WEB

RG-S6000

RGOS 10.4(3b16)p1

V .0

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

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

Â http://www.ruijie.com.cn/

Â http://webchat.ruijie.com.cn

8:30 6

RGOS®10.4 (3b16)p1

،

،

،

1.

[ ] [ ]

{ x | y | ... }

[x | y | ...]

//

2.

~

&

3.

Â

Â

Â

-WEB

WEB ڑ ي

1 WEB

1.1 WEB

WEB IE

WEB WEB WEB WEB
WEB WEB IE

1.2

1.2.1

WEB WEB WEB PC
IPAD

IE6.0 IE7.0 IE8.0 IE maxthon WEB

1024*768 1280*1024 1440*960

1.2.2

WEB

WEB

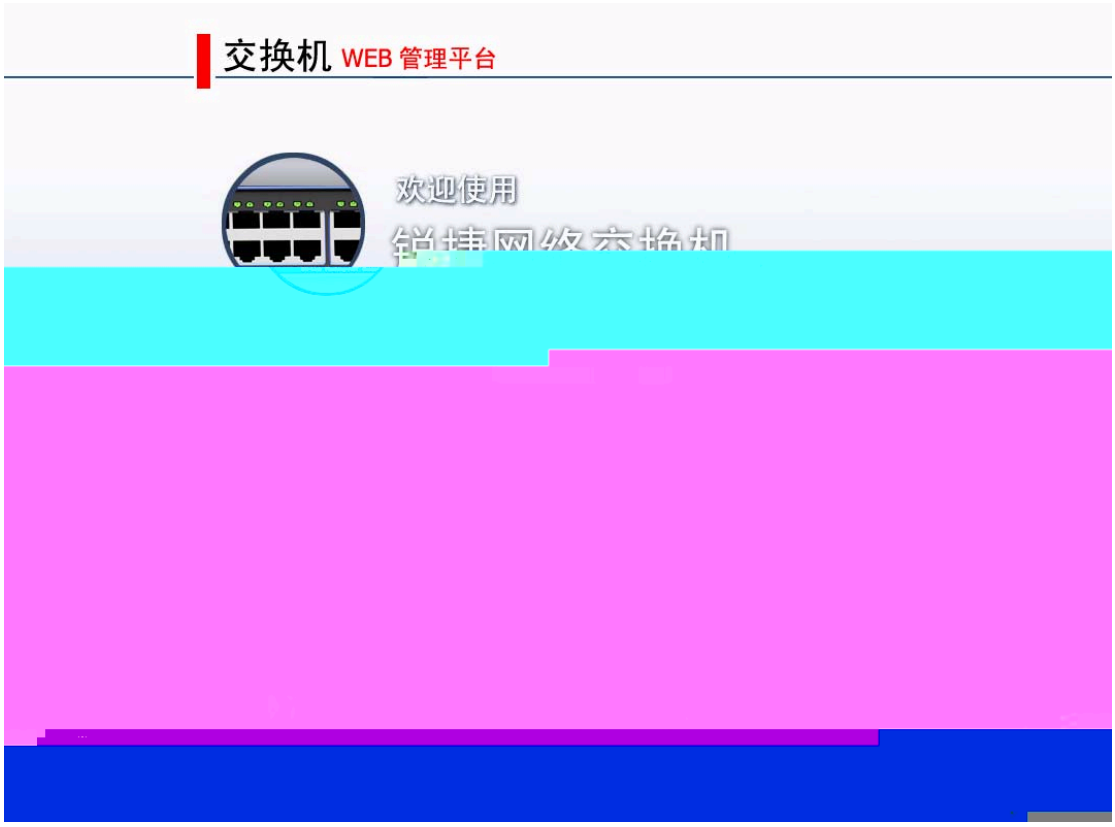
IP

1.3 WEB

WEB WEB “ WEB ”

WEB Enable Enable

1.4 WEB <

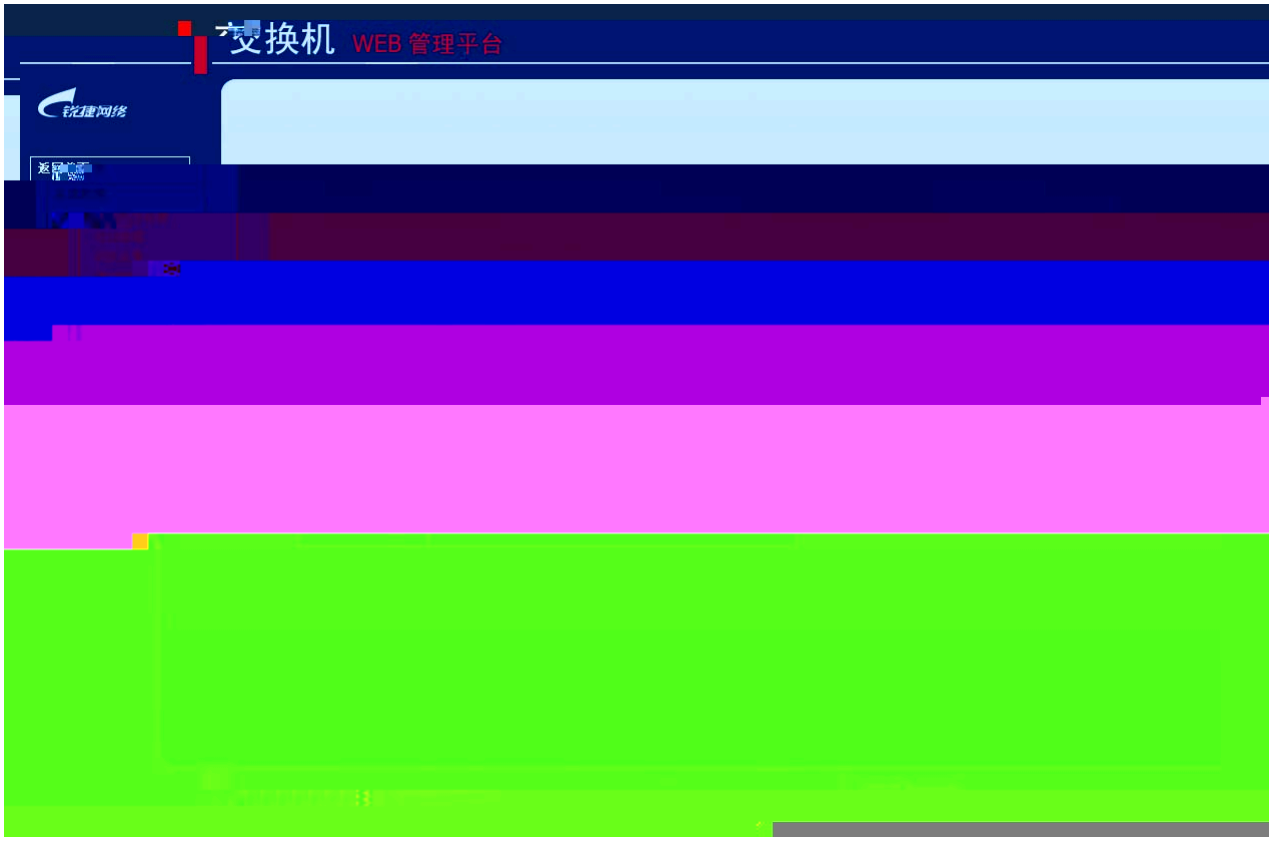


“ ”

1-2

WEB

1-3 WEB



1.5

1.5.1 IP

“ IP ”

IP

1-4 IP

ip “ ”

1-5 IP

IP “ ”

1.5.2 VLAN

“ VLAN ”

VLAN

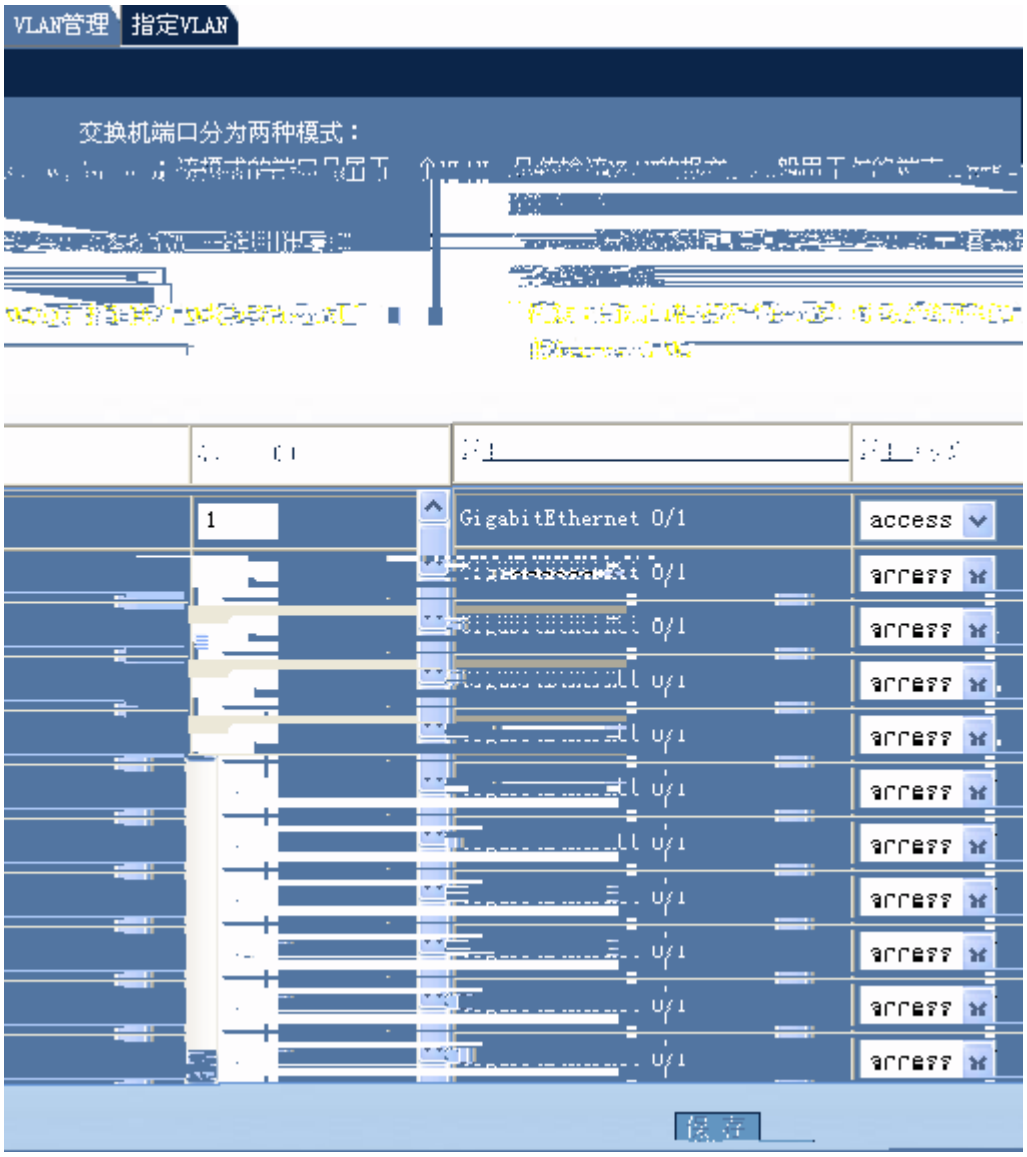
1-6 VLAN

VLAN

VLAN VLAN VLAN

“ ”

1-7 VLAN



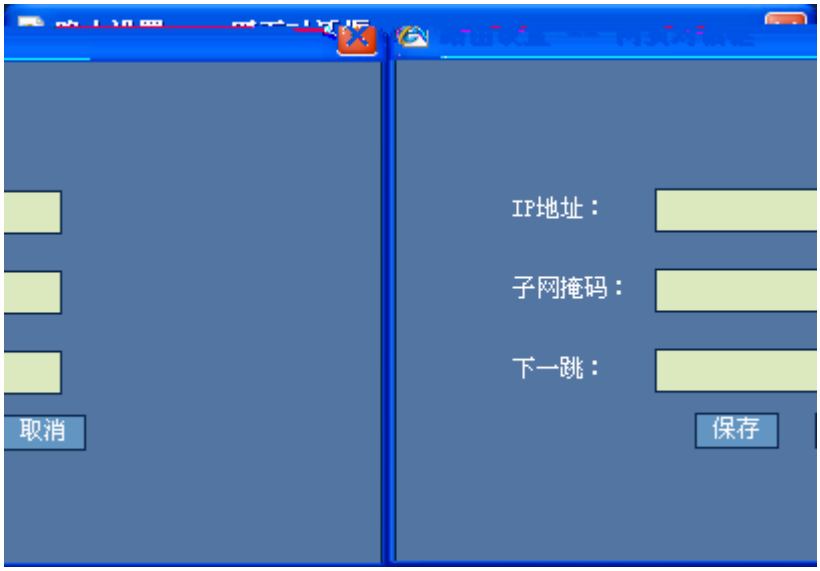
VLAN ID “ ”

1.5.3

“ ”

1-10

à ? ¥ N)˜ M Ã •Đ «p• ¦`›L! ð 0 ø˜ VFw‘%w€ 0 ø˜



IP “ ”

“ ”

1.5.5

“ ”

1-13


端口镜像设置
注意：设置交换机的端口监控，监控端口与被监控端口不能是同一个端口。如果指定了同一端口，该端口将被配置成监控端口。
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
GigabitEthernet 0/16
GigabitEthernet 0/17
GigabitEthernet 0/18
GigabitEthernet 0/19
GigabitEthernet 0/20
GigabitEthernet 0/21
GigabitEthernet 0/22
GigabitEthernet 0/23
GigabitEthernet 0/24
所有数据
删除端口监控
保 存

“ ”

“ ”

1.5.6

“ ”

1-14


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
保 存
取消全部输出限速

“ ”

“ ”

1.5.7

“ ”

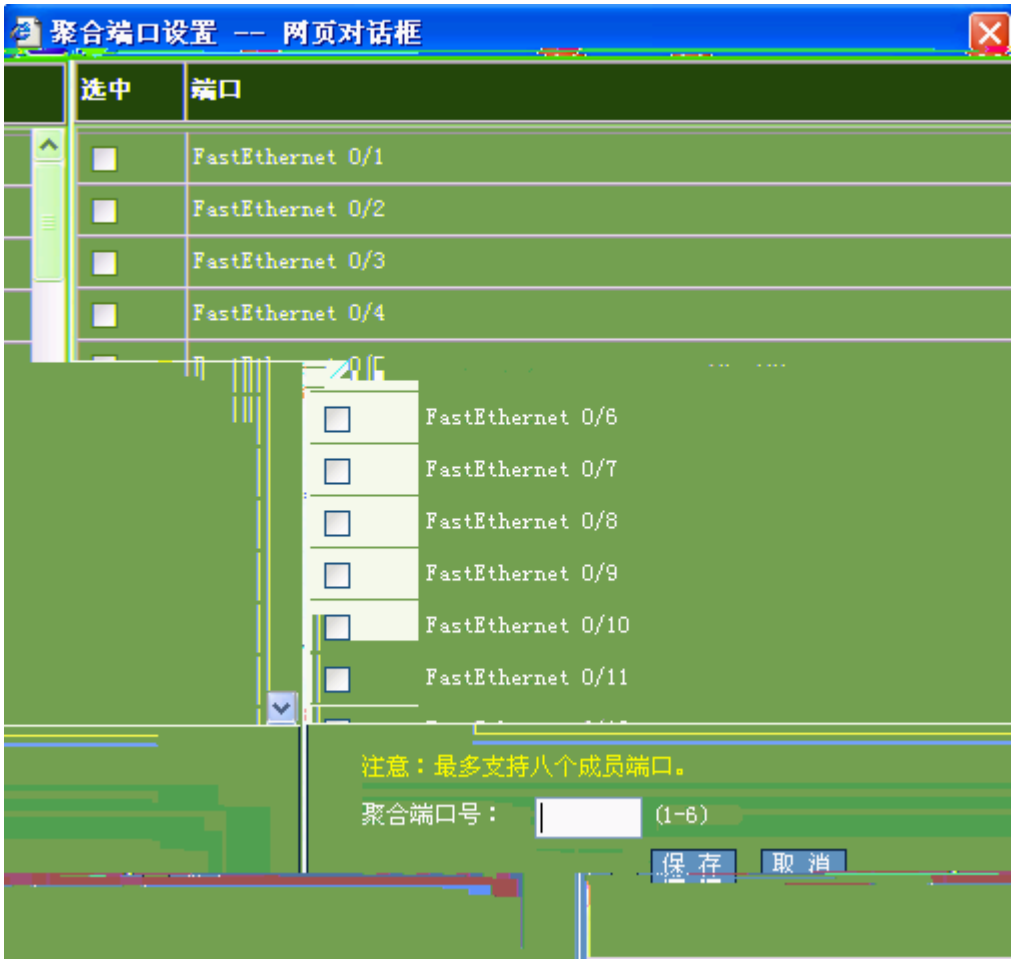
1-16


聚合端口设置
注意：若选择的算法为缺省算法，配置后将不显示！
流量平衡算法选择
保 存
Help
聚合端口
最多成员端口数
二层端口
模式
成员端口
新 建
全 选
删 除

“ ”

“ ”

1-17


聚合端口设置 -- 网页对话框
选中
端口
FastEthernet 0/1
FastEthernet 0/2
FastEthernet 0/3
FastEthernet 0/4
FastEthernet 0/6
FastEthernet 0/7
FastEthernet 0/8
FastEthernet 0/9
FastEthernet 0/10
FastEthernet 0/11
注意：最多支持八个成员端口。
聚合端口号：
(1-6)
保 存
取 消

“ ”

“ ”

1.5.8

“ ”

1-18

“ ”

1.5.9 DHCP

“ DHCP ”

DHCP

1-19 DHCP

/ DHCP

/ DHCP “ ”

DHCP

DHCP “ ” DHCP

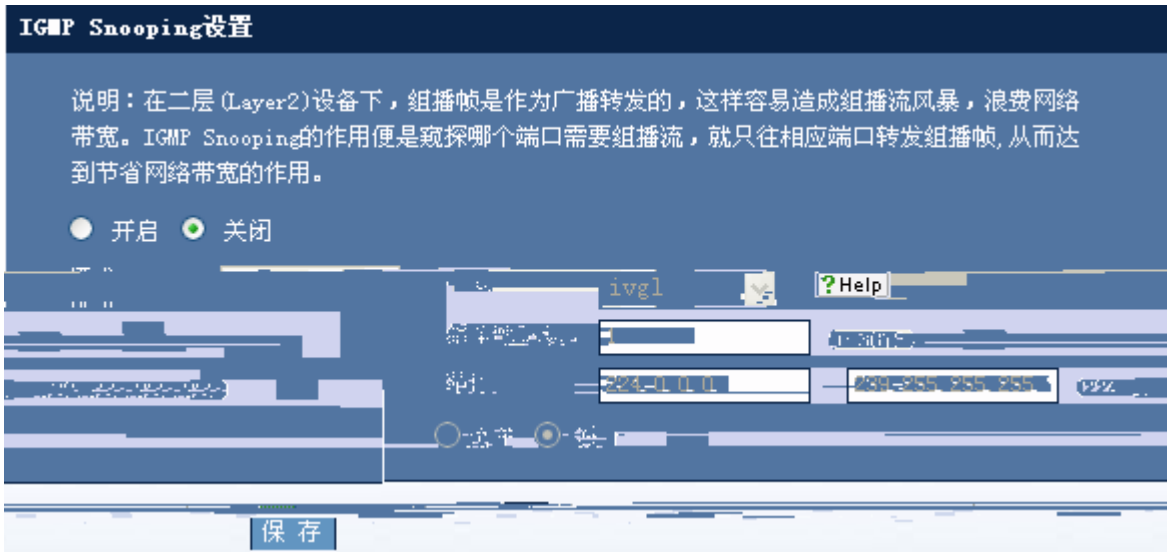
“ ”

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 MSTP MSTP BPDU “ ”

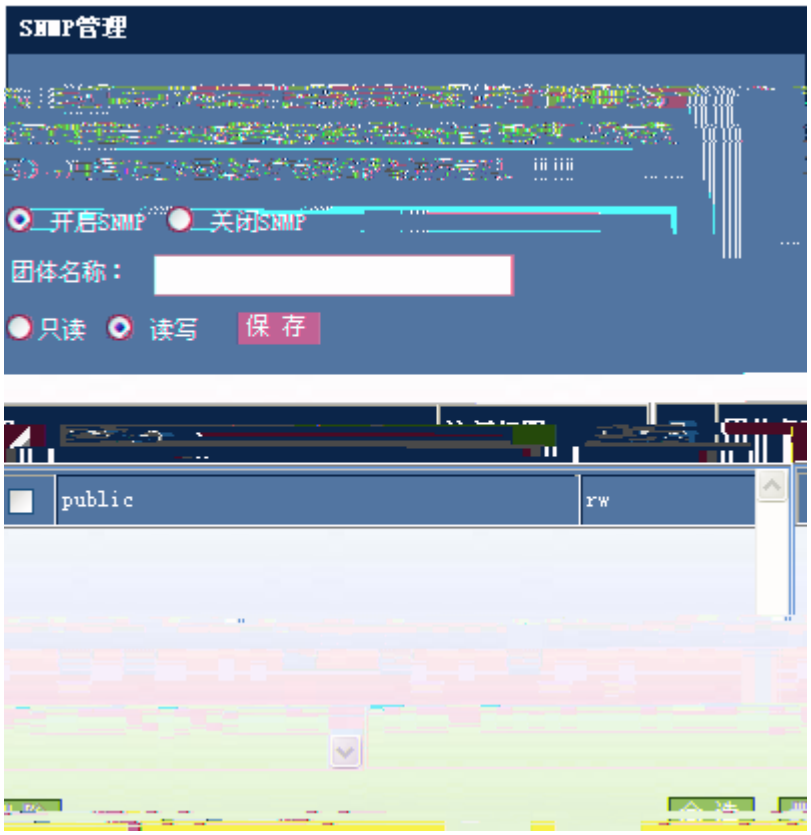
MSTP MSTP VLAN -VLAN “ ” -VLAN

1.5.12 SNMP

“ SNMP ”

SNMP

1-22 SNMP



SNMP “ SNMP ”

“ ” SNMP “ SNMP ” “ ”

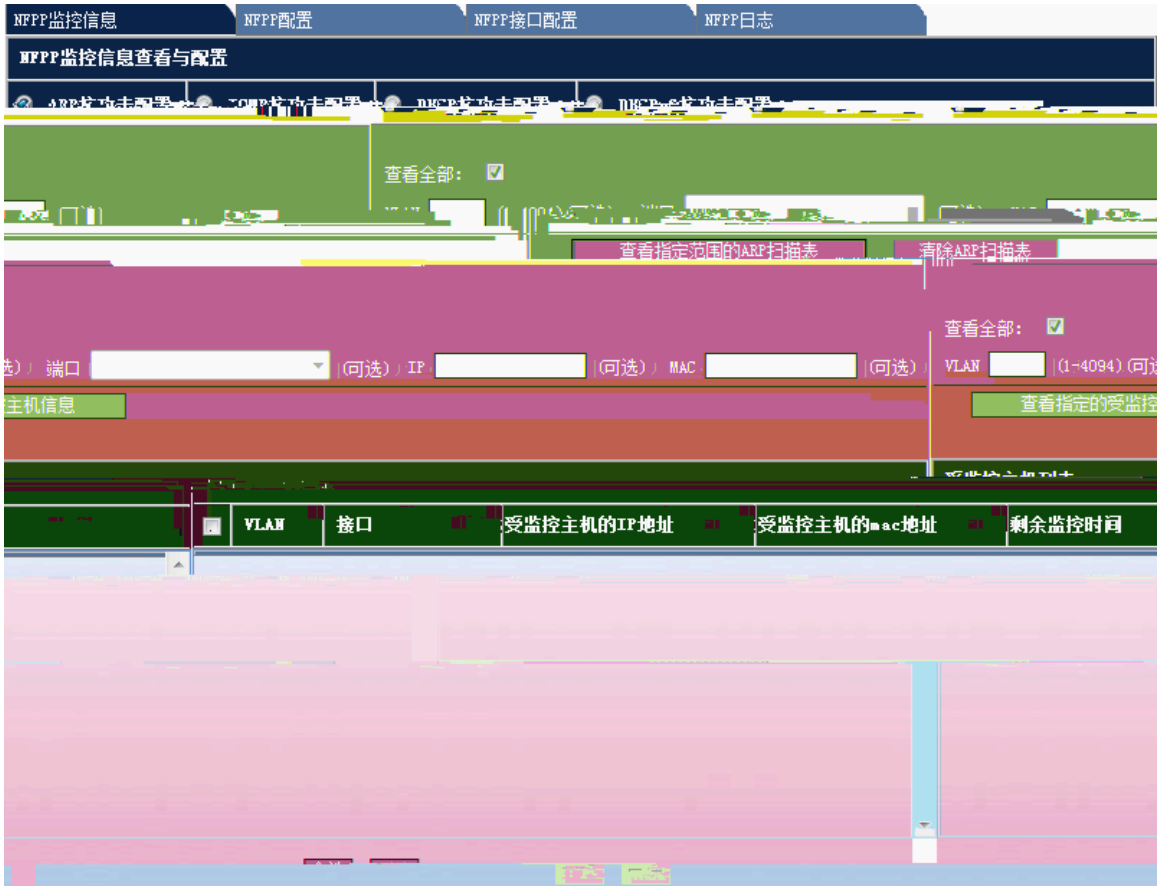
“ ”

1.5.13 NFPP

“ NFPP ”

NFPP

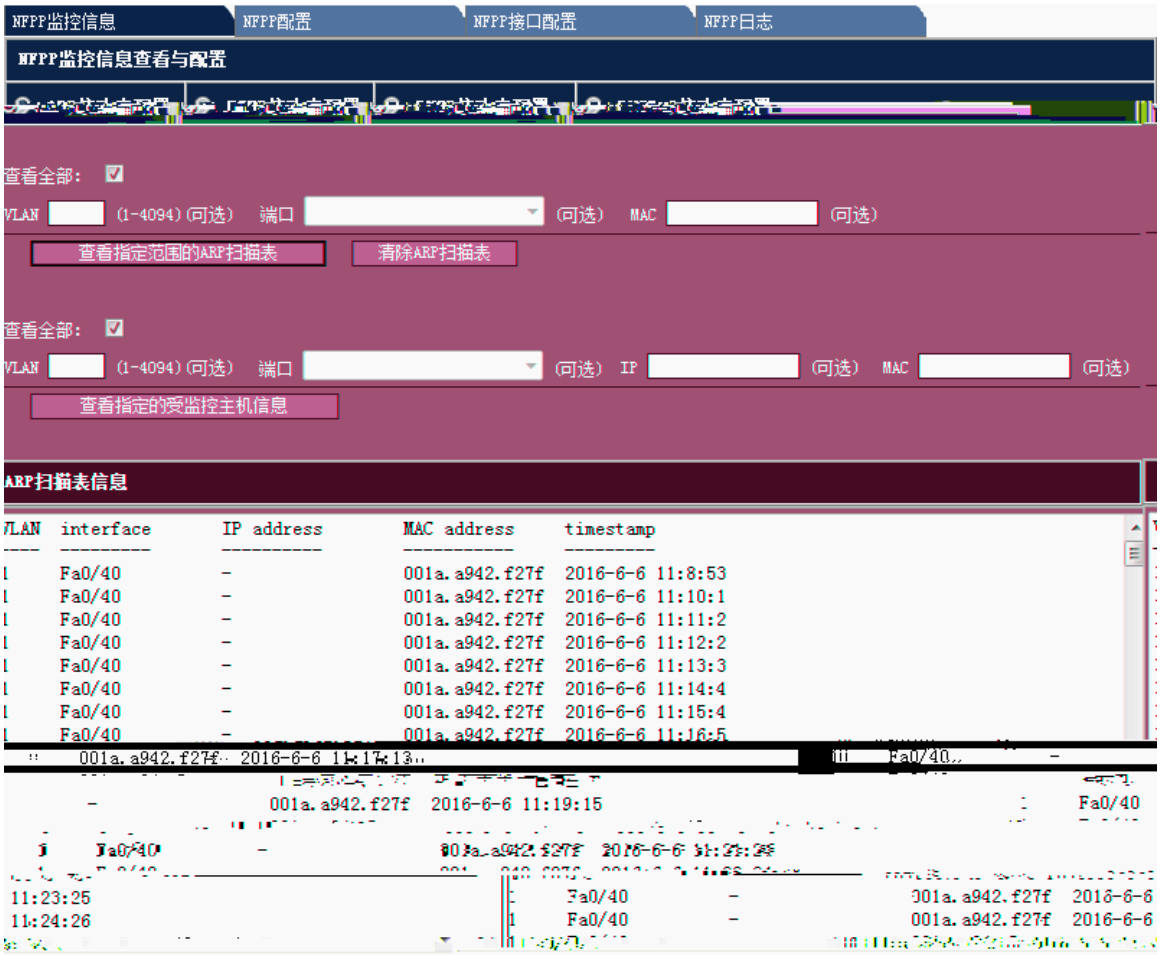
1-23 NFPP



NFPP

1) ARP

1-24 NFPP —ARP



ARP “ ARP ”

ARP “ ” ARP

“ ARP ” ARP “ ”

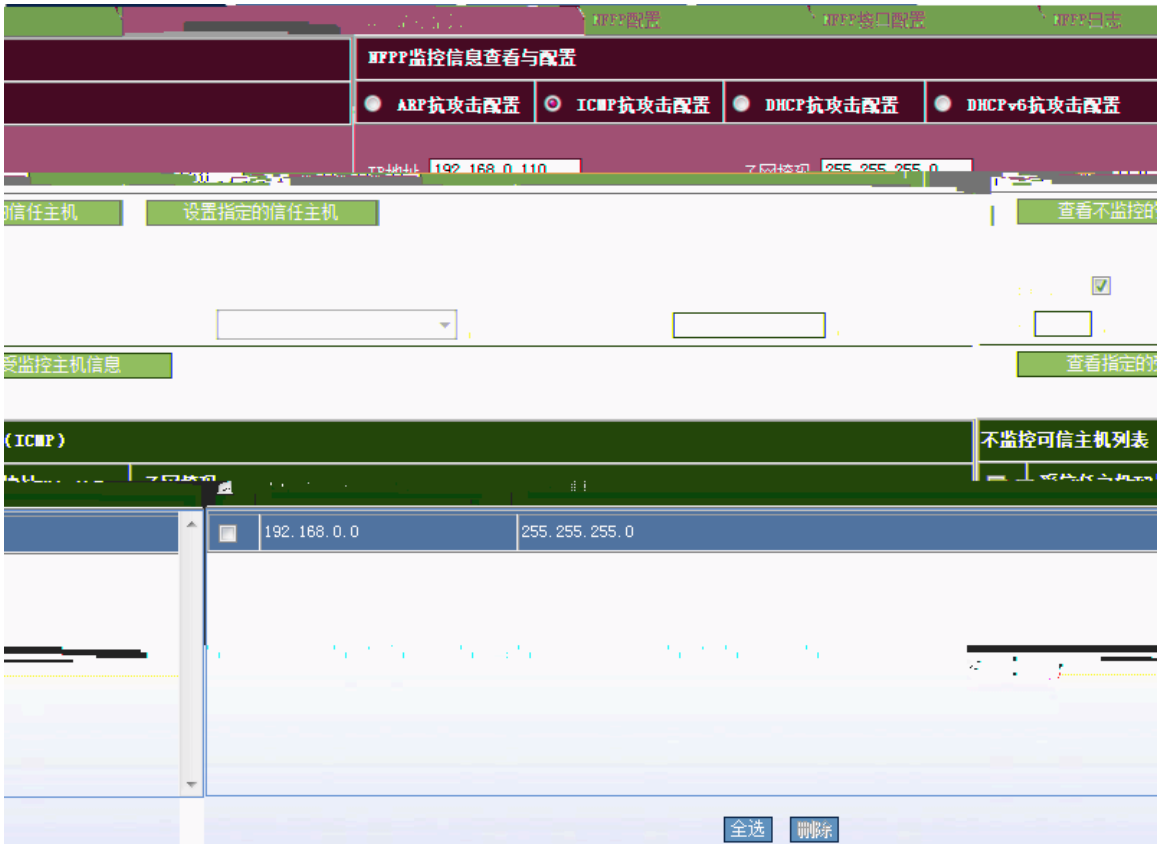
“ ”

“ ” “ ” “

”

2) ICMP

1-25 NFPP —ICMP



ICMP “ ”

IP “ ”

“ ” “

”

3) DHCP

1-26 NFPP —DHCP

DHCP “

” “ ”

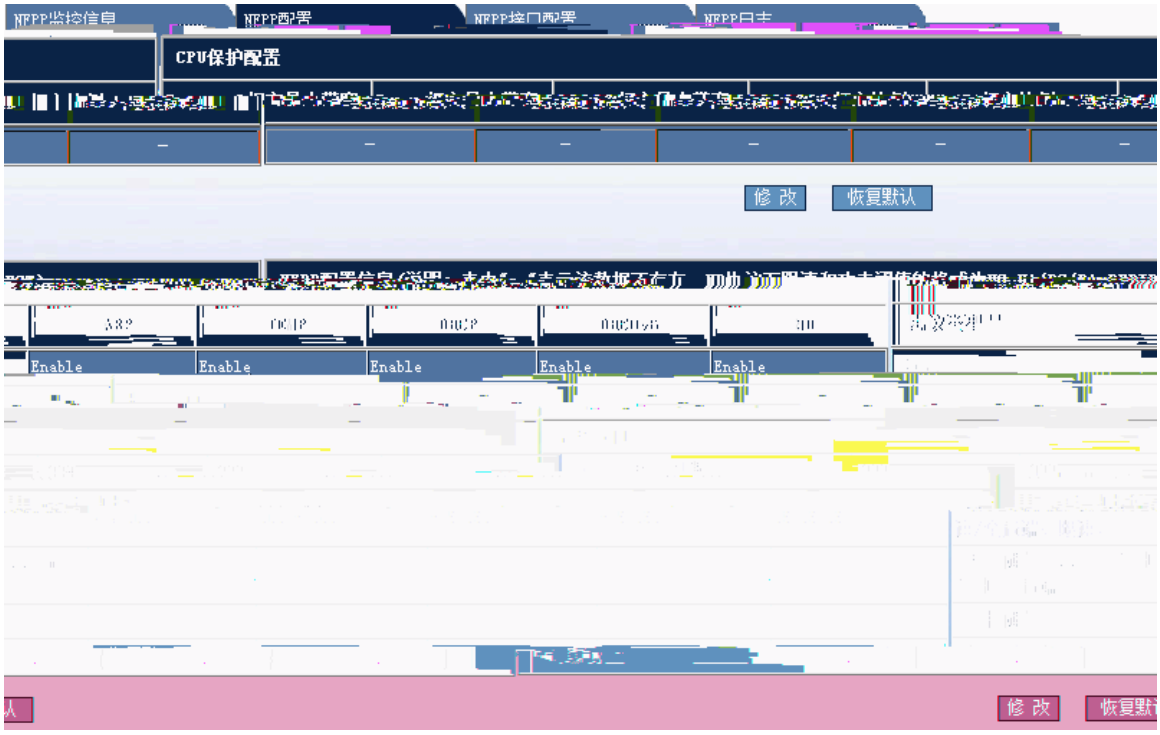
4) DHCPv6

1-27 NFPP —DHCPv6

DHCPv6 “ ” “ ”

NFPP

1-28 NFPP



1) CPU

1-29 CPU

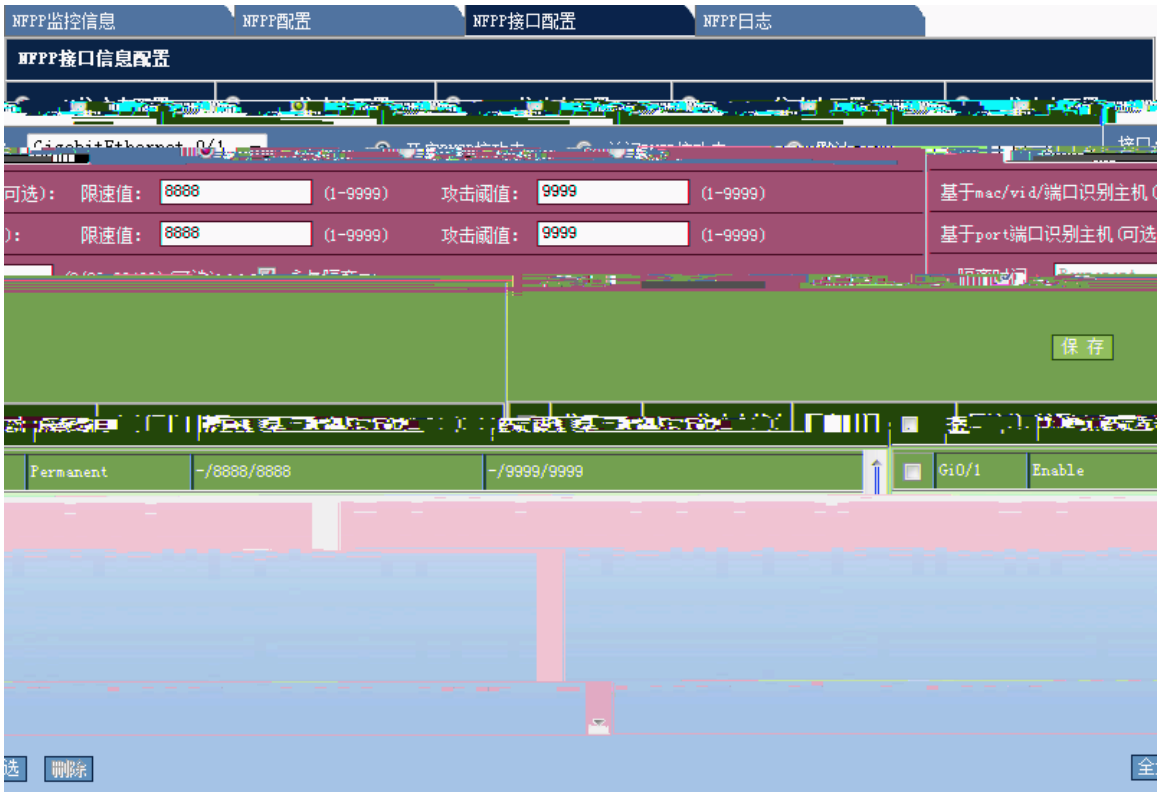
CPU “ ”

“ ”

ARP NFPP “ ”

2) ICMP

1-32 NFPP —NFPP ICMP



DHCP NFPP “ ”

4) DHCPv6

1-34 NFPP —NFPP DHCPv6

DHCPv6 NFPP “ ”

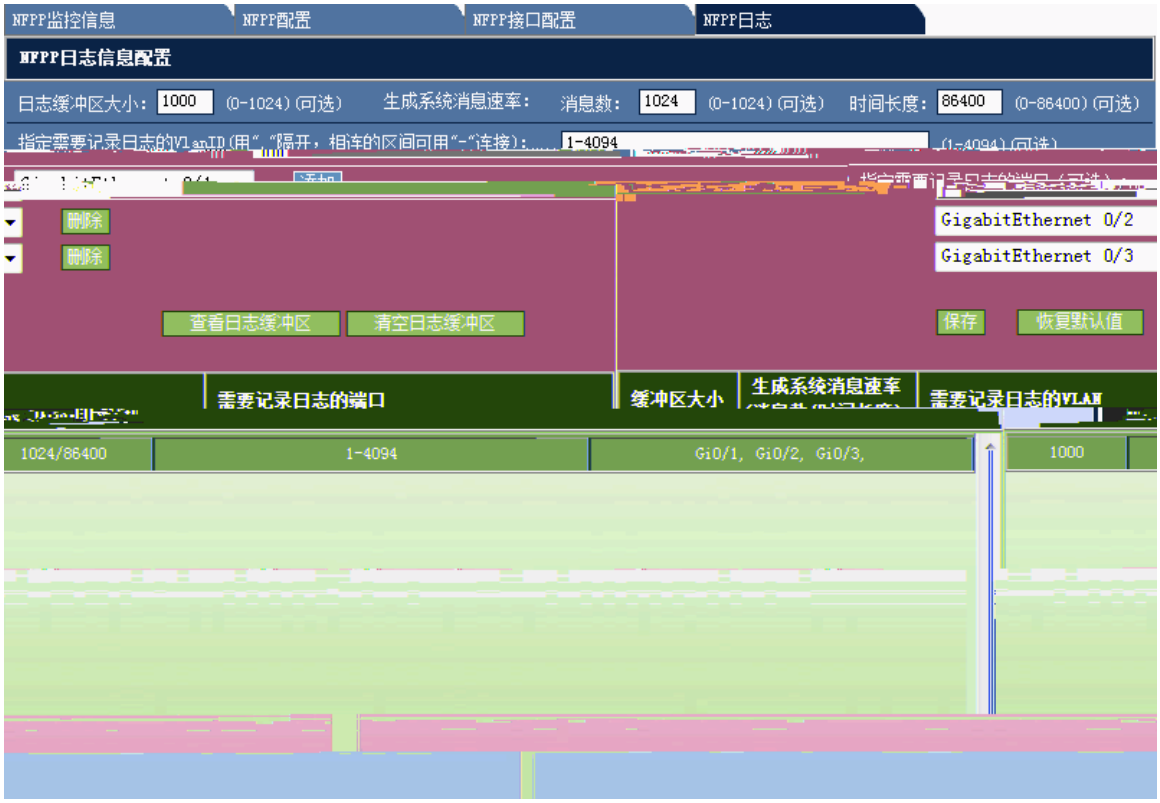
5) ND

1-35 NFPP —NFPP ND

ND NFPP “ ”

NFPP

1-36 NFPP

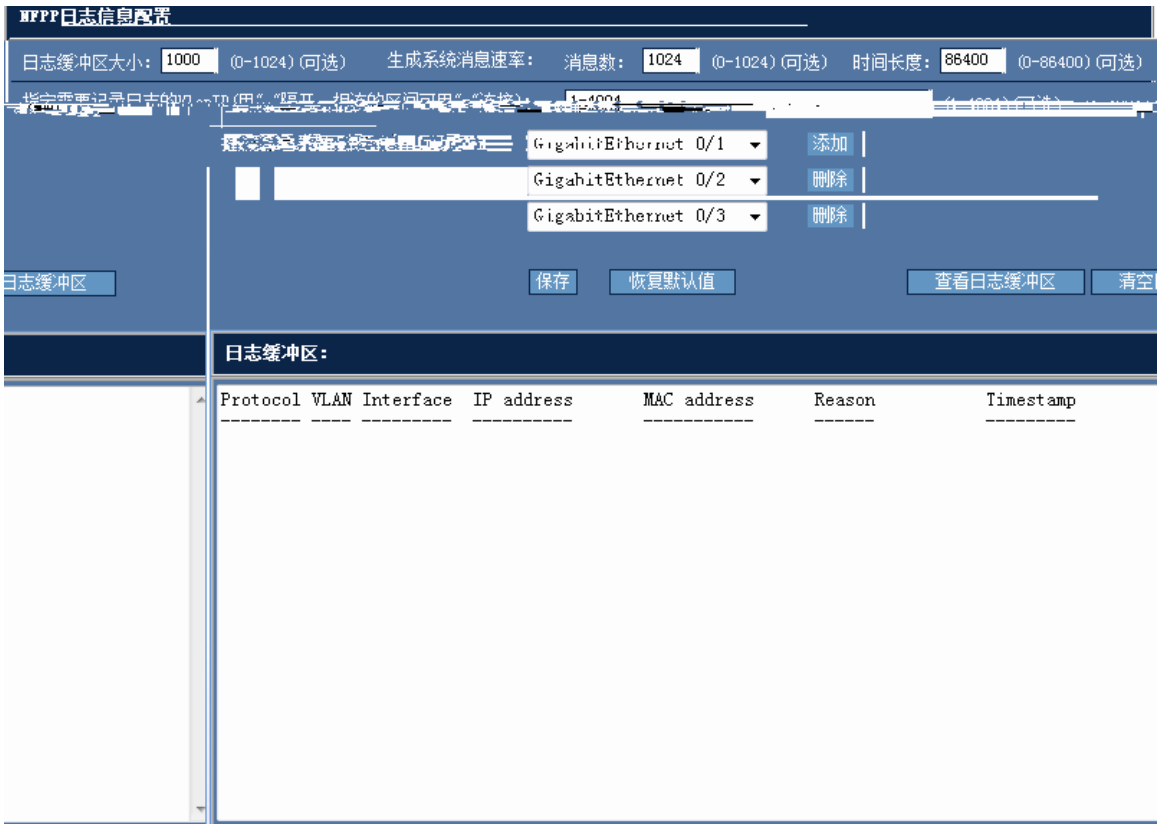

NFPP监控信息
NFPP配置
NFPP接口配置
NFPP日志
NFPP日志信息配置
日志缓冲区大小：
1000
(0-1024) (可选)
生成系统消息速率：
消息数：
1024
(0-1024) (可选)
时间长度：
86400
(0-86400) (可选)
1-4094
删除
删除
GigabitEthernet 0/2
GigabitEthernet 0/3
查看日志缓冲区
清空日志缓冲区
保存
恢复默认值
需要记录日志的端口
缓冲区大小
生成系统消息速率
1024/86400
1-4094
Gi0/1, Gi0/2, Gi0/3,
1000

NFPP “ ”

“ ”

“ ”

1-37



1.6

1.6.1 ARP

“ ARP ”

ARP

1-38 ARP

“ ”

“ ”

1.6.2 ARP

“ ARP ”

ARP

1-39 ARP

/MAC/IP

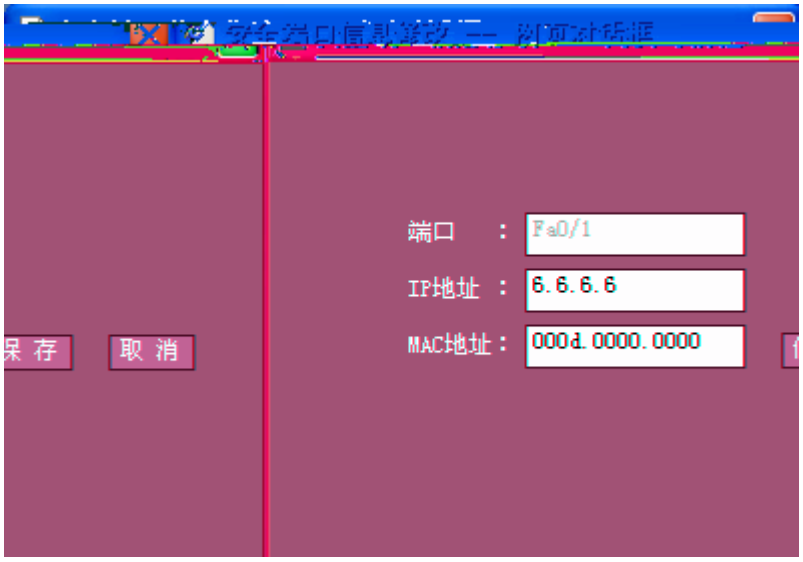
/MAC/IP IP MAC “ ”

MAC GigabitEthernet 0/15

MAC

“ ”

1-40



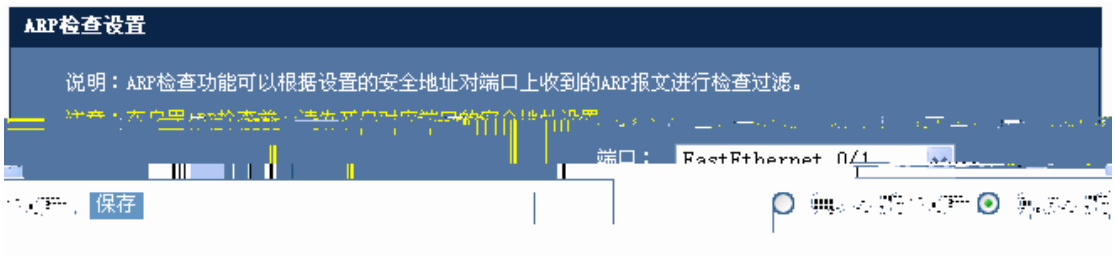
“ ”

1.6.3 APR

“ ARP ”

ARP

1-41 ARP



“ ARP ” “ ARP ”

1.6.4 ACL

“ ACL ”

ACL

1-42 ACL

ACL

ACL ACL ACL ACL
ACL ACE ACE “ ”
ACL “ ” ACE “ ”

ACL

IP “ IP ” IP

1-43 IP

“ ” “ ”

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

MAC MAC

VLAN VLAN ID

IP IP

1-47

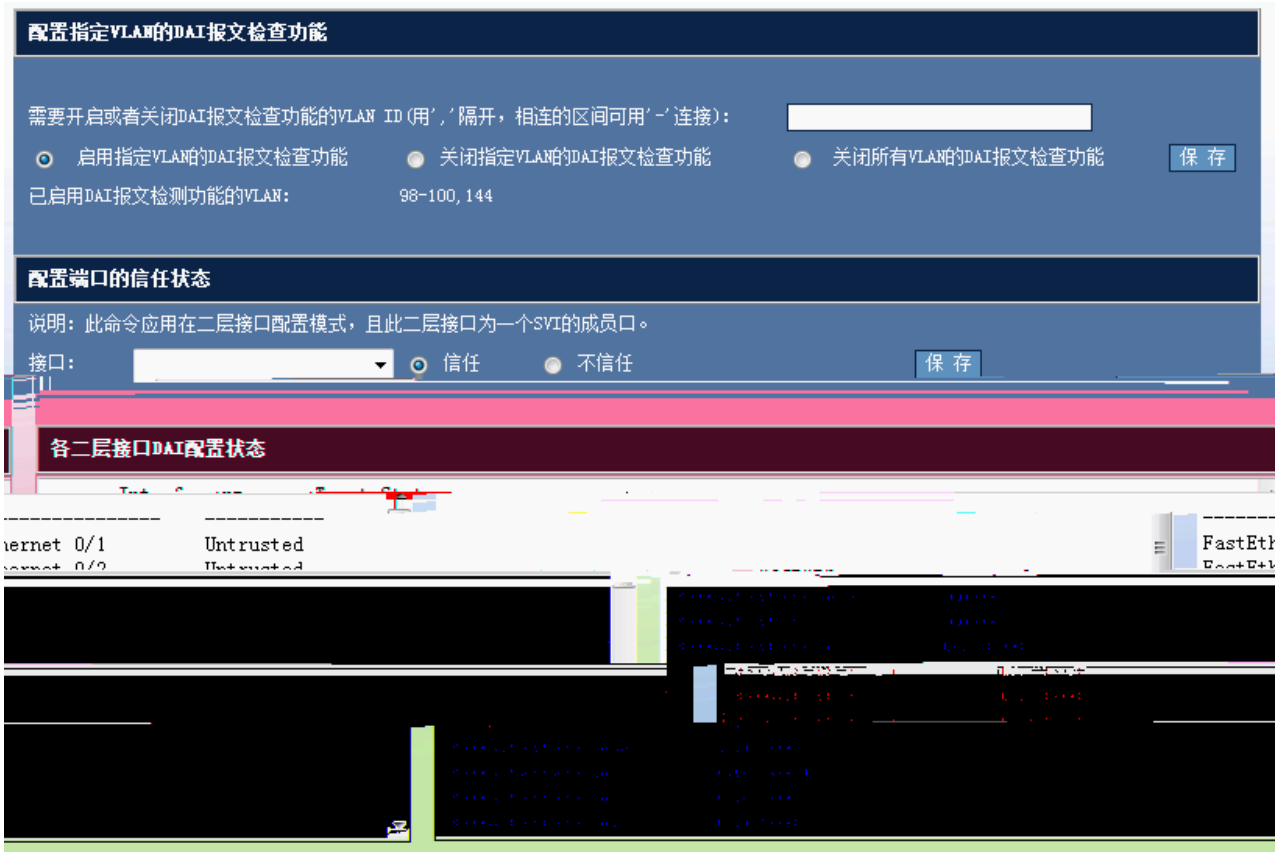
1.6.6 DAI

DAI Dynamic ARP Inspection ARP ARP arp

“ DAI ”

DAI

1-48 DAI



VLAN DAI

VLAN DAI

VLAN 100 DAI vlan-id 100 ARP DAI

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

DAI VLAN

ARP DAI
ARP ARP DAI

“ ” “ ” “ ”

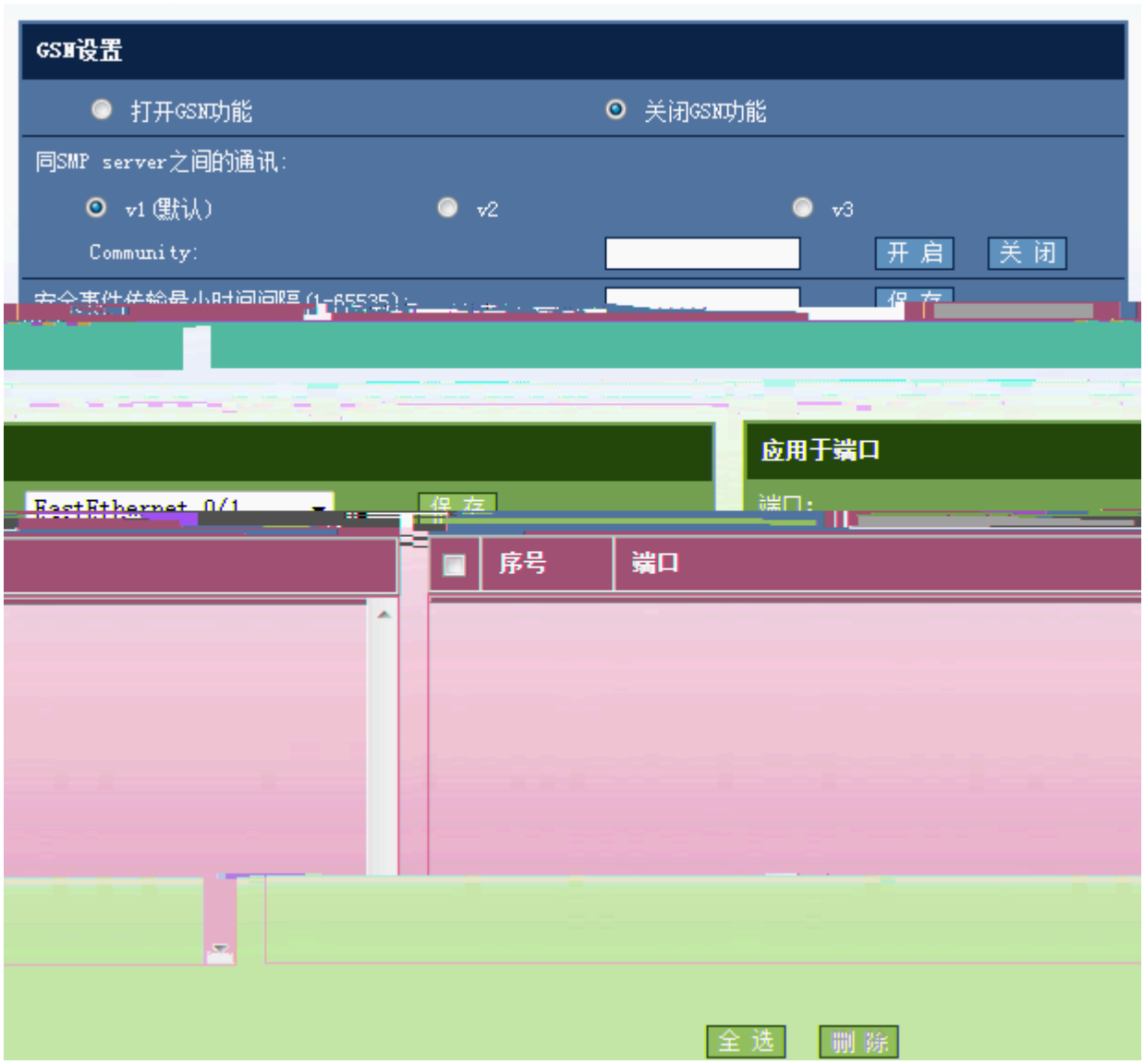
“ DAI ”

1.6.7 GSN

“ GSN ”

GSN

1-49 GSN



GSN

GSN GSN GSN GSN

SMP server

SMP server v1 v2 v3 Community User “ ”

“ ”

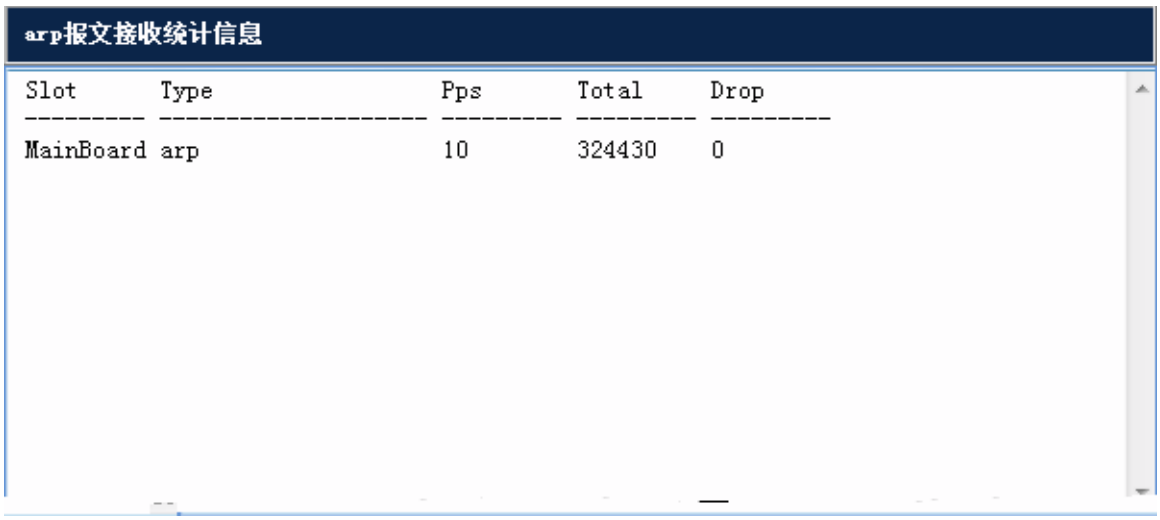
GSN GSN “ ”

“ ”

1.6.8 CPP

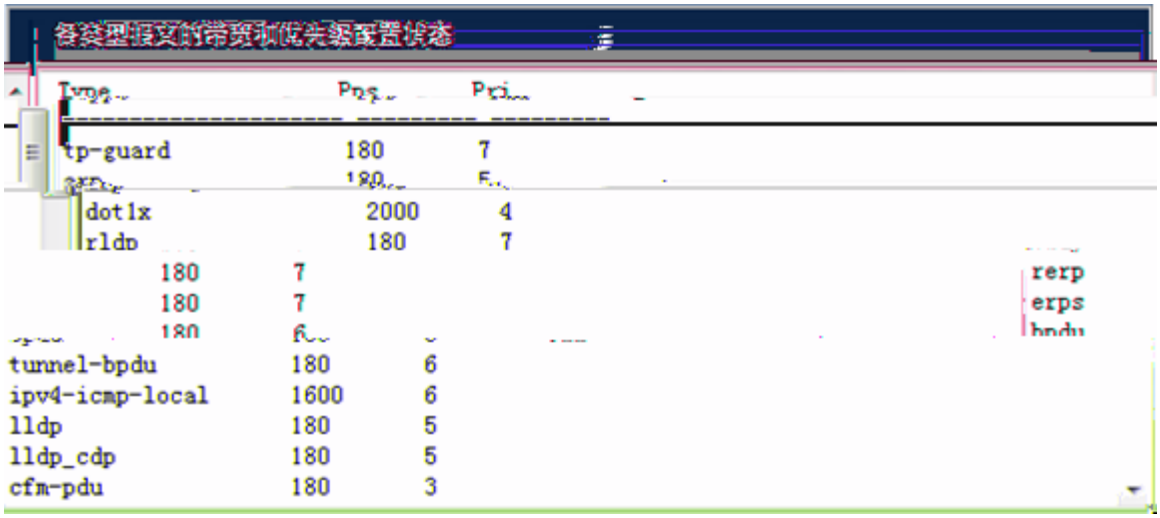
“ CPP ”

CPP


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

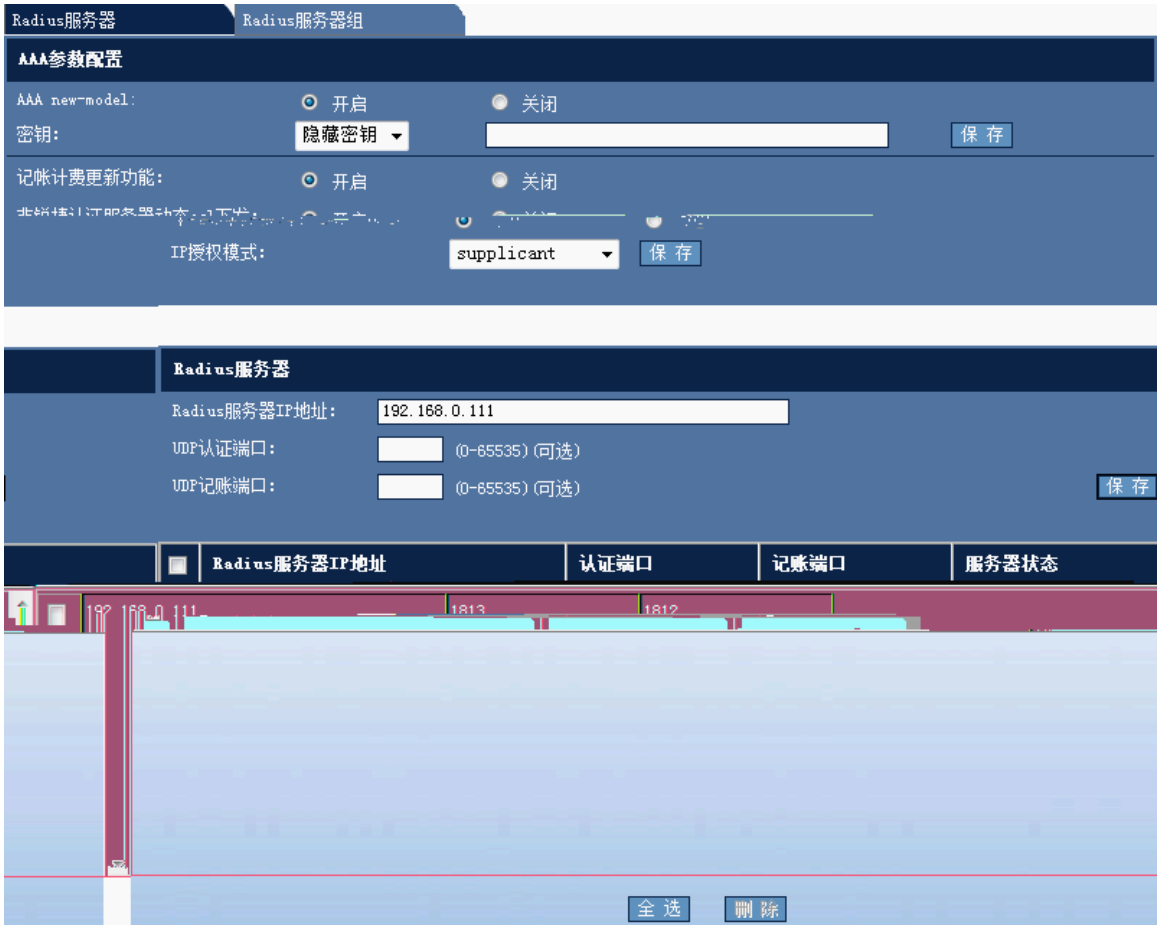
“ ”

1-52


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

/ / “ ” / /

1-53 / /



RADIUS

AAA AAA RADIUS AAA new-model

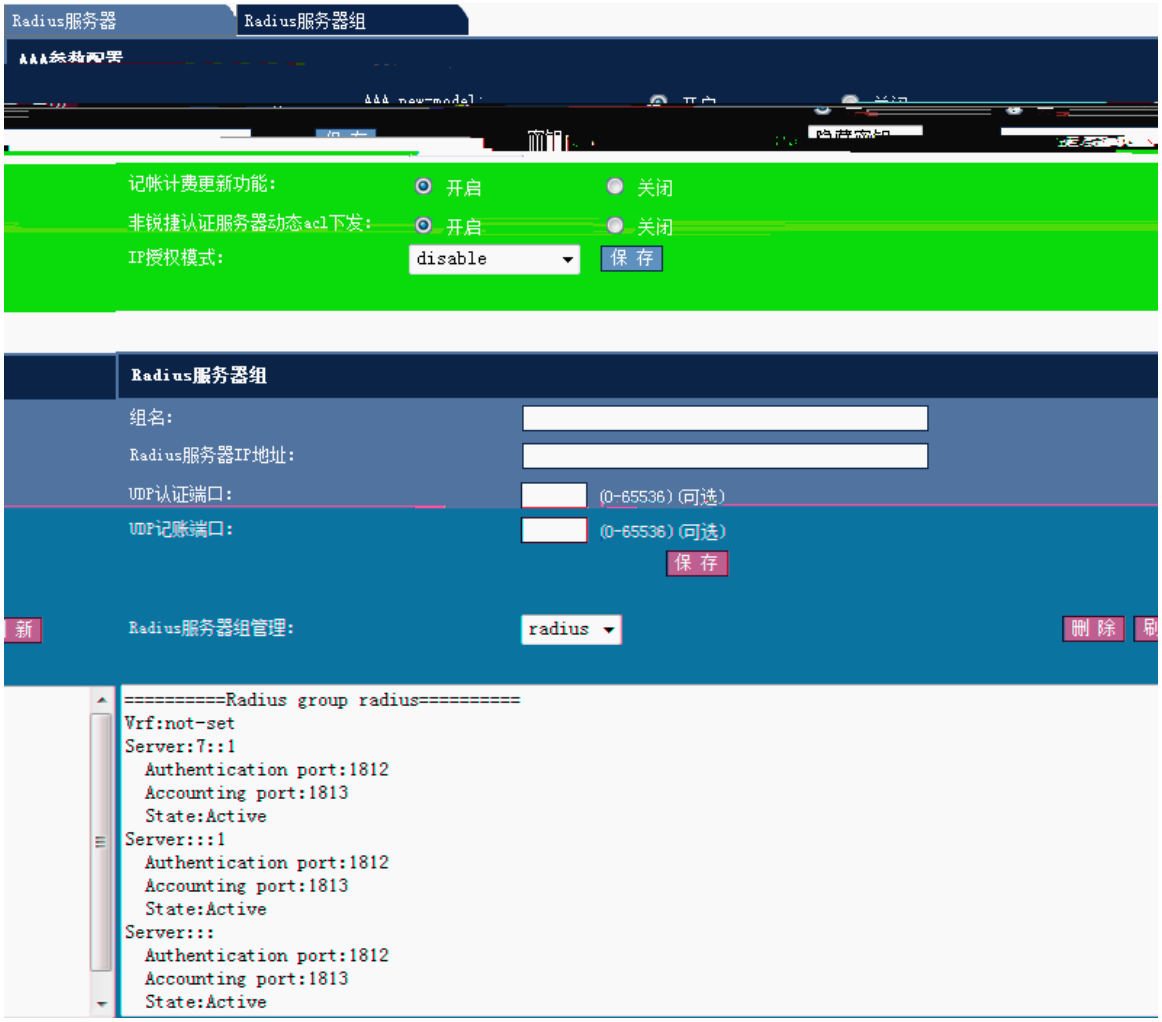
“ ” AAA “ ”

IP IP “ ”

RADIUS IP “ ”

RADIUS

1-55 RADIUS



RADIUS IP

“ ”

Radius “ ”

1.6.10 AAA

“ AAA ”

AAA

1-56 AAA

AAA

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

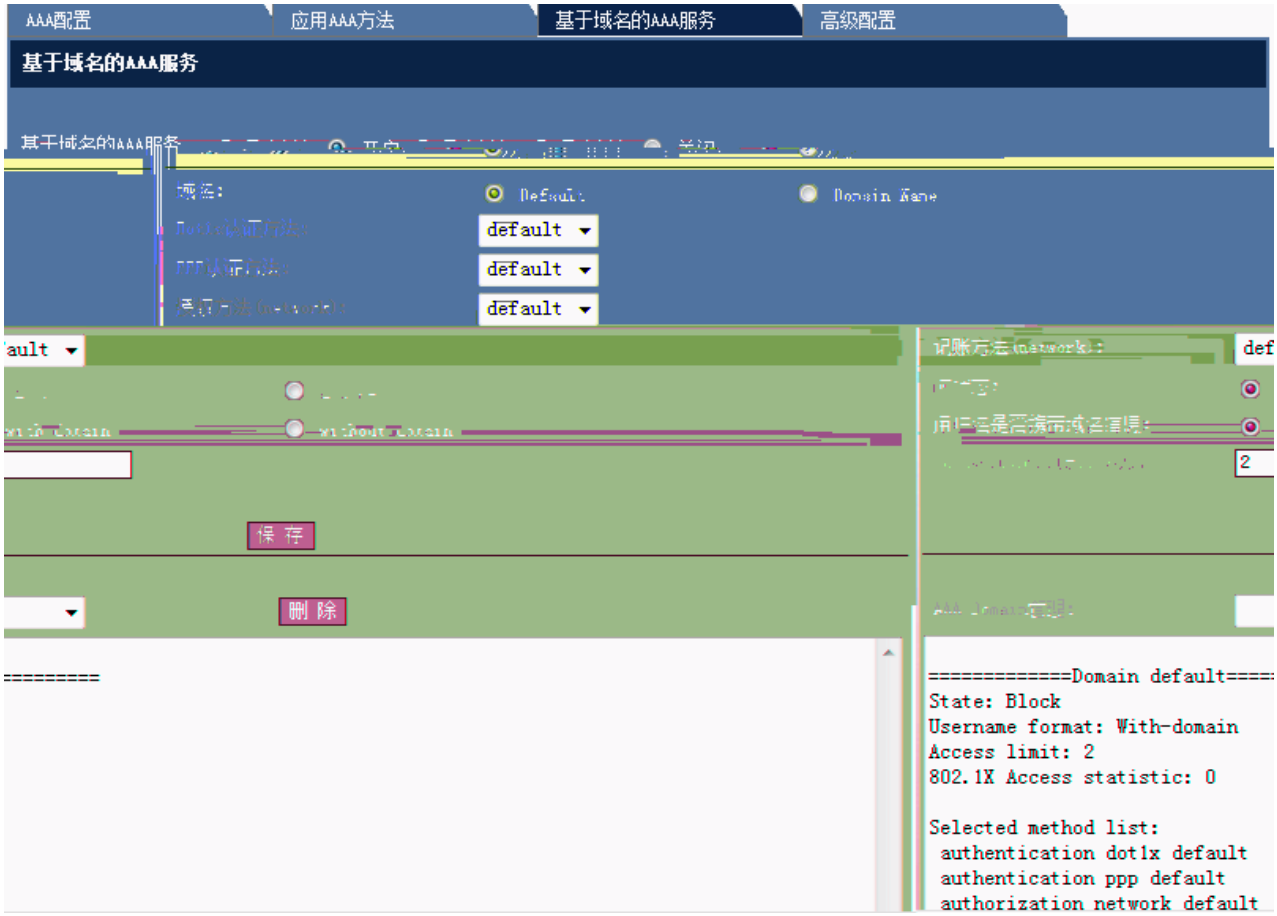
AAA

1-57 AAA

AAA AAA “ ” “ ”
“ ”

AAA

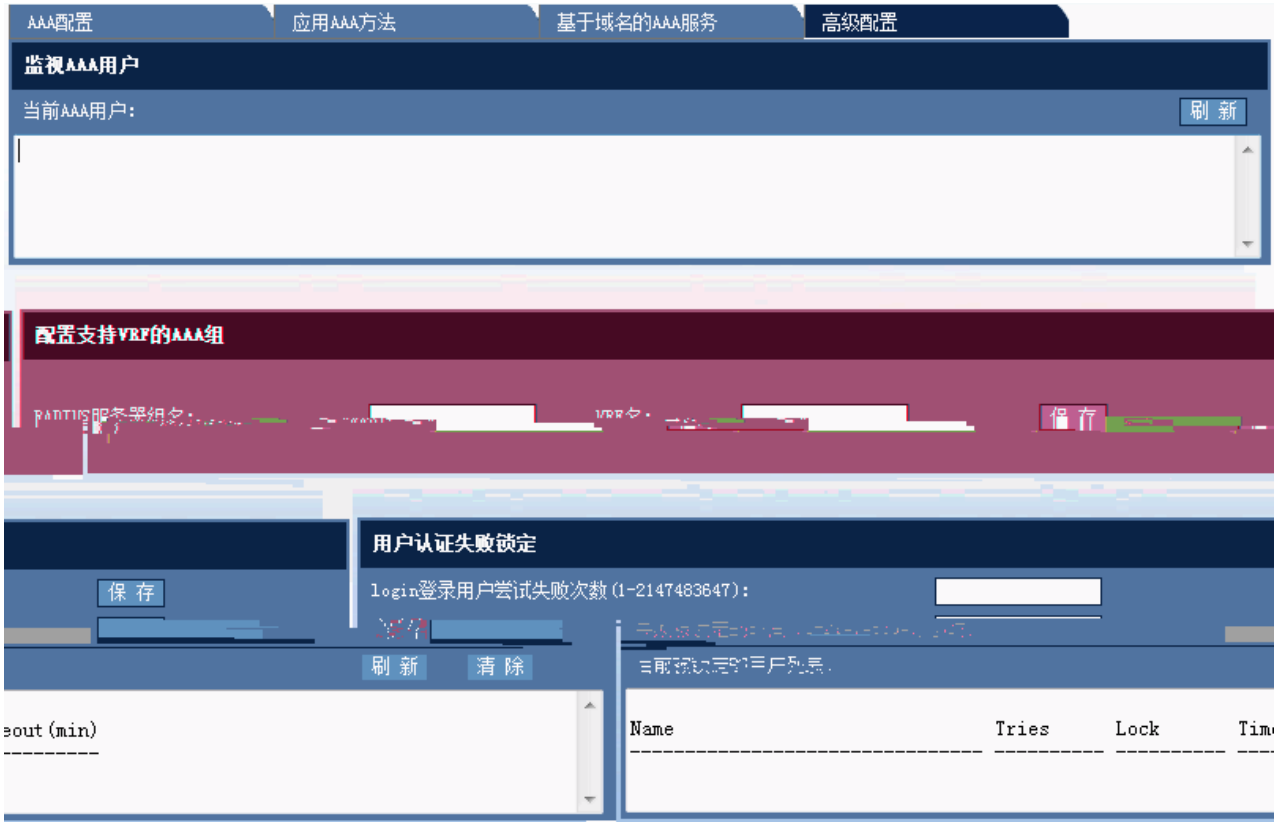
1-58 AAA



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

AAA Domain “ ”

1-59 AAA



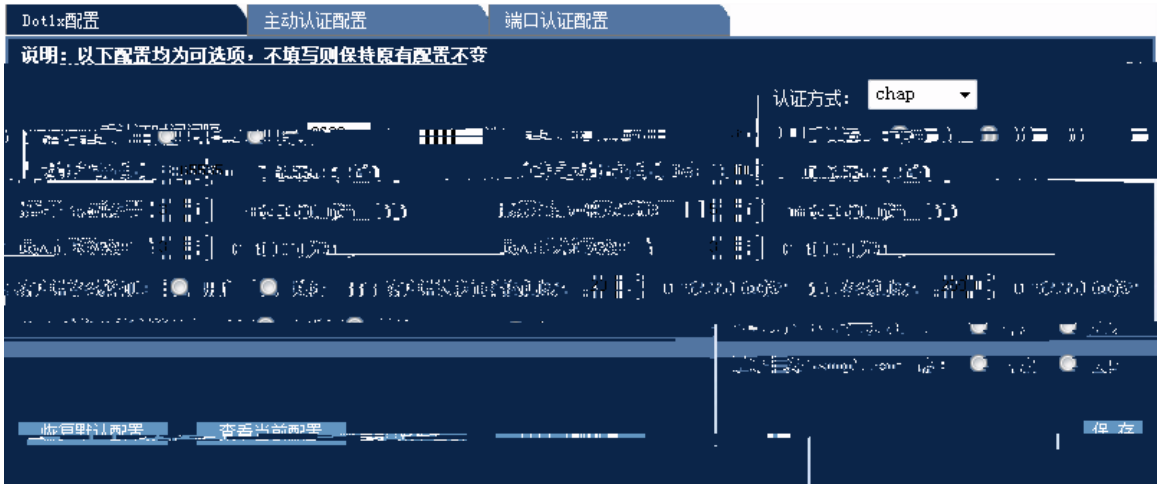
AAA AAA VRF AAA

1.6.11 Dot1x

“ Dot1x ”

Dot1x

1-60 Dot1x

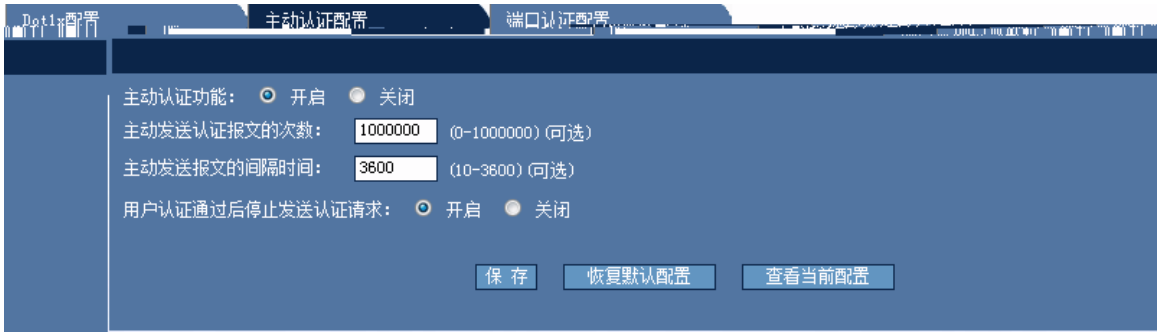


Dot1x

Dot1x “ ”

“ ” “ ”

1-61

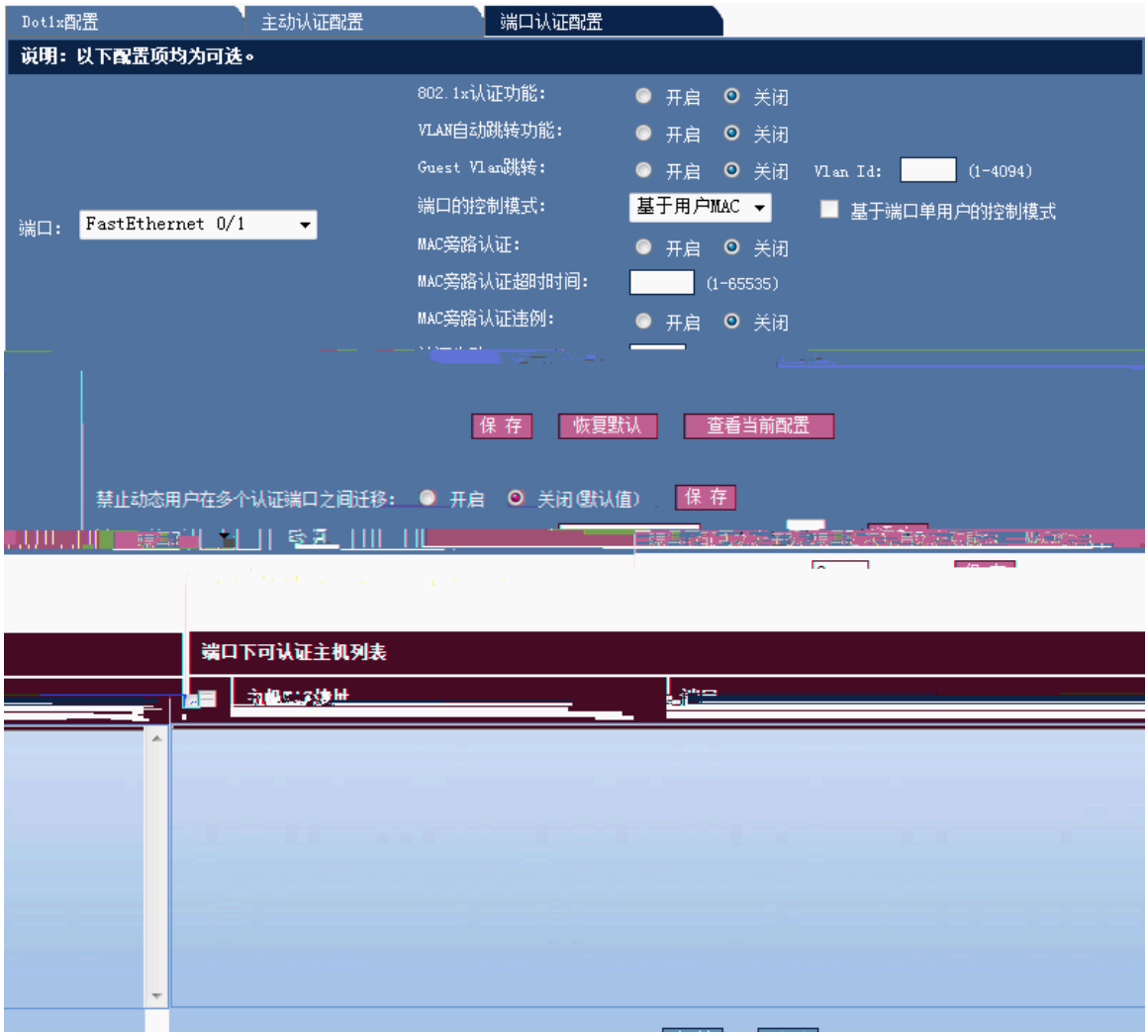


“ ” “ ”

“ ” “ ”

“ ”

1-62 1


Dot1x配置
主动认证配置
端口认证配置
说明：以下配置项均为可选。
802.1x认证功能：
开启
关闭
VLAN自动跳转功能：
开启
关闭
Guest Vlan跳转：
开启
关闭
Vlan Id:
(1-4094)
端口：
FastEthernet 0/1
端口的控制模式：
基于用户MAC
基于端口单用户的控制模式
MAC旁路认证：
开启
关闭
MAC旁路认证超时时间：
(1-65535)
MAC旁路认证违例：
开启
关闭
保 存
恢复默认
查看当前配置
禁止动态用户在多个认证端口之间迁移：
开启
关闭(默认值)
保 存
端口下可认证主机列表

Dot1x

“ ” “ ”

“ ”

1-63 2

“ ”

802.1x MAC

“ ”

VLAN “ ”

1.6.12

“ ”

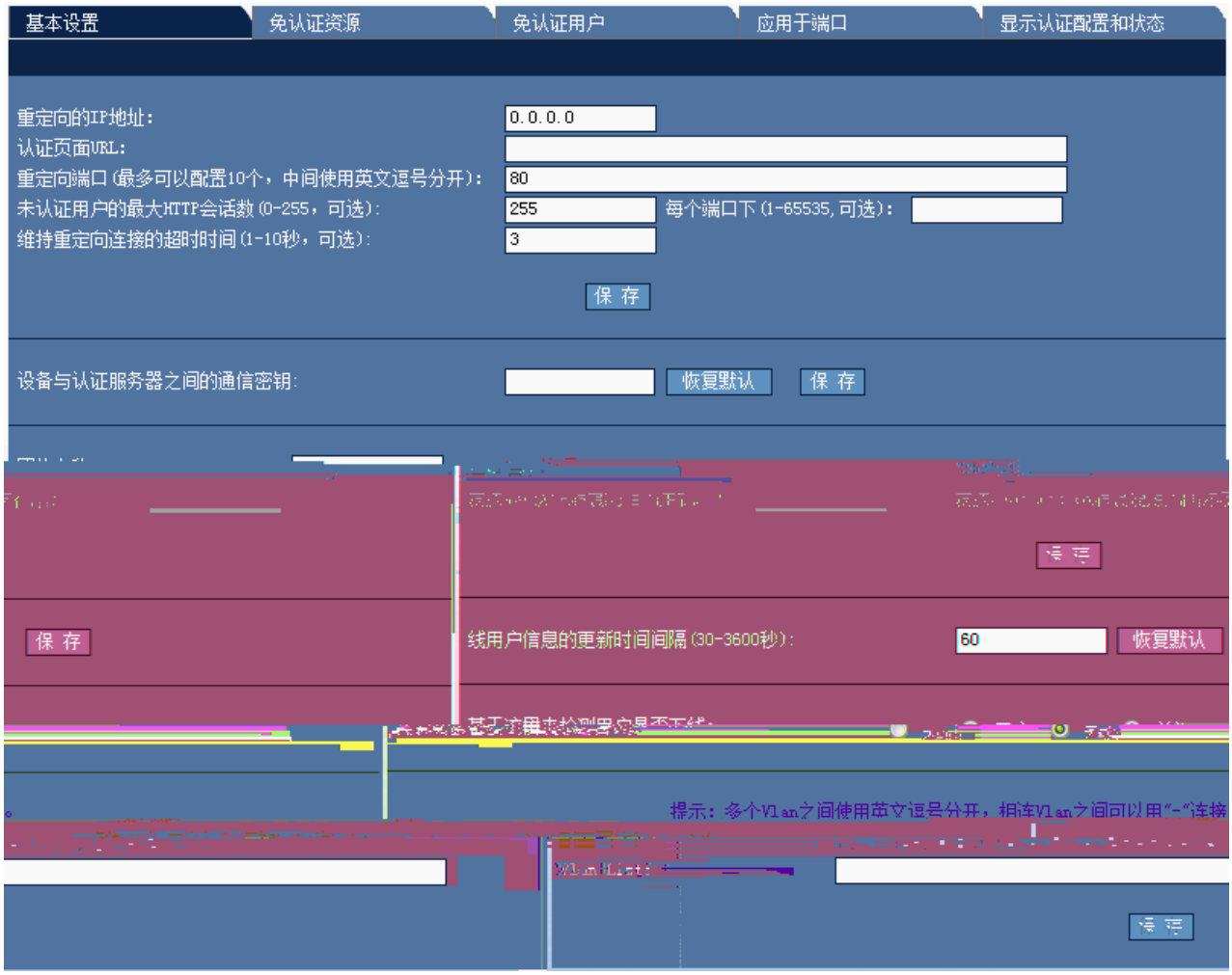
1-64

IP MAC

IP MAC MAC “ ”

ARP IP MAC “ ”

1-65 ARP



web IP URL HTTP (0-255)

Web IP

SNMP-Inform , , Vlan List

80

1-67


基本设置
免认证资源
免认证用户
应用于端口
显示认证配置和状态
免认证的网络资源(最大允许配置50个)
如果接入/汇聚设备启用了ARP CHECK功能，那么需要对免认证的网络资源范围进行ARP绑定，需要配置arp关键字。
IP:
子网掩码(可选):
ARP
保 存
全 选
删 除

IP “ ”

1-68


免认证用户(最大允许配置50个)
子网掩码
端口
ARP绑定
序号
IP地址
255.255.255.0
Fa0/2
On
1
192.168.23.1

IP “ ”

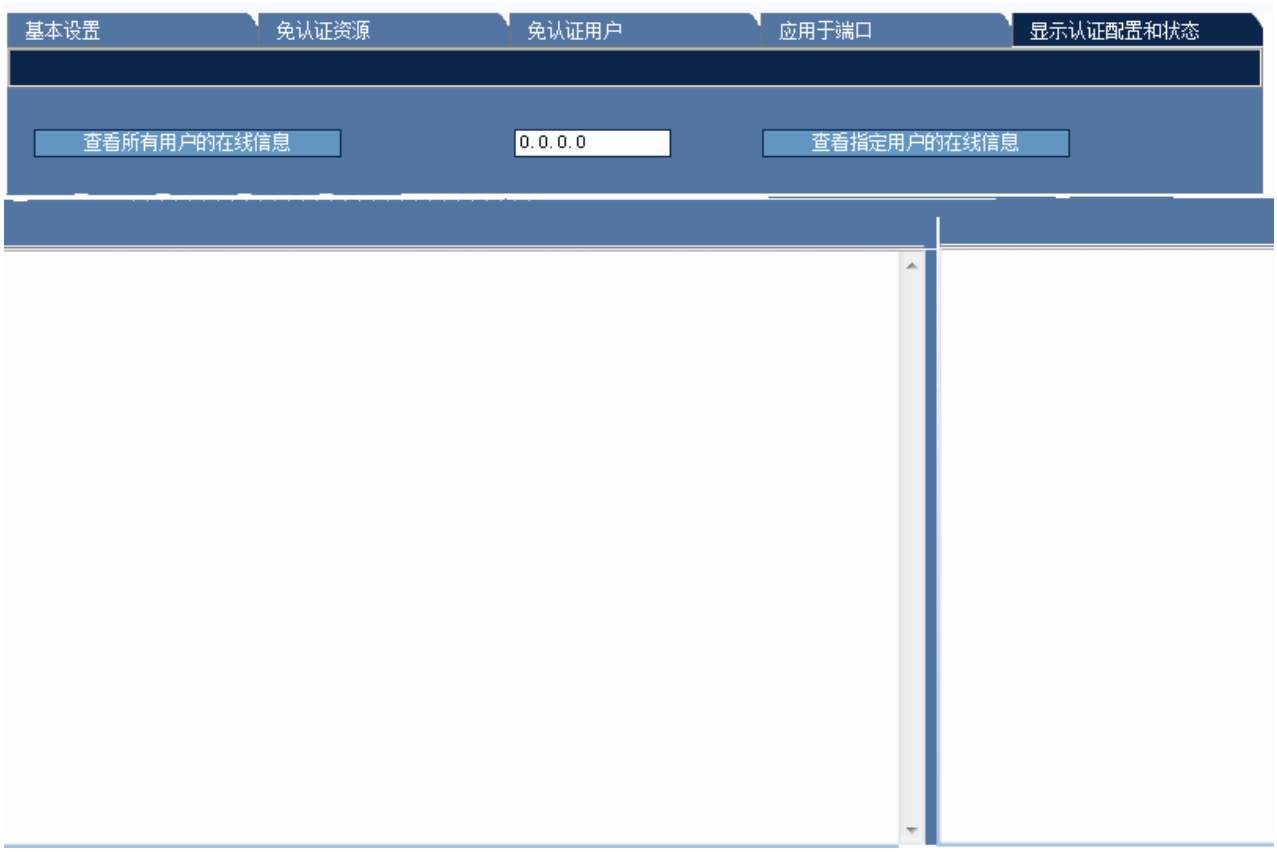
“ ”

1-69


基本设置
免认证资源
免认证用户
应用于端口
显示认证配置和状态
应用于端口
端口:
FastEthernet 0/3
IP Only Mode
保 存
序号
端口
IP Only Mode
1
FastEthernet 0/1
YES
2
FastEthernet 0/3
YES
全 选
删 除

“ ” “ ”

1-70


基本设置
免认证资源
免认证用户
应用于端口
显示认证配置和状态
查看所有用户的在线信息
0.0.0.0
查看指定用户的在线信息

IP

1.6.14 DHCP Snooping

“ DHCP Snooping ”

DHCP Snooping

1-71 DHCP Snooping

DHCP Snooping

DHCP Snooping DHCP Snooping MAC “ ”

DHCP Snooping

“ ”

“ ”

1.7 QOS

1.7.1

“ ”

1-72

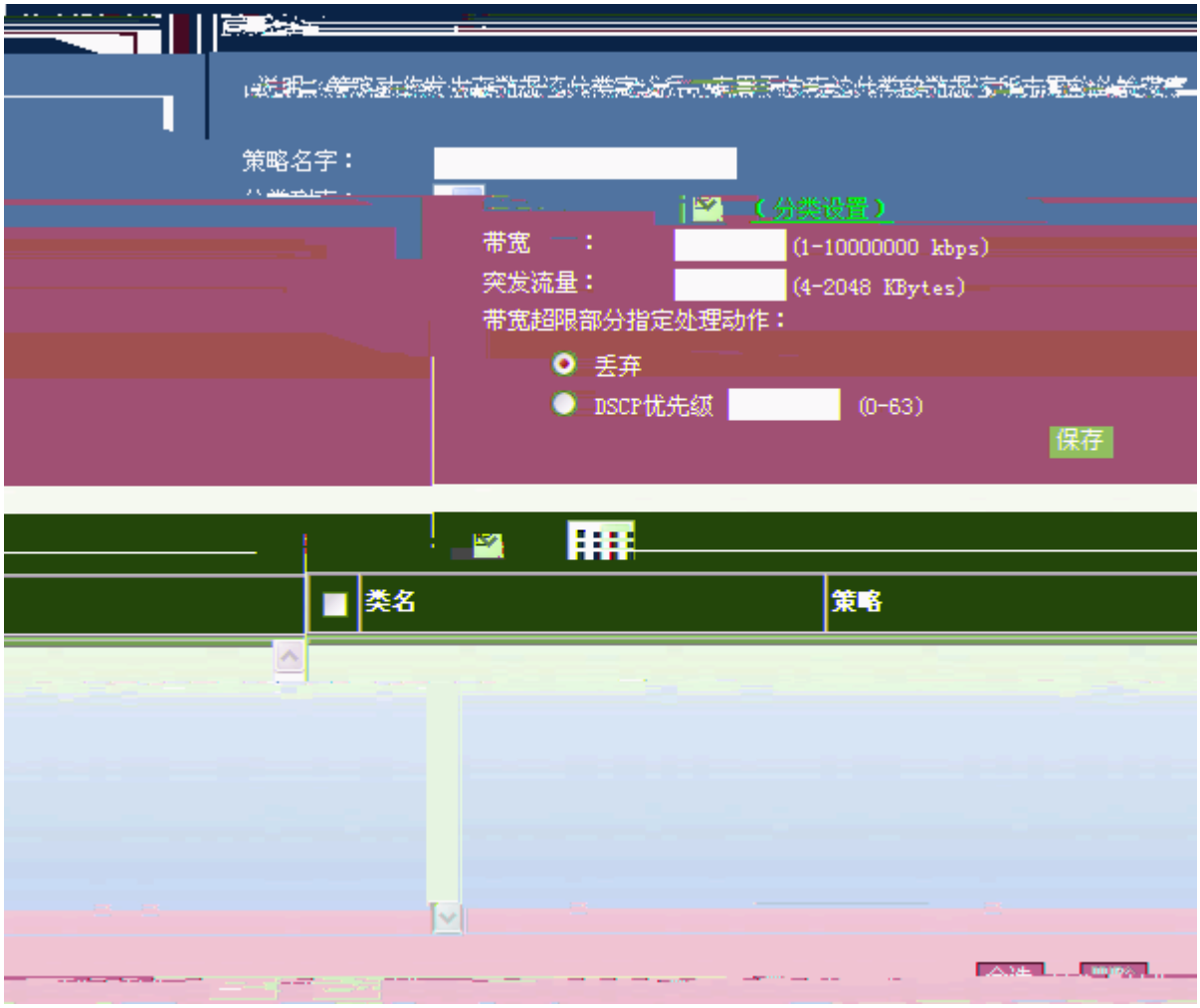
ACL “ ”

“ ”

1.7.2

“ ”

1-73


策略名字：
（分类设置）
带宽 ：
(1-10000000 kbps)
突发流量：
(4-2048 KBytes)
带宽超限部分指定处理动作：
丢弃
DSCP优先级
(0-63)
保存
类名
策略

DSCP

“ ”

“ ” “ ”

1.7.3

“ ”

ш

1.7.4

“ ”

1-75

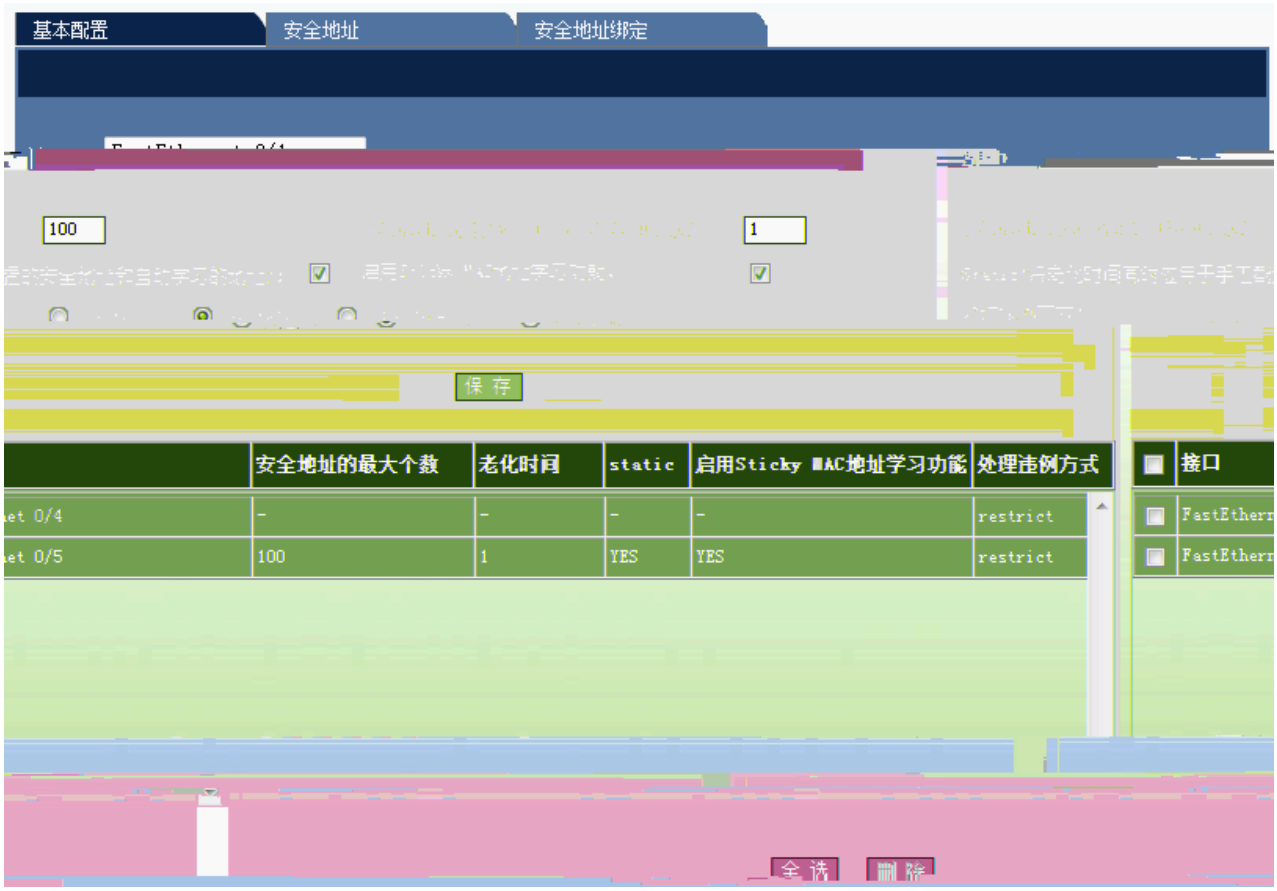
“ ”

“ ”

1.7.5

“ ”

1-76

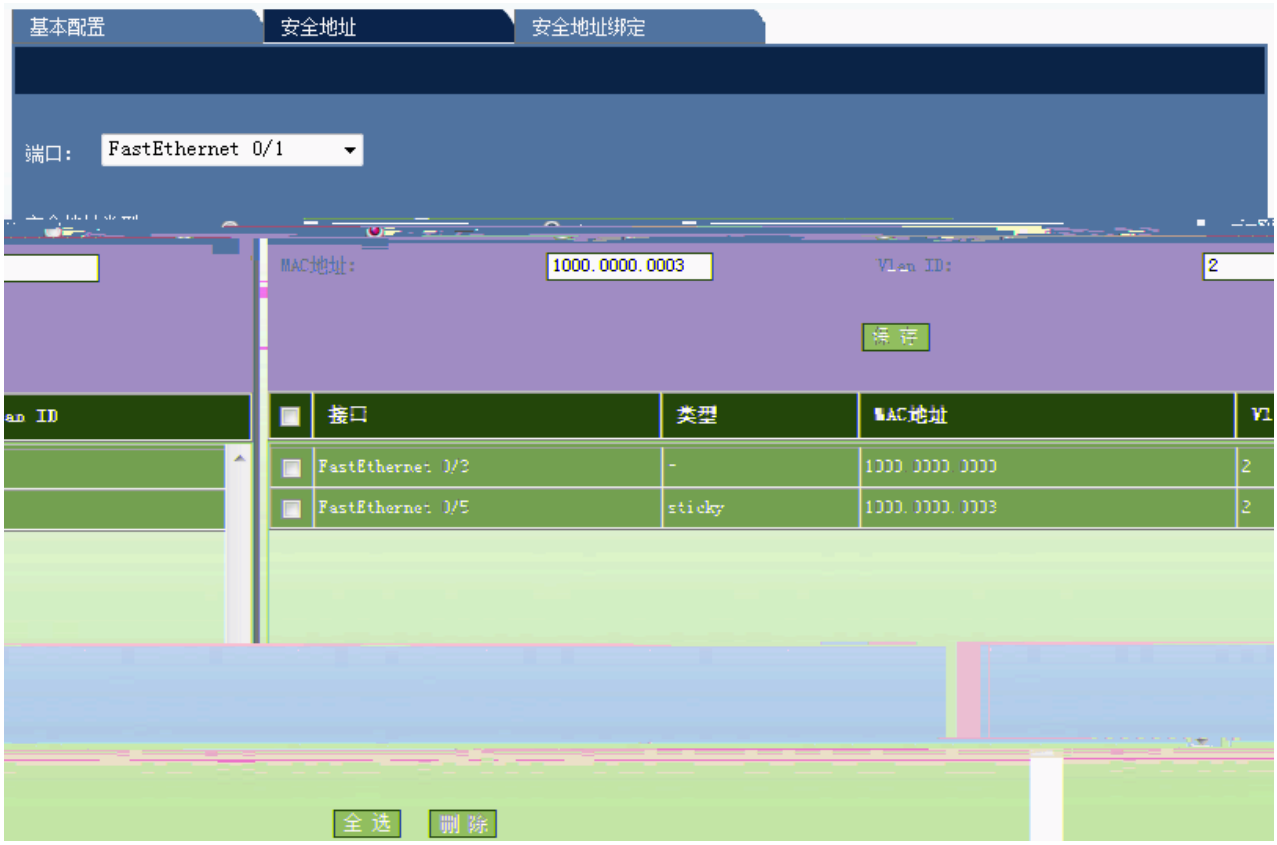


Static Sticky Mac

“ ”

“ ”

1-77



Mac VLAN ID “ ”

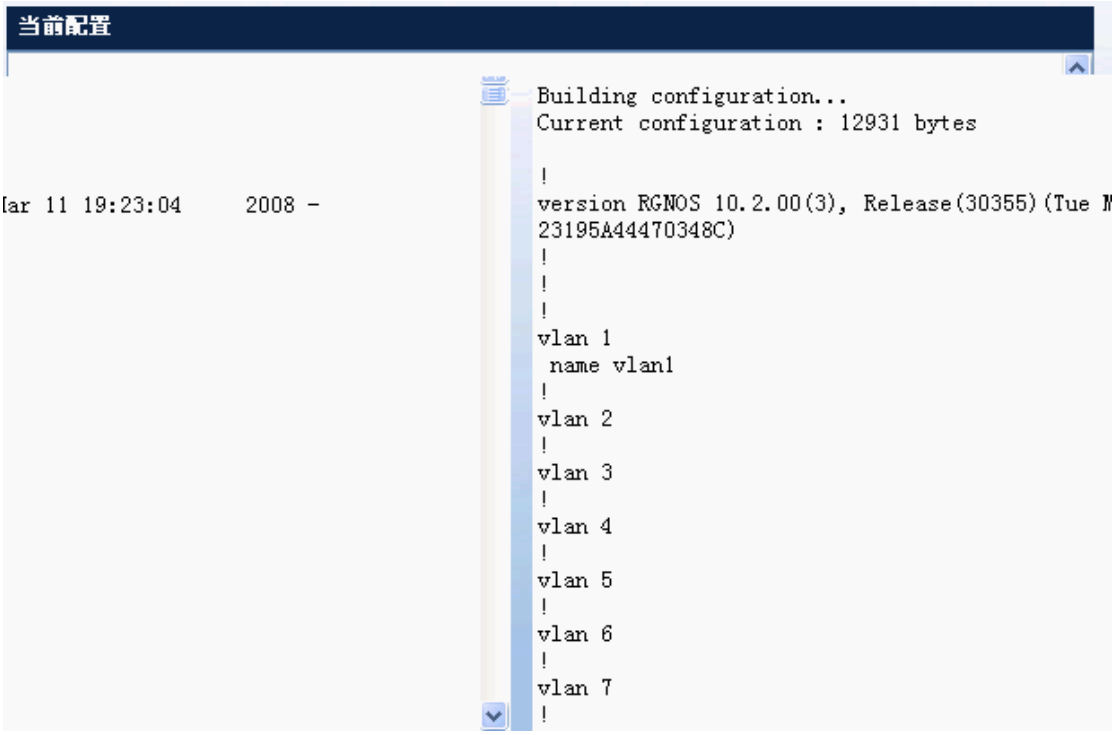
“ ”

1-78

1.8.2

“ ”

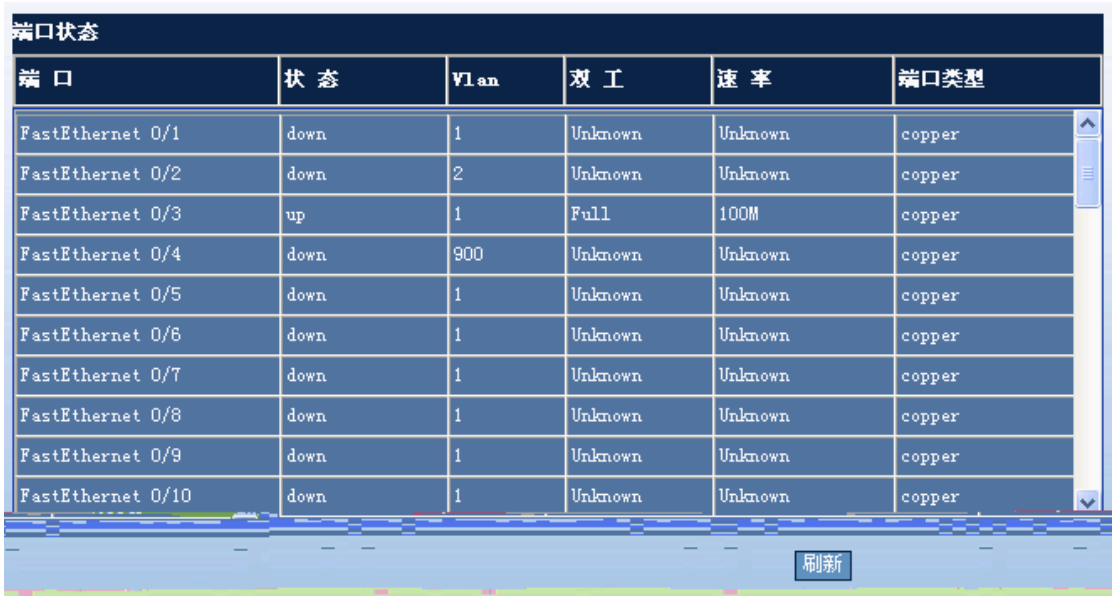
1-80



1.8.3

“ ”

1-81


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
刷新

1.8.4

“ ”

1-82

1.8.5

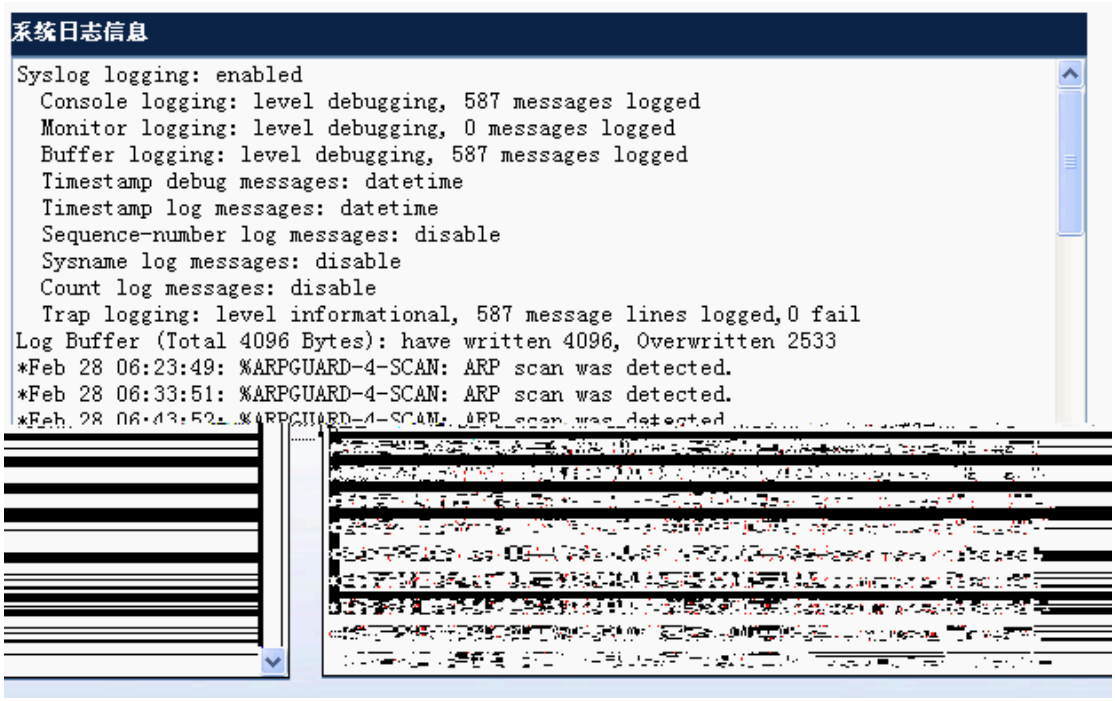
“ ”

1-83

1.8.6

“ ”

1-84



1.9

1.9.1 Ping

W lz ' “ Ping

1.9.2 Telnet

“ Telnet ”

Telnet

1-86 Telnet

“ Telnet ” Telnet PC Telnet PC Telnet

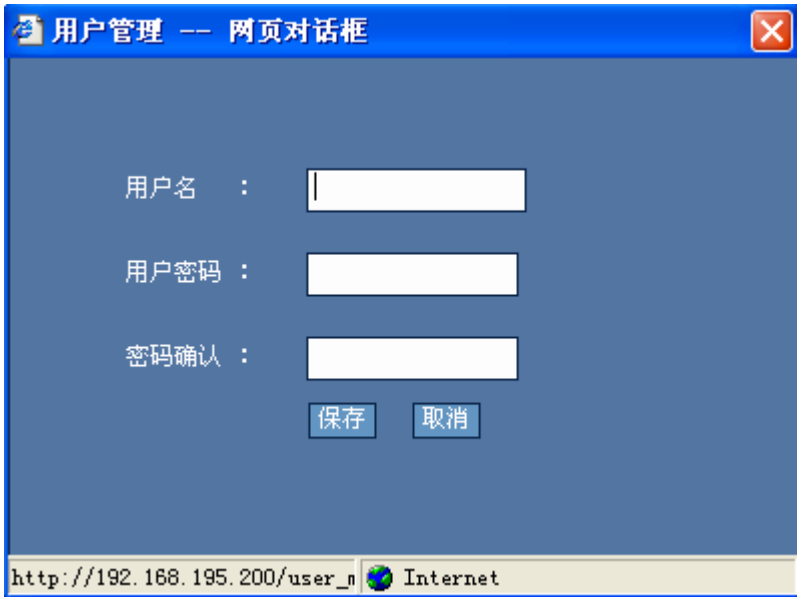
1.9.3

“ ”

1-87

“ ”

1-88

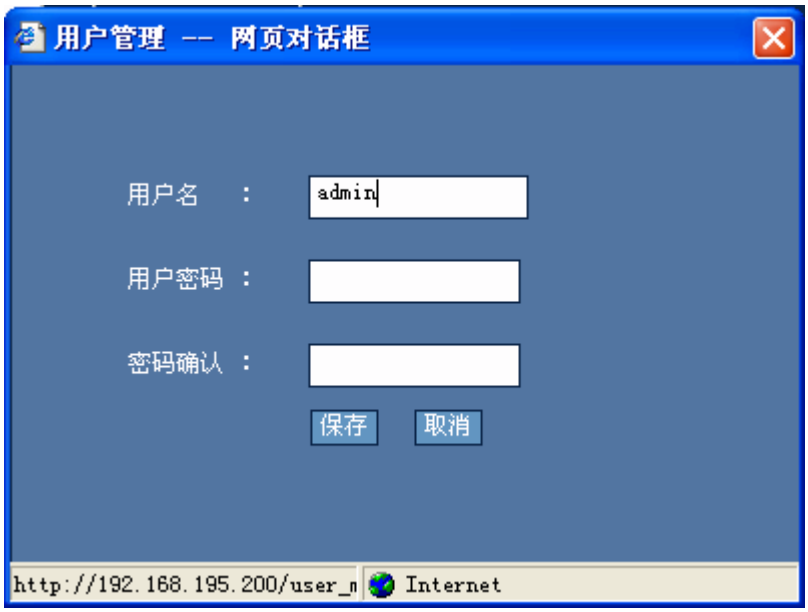

用户管理 -- 网页对话框
用户名 ：
用户密码 ：
密码确认 ：
保存
取消
http://192.168.195.200/user_m
Internet

“ ”

“ ”

“ ”

1-89


用户管理 -- 网页对话框
用户名 ：
admin
用户密码 ：
密码确认 ：
保存
取消
http://192.168.195.200/user_n
Internet

“ ”

~

Enable

Enable “ ”

1-91

Telnet

Telnet “ ”

1.9.5 /

“ / ”

/

1-92 /

config.text TFTP IP TFTP “ ”
config.text TFTP “ ” TFTP

1.9.6 WEB

“ WEB ”

WEB

1-93 WEB

“ ” 8080
IP 192.168.1.1 http://192.168.1.1:8080 “ ”
http://192.168.1.1

1.9.7

“ ”

Ɏ “

1-94

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
!
```

```
 no shutdown
!
!
line con 0
line vty 0 4
 login
!
!
end
```