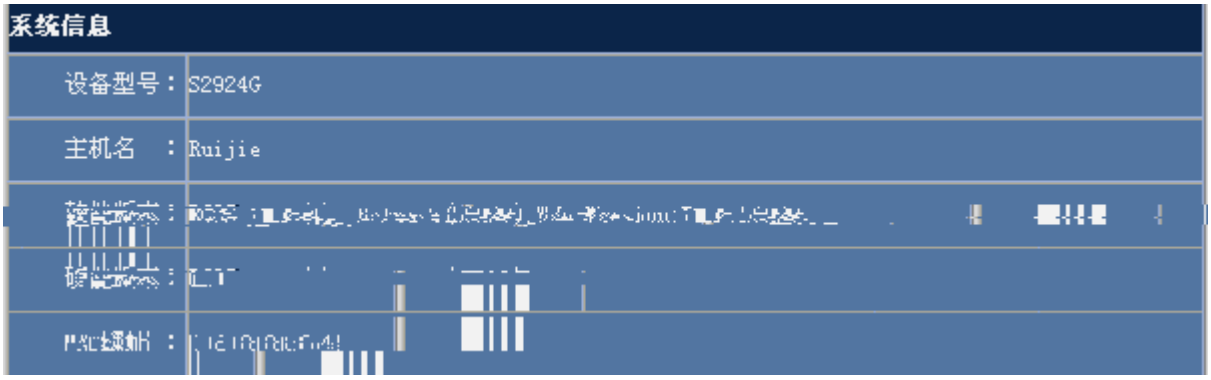
Â Ю Â

Â

3)


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
全 选
删 除

G

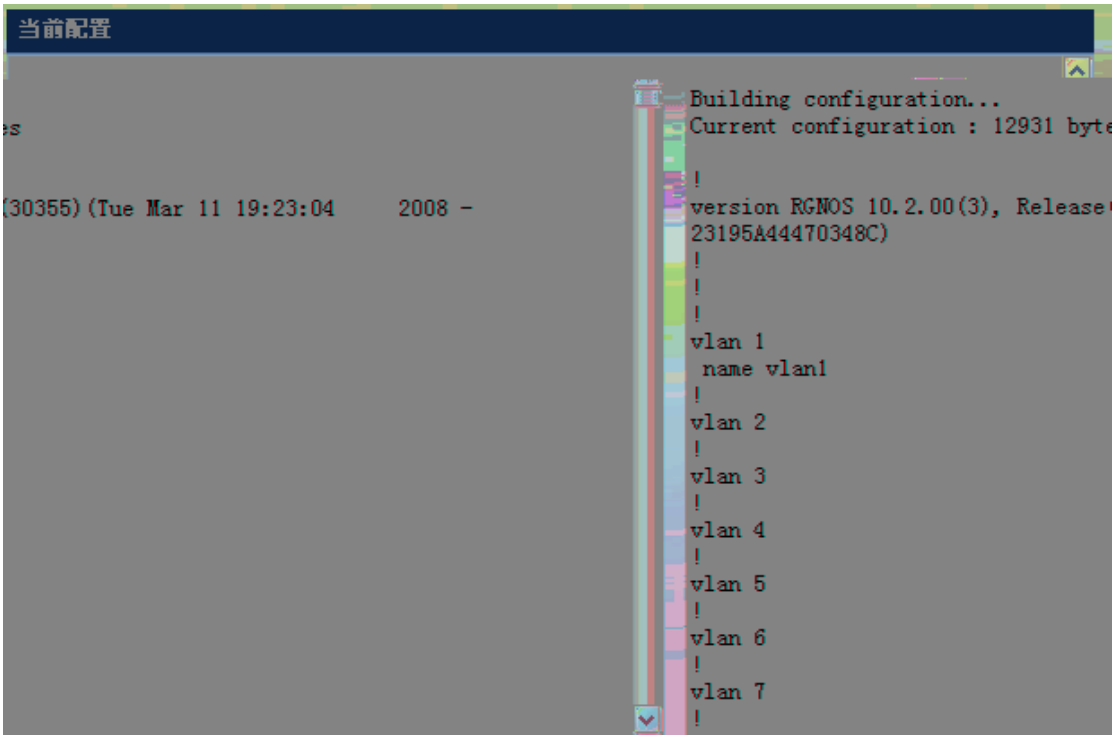


76

2.5.2

Ľ Ł ╗ Â

‘

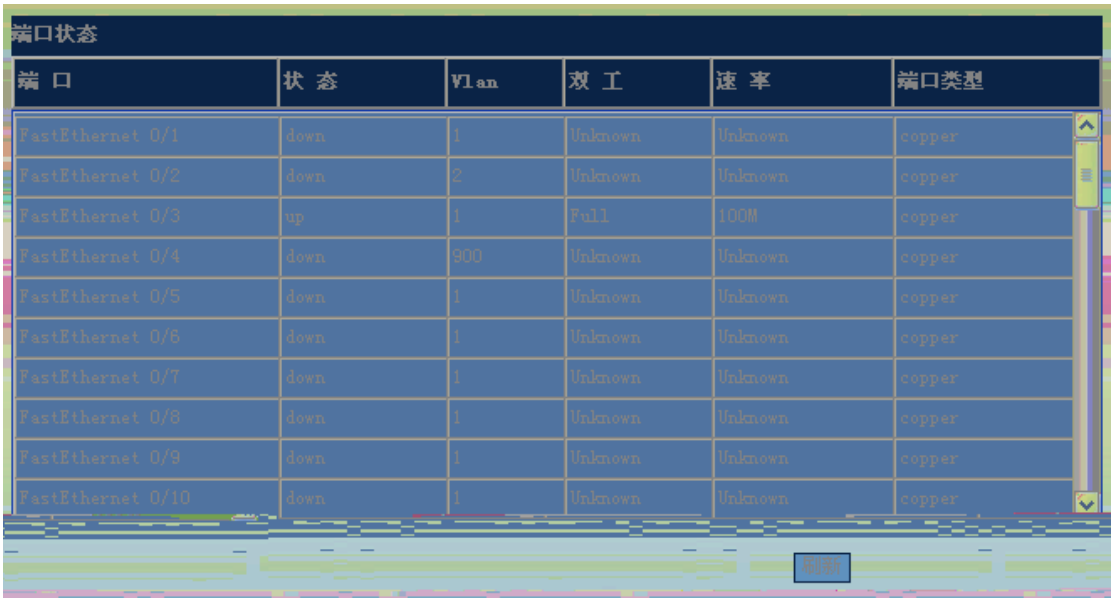


77

2.5.3

Ľ Ł ╗ Â

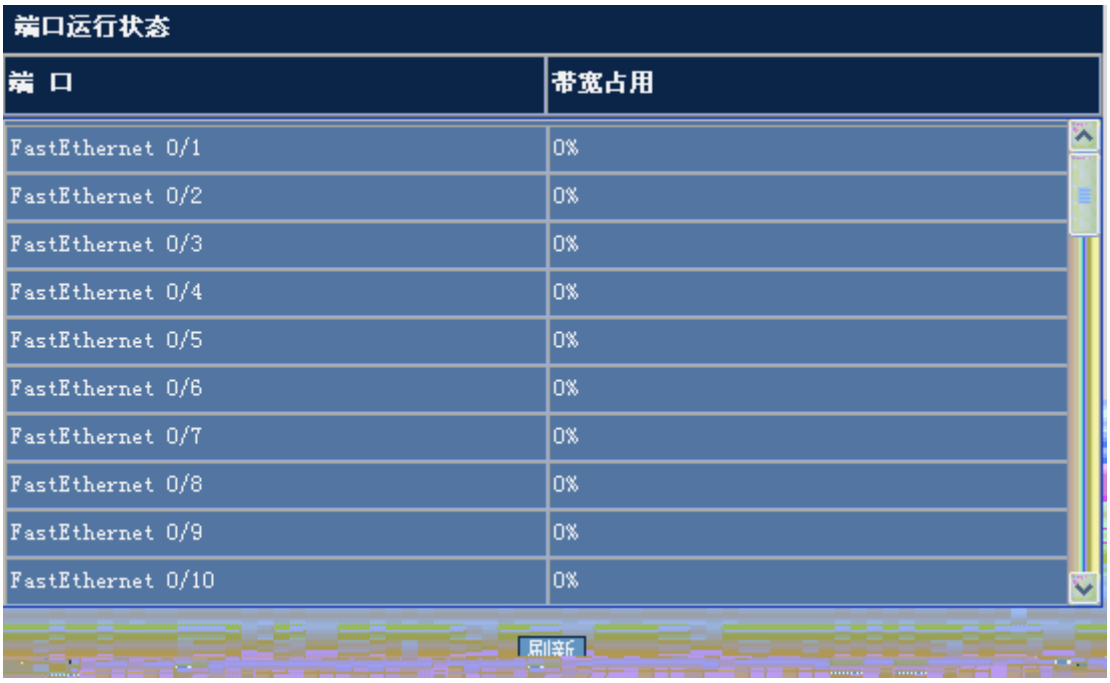
‘


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 900 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

78

2.5.4

Ľ Ľ ╗ Â

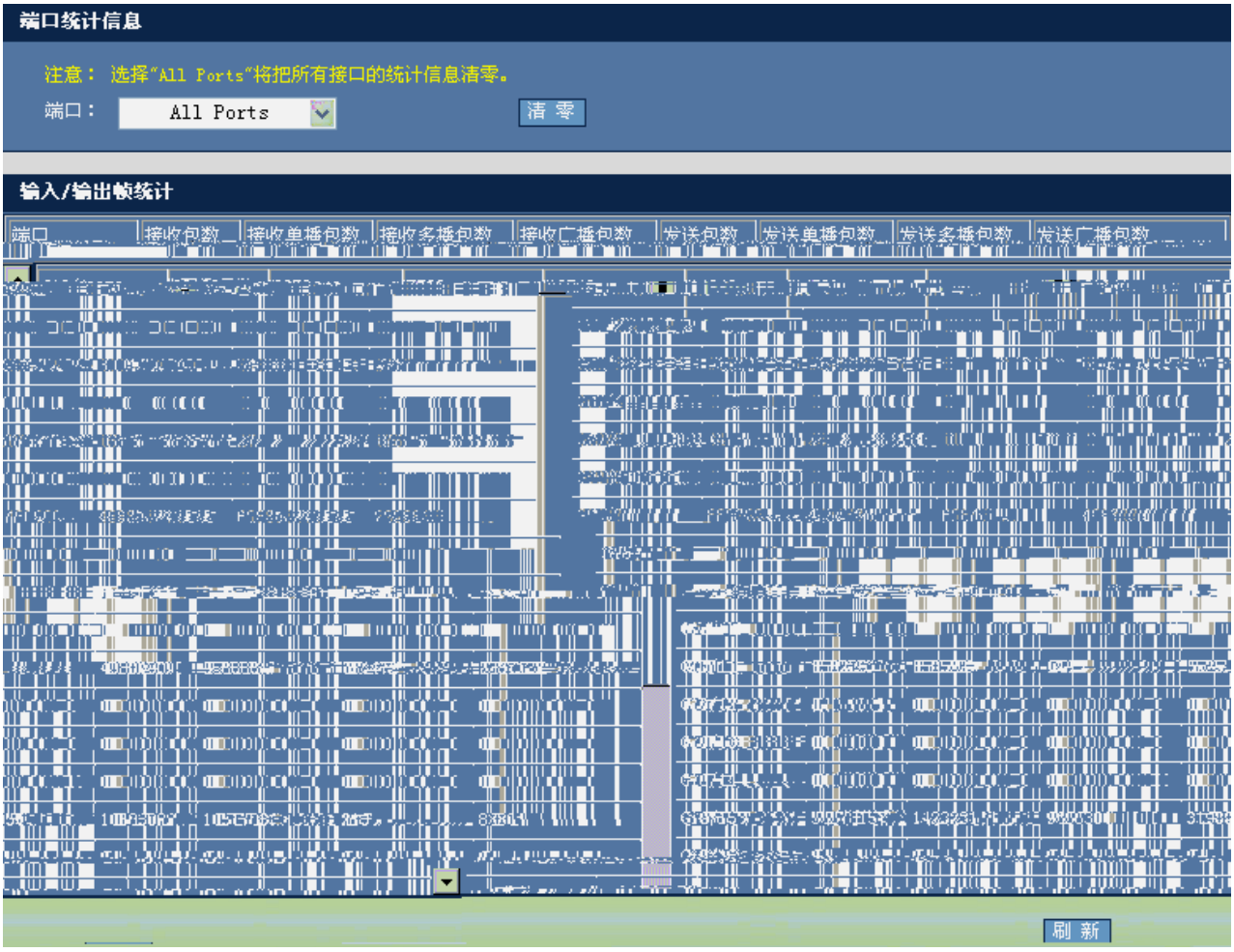

端口运行状态
端 口
带宽占用
FastEthernet 0/1 0%
FastEthernet 0/2 0%
FastEthernet 0/3 0%
FastEthernet 0/4 0%
FastEthernet 0/5 0%
FastEthernet 0/6 0%
FastEthernet 0/7 0%
FastEthernet 0/8 0%
FastEthernet 0/9 0%
FastEthernet 0/10 0%
刷新

79

2.5.5

Ľ Ľ ╗ Â

‘

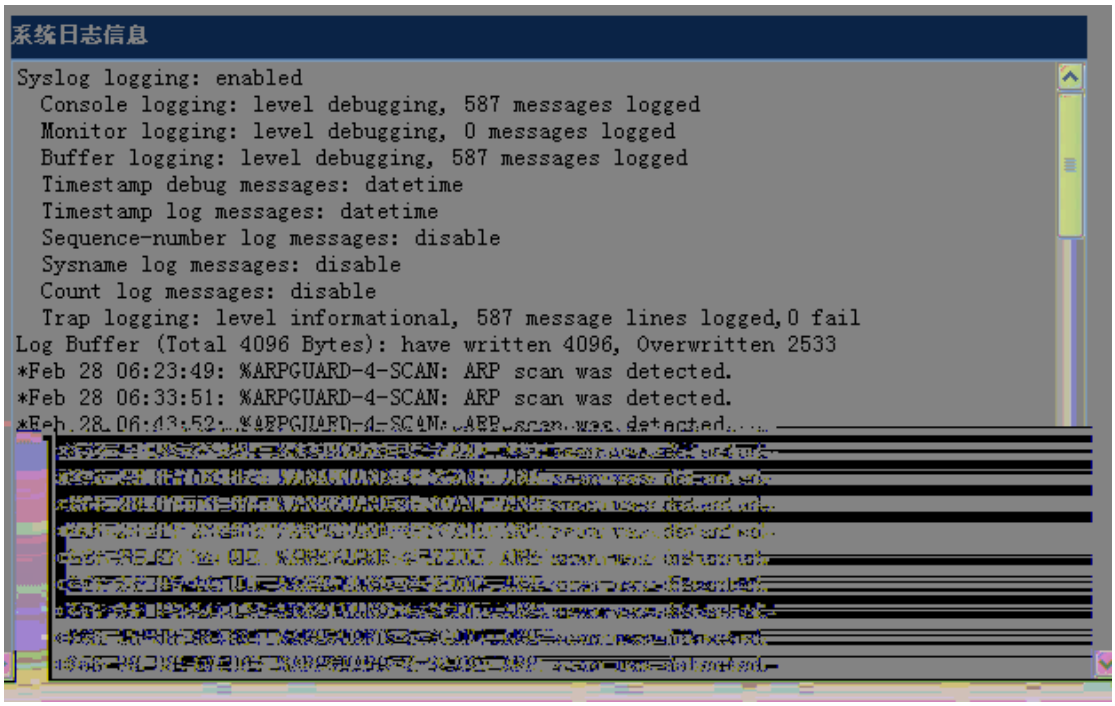


80

2.5.6

Ľ Ľ ╗ Â

‘



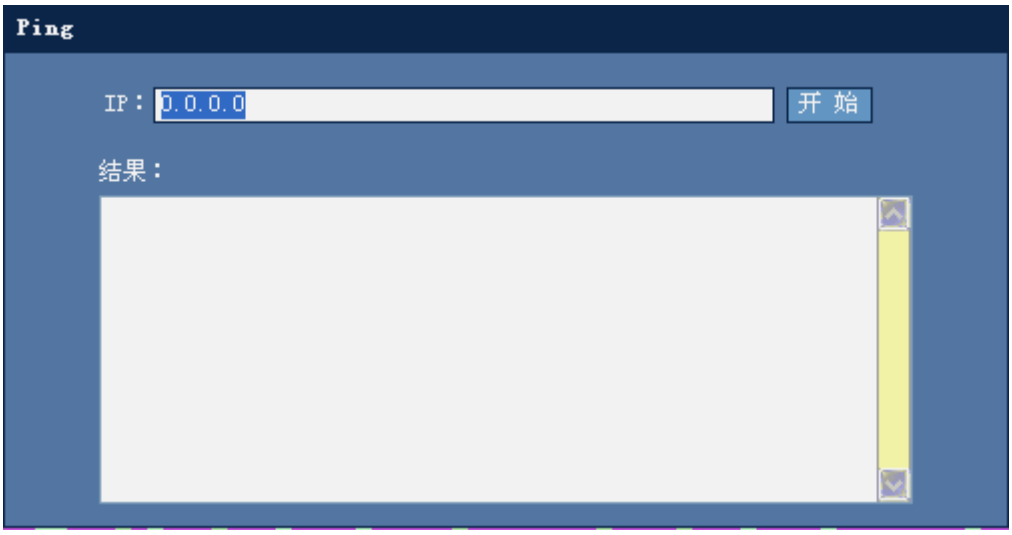
81

2.6

2.6.1 Ping

Ping

Ping



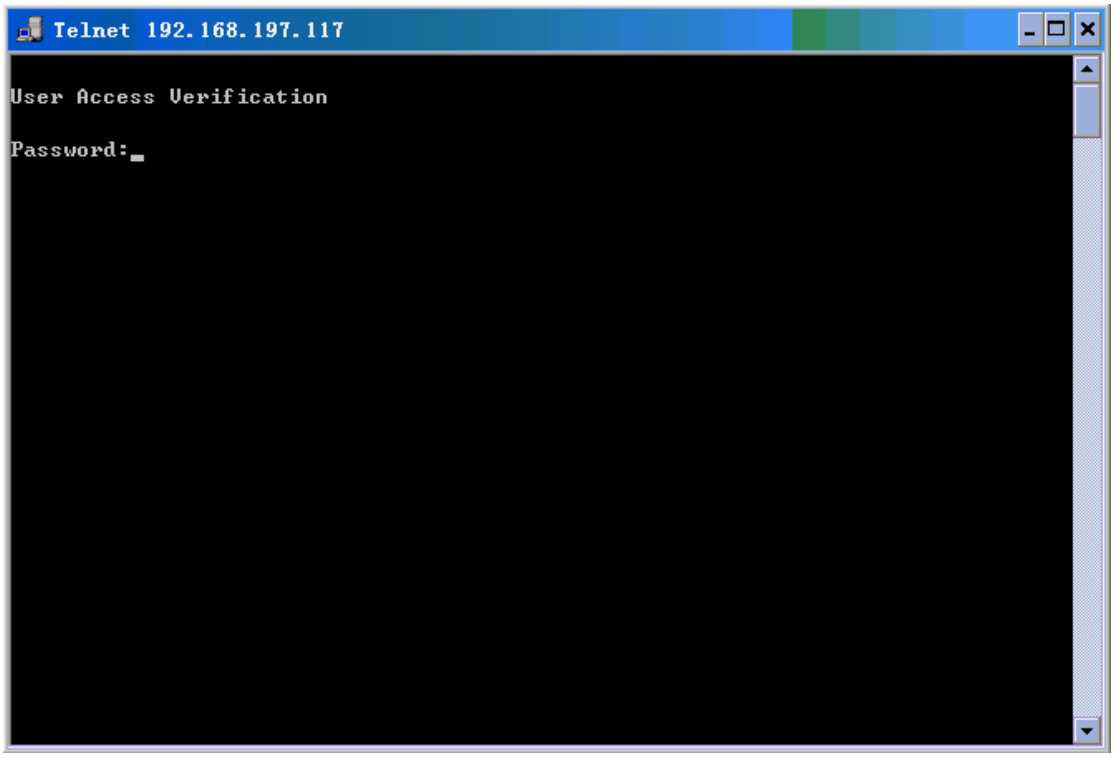
82 Ping

IP ł ľ Ł IP a Ping ł
Â

2.6.2 Telnet

ľ Telnet Ł ╖ Â

Telnet



83 Telnet

ľ Telnet Ł ł Telnet ╖ Â PC Telnet ┺
PC Telnet ┺ Â

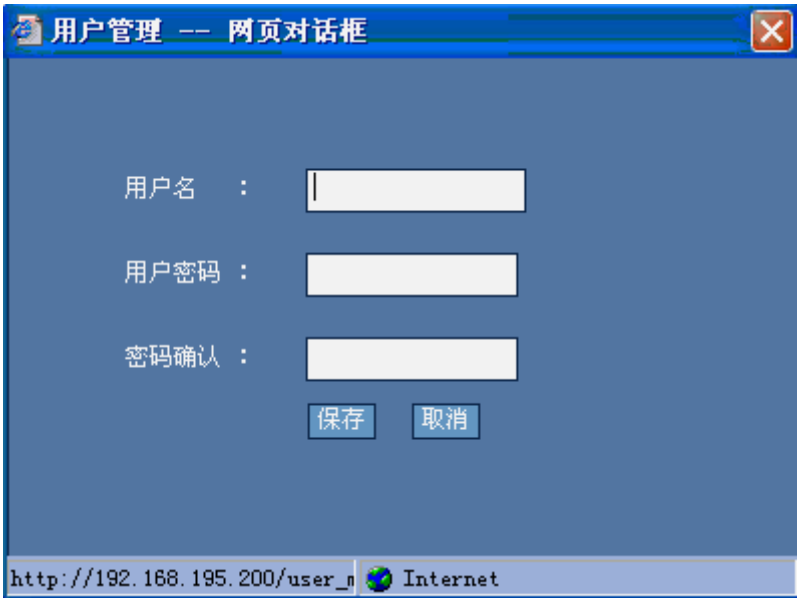
2.6.3

ľ Ł ╖ Â

84

‘

╗ ‘ ╗ ľ ╗ Ł Ю ‘



85 ╗

‥ ł ľ Ł Â ╗ ł ╗

Э Â

‘ ľ Ł Â Â

‘ ľ Ł Ю ‘

2.6.5 /

ľ / Ŀ ╖ Â

/ ‘

89 /

‘

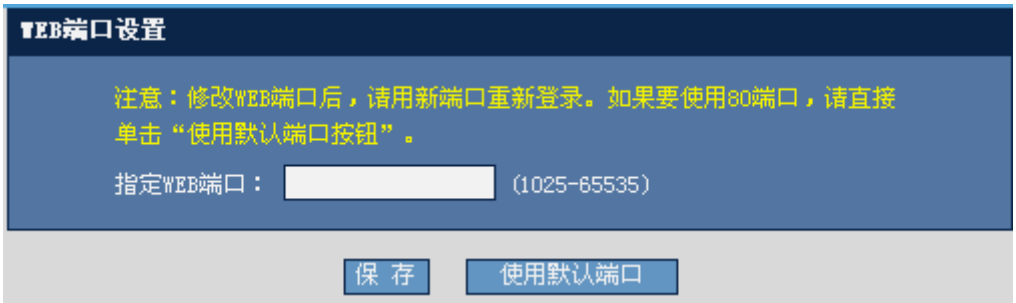
à Э config.text TFTP Ŀ IP TFTP Ŀ Э

“ ł ľ Ŀ Â

2.6.6 WEB

ľ WEB Ŀ ╖ Â

WEB ‘



90 WEB

‘

2.8 WEB

2.8.1

2.8.2

2.8.3

WEB WEB enable Â

2.8.4

WEB Local Enable WEB
WEB Â Local Local

```
!
!
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
```