WEB

RG-S2900G-E(P)

RGOS 10.4(2b12)p6

V1.1

RGOS 10.4 (2b12)p6

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- http://www.ruijie.com.cn/ Â
- http://webchat.ruijie.com.cn Â
- http://www.ruijie.com.cn/service.aspx Â
- 7 × 24 Ь 4008-111-000
- http://support.ruijie.com.cn
- б Л service@ruijie.com.cn

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■ ʒ Ю Љ Ь Â

1 WEB

WEB IE

WEB WEB WEB WEB

WEB

WEB IE

2 WEB

2.1

WEB

WEB	

🕮	WEB “ WEB ” WEB Enable Enable

IP http://192.168.1.200,

1

“ ”

2

WEB

3 WEB

	WEB Enable enable

2.2

2.2.1 IP

“ IP ”

IP


交换机IP设置
注意：如果激活交换机的IP地址，请用新的IP地址重新登录WEB。
VLAN ID
IP地址
子网掩码
状 态
1
192.168.195.200
255.255.255.0
激活
2
192.168.1.2
255.255.255.0
修 改

4 IP

ip “ ”


交换机IP设置 -- 网页对话框
注意：如果激活修改后的VLAN，请确保激活后的VLAN的IP
2
192.168.1.2
255.255.255.0
VLAN ID
IP地址
子网掩码
激活状态
激活（UP）
未激活（DOWN）
保存
取消
Internet

5 IP

IP “ ”

2.2.2 VLAN

“ VLAN ”

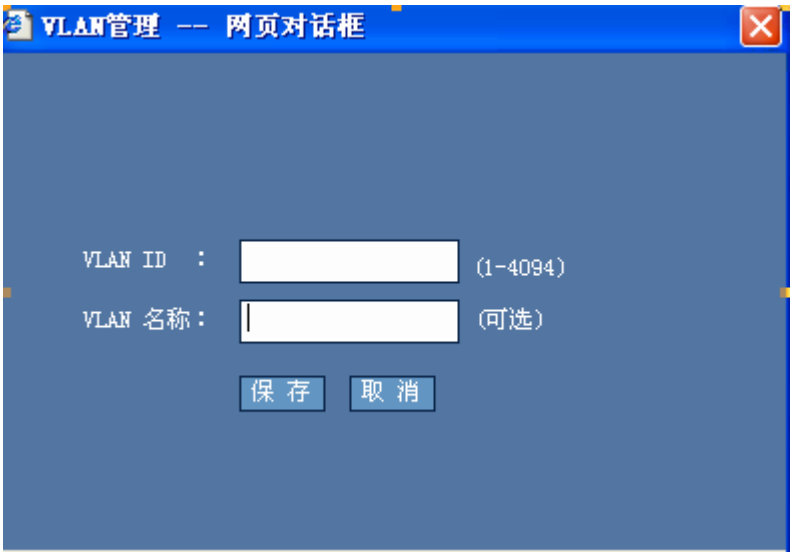
1 VLAN

6 VLAN

VLAN VLAN

VLAN

“ ”

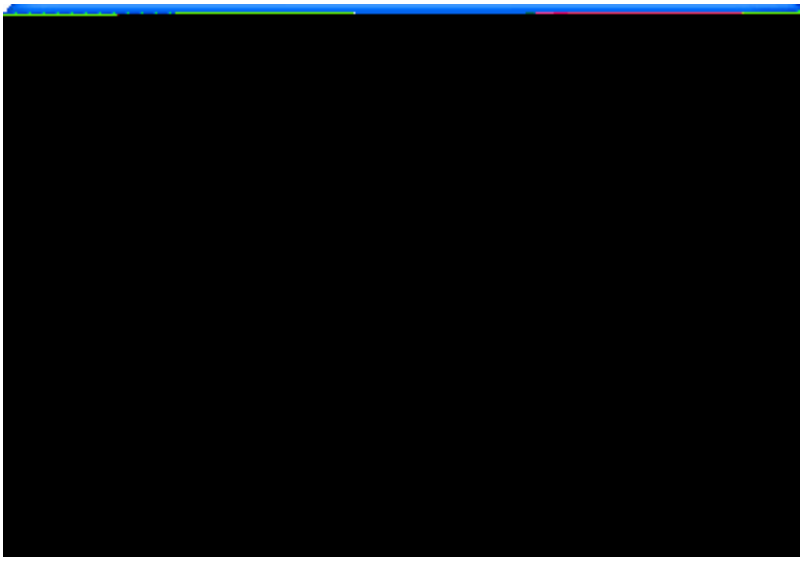


7 VLAN

VLAN ID VLAN “ ”
VLAN VLAN

VLAN “ ”

VLAN “ ”

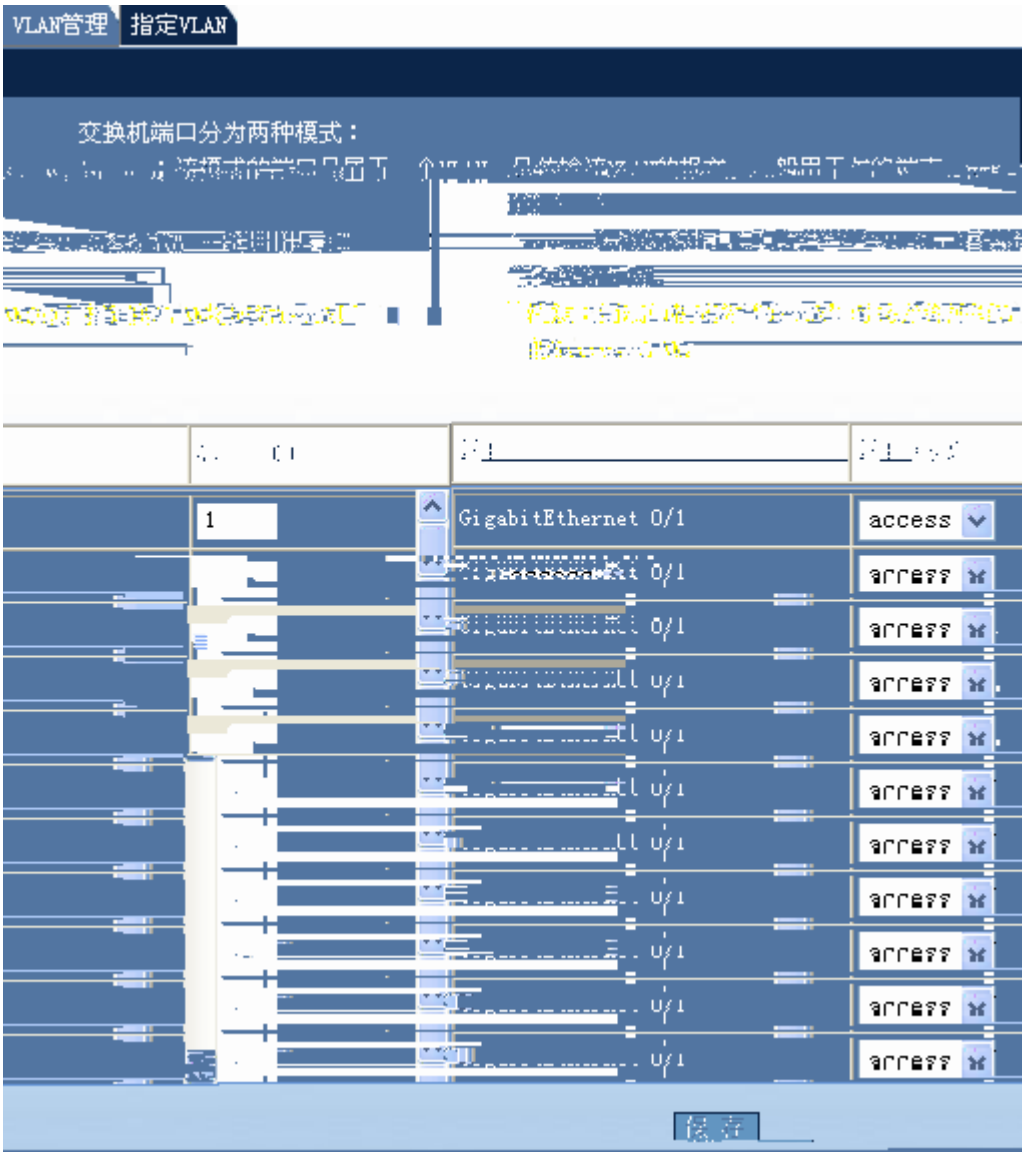


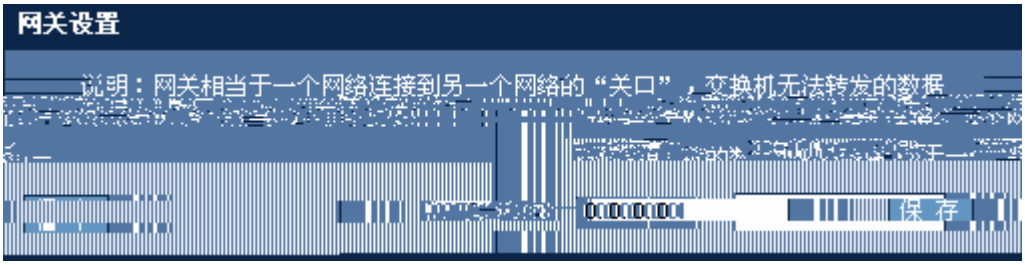
8 VLAN

VLAN “ ”

VLAN

2 VLAN


VLAN管理
指定VLAN
交换机端口分为两种模式：
1
GigabitEthernet 0/1
access


网关设置
说明：网关相当于一个网络连接到另一个网络的“关口”，交换机无法转发的数据
保 存

10

IP IP “ ”

2.2.4

“ ”


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。
监控端口
FastEthernet 0/1
请选择被监控端口及监控模式：
所有数据
FastEthernet 0/27
FastEthernet 0/28
FastEthernet 0/6
FastEthernet 0/7
FastEthernet 0/8
FastEthernet 0/35
FastEthernet 0/36
FastEthernet 0/37
FastEthernet 0/38
FastEthernet 0/10
FastEthernet 0/11
FastEthernet 0/12
FastEthernet 0/13
删除端口监控

11

“ ”

“ ”

2.2.5

“ ”

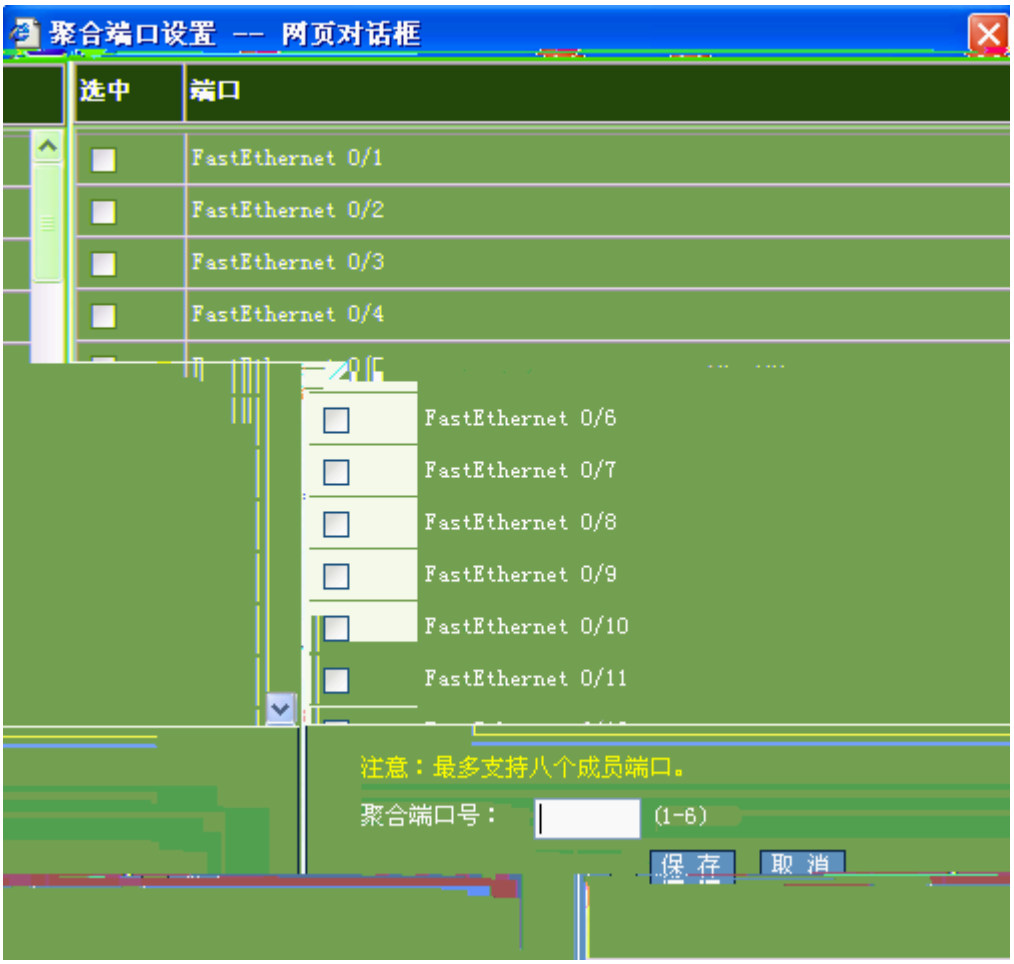

端口限速设置
注意：不限速的端口，保持对应文本框为空（1byte=8bit）。S2900系列设备不支持对端口输入速率限制的设置。
端口
输出速率限制 (312-1000000 KBit/s)
输入速率限制 (312-1000000 KBit/s)
GigabitEthernet 0/1
GigabitEthernet 0/2
GigabitEthernet 0/3
GigabitEthernet 0/4
GigabitEthernet 0/5
GigabitEthernet 0/6
GigabitEthernet 0/7
GigabitEthernet 0/8
GigabitEthernet 0/9
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 101Dc 9230.04 62E09DC6369B7004192354202TE494D3666739D662AF31B1C661


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

14

“ ”

3

“ ”

2.2.7

“ ”

15

“ ”

2.2.8 DHCP

“ DHCP ”

DHCP

16 DHCP

1) / DHCP

/ DHCP “ ”

2)DHCP

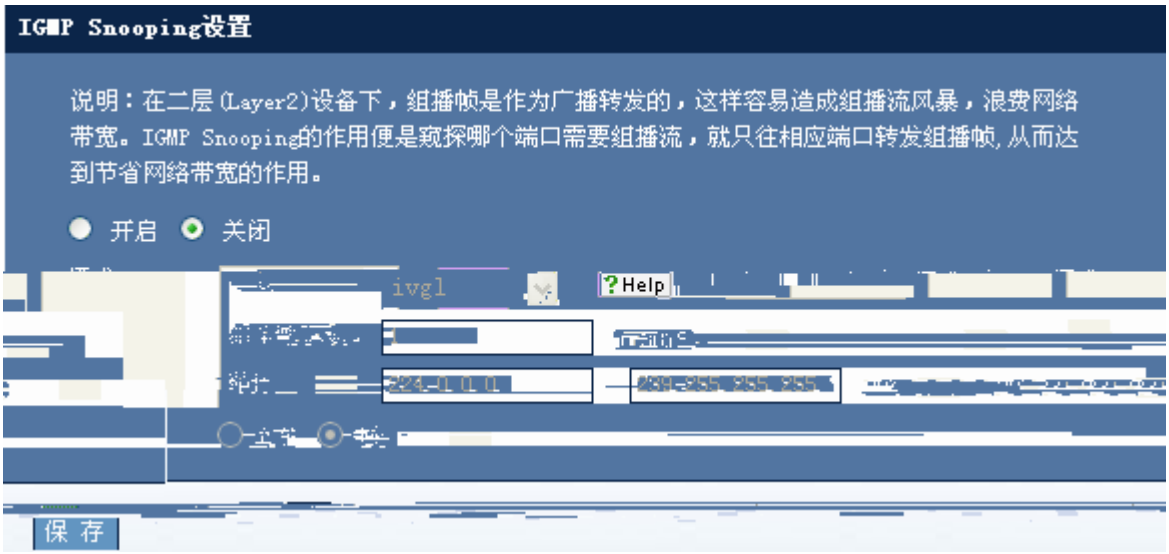
DHCP “ ”

DHCP “ ”

2.2.9 IGMP Snooping

“ IGMP Snooping ”

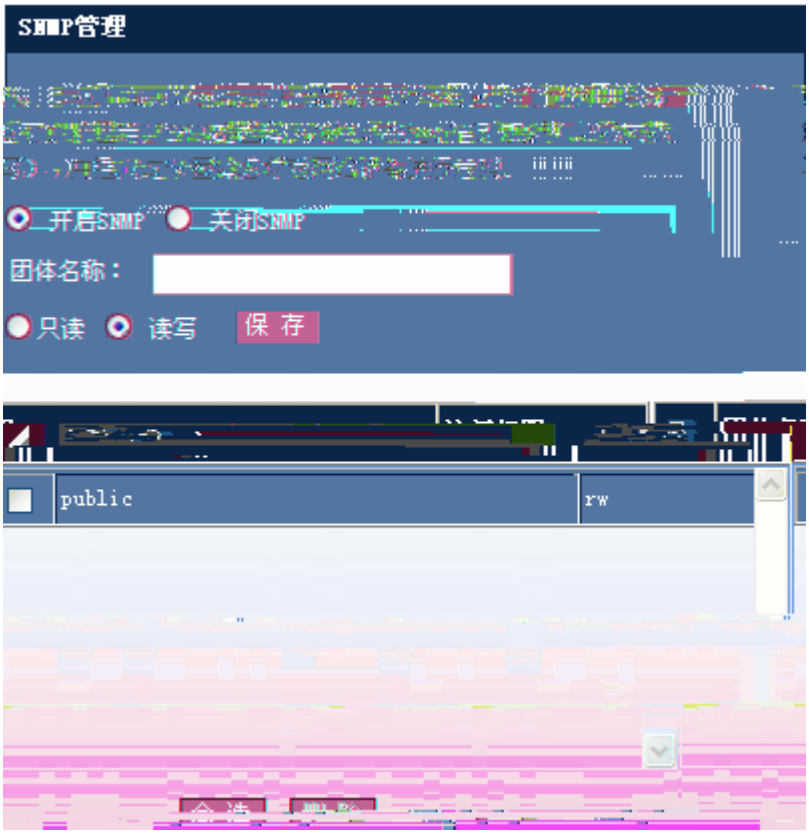
IGMP Snooping



17 IGMP Snooping

Ƶ Ȯ ^ i ᾱ “ ” ϒ ‵ ’

SNMP



19 SNMP

SNMP “ SNMP ”

“ ” SNMP

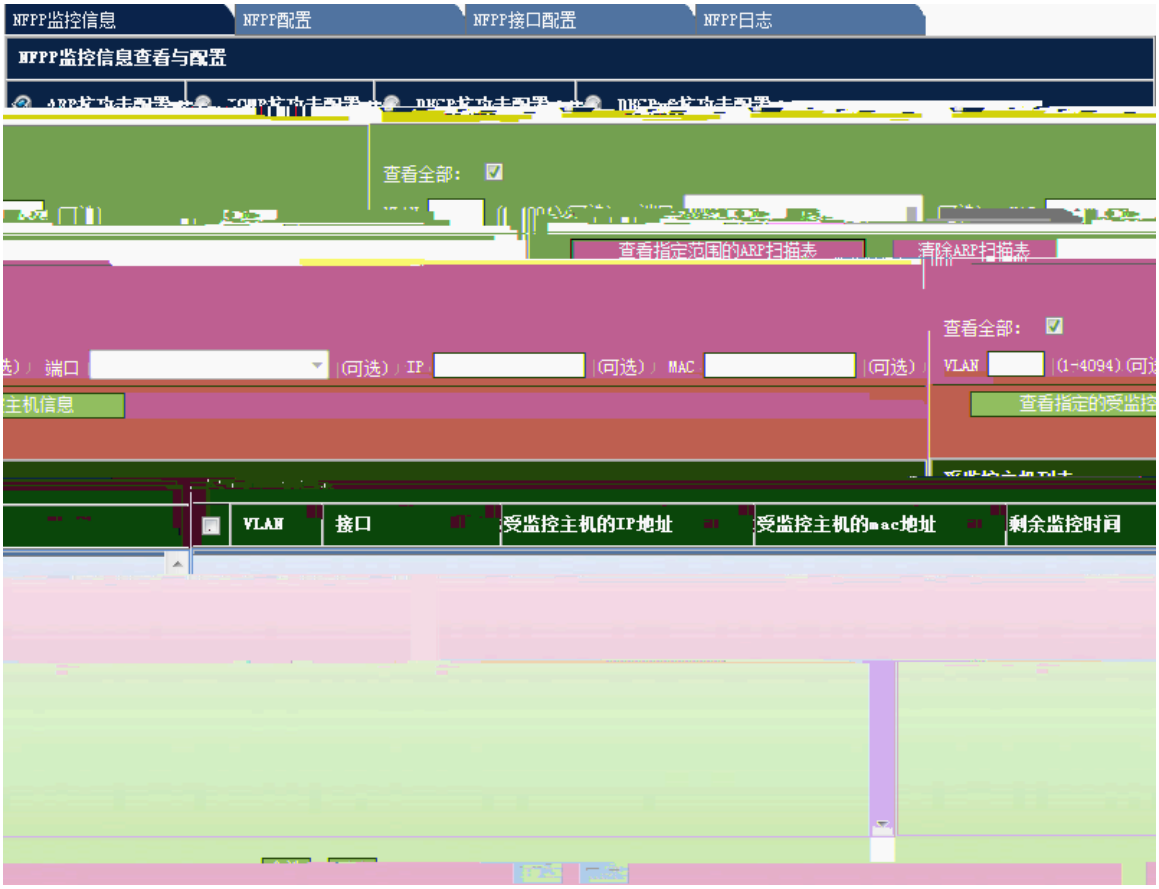
“ SNMP ” “ ”

“ ”

2.2.12 NFPP

“ NFPP ”

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:
查看指定范围的ARP扫描表
清除ARP扫描表
查看全部:
端口
(可选)
IP
(可选)
MAC
(可选)
VLAN
(1-4094)
主机信息
查看指定的受监控
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

23 NFPP —DHCP

DHCP

“ ”

“ ”

- DHCPv6

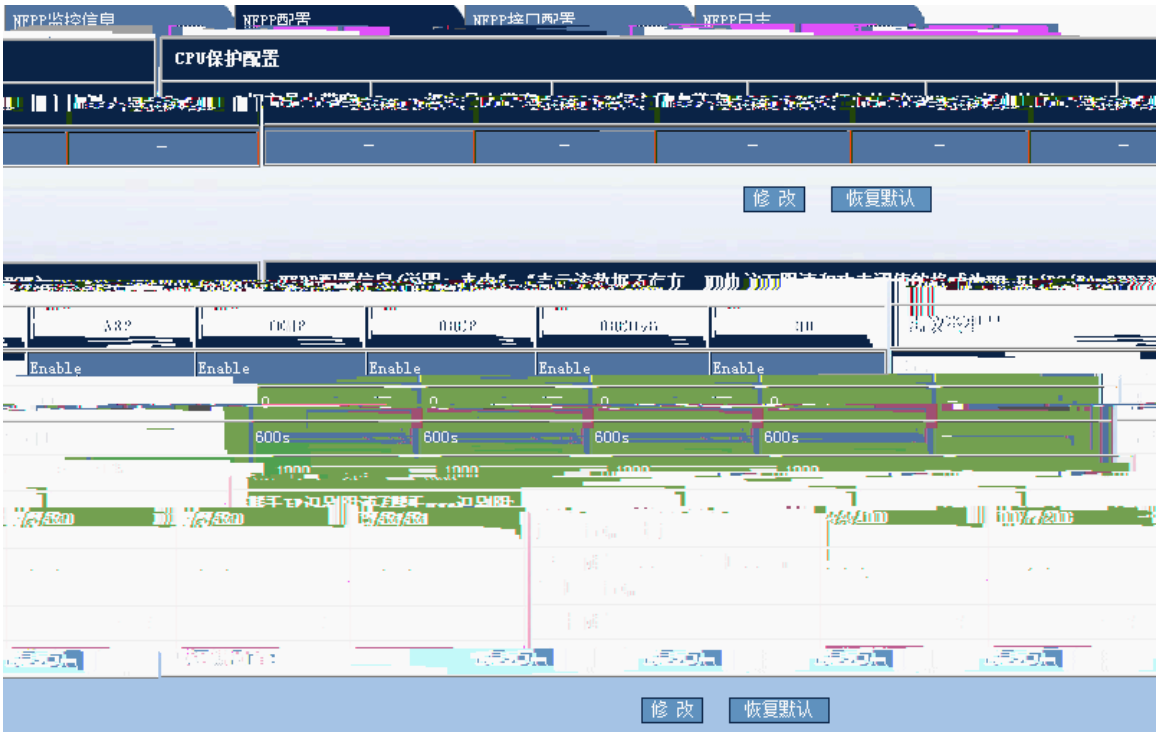
24 NFPP —DHCP

DHCPv6

“ ”

“ ”

2 NFPP



25 NFPP —DHCPv6

CPU

26 CPU

CPU “

” “ ”

- NFPP

27 NFPP

NFPP “ ”

NFPP “ ” NFPP

“ ”

“ ”

3 NFPP

- ARP

28 NFPP —NFPP ARP

ARP NFPP

“ ”

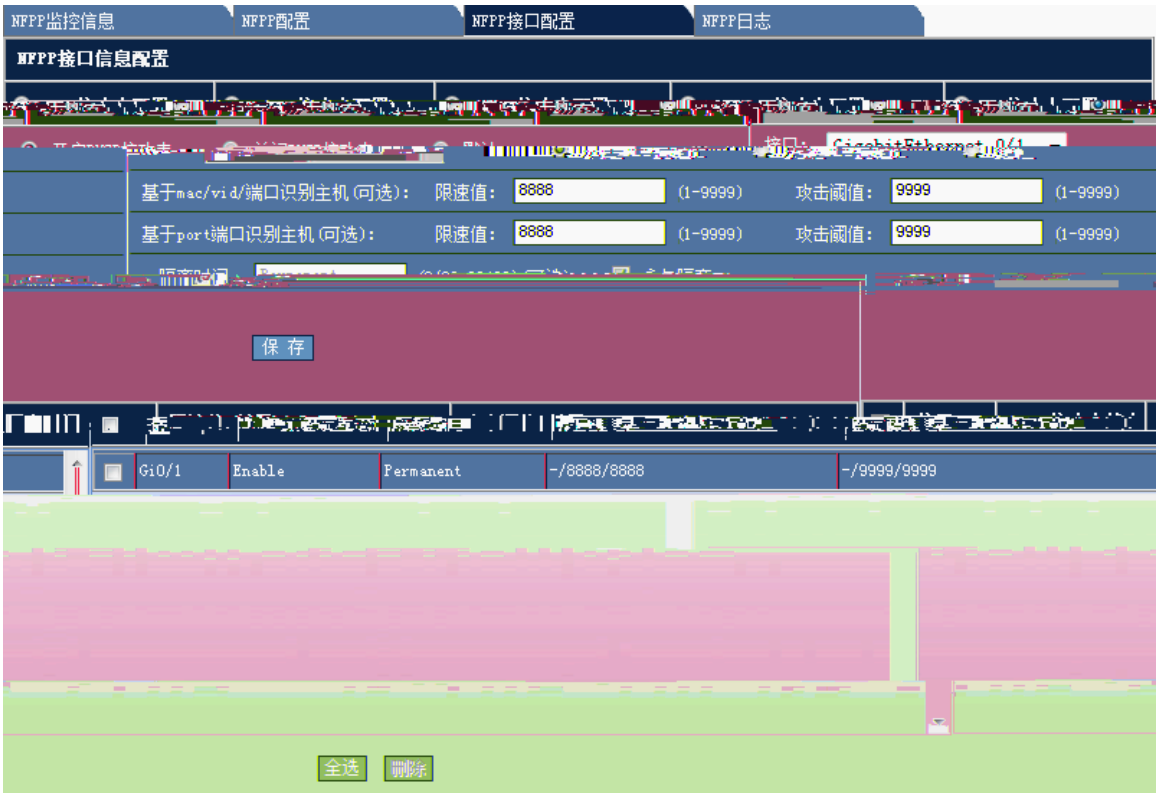
- ICMP

29 NFPP —NFPP ICMP

ICMP NFPP

“ ”

- DHCP



30 NFPP —NFPP DHCP

DHCP NFPP

“ ”

- DHCPv6

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抗攻击配置
ICMP抗攻击配置
DHCP抗攻击配置
DHCPv6抗攻击配置
ND抗攻击配置
限速值：
8888
(1-9999)
攻击阈值：
9999
(1-9999)
NS-NA模式：
保 存
Gi0/1
Enable
8888/1111/3333
9999/2222/5555
全选
删除


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
需要记录日志的VLAN
1-4094
Gi0/1, Gi0/2, Gi0/3,
1000
1024/86400

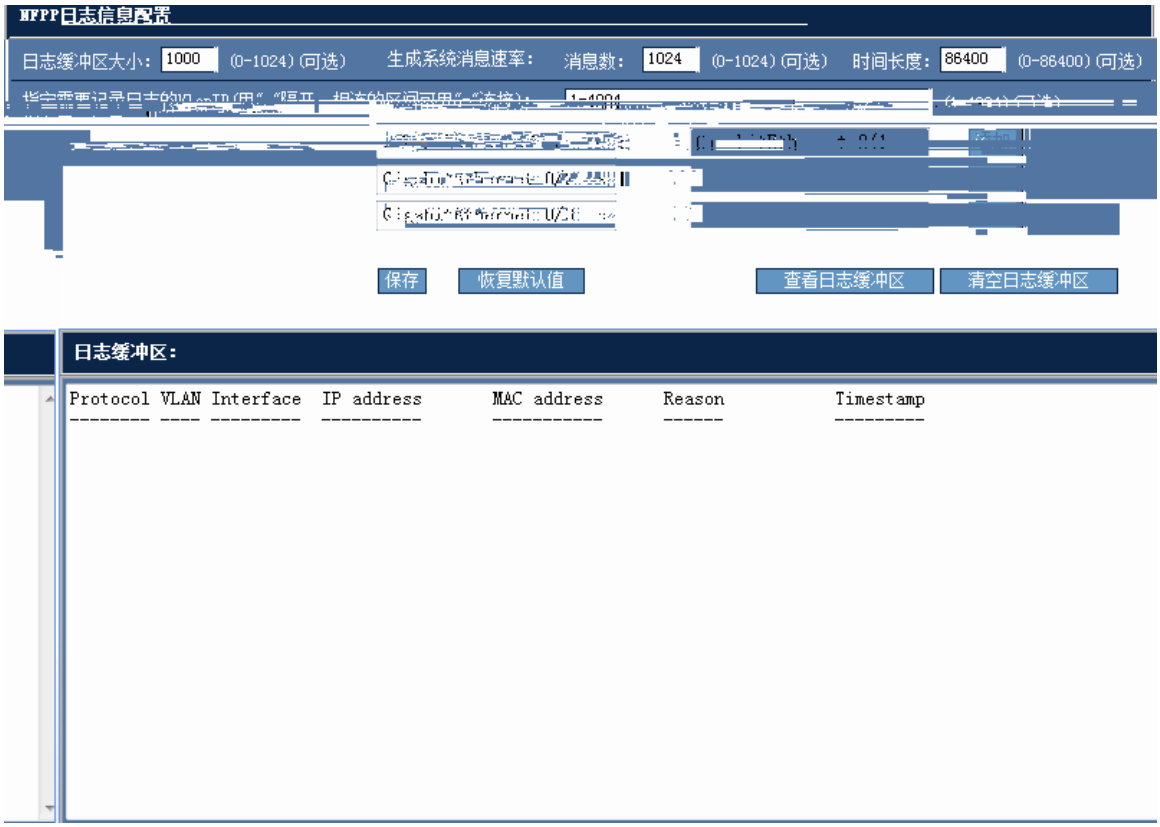
33 NFPP

NFPP

“ ”

“ ”

“ ”



34

2.3

2.3.1 ARP

“ ARP ”

ARP

35 ARP

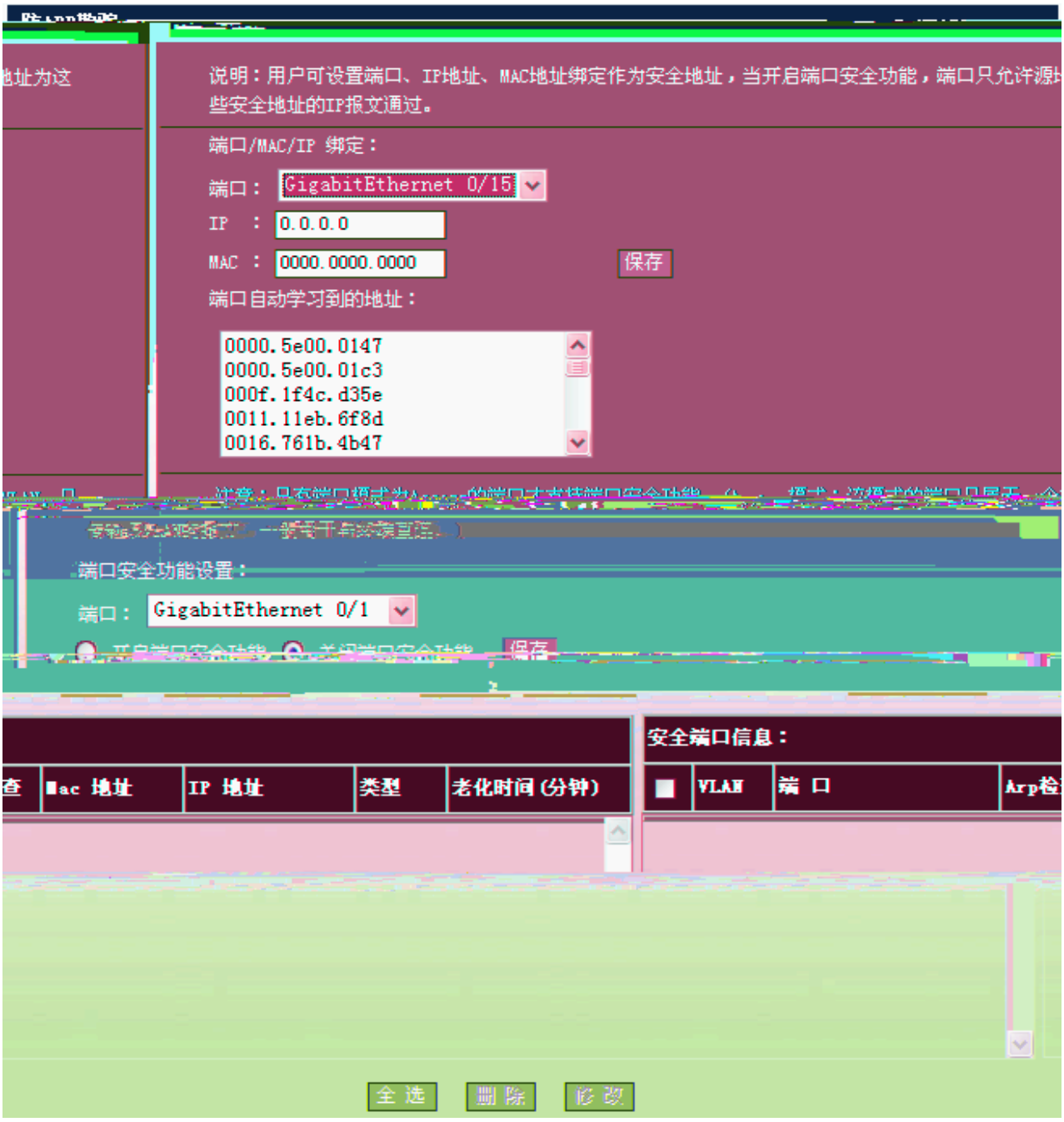
“ ”

“ ”

2.3.2 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 ACL ACE ACE

“ ” ACL “ ”

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

42 ACL

ACL ACL

“ ”

“ ”

PC ACL PC
WEB

2.3.5 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 IP

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

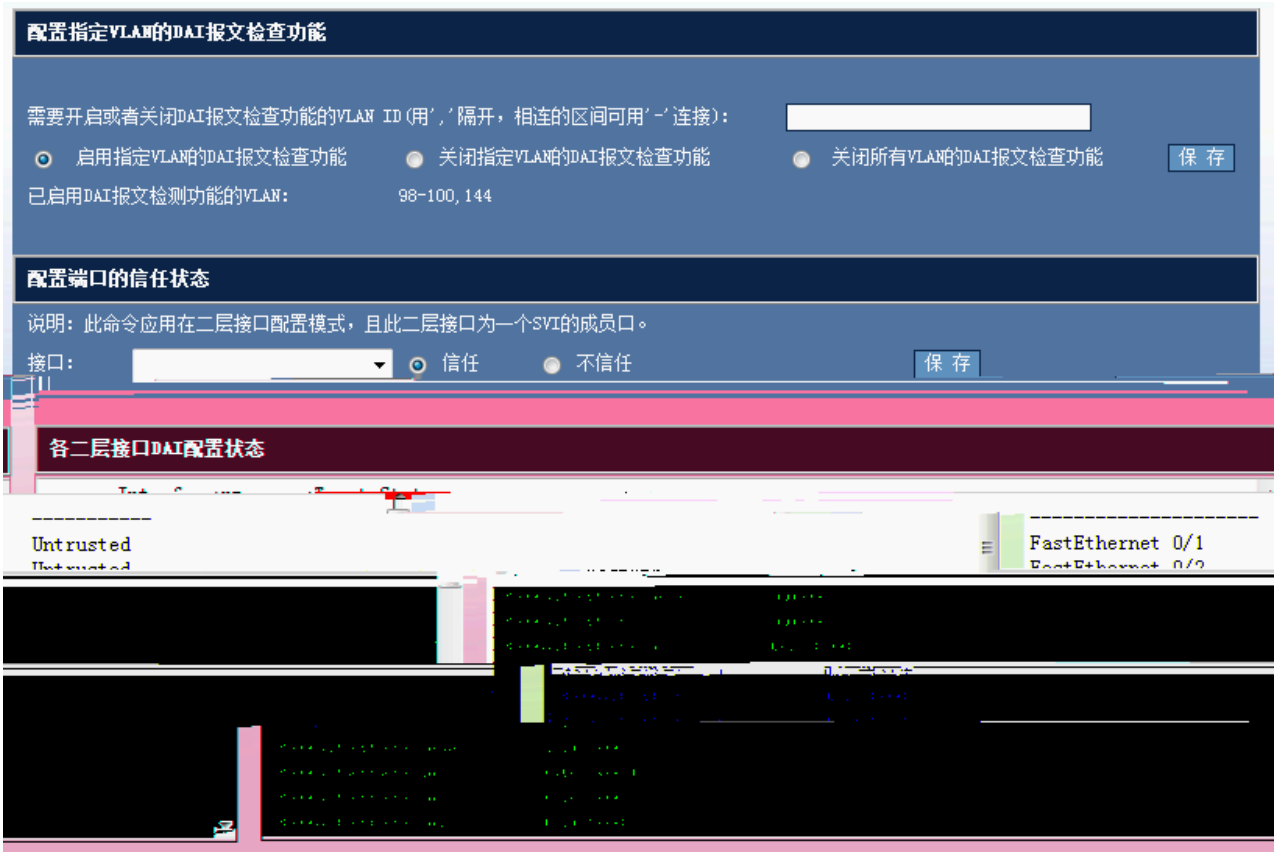
44

2.3.6 DAI

DAI Dynamic ARP Inspection ARP ARP
arp

“ DAI ”

DAI



45 DAI

1 VLAN DAI

VLAN DAI

VLAN 100 DAI vlan-id 100 ARP DAI

“ DAI VLAN ID ” VLAN

VLAN DAI

VLAN DAI

DAI VLAN

2

ARP

DAI ARP ARP

DAI

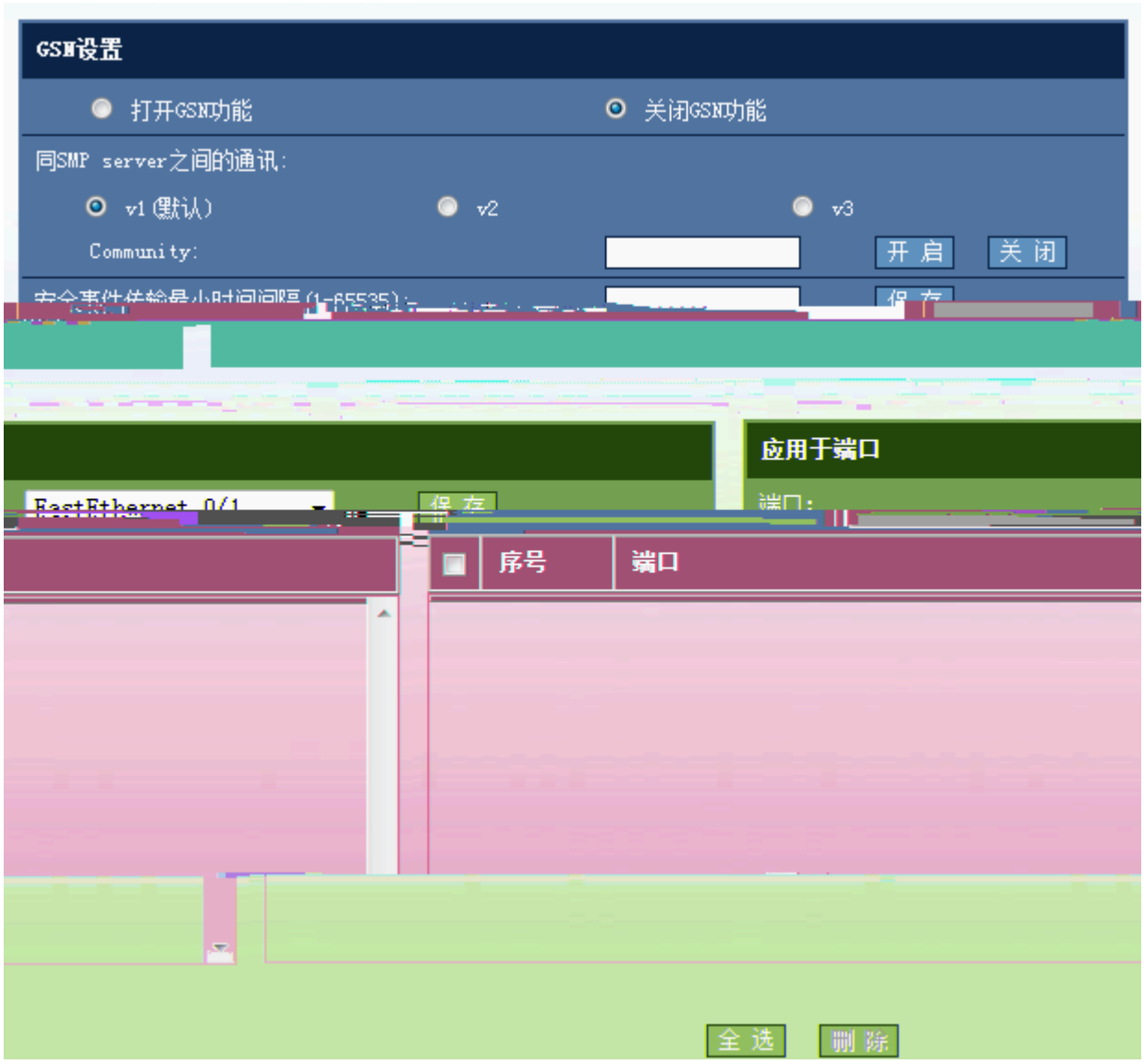
“ ” “ ”

“ DAI ”

2.3.7 GSN

“ GSN ”

GSN



46 GSN

1) GSN

GSN GSN GSN GSN

2) SMP server

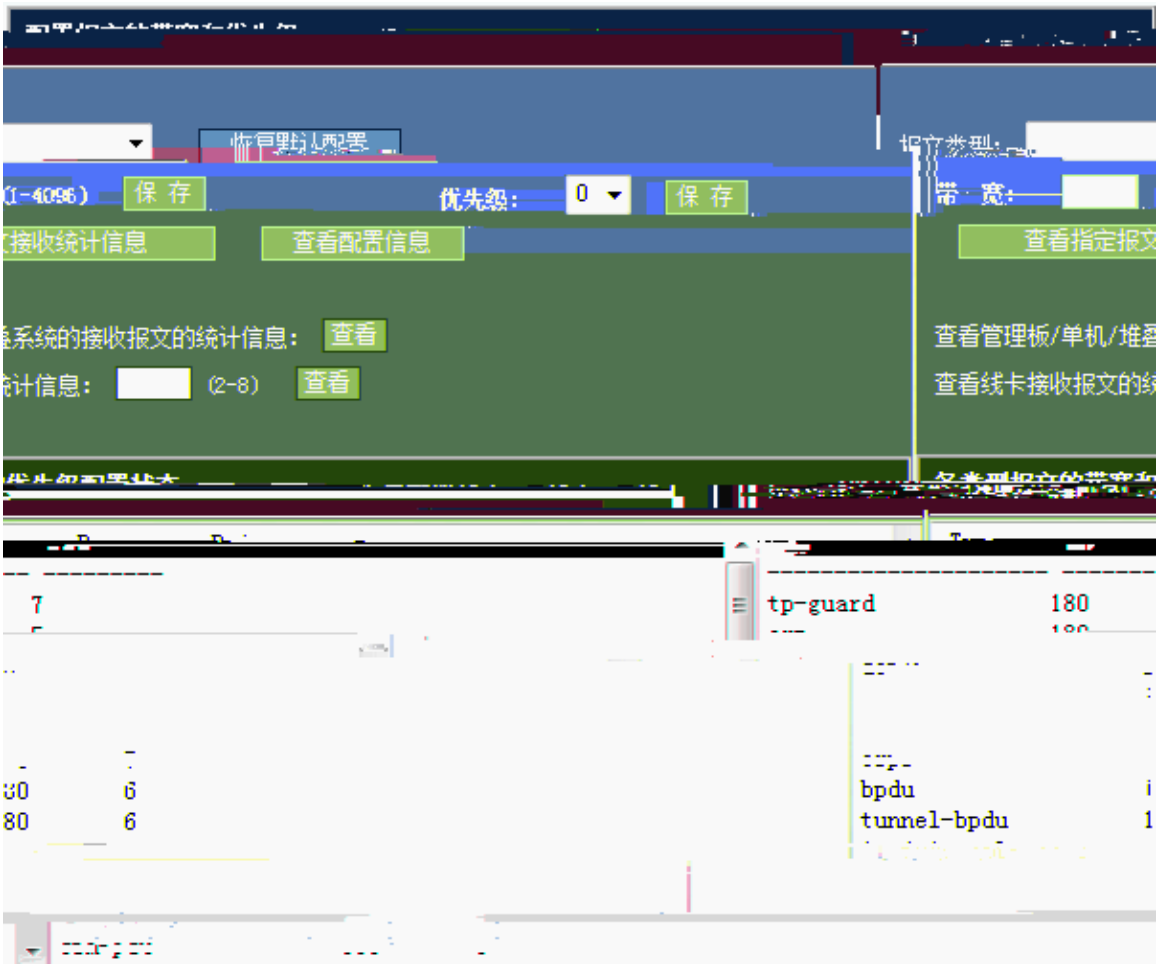
SMP server v1 v2 v3 Community User

3)

GSN GSN

2.3.8 CPP

“ CPP ”



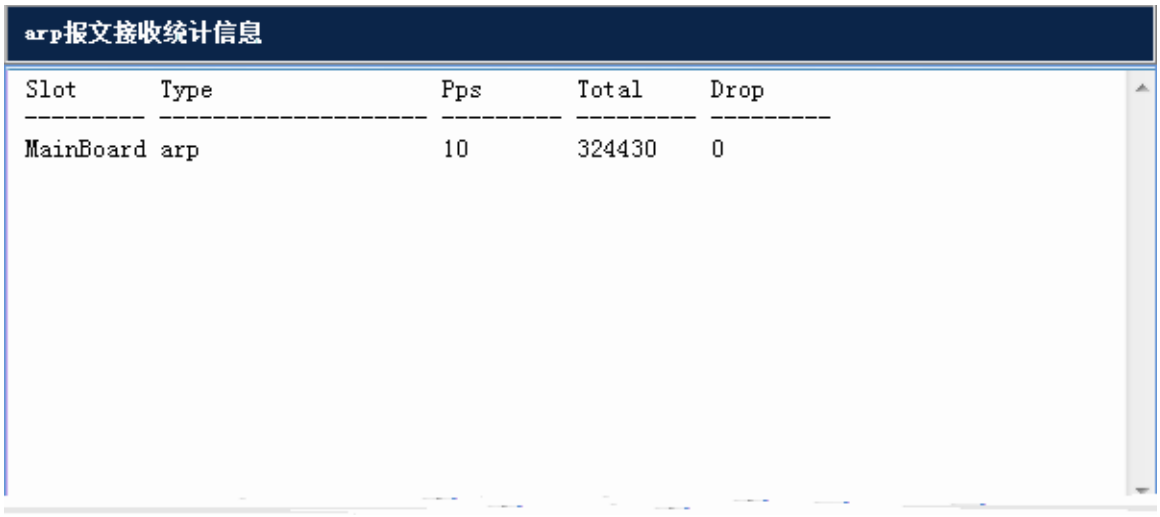
47 CPP

“ ”

“ ”

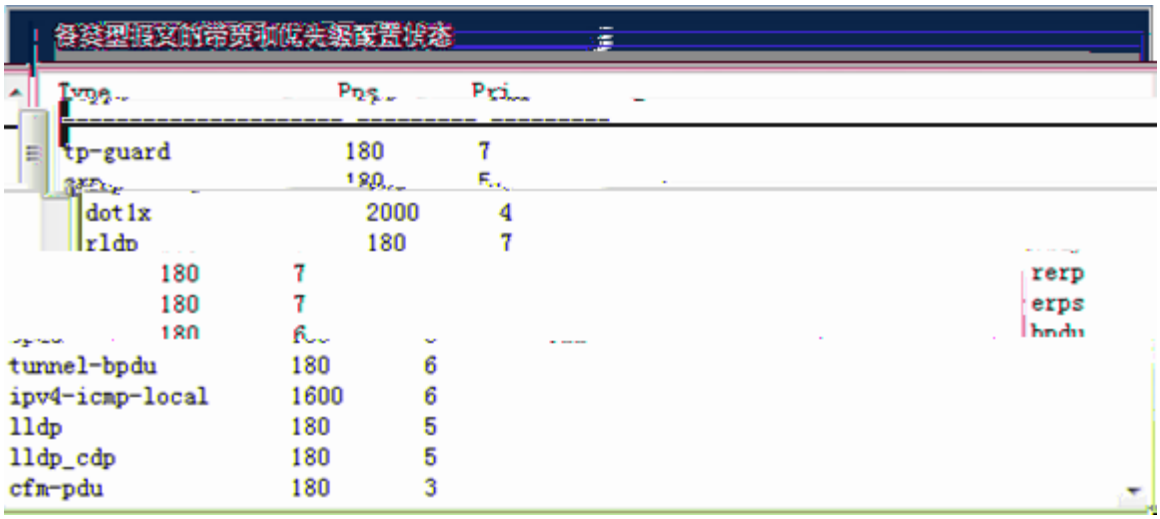
“ ”

“ ”


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

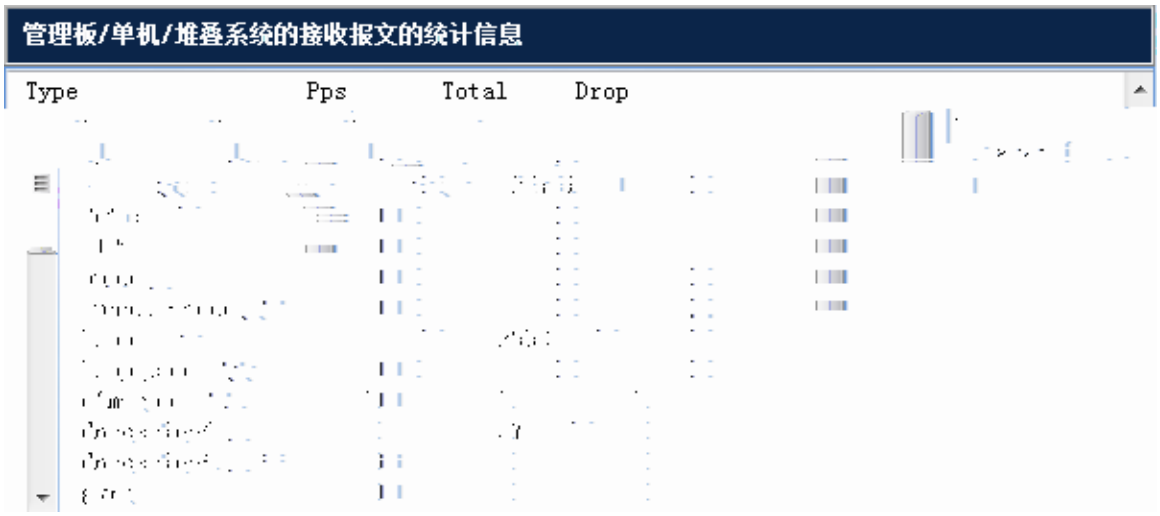
48

“ ”

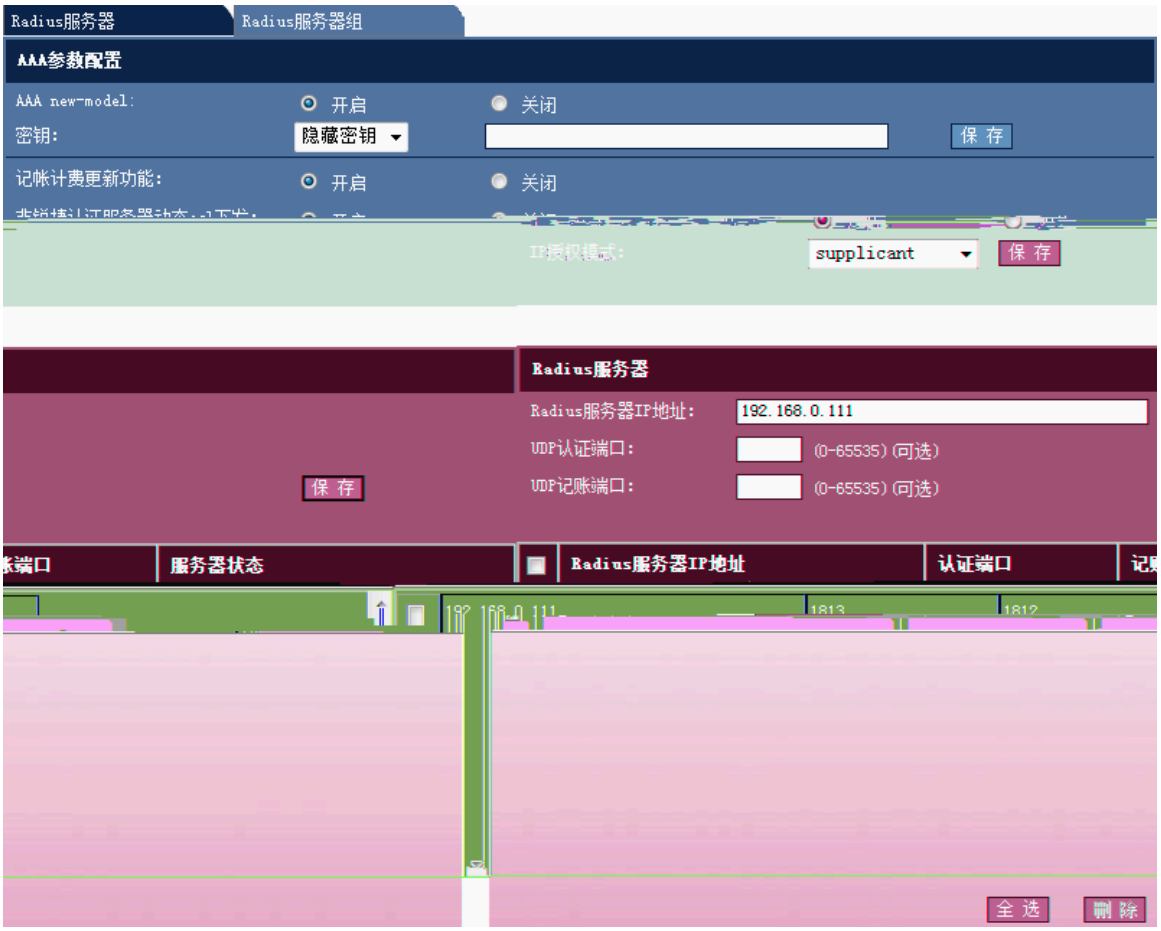

tp-guard 180 7
dot1x 2000 4
rldp 180 7
180 7
180 7
tunnel-bpdu 180 6
ipv4-icmp-local 1600 6
lldp 180 5
lldp_cdp 180 5
cfm-pdu 180 3

49

/ / “ ” / /



50 / /



51 RADIUS

AAA AAA RADIUS

AAA new-model “ ” AAA

“ ”

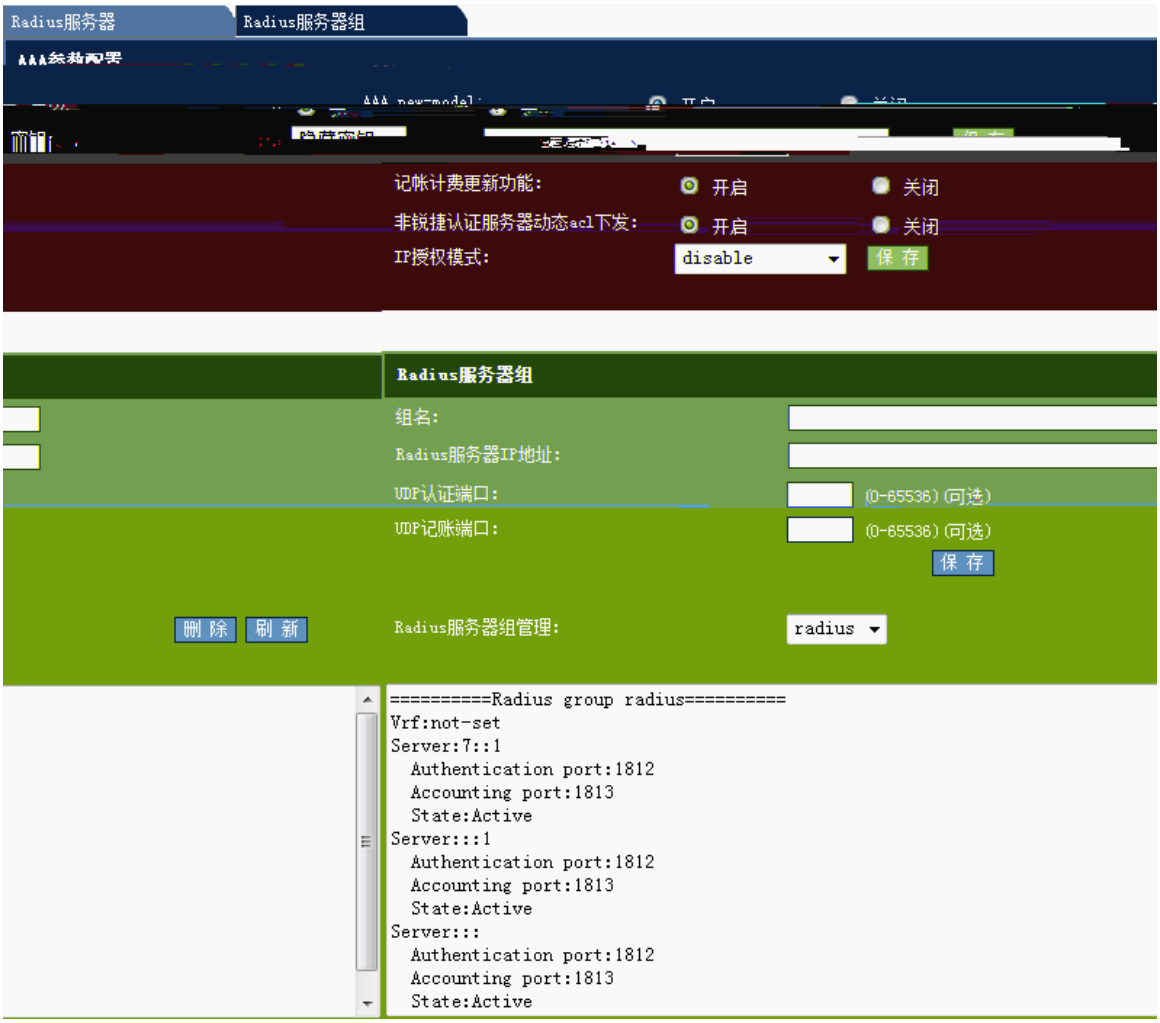
IP IP “

”

RADIUS IP

“ ”

2 RADIUS



52 RADIUS

RADIUS IP

“ ” l = ₦

53 AAA

1 AAA

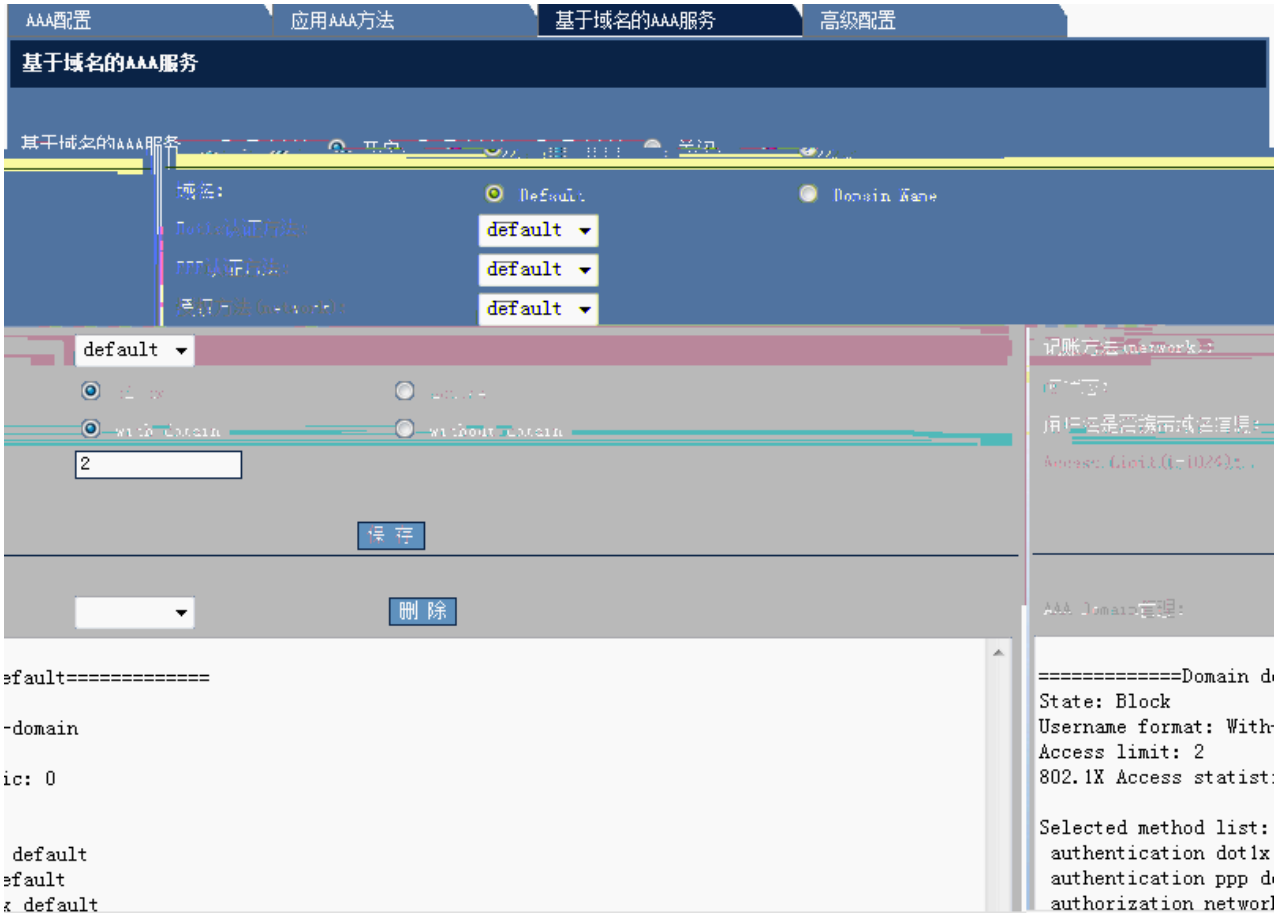
AAA authentication authorization accounting AAA login enable ppp dot1x exec command network List Name local group

2 AAA

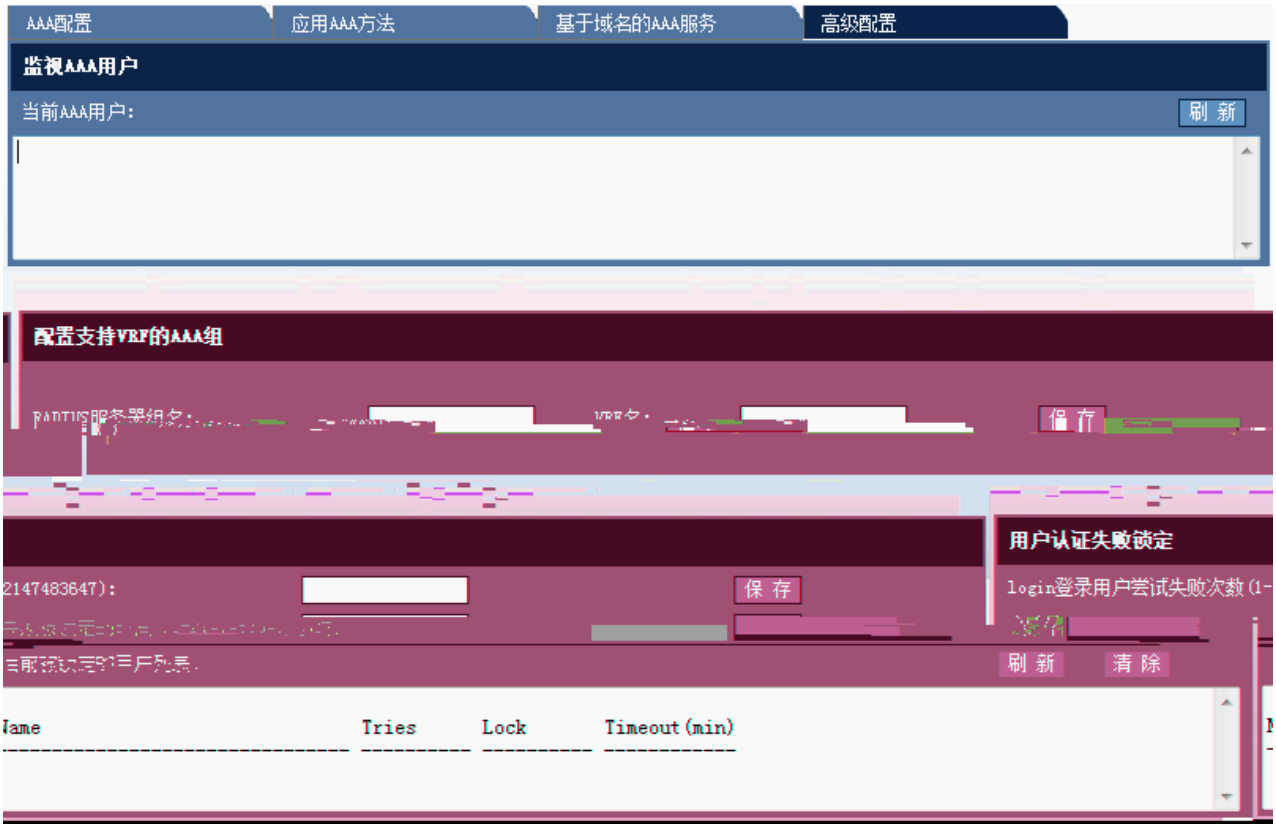
54 AAA

AAA AAA

3 AAA



55 AAA



56 AAA

AAA AAA VRF AAA

2.3.11 Dot1x

“ Dot1x ”

1 Dot1x

57 Dot1x

Dot1x “ ”

“ ”

“ ”

2


Dot1x配置
主动认证配置
端口认证配置
主动认证功能： 开启 关闭
主动发送认证报文的次数： 1000000 (0-1000000) (可选)
主动发送报文的间隔时间： 3600 (10-3600) (可选)
用户认证通过后停止发送认证请求： 开启 关闭
保 存
恢复默认配置
查看当前配置

58

“ ”

“ ” “

”

3


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

59

Dot1x

“ ”

“ ” “

”

60 2

“ ”

802.1x

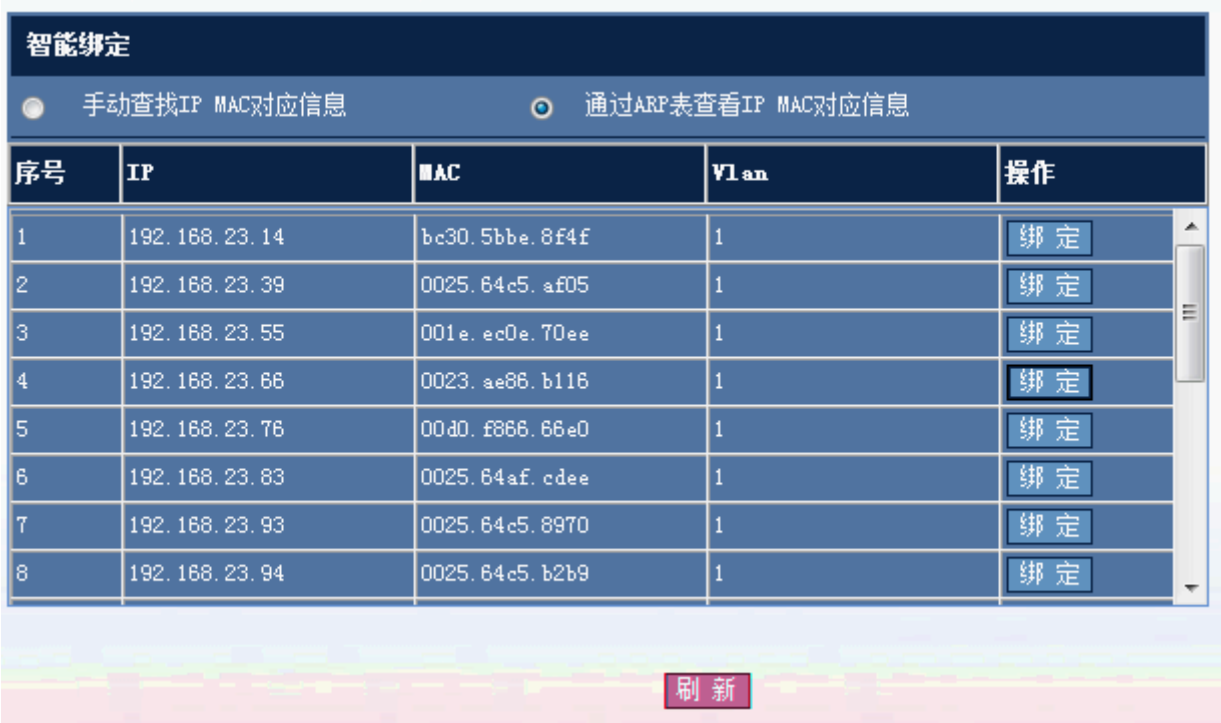
ḱ

61

IP MAC

1 IP MAC MAC

2 ARP IP MAC

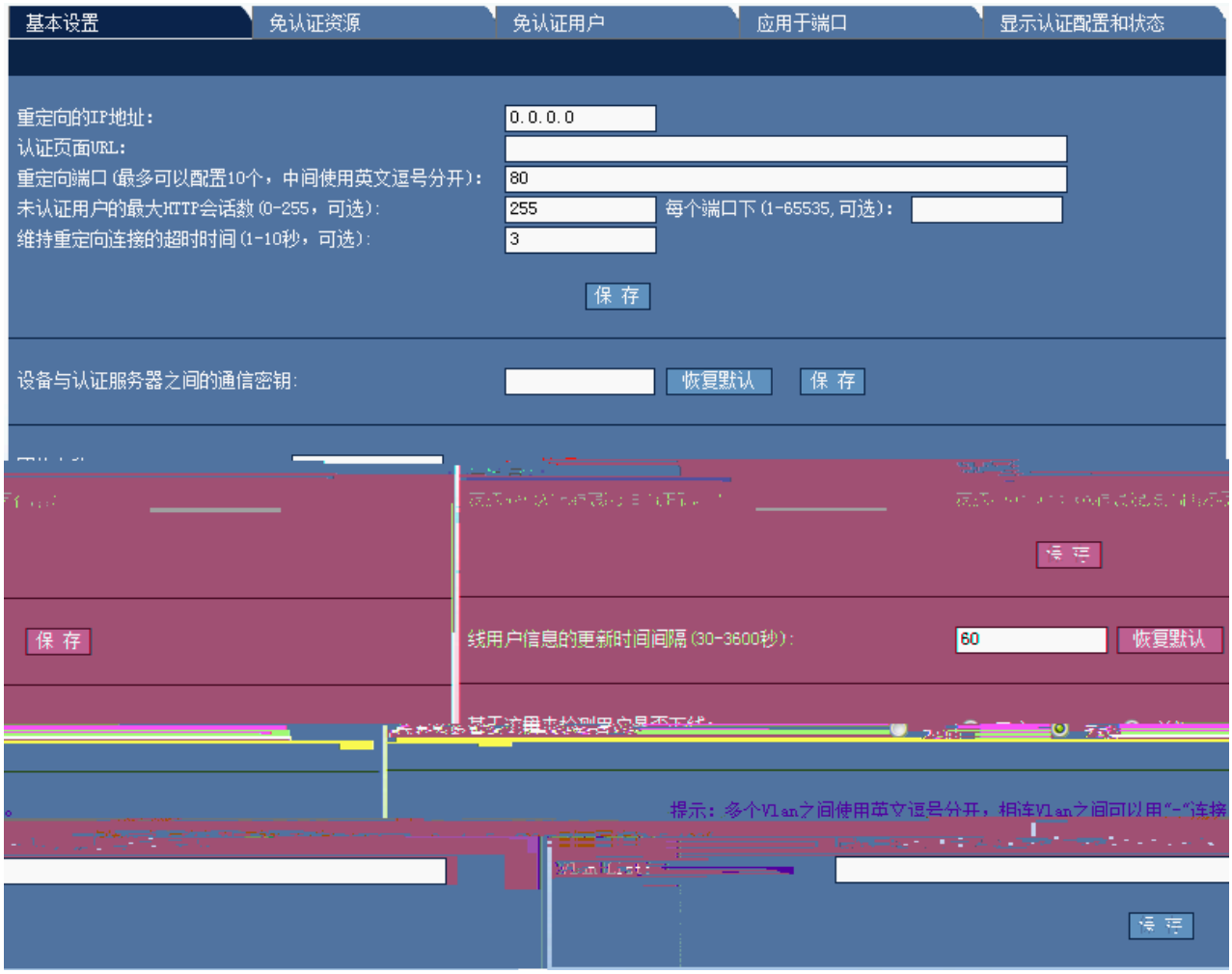


62 ARP

2.3.13 WEB

“ web ”

web



63 web

1) web

web IP URL

HTTP (0-255)

, , Web IP,SNMP-Inform

, , ,Vlan List

80

2)


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

64

IP

3)


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

65

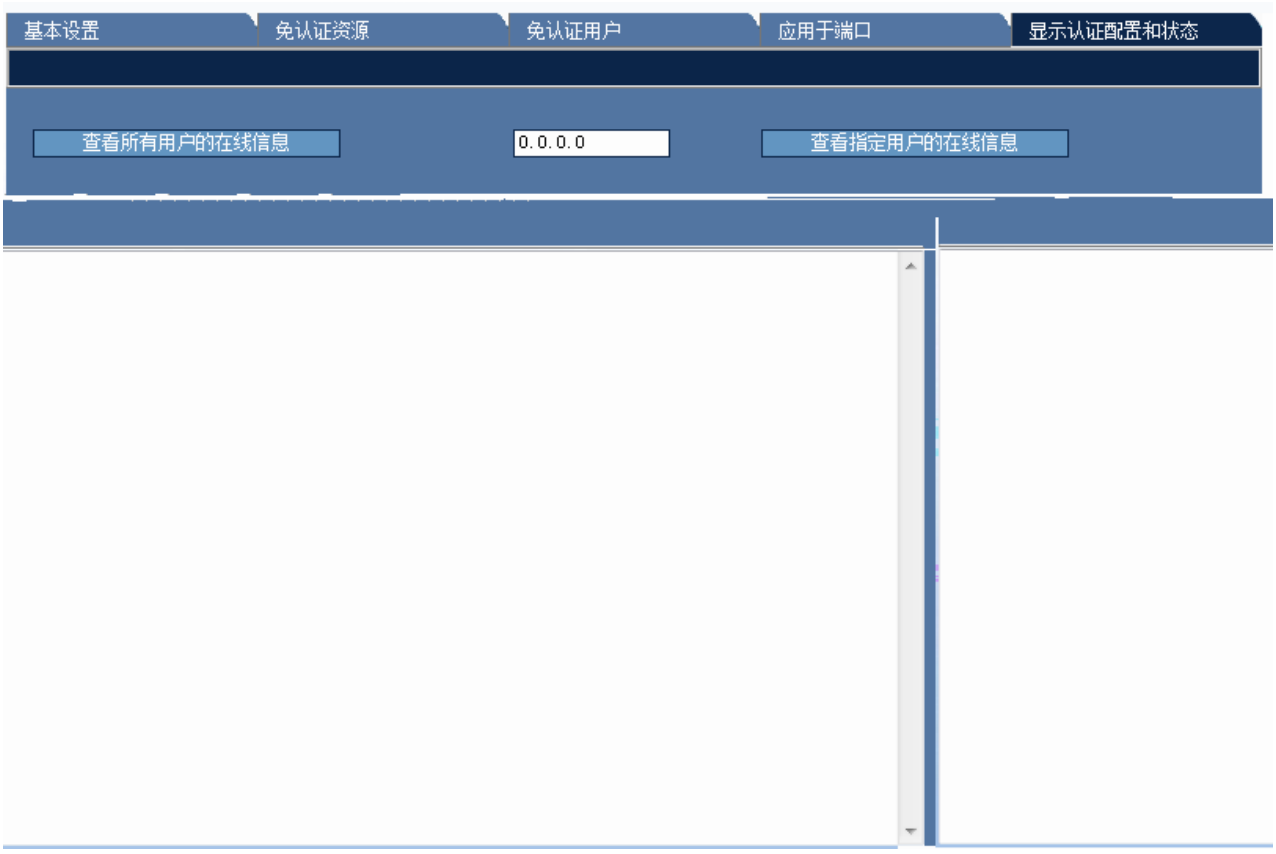
IP

4)


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

66

5)


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

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

“ ”

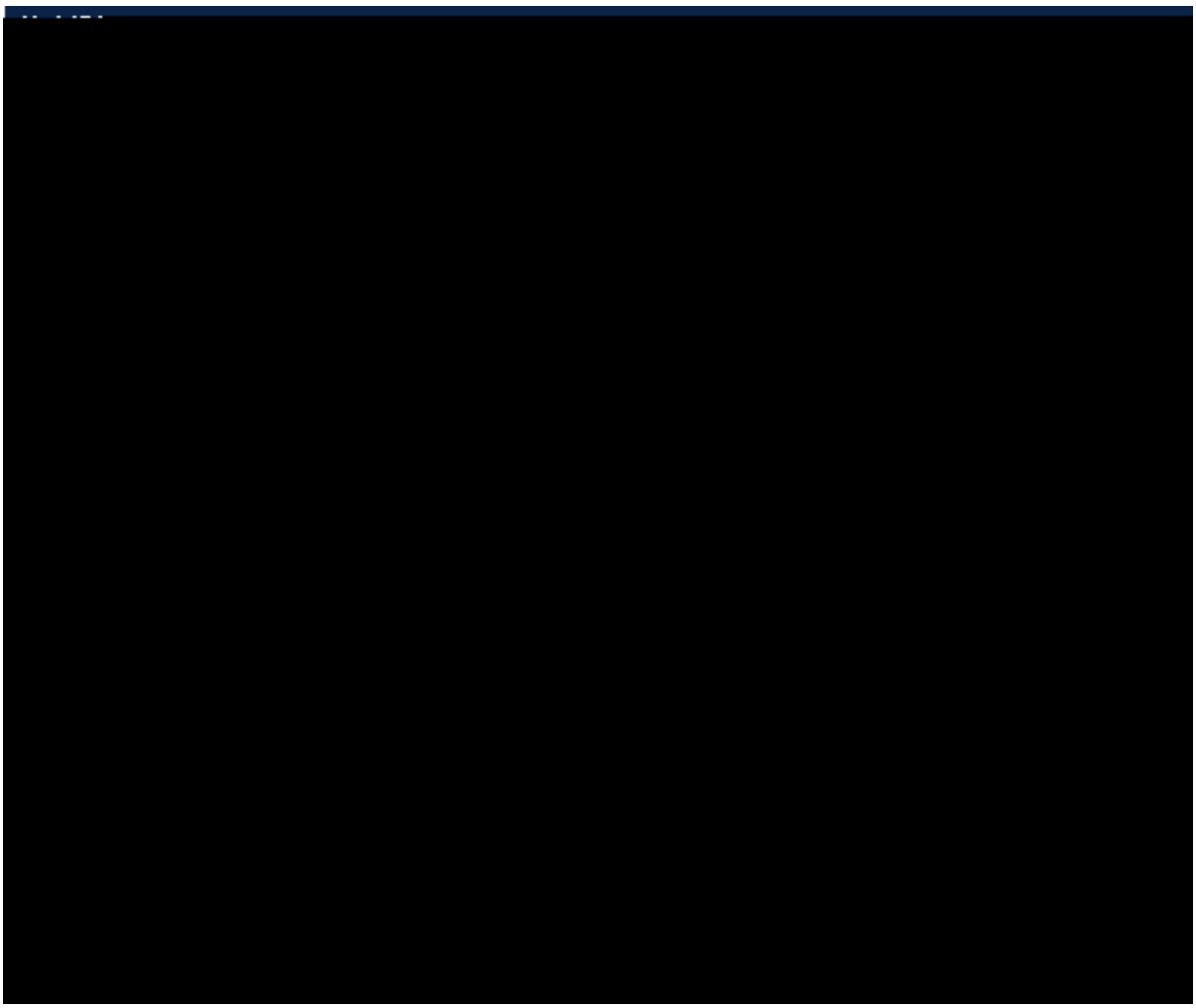
69

ACL “ ”

“ ”

2.4.2

“ ”



70

“ ”

“ ”

2.4.3

“ ”

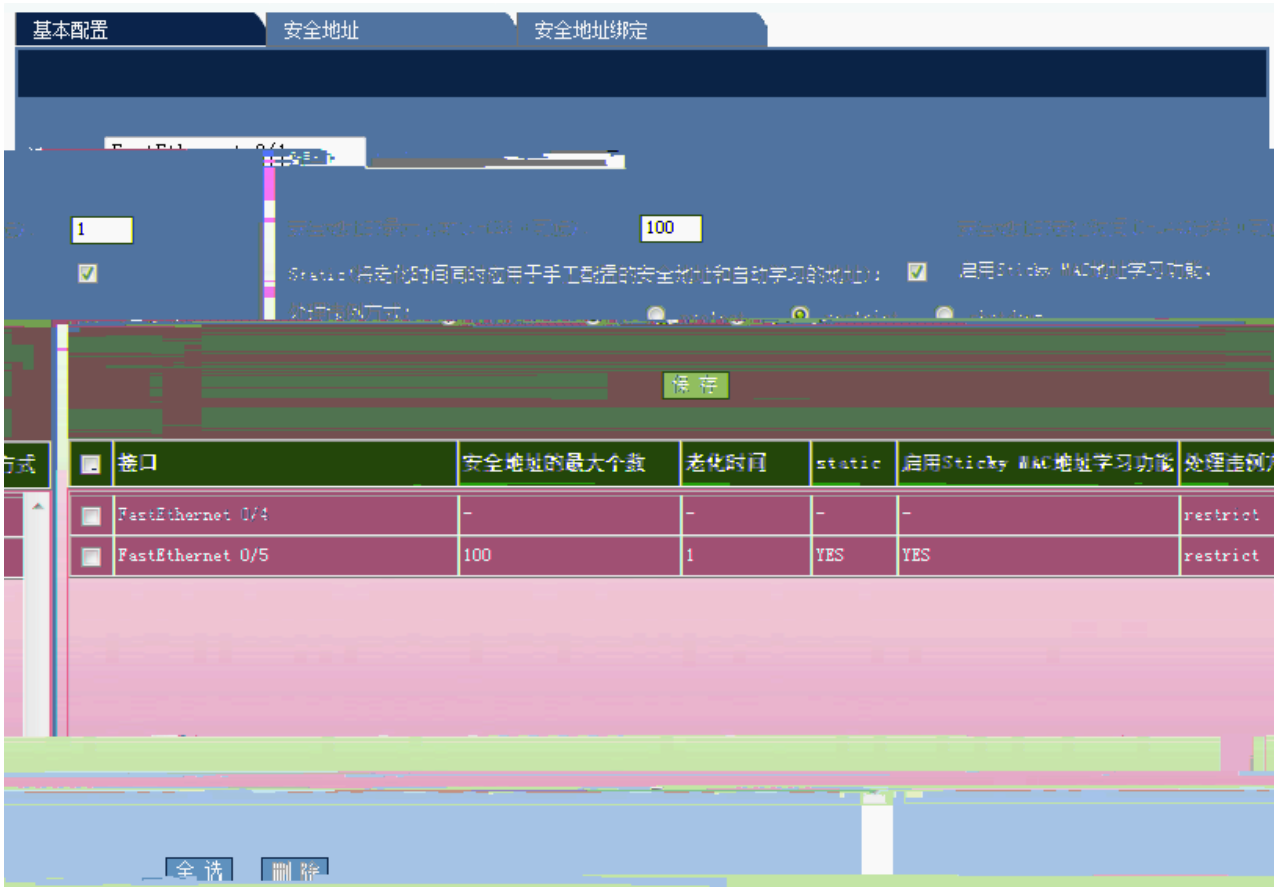

流设置
说明：应用策略设置对端口的输入或输出流进行限制。
端 口：
FastEthernet 0/1
策略列表：
（策略设置）
限速方向：
输入限速
输出限速
保存
端口
方向
策略名
信任模式
COS
FastEthernet 0/1
FastEthernet 0/2
FastEthernet 0/3
FastEthernet 0/4
FastEthernet 0/5
FastEthernet 0/6
FastEthernet 0/7
FastEthernet 0/8
FastEthernet 0/9
FastEthernet 0/10
FastEthernet 0/11
全选
删除

71

“ ”

“ ”

2.4.4



73

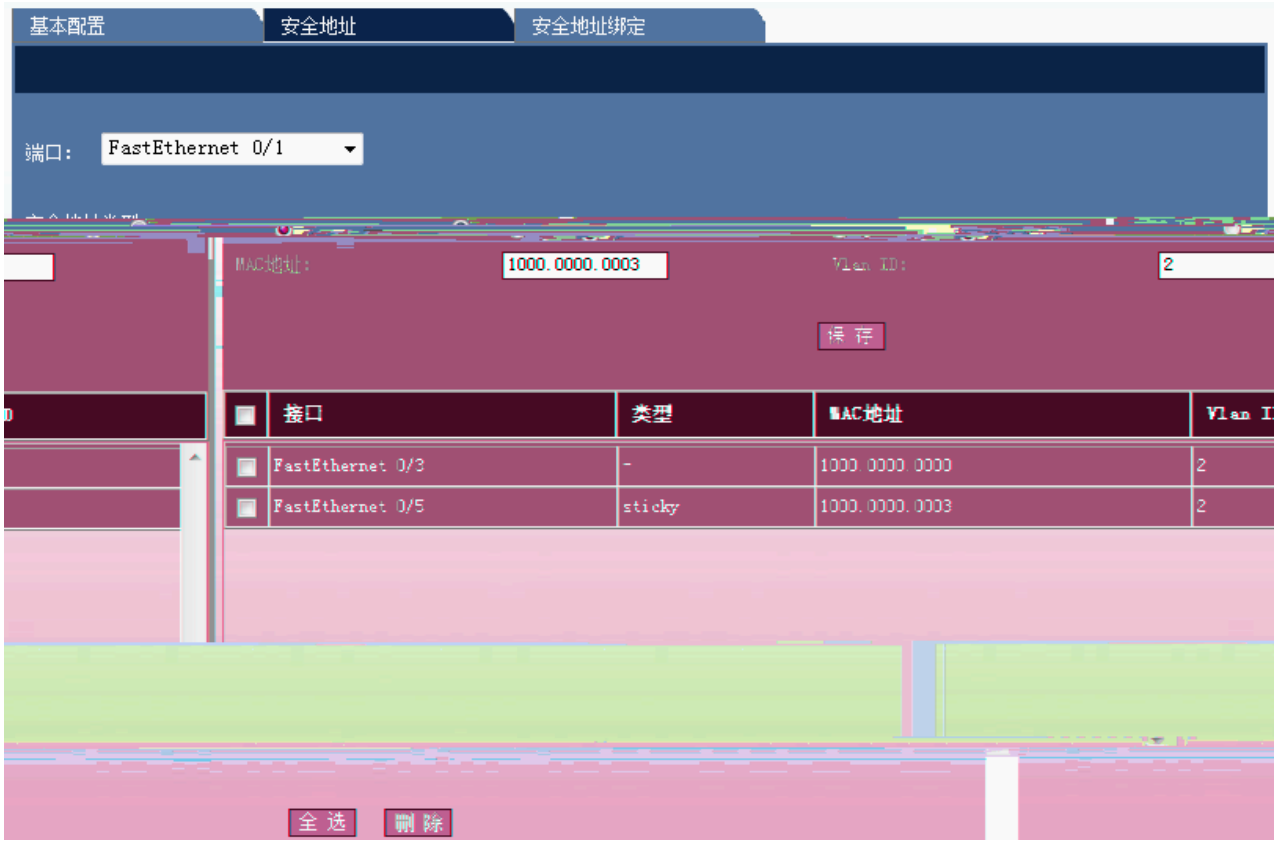
1)

Static

Sticky Mac

“ ”

2)



74

Mac VLAN ID

3)

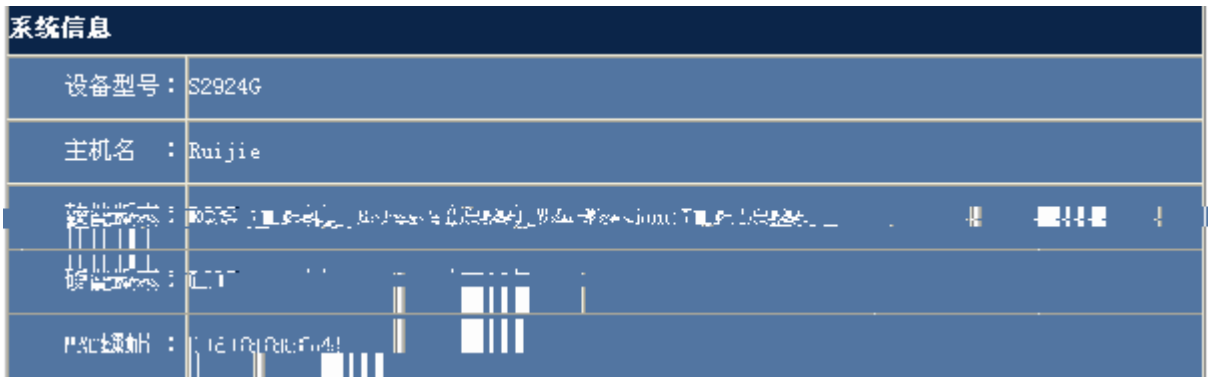
75

IP MAC Vlan
Mac VLAN ID

2.5

2.5.1

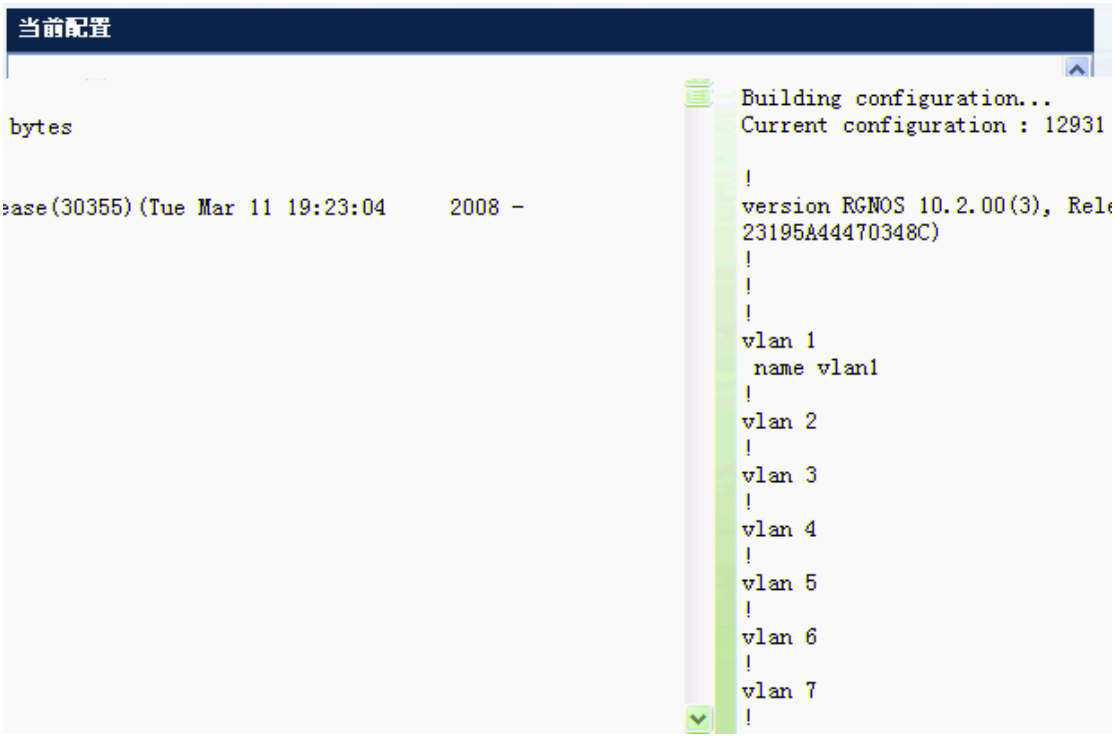
“ ”


系统信息
设备型号：S2924G
主机名 ：Ruijie

76

2.5.2

“ ”


当前配置
bytes
ease(30355)(Tue Mar 11 19:23:04 2008 -
Building configuration...
Current configuration : 12931
!
version RGNOS 10.2.00(3), Rele
23195A444470348C)
!
!
!
vlan 1
name vlan1
!
vlan 2
!
vlan 3
!
vlan 4
!
vlan 5
!
vlan 6
!
vlan 7
!

77

2.5.3

“ ”

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

78

2.5.4

“ ”

端口运行状态

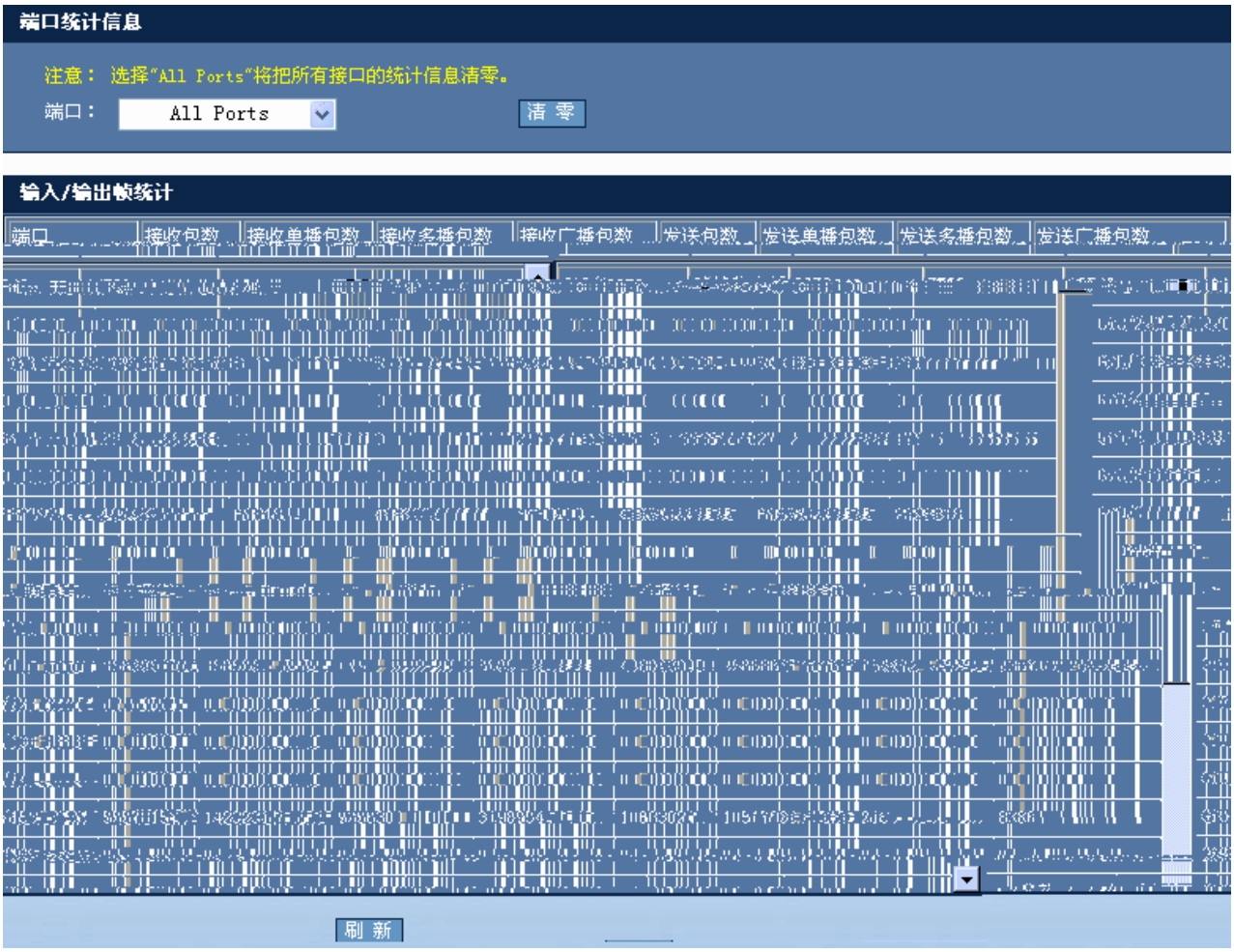
端 口	带宽占用
FastEthernet 0/1	0%
FastEthernet 0/2	0%
FastEthernet 0/3	0%
FastEthernet 0/4	0%
FastEthernet 0/5	0%
FastEthernet 0/6	0%
FastEthernet 0/7	0%
FastEthernet 0/8	0%
FastEthernet 0/9	0%
FastEthernet 0/10	0%

刷新

79

2.5.5

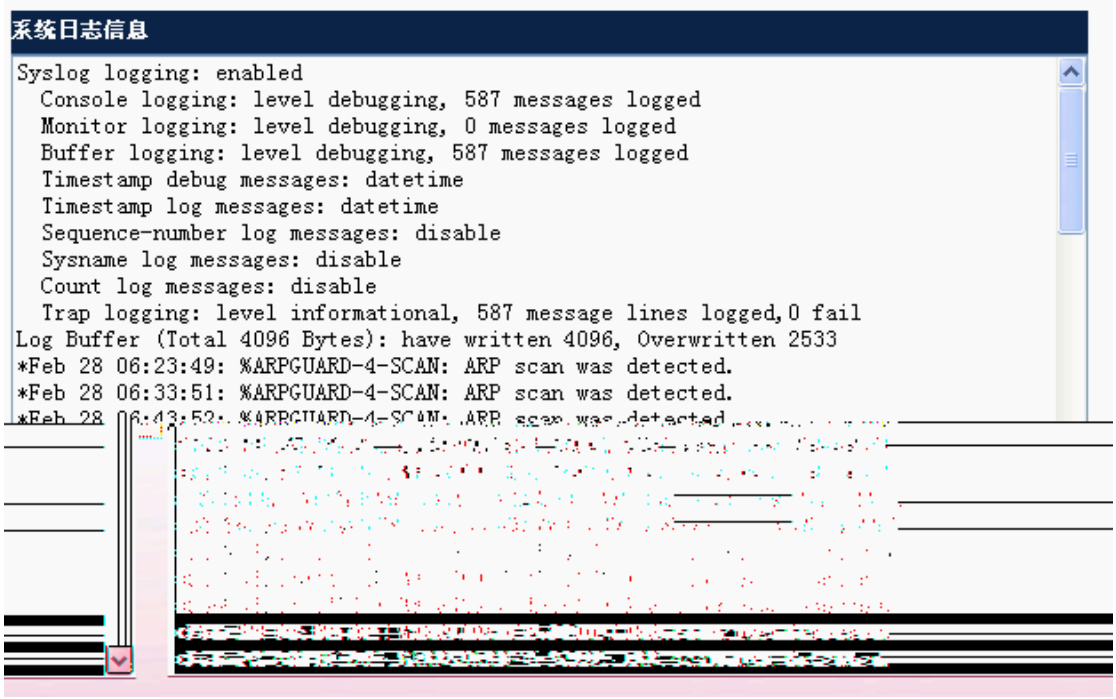
“ ”


端口统计信息
注意： 选择"All Ports"将把所有接口的统计信息清零。
端口：
All Ports
清 零
输入/输出帧统计
端口
接收包数
接收单播包数
接收多播包数
接收广播包数
发送包数
发送单播包数
发送多播包数
发送广播包数
刷 新

80

2.5.6

“ ”


系统日志信息
Syslog logging: enabled
Console logging: level debugging, 587 messages logged
Monitor logging: level debugging, 0 messages logged
Buffer logging: level debugging, 587 messages logged
Timestamp debug messages: datetime
Timestamp log messages: datetime
Sequence-number log messages: disable
Sysname log messages: disable
Count log messages: disable
Trap logging: level informational, 587 message lines logged,0 fail
Log Buffer (Total 4096 Bytes): have written 4096, Overwritten 2533
*Feb 28 06:23:49: %ARPGUARD-4-SCAN: ARP scan was detected.
*Feb 28 06:33:51: %ARPGUARD-4-SCAN: ARP scan was detected.

81

IP “ ” IP Ping

2.6.2 Telnet

Te


用户管理
序号
用户名
1
admin
添加用户
全 选
删 除
修 改

84

“ ”

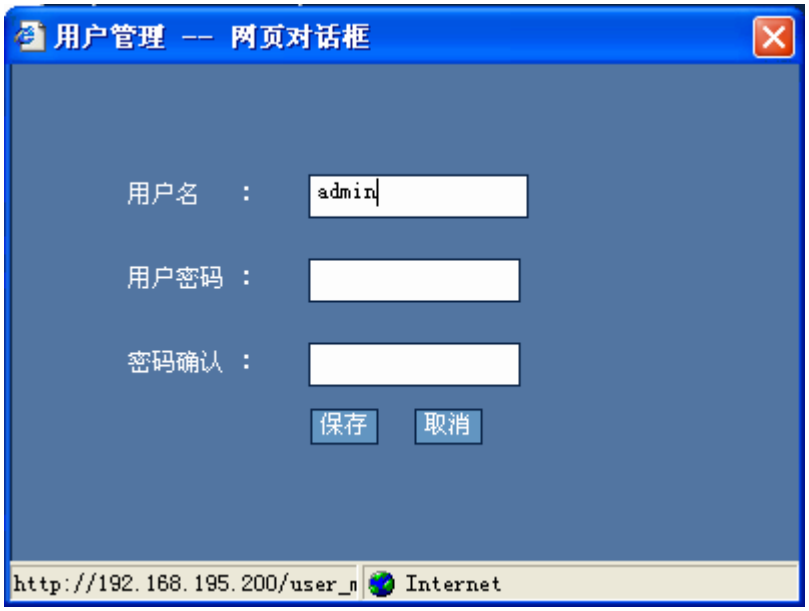

用户管理 -- 网页对话框
用户名 ：
用户密码 ：
密码确认 ：
保存
取消
http://192.168.195.200/user_m
Internet

85

“ ”

“ ”

“ ”


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

86

“ ”

2.6.5 /

“ / ”

/

89 /

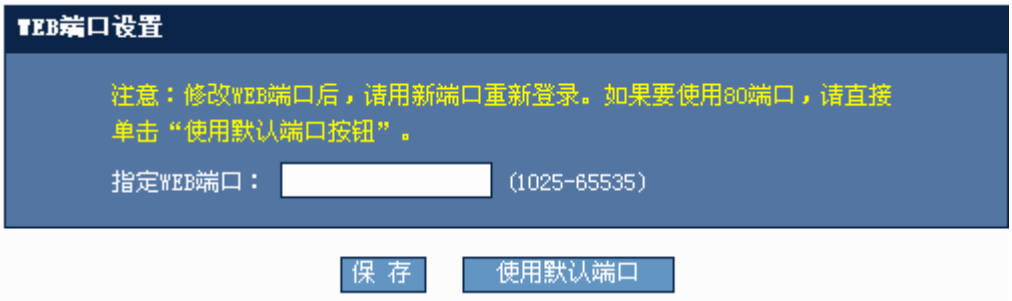
config.text TFTP IP TFTP

“ ”

2.6.6 WEB

“ WEB ”

WEB



90 WEB

“ ”

8080 IP 192.168.1.1

http://192.168.1.1:8080 “ ”

http://192.168.1.1

2.6.7

“ ”

91

TFTP TFTP

TFTP IP “ ”

2.6.8

“ ”

“ ”

2.7

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
```