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RGOS 10.4 (3b16)p2

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http://webchat.ruijie.com.cn Â

http://www.ruijie.com.cn/service.aspx Â

7 × 24 ㄴ 4008-111-000

http://support.ruijie.com.cn

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-WEB

WEB

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

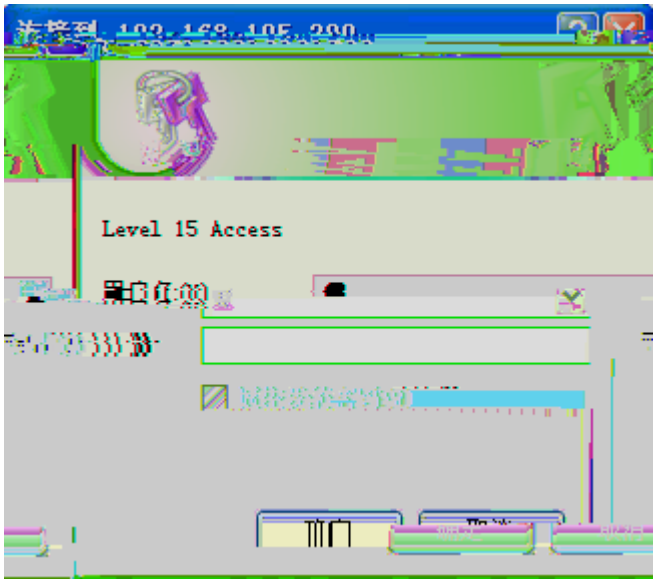
WEB WEB “ WEB ”

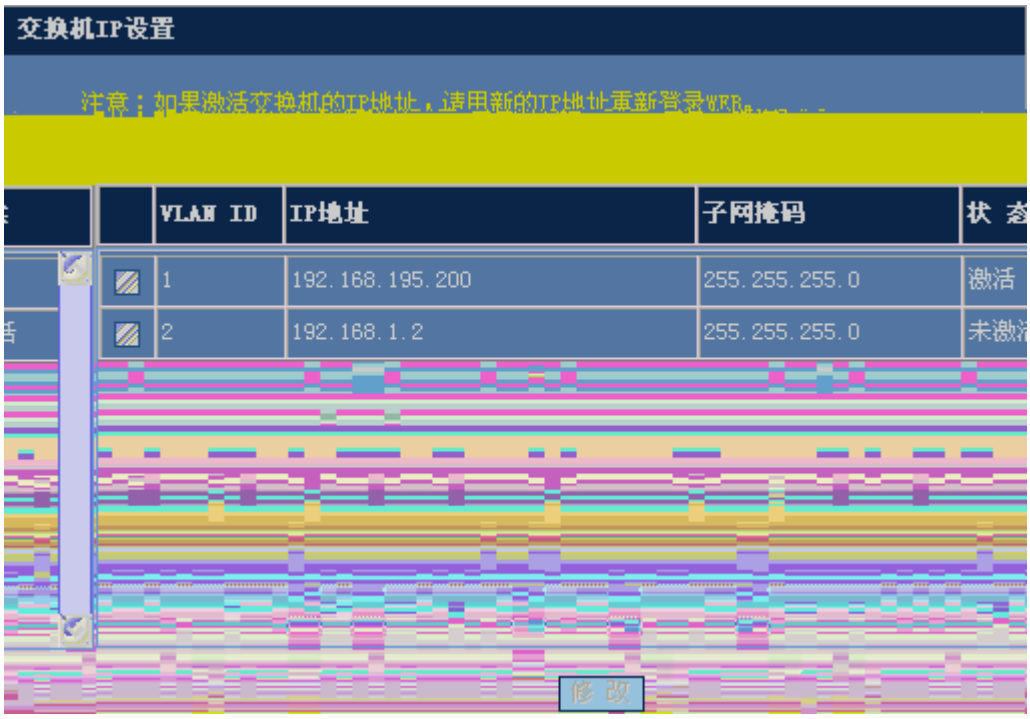
WEB	Enable Enable

1.4 WEB

IP IP WEB

IP


Level 15 Access



ip “ ”

1-5 IP

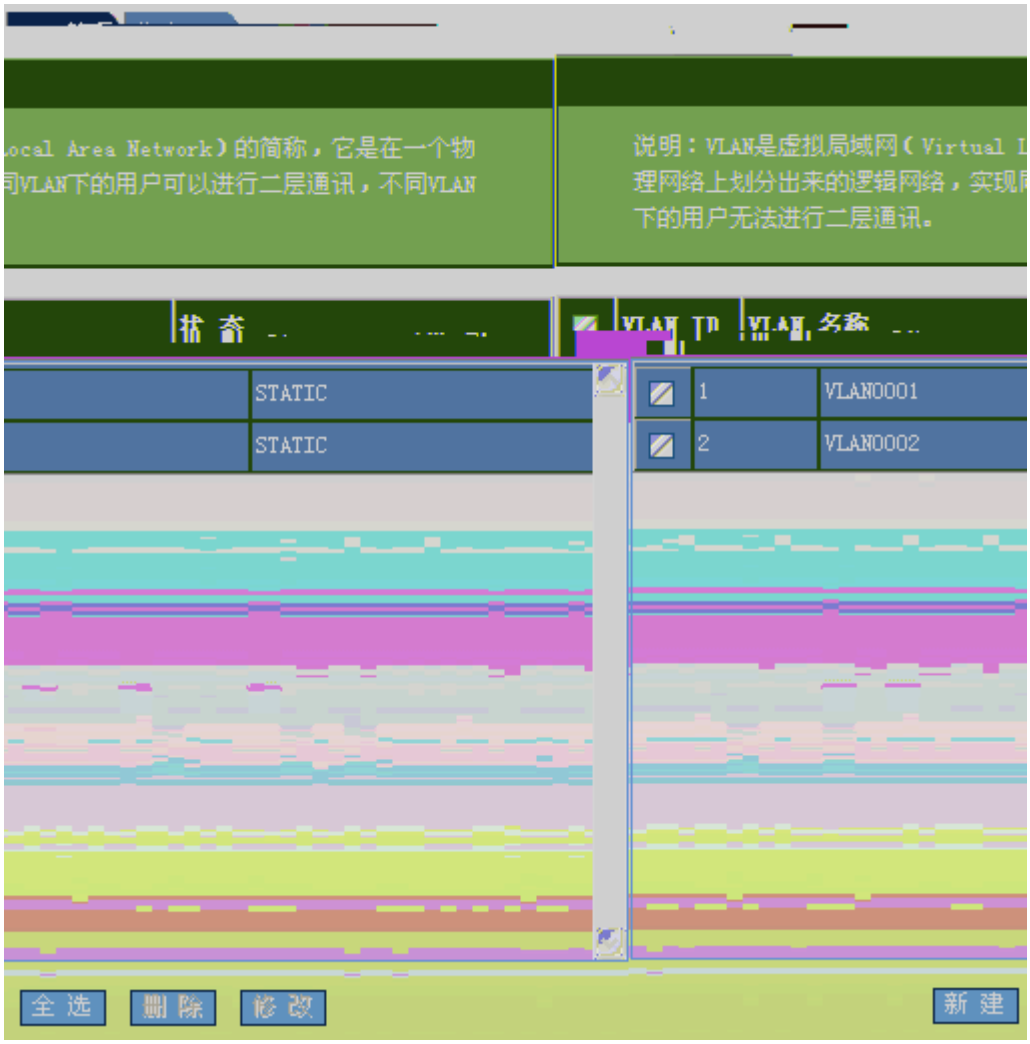
IP “ ”

1.5.2 VLAN

“ VLAN ”

VLAN

1-6 VLAN

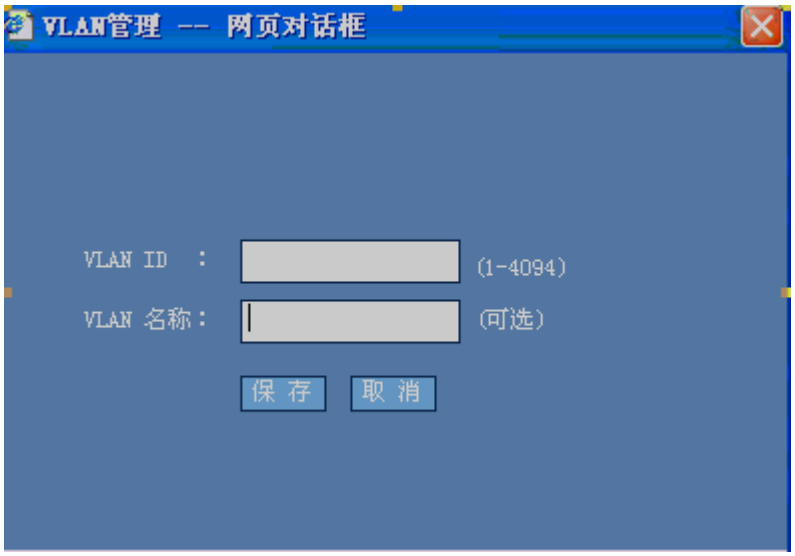


VLAN

VLAN VLAN VLAN

“ ”

1-7 VLAN



VLAN ID VLAN “ ” VLAN VLAN

VLANVLA

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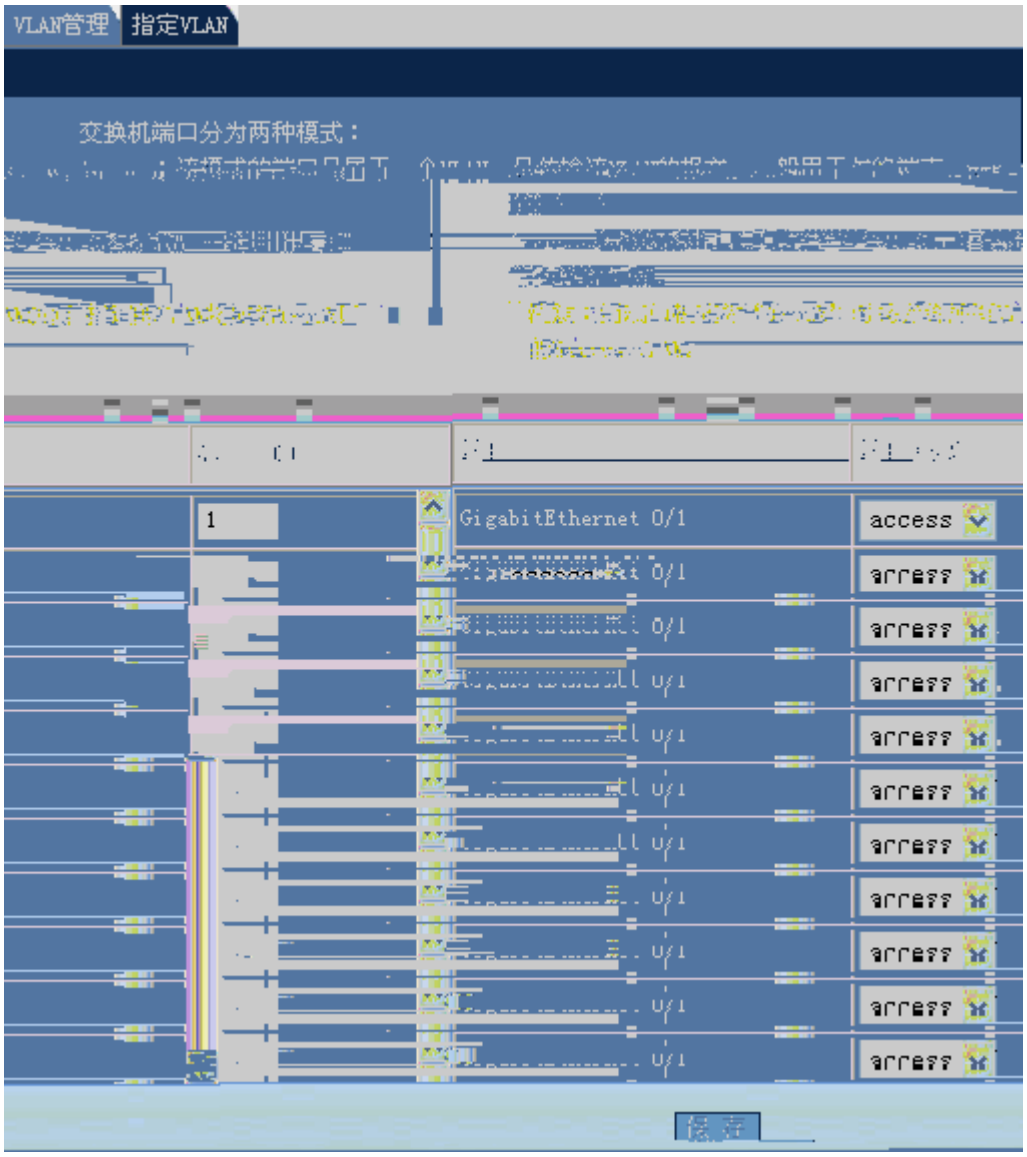
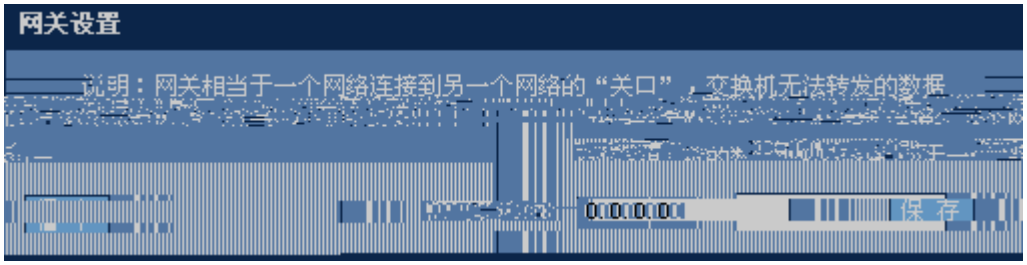


VLAN ID “ ”

1.5.3

“ ”

1-10



IP

IP “ ”

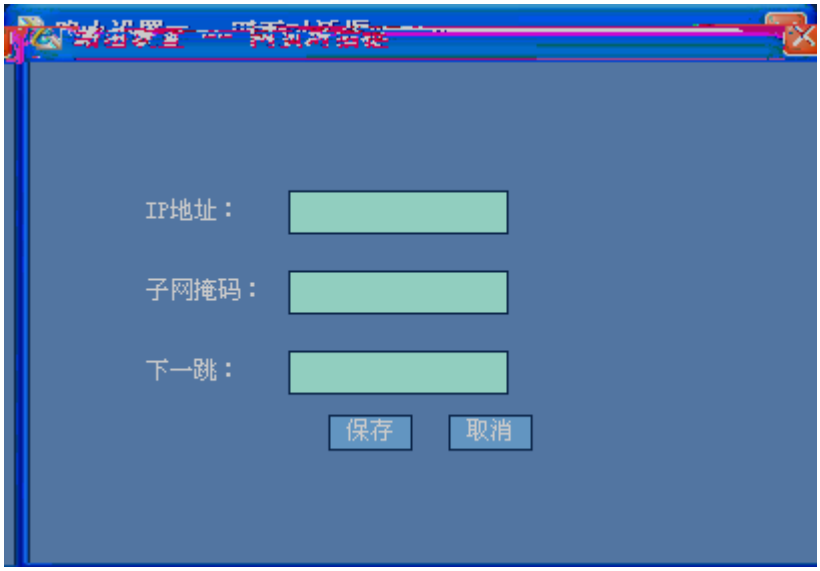
1.5.4

“ ”

1-11

“ ”

1-12



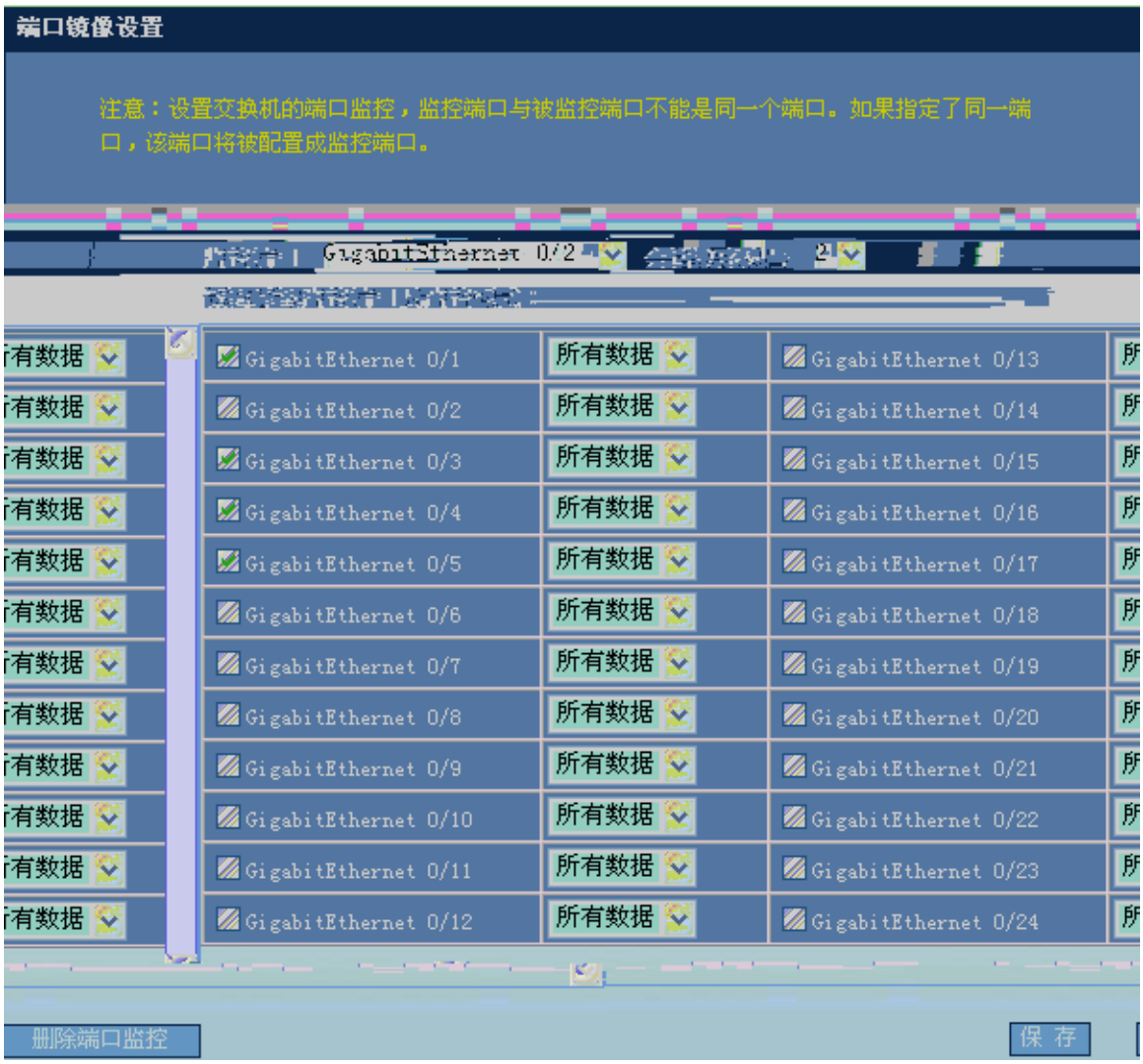
IP “ ”

“ ”

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 0/2
2
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

“ ”

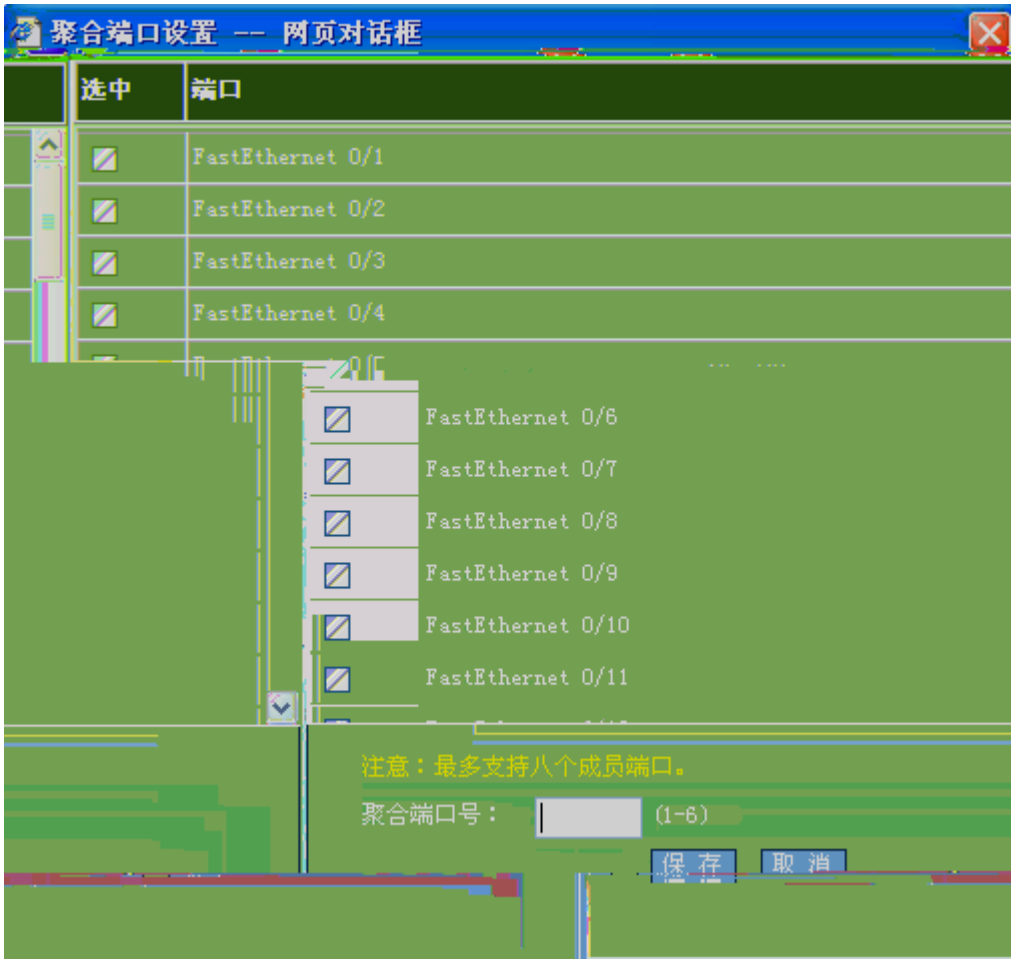
1-14


输入限速
输出限速
端口输入限速设置
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
输入速率限制
瞬时速率限制
GigabitEthernet 0/7
GigabitEthernet 0/9
GigabitEthernet 0/10
GigabitEthernet 0/11
保 存
取消全部输入限速

2 n “ ”

“ ”

1-15


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

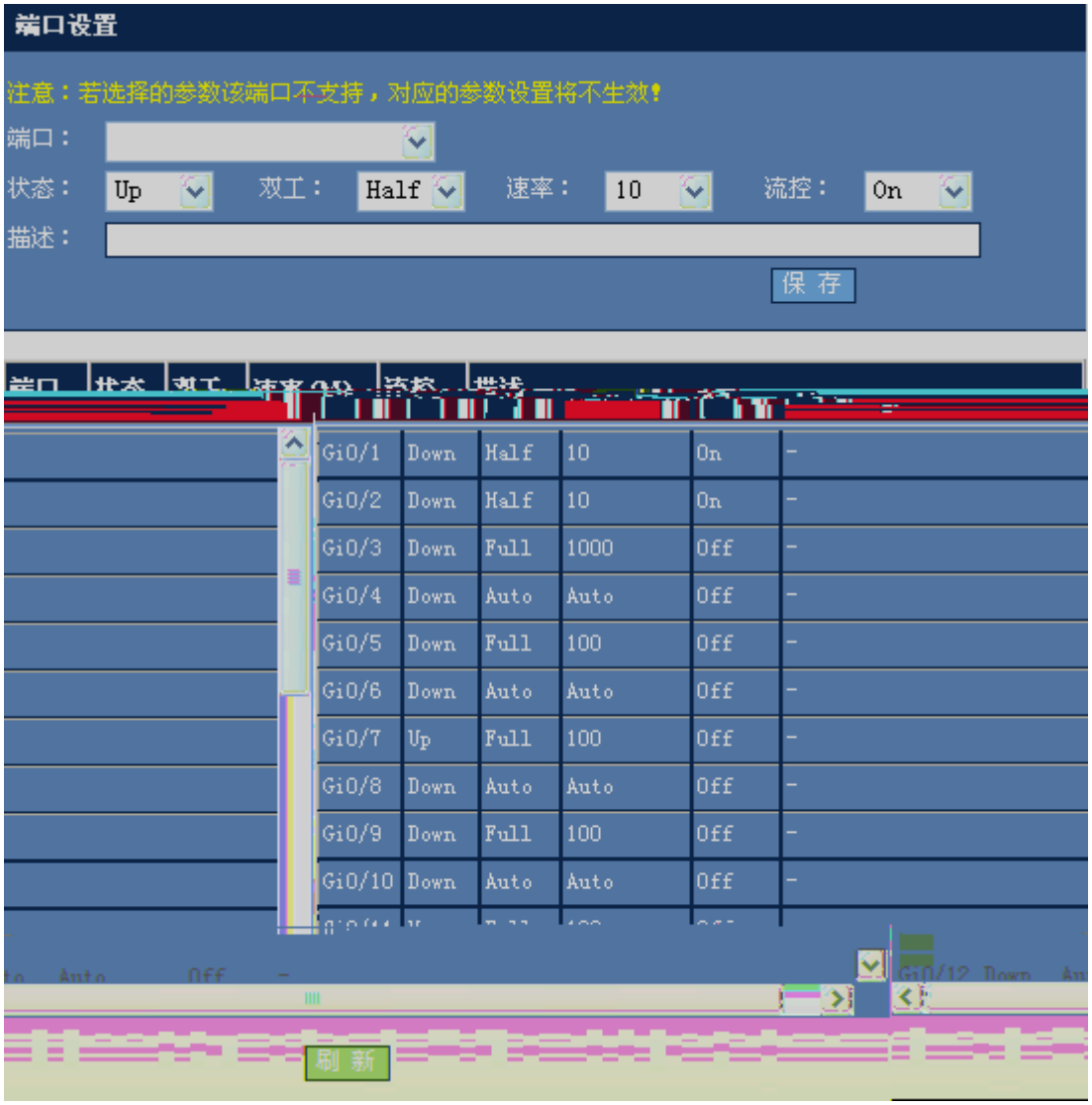
“ ”

“ ”

1.5.8

“ ”

1-18



“ ”

1.5.9 DHCP

“ DHCP ”

DHCP

1-19 DHCP

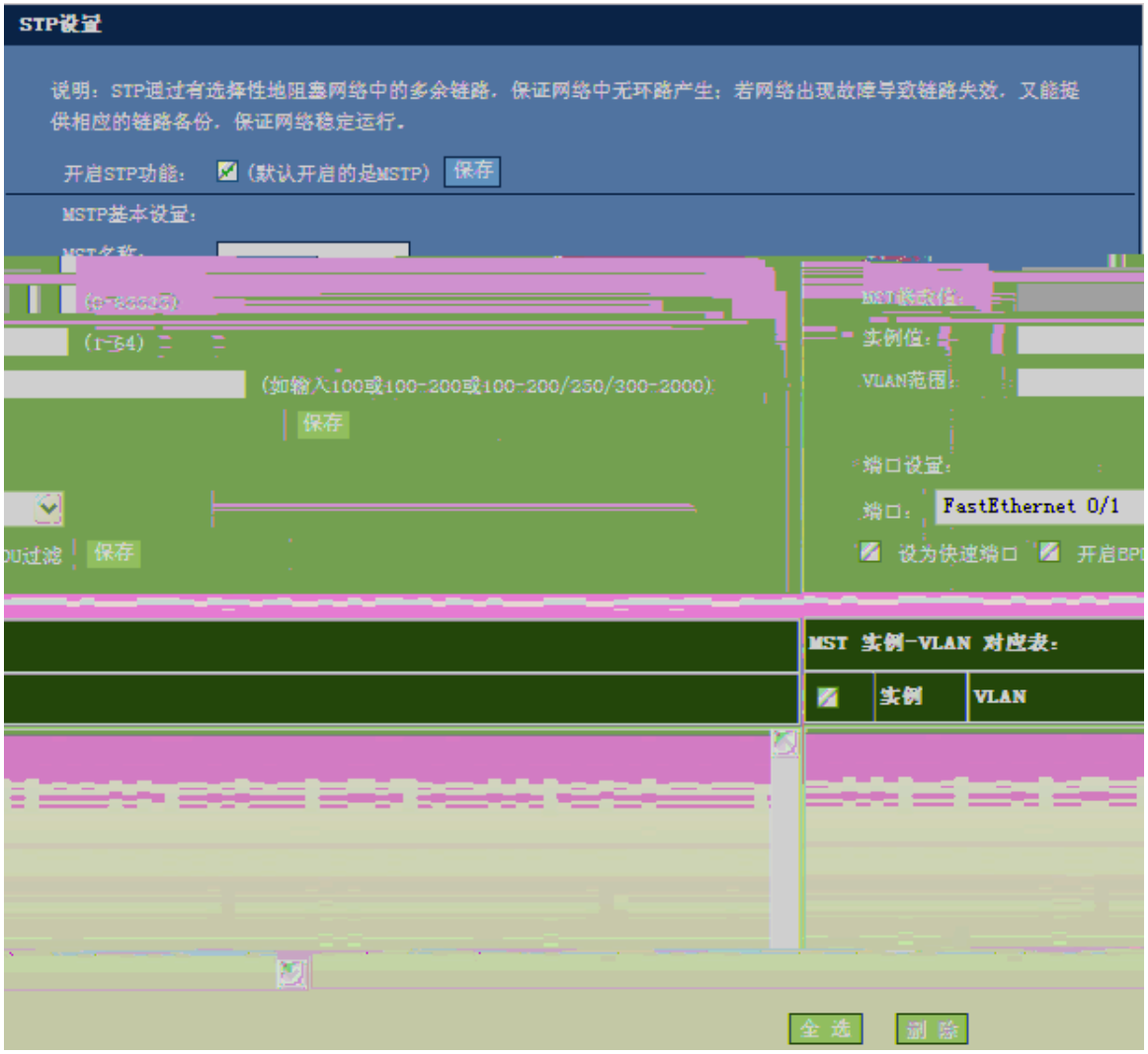
IGMP Snooping “ ” ivgl svgl ivgl-svgl svgl ivgl-svgl IP “ ” IGMP Snooping “ ” “ ”

1.5.11 STP

“ STP ”

STP

1-21 STP



“ STP ” “ ” STP MSTP MSTP
BPDU “ ”

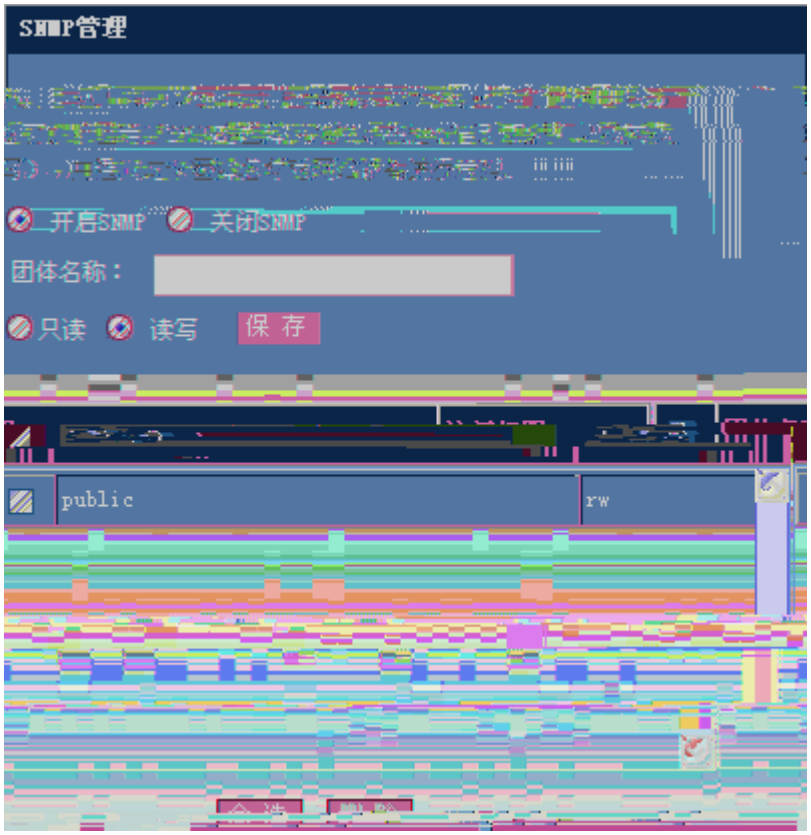
MSTP MSTP VLAN -VLAN “ ”
-VLAN

1.5.12 SNMP

“ SNMP ”

SNMP

1-22 P



SNMP “ SNMP ”

“ ” SNMP “ SNMP ” “ ”

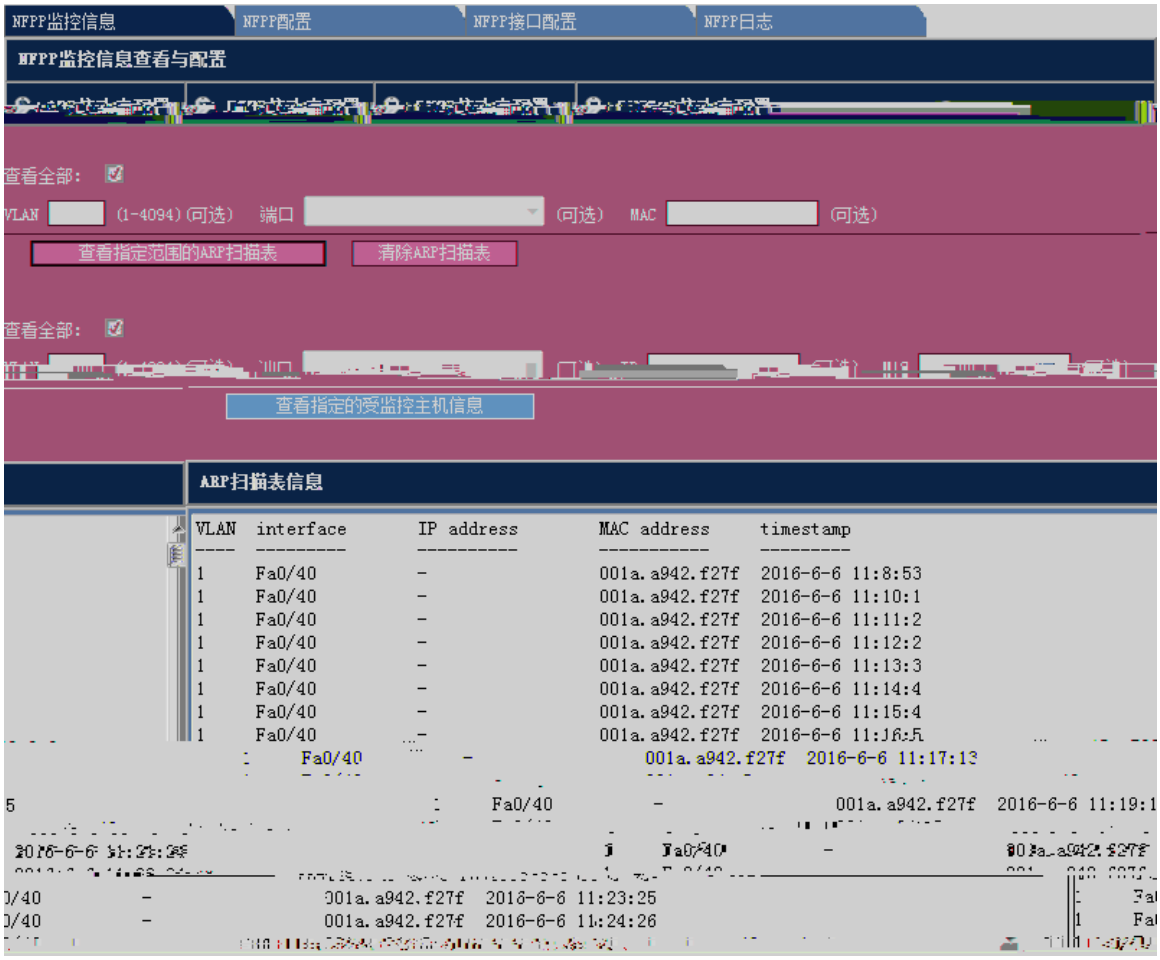
“ ”

1.5.13 NFPP

“ NFPP ”

NFPP

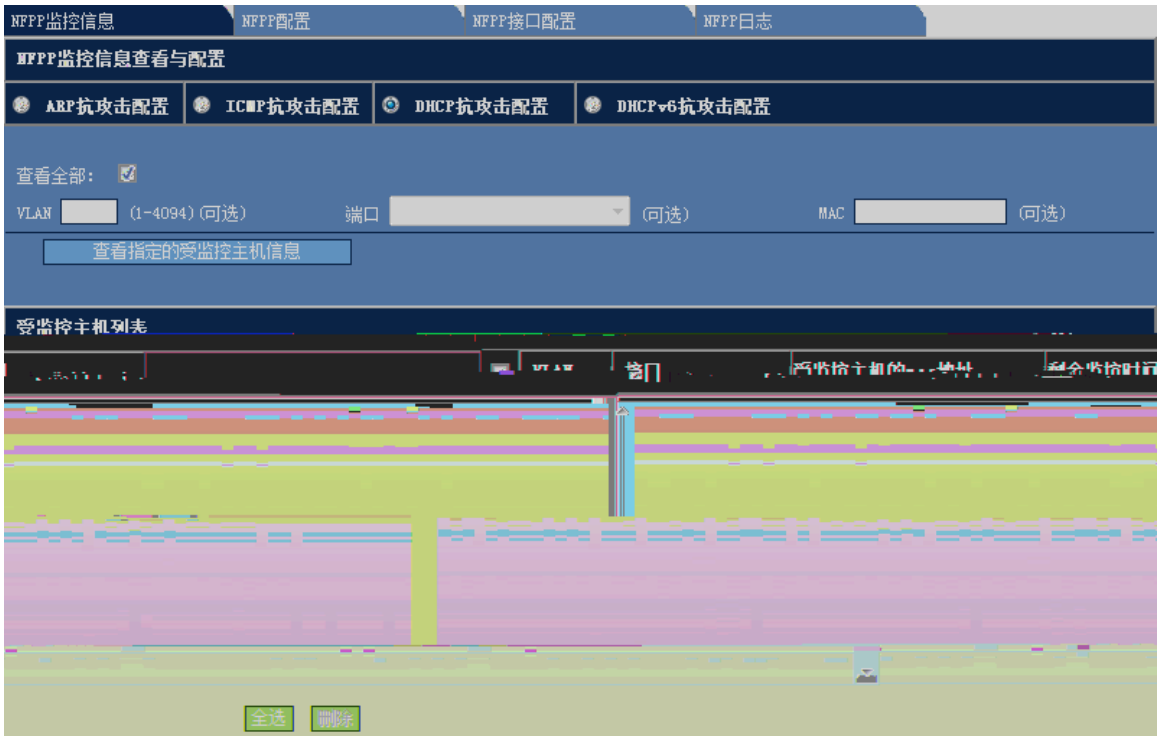
1-23 NFPP



ARP “ ARP ”

ARP “ ” ARP

“ ARP ” ARP

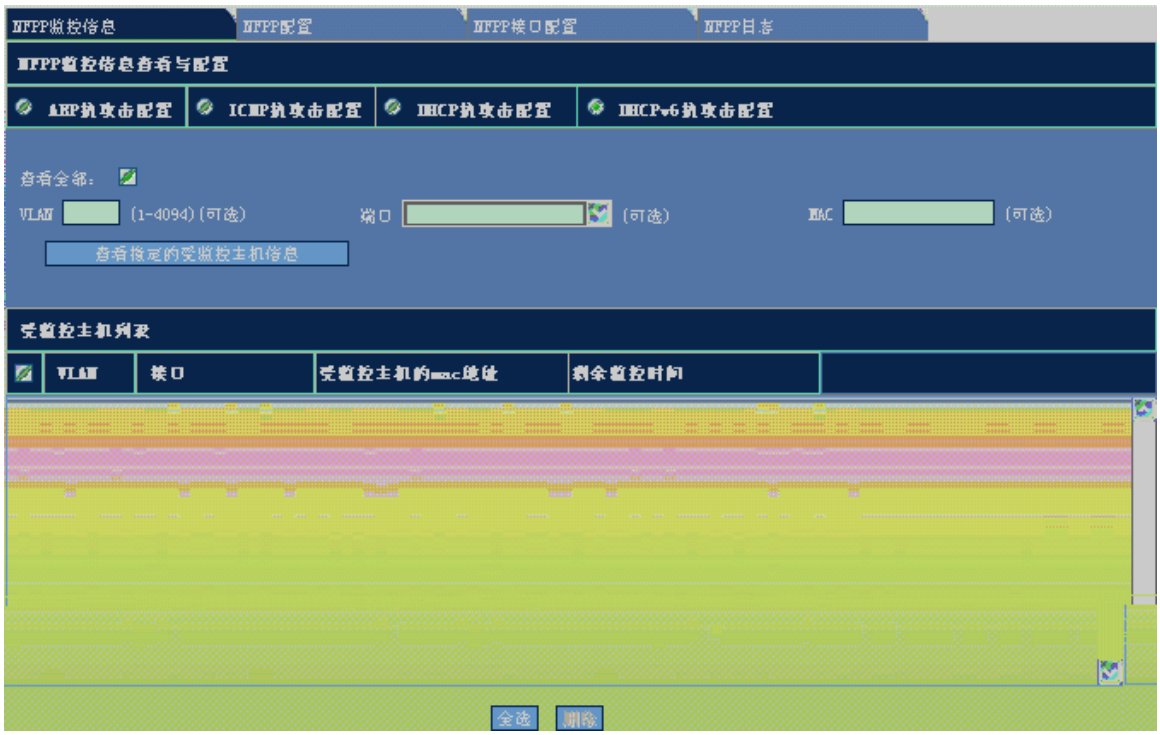


DHCP “

” “ ”

4) DHCPv6

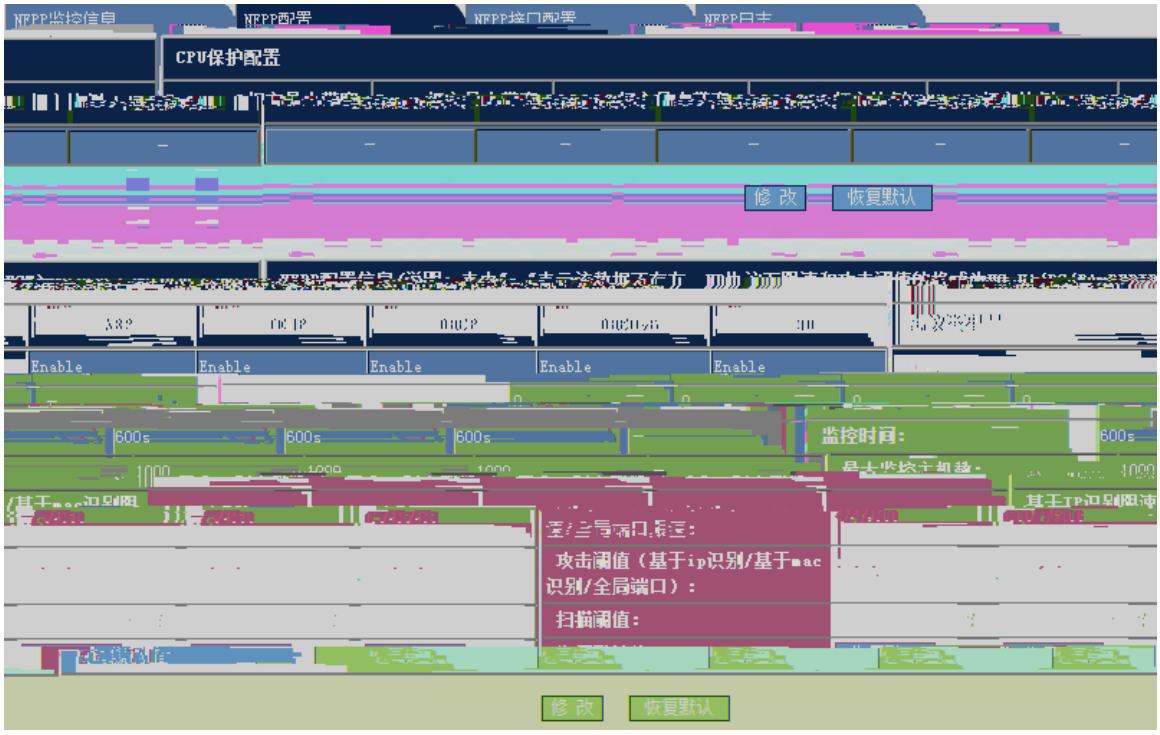
1-27 NFPP —DHCPv6



DHCPv6 “ ” “ ”

NFPP

1-28 NFPP



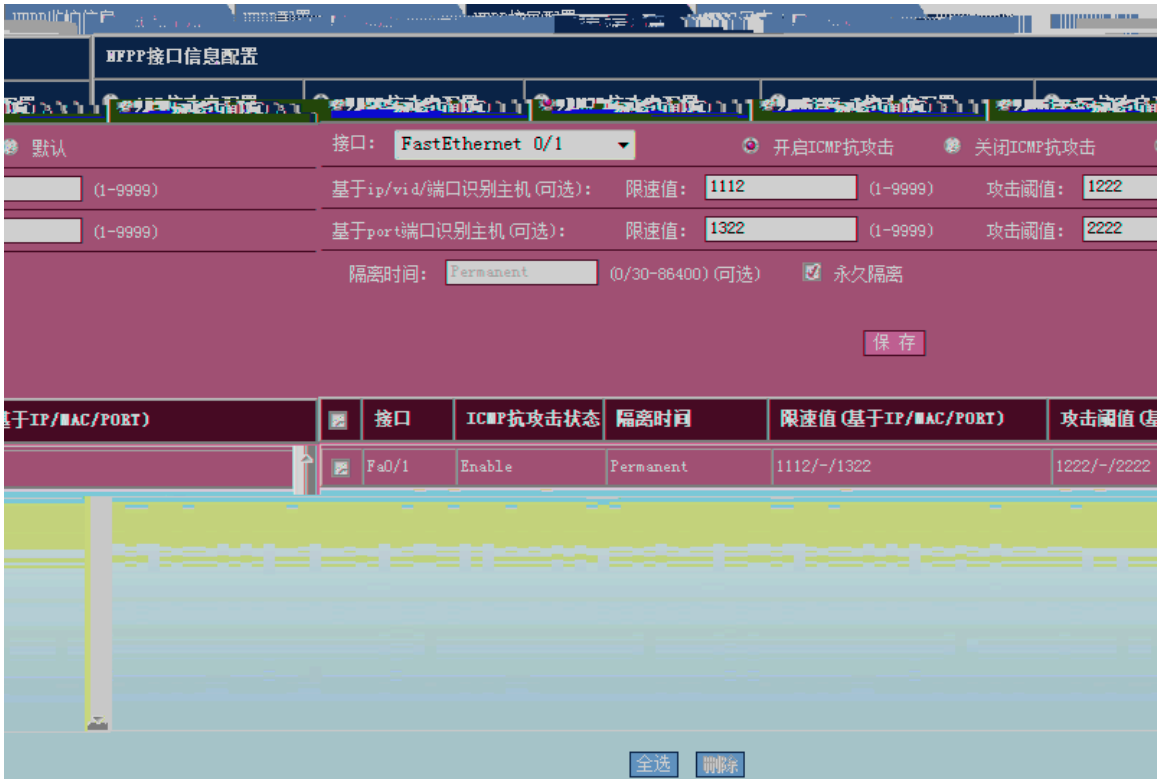
1) CPU

1-29 CPU

ARP NFPP “ ”

2) ICMP

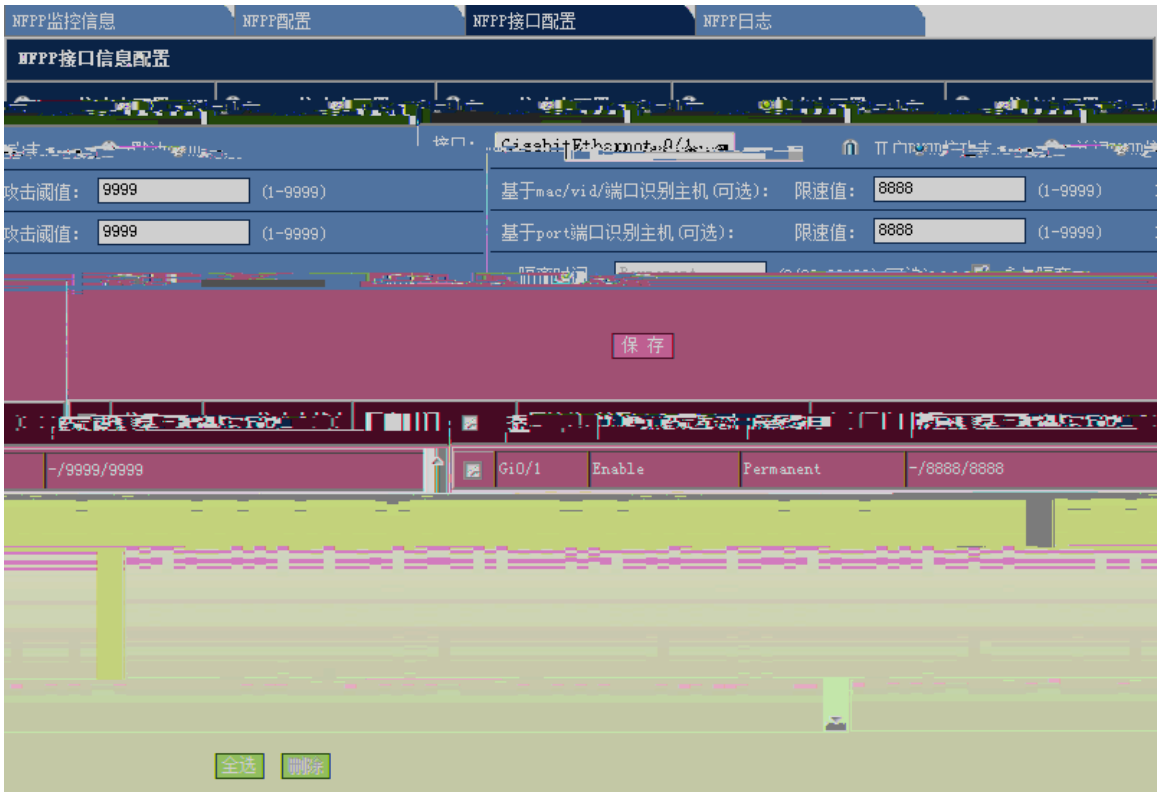
1-32 NFPP —NFPP ICMP



ICMP NFPP “ ”

3) DHCP

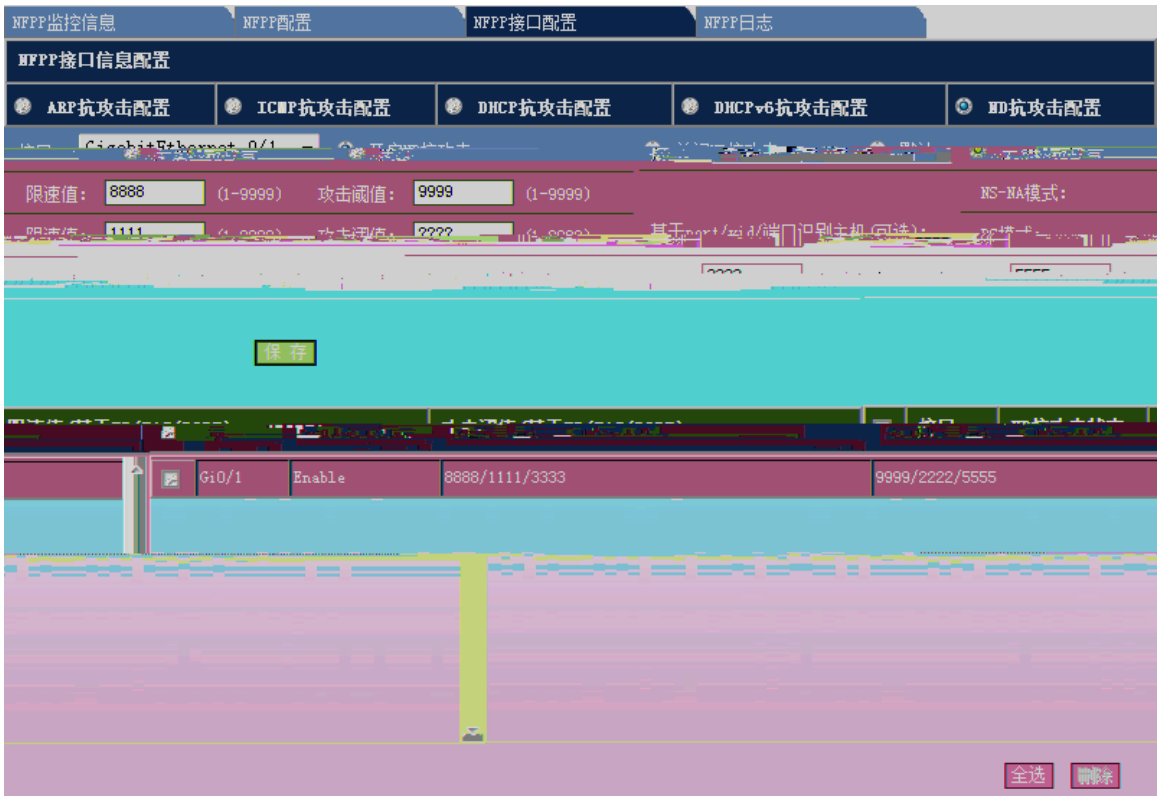
1-33 NFPP —NFPP DHCP



DHCP NFPP “ ”

4) DHCPv6

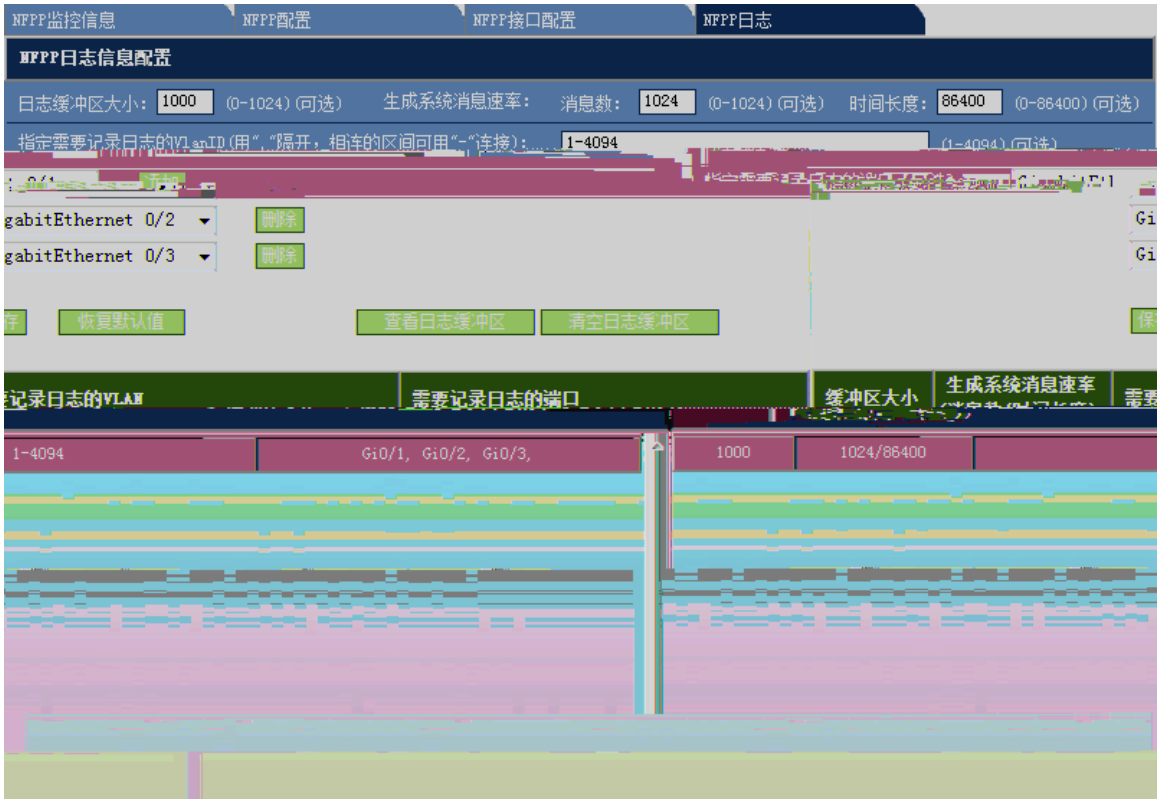
1-34 NFPP —NFPP DHCPv6



ND NFPP “ ”

NFPP

1-36 NFPP

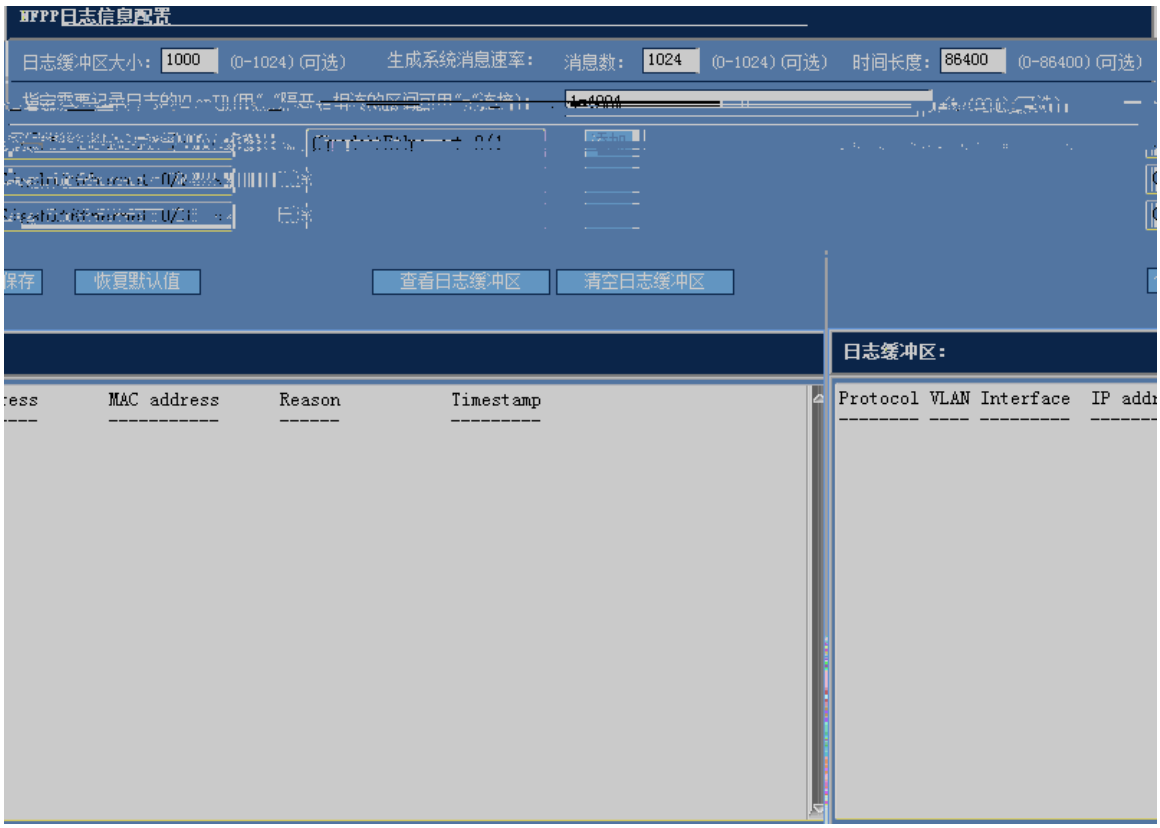

NFPP监控信息
NFPP配置
NFPP接口配置
NFPP日志
NFPP日志信息配置
日志缓冲区大小：
1000
(0-1024) (可选)
生成系统消息速率：
消息数：
1024
(0-1024) (可选)
时间长度：
86400
(0-86400) (可选)
1-4094
gabitEthernet 0/2
gabitEthernet 0/3
删除
恢复默认值
查看日志缓冲区
清空日志缓冲区
缓冲区大小
生成系统消息速率
1-4094
Gi0/1, Gi0/2, Gi0/3,
1000
1024/86400

NFPP “ ”

“ ”

“ ”

1-37



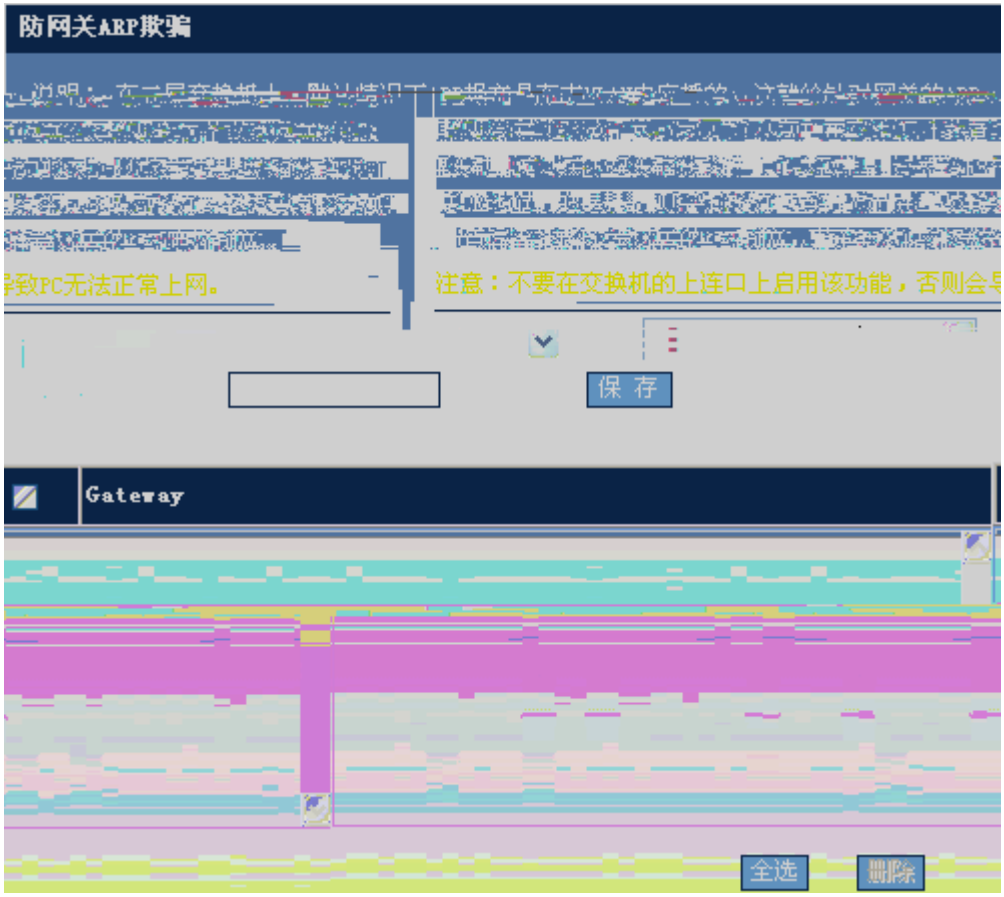
1.6

1.6.1 ARP

“ ARP ”

ARP

1-38 ARP



“ ”

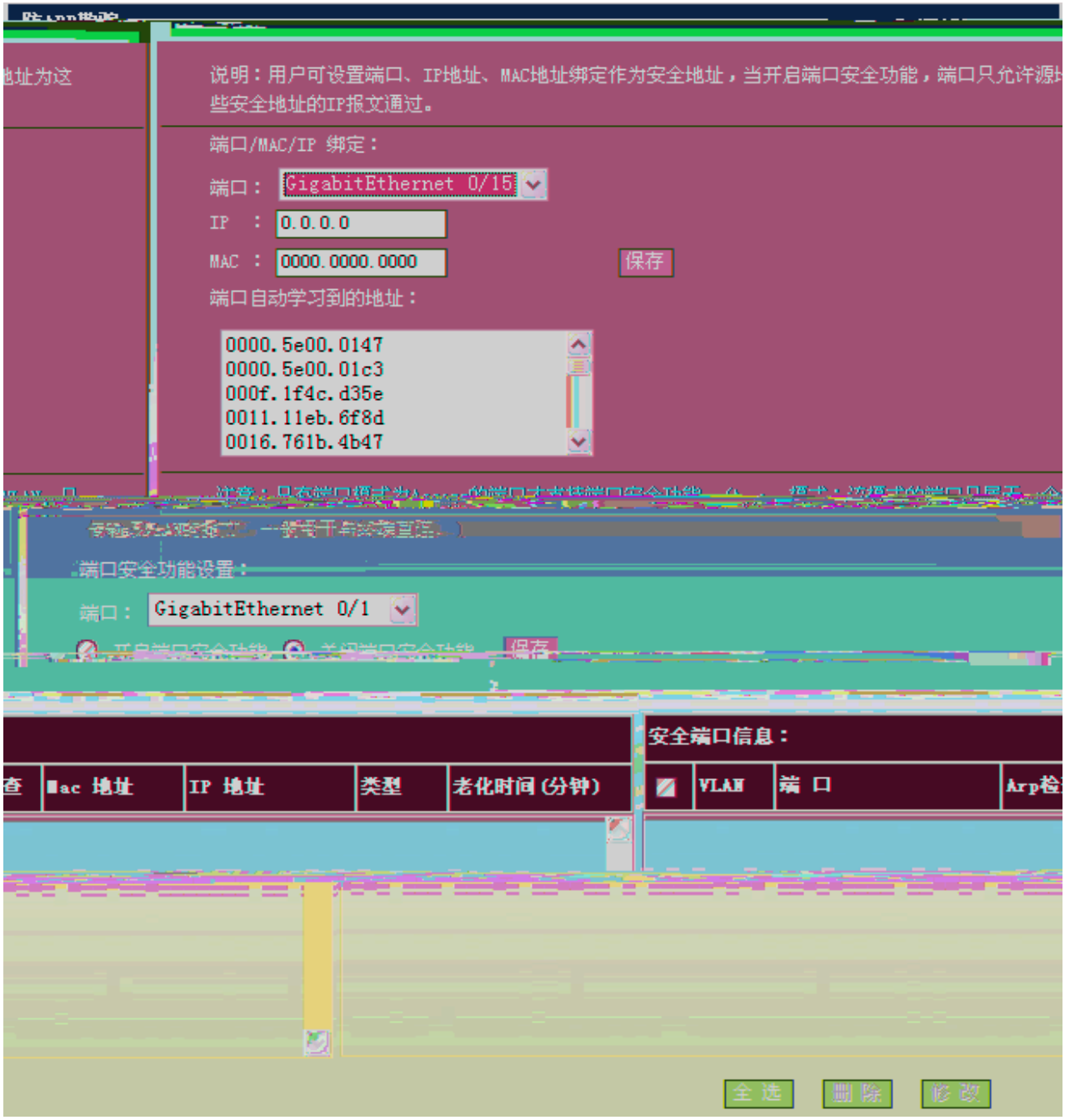
“ ”

1.6.2 ARP

“ ARP ”

ARP

1-39 ARP



/MAC/IP

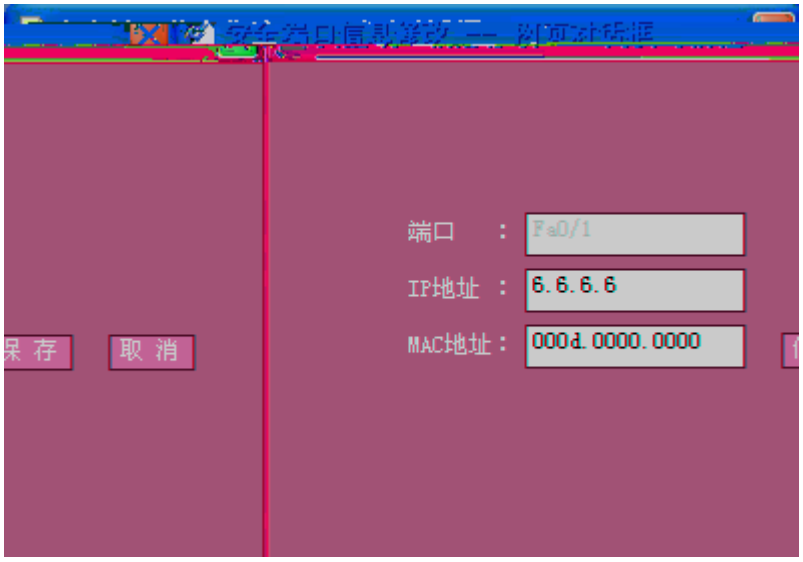
/MAC/IP IP MAC “ ”

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

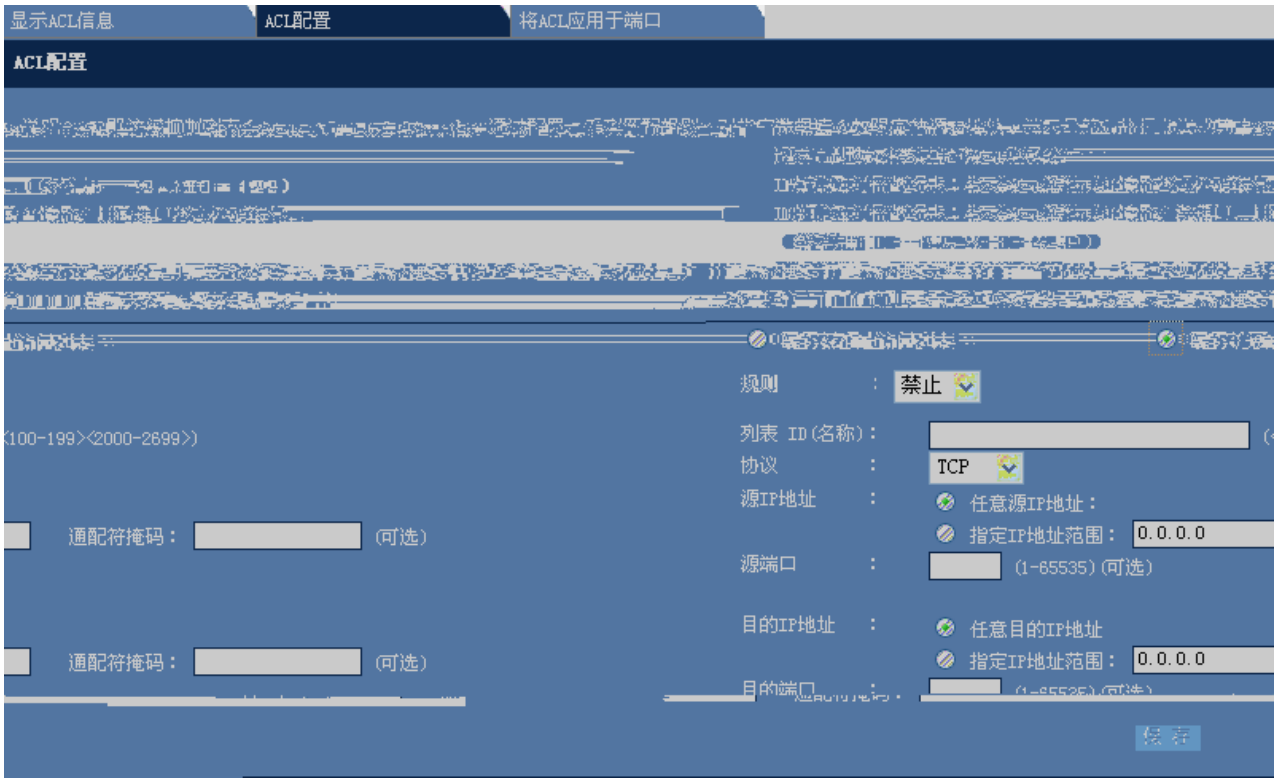
“ ” “ ”

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

ACL ACL

“ ”

“ ”

PC ACL PC WEB

1.6.5 IP Source Guard

IP Source Guard

IP Source Guard IP [VLAN MAC IP PORT]

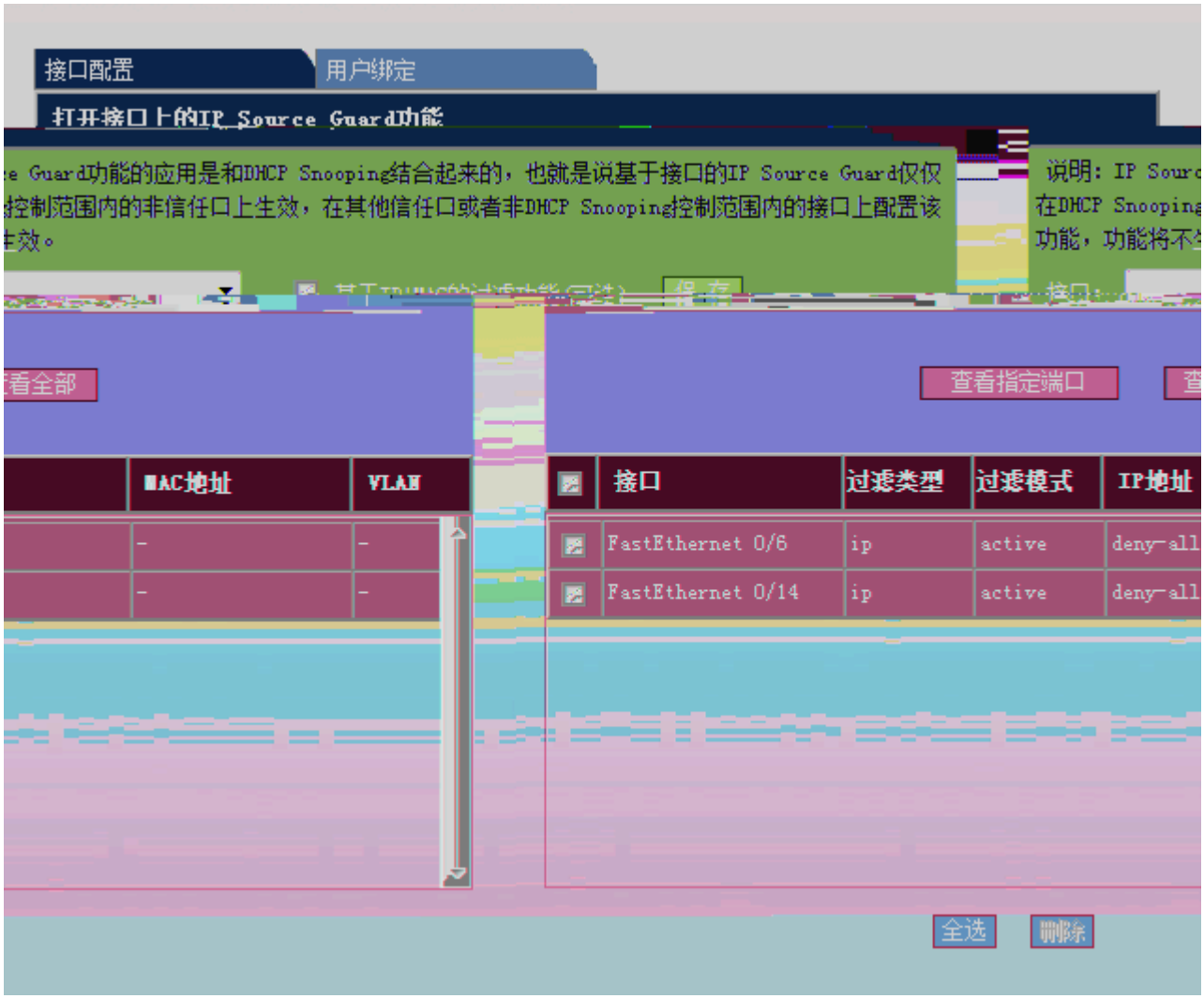
IP Source Guard DHCP Snooping DHCP Snooping IP
IP Source Guard DHCP IP
IP

IP Source Guard DHCP Snooping DHCP Snooping

“ IP Source Guard ”

IP Source Guard

1-46 IP Source Guard



MAC MAC

VLAN VLAN ID

IP IP

1-47

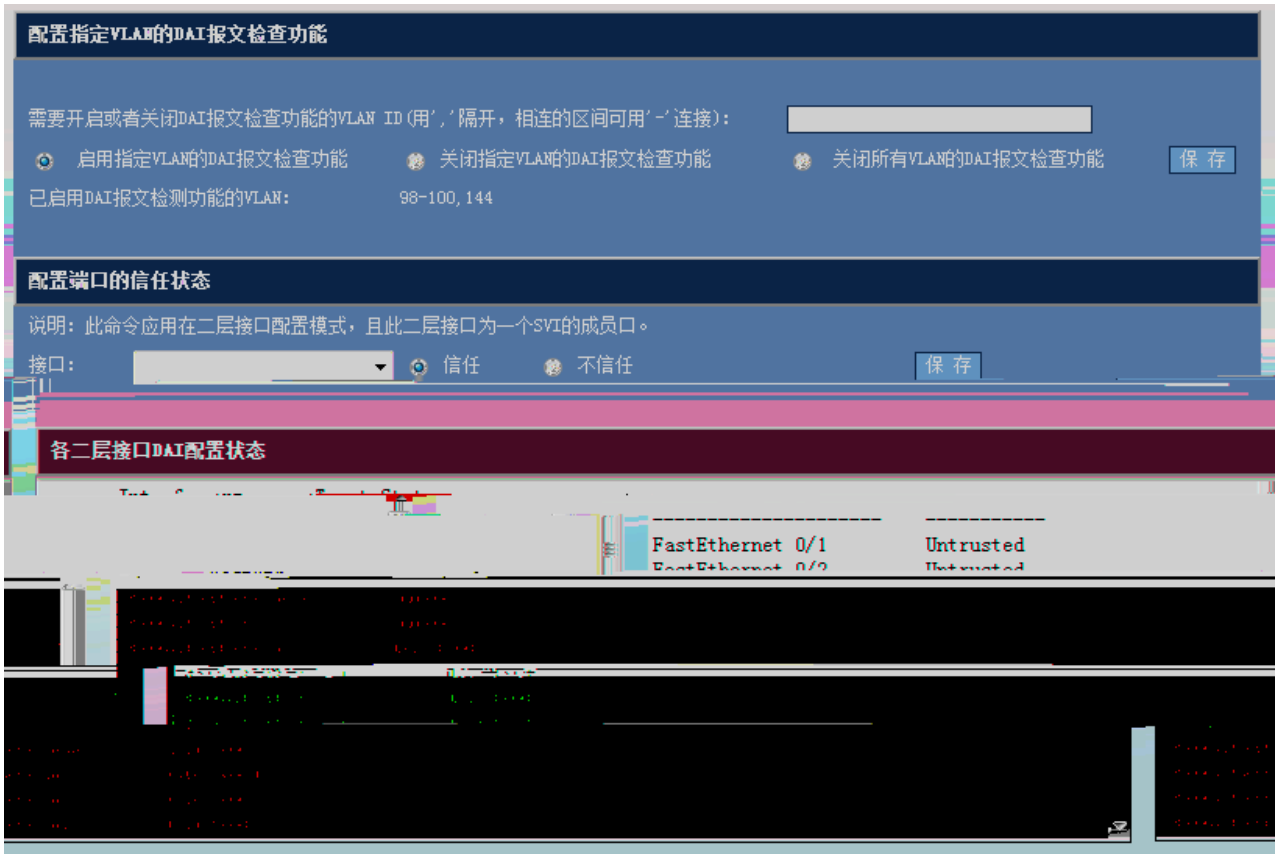
1.6.6 DAI

DAI Dynamic ARP Inspection ARP ARP arp

“ DAI ”

DAI

1-48 DAI



VLAN DAI

VLAN DAI

VLAN 100 DAI vlan-id 100 ARP DAI

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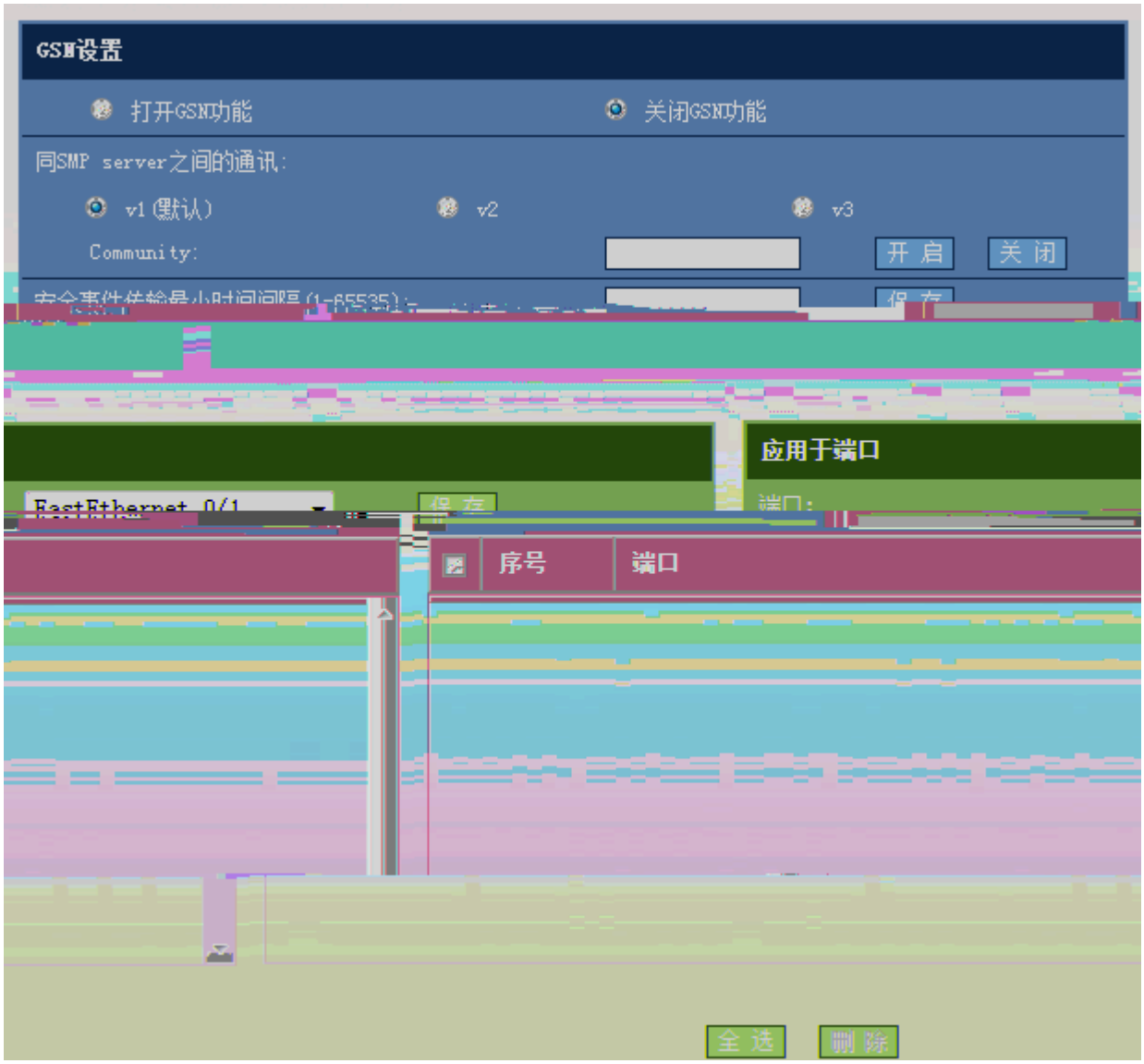
1.6.7 GSN

“ GSN ”

GSN

1-49 GSN



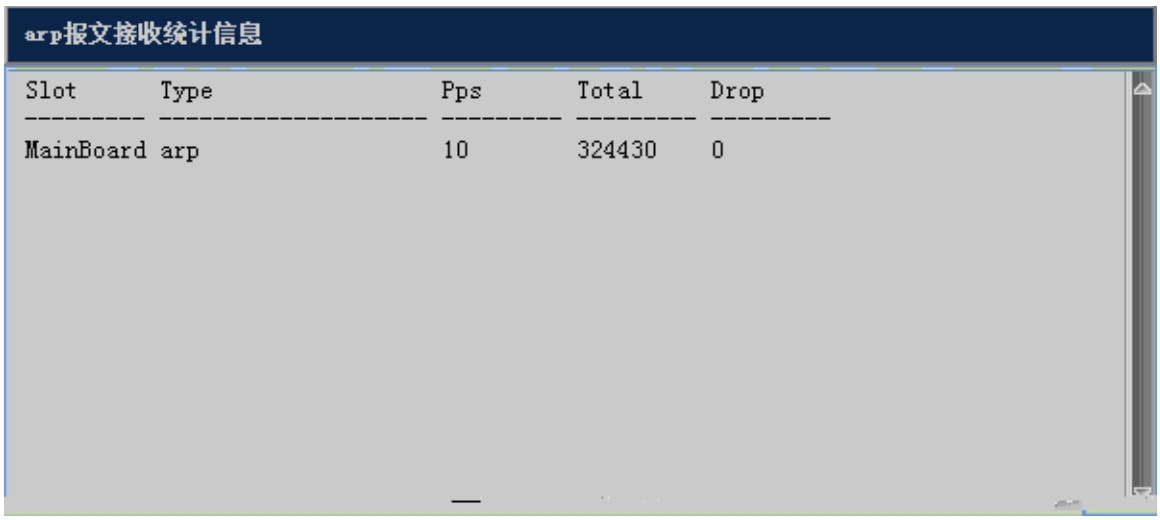
GSN

GSN GSN GSN GSN

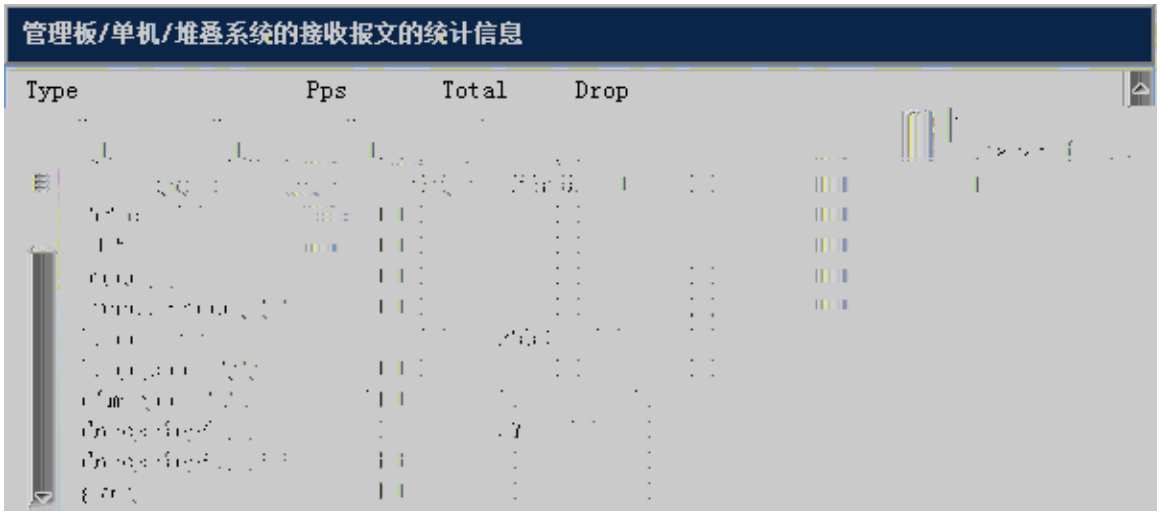
SMP server

SMP server v1 v2 v3 Community User “ ”

“ ”


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

“ ”



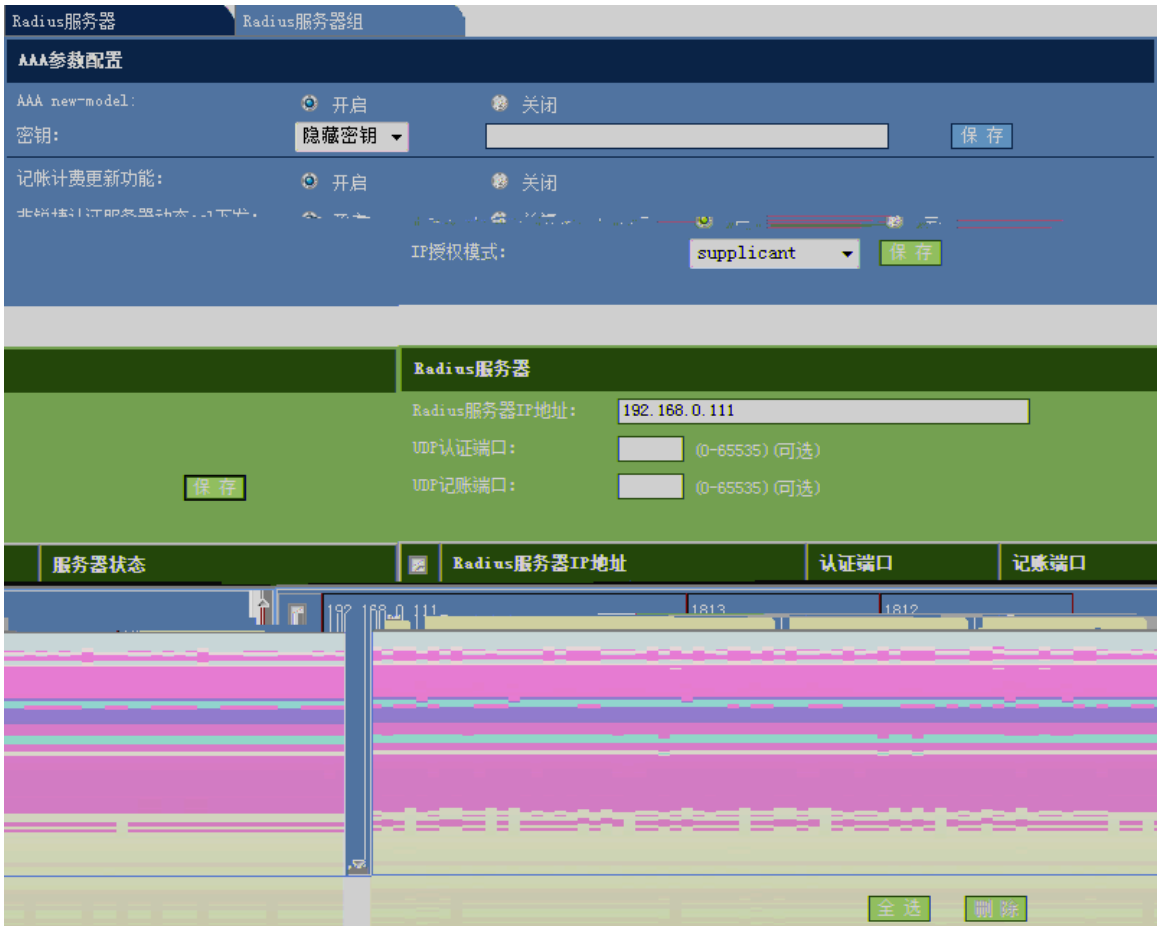
“ ”

1.6.9 RADIUS

“ RADIUS ”

RADIUS

1-54 RADIUS



RADIUS

AAA AAA RADIUS AAA new-model

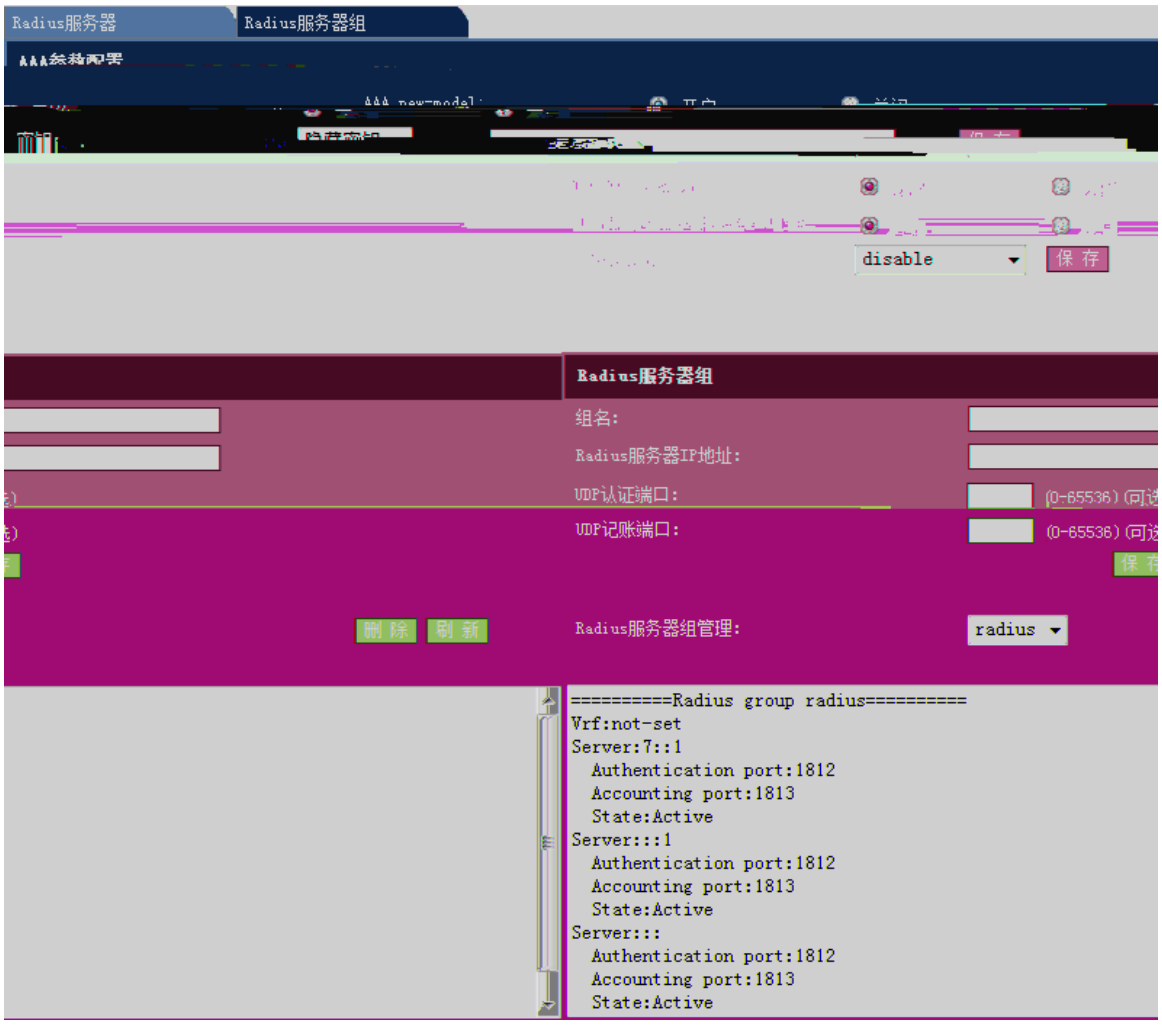
“ ” AAA “ ”

IP IP “ ”

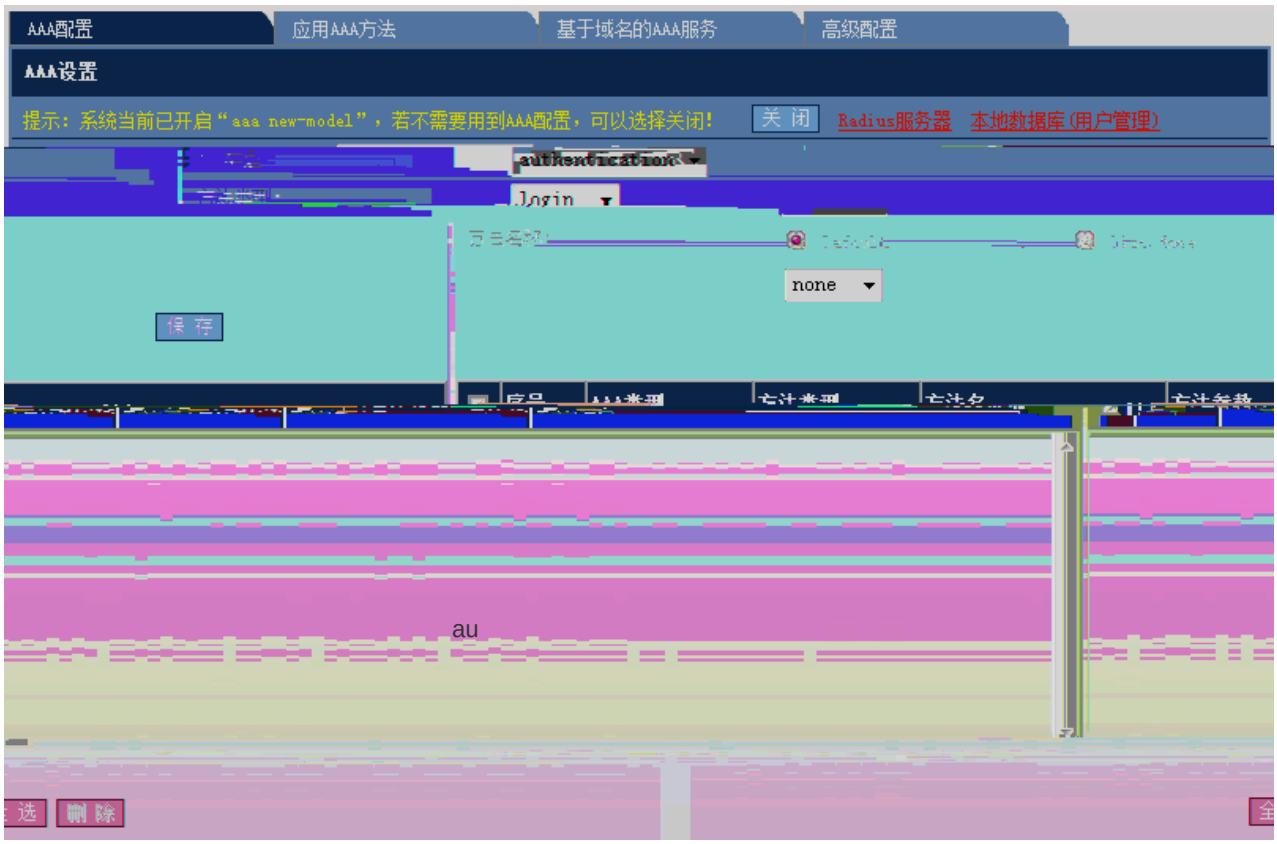
RADIUS IP “ ”

RADIUS

1-55 RADIUS



Eg 9?U „ Î ê5Ù Â ,X á u <4˜ á ÈEg 9LÔ?U t 9 4˜,X |%' @R• á u <



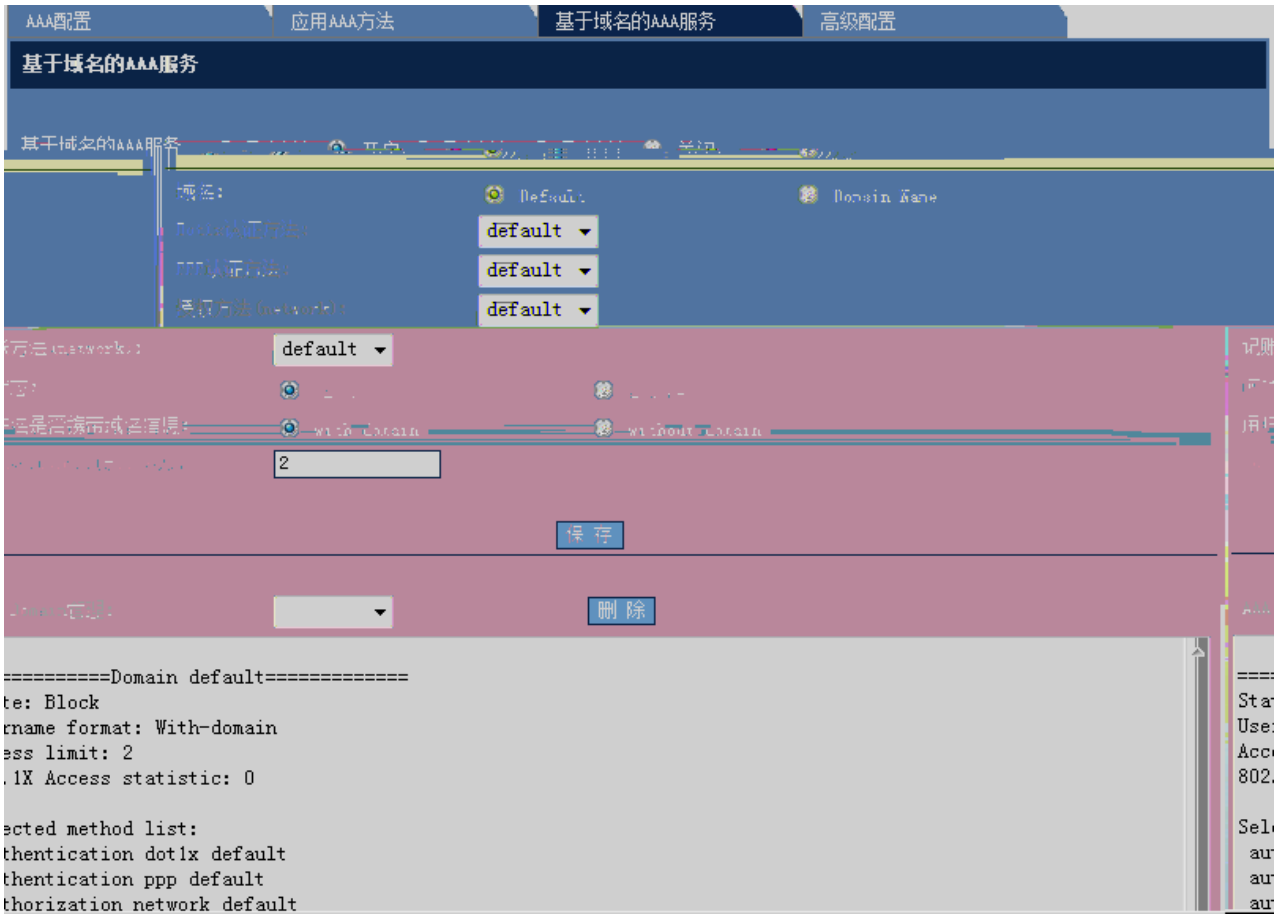
AAA

AAA authentication authorization accounting AAA login enable ppp dot1x exec command network

AAA AAA “ ” “ ”
“ ”

AAA

1-58 AAA



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

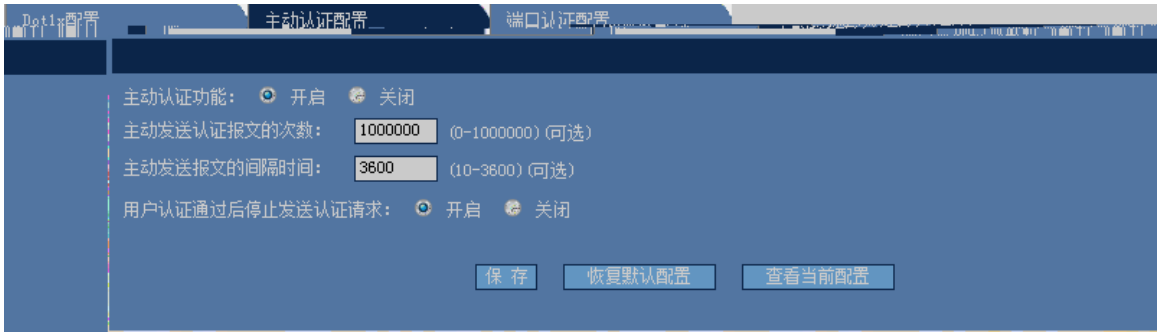
AAA Domain “ ”

1-59 AAA

Dot1x “ ”

“ ” “ ”

1-61 1


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

p „ ” “ ”


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

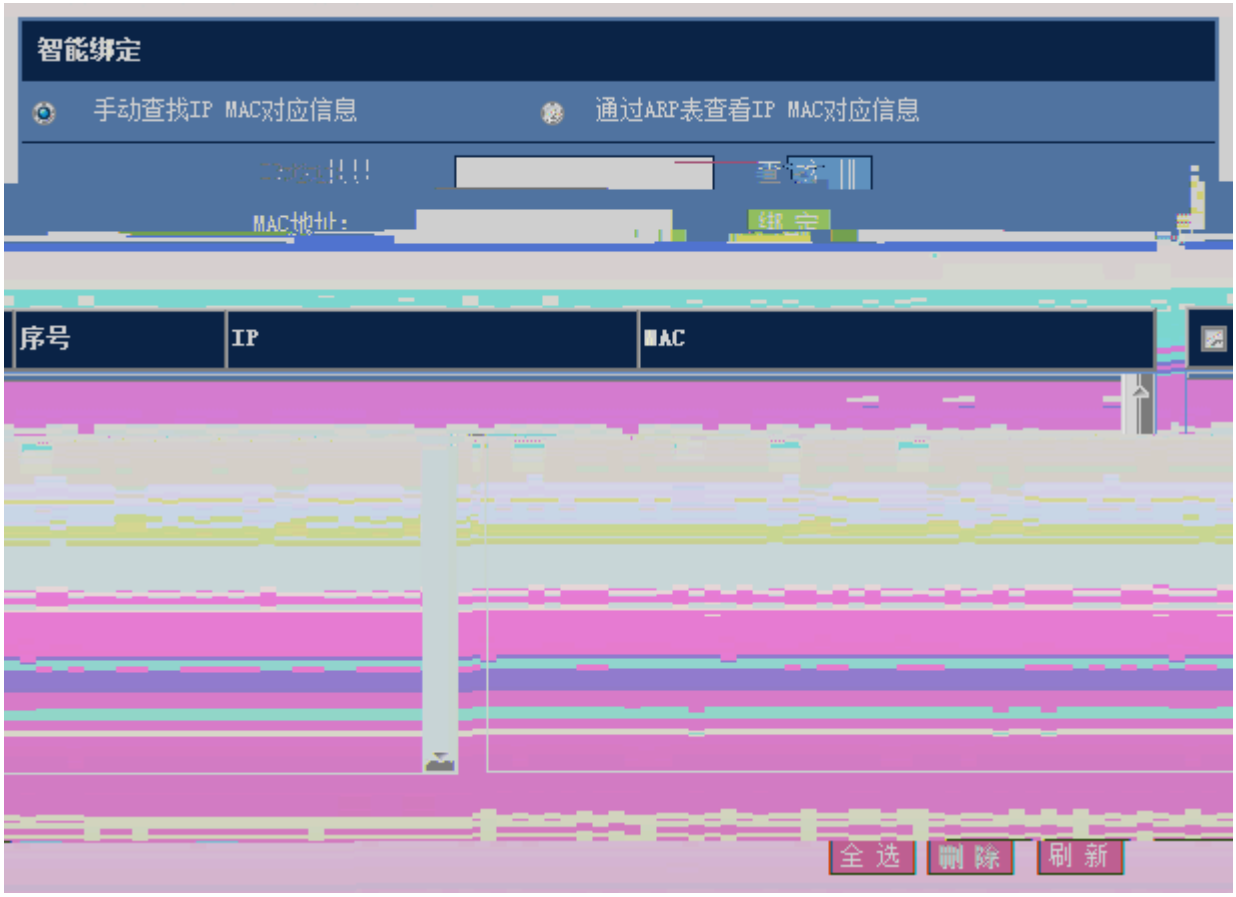
“ ”

VLAN “ ”

1.6.12

“ ”

1-64

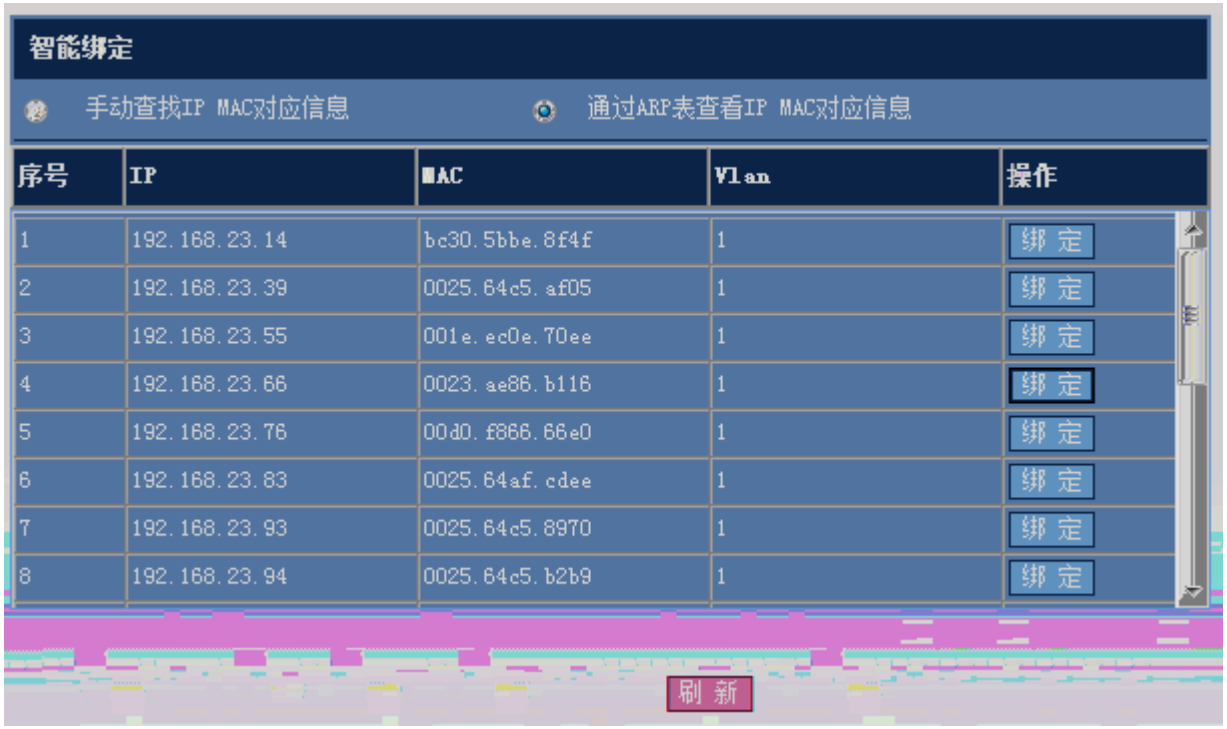


IP MAC

IP MAC MAC “ ”

ARP IP MAC “ ”

1-65 ARP

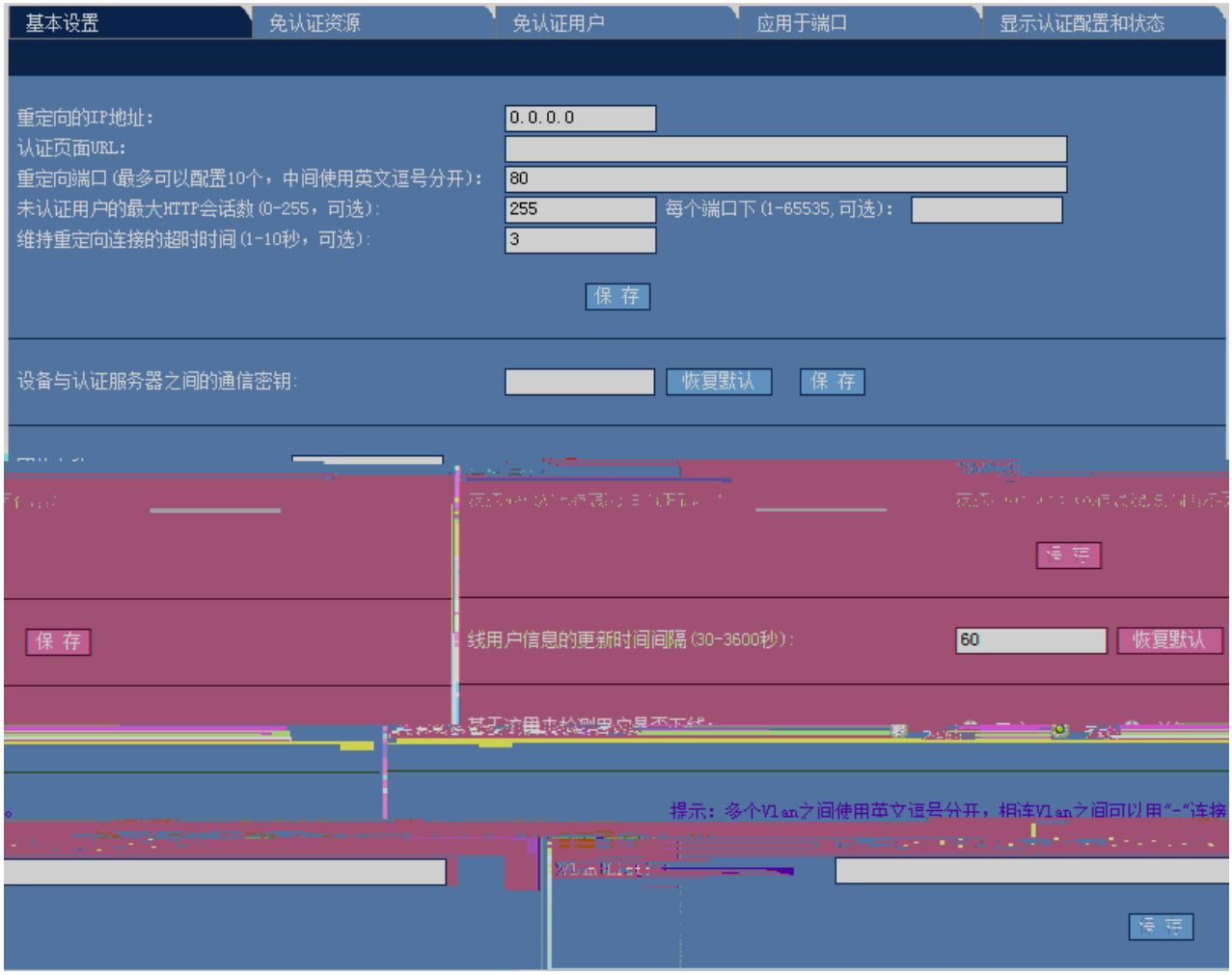


1.6.13 WEB

“ web ”

web

1-66 web



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 “ ”

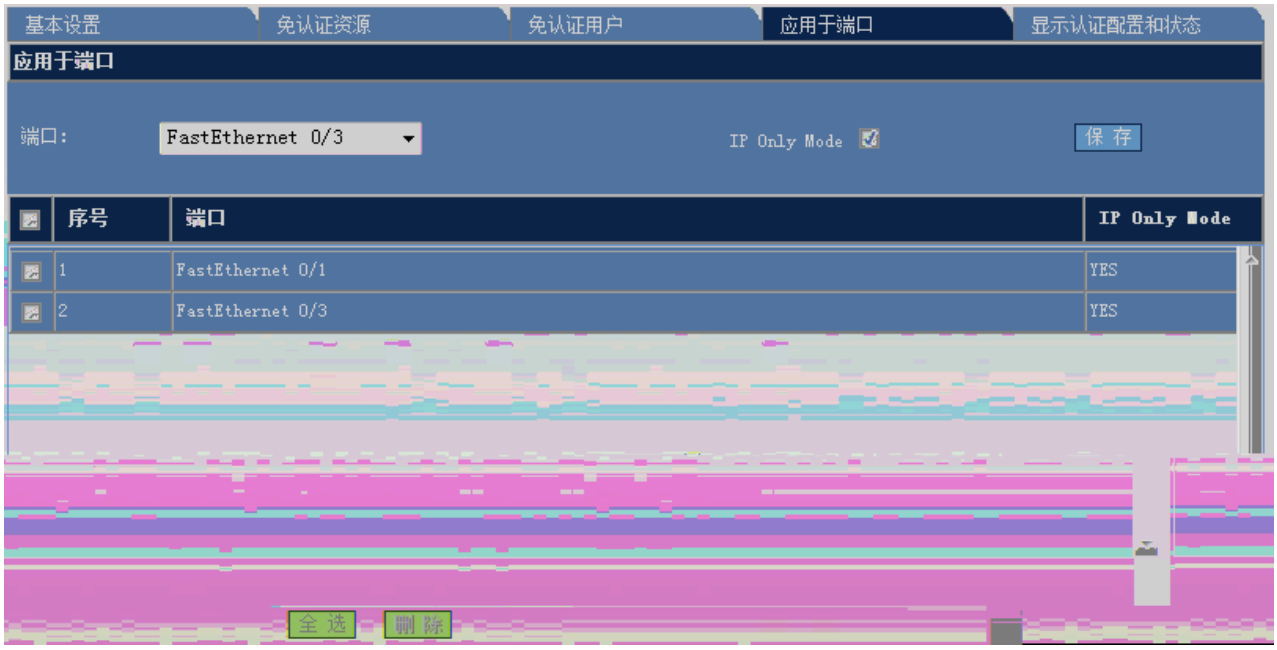
1-68


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 “ ”

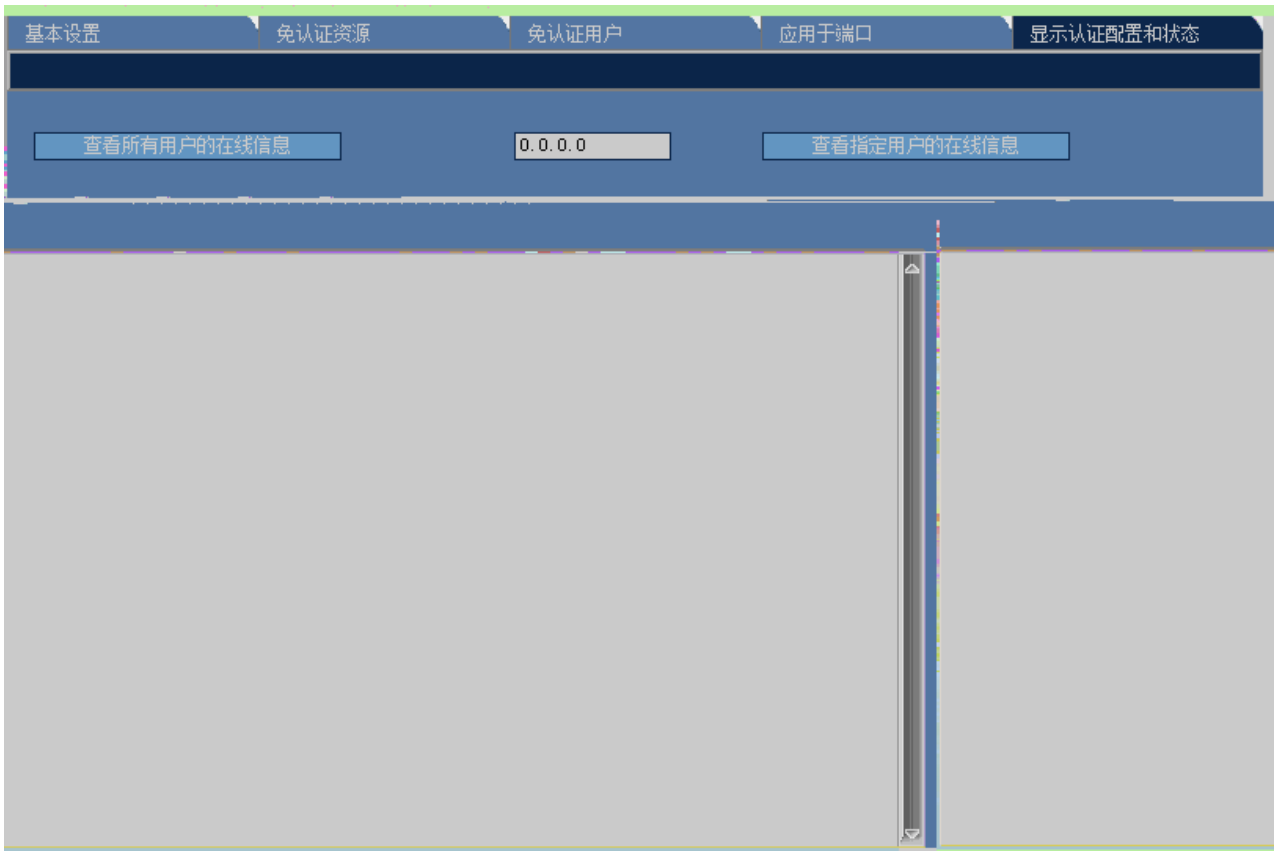
“ ”

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

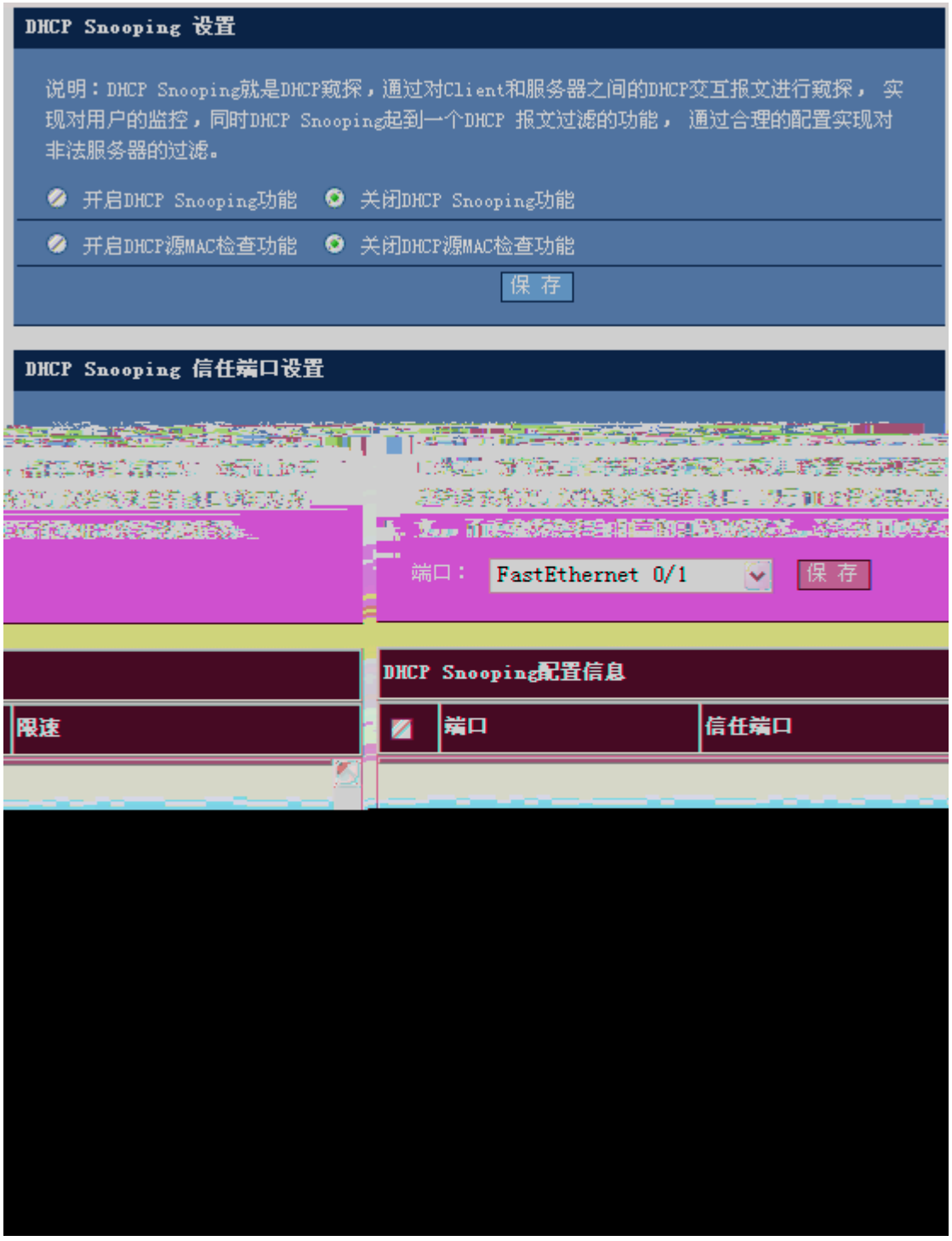
IP

1.6.14 DHCP Snooping

“ DHCP Snooping ”

DHCP Snooping

1-71 DHCP Snooping



1.7.2

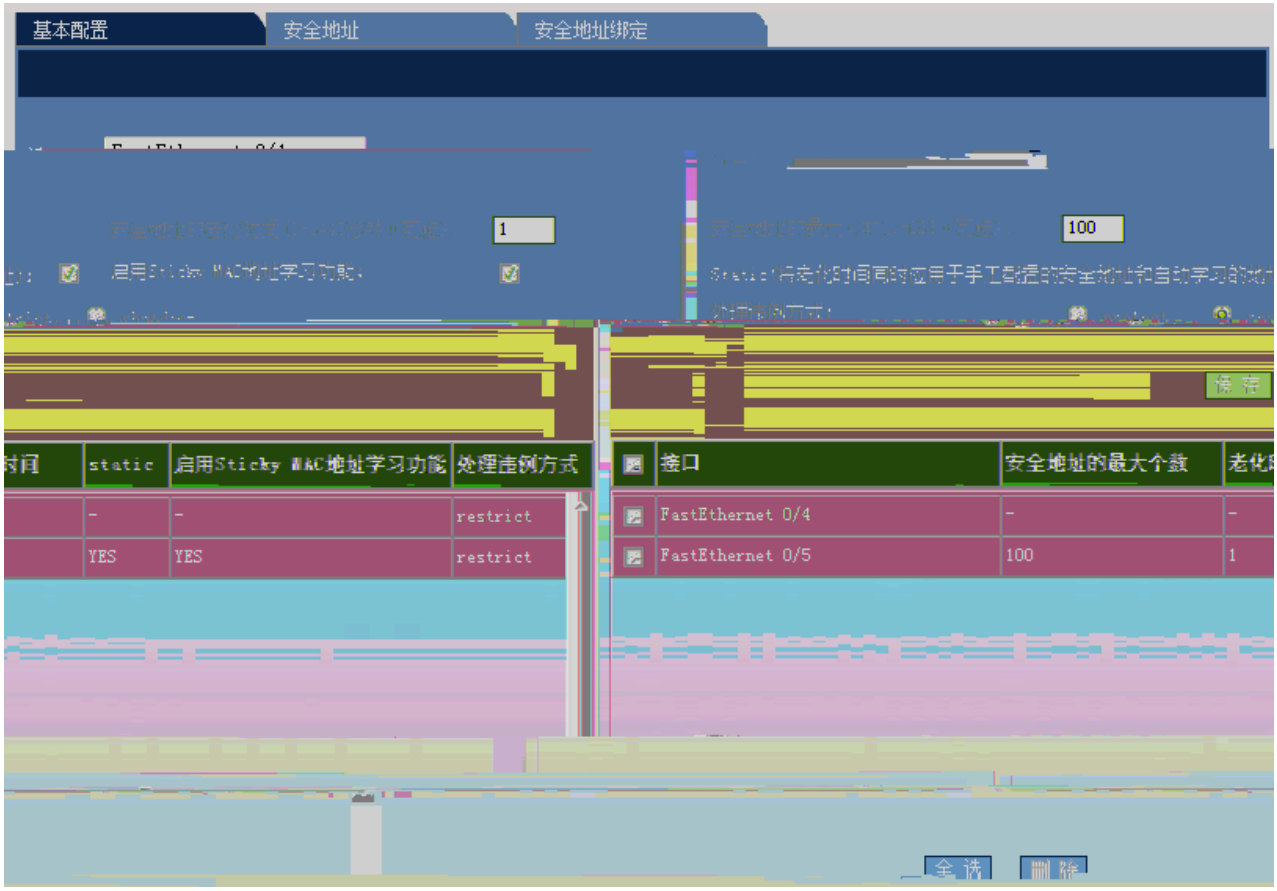
1.7.3

“ ”

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

“ ” “ ”



Static Sticky Mac

“ ”

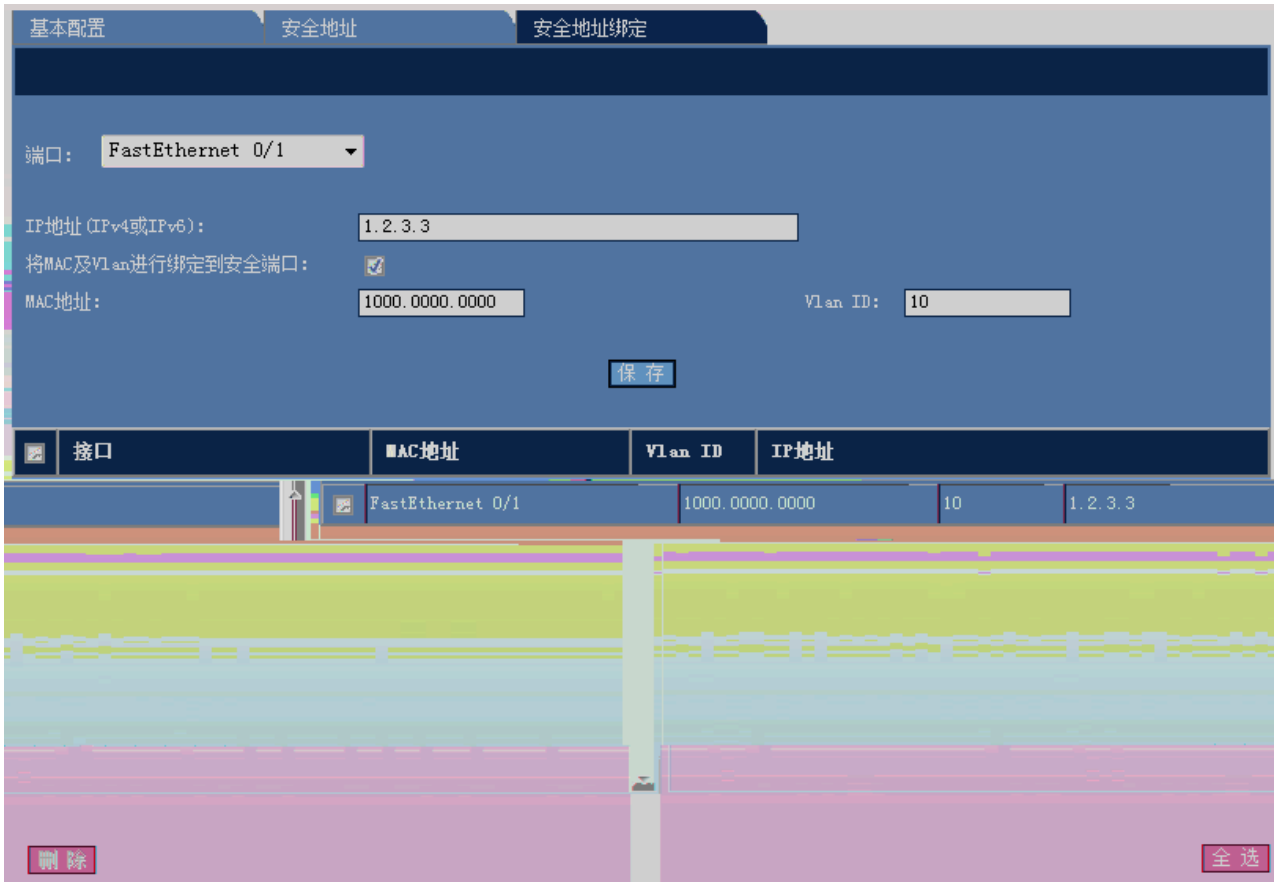
“ ”

1-77

Mac VLAN ID “ ”

“ ”

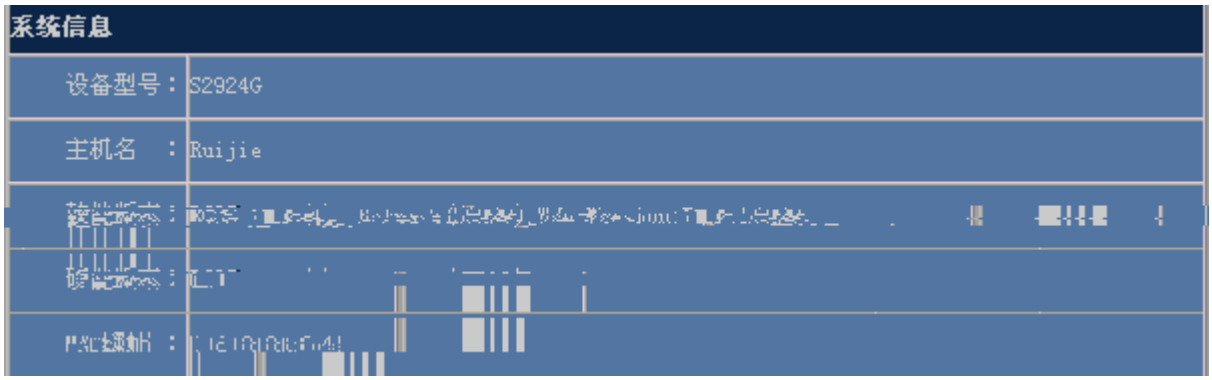
1-78



IP MAC Vlan

Mac VLAN ID “ ”

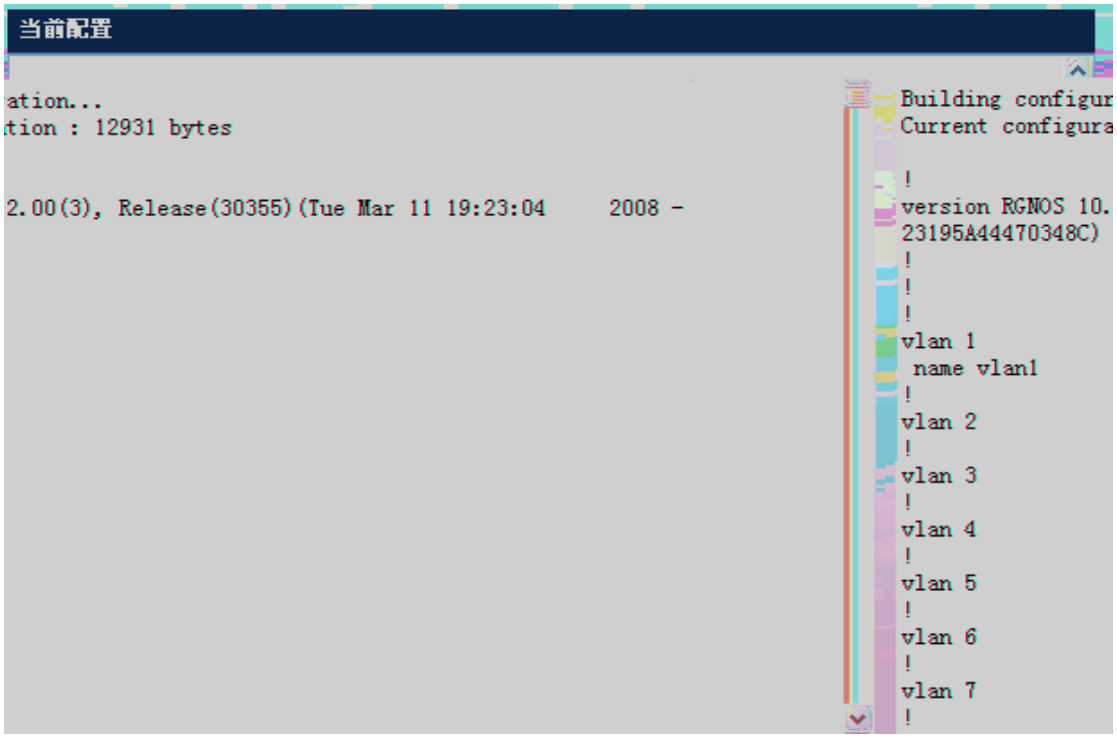
“ ”



1.8.2

“ ”

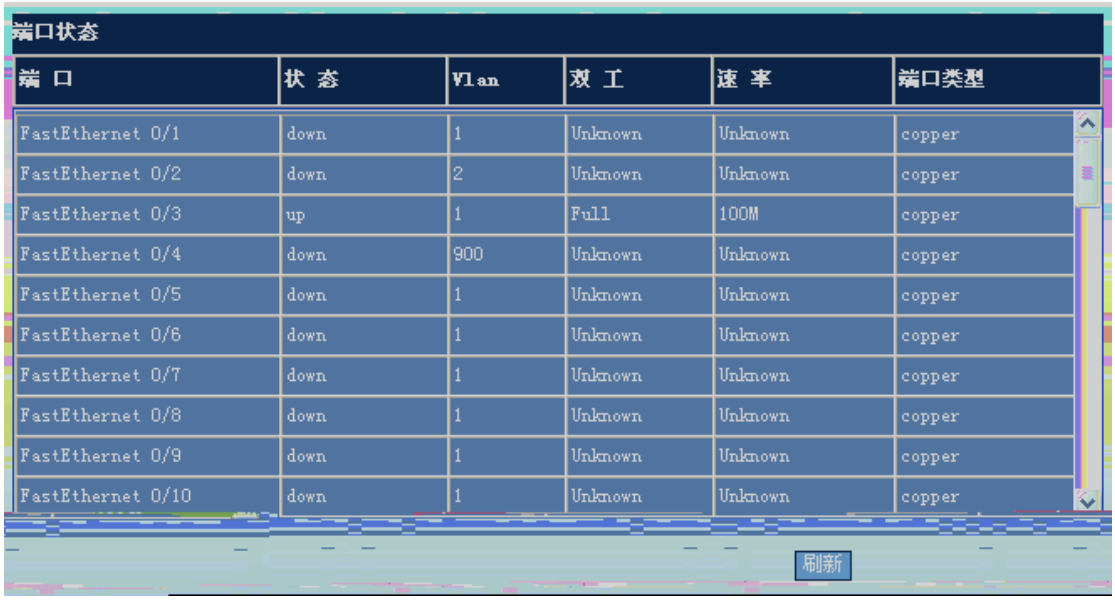
1-80



1.8.3

“ ”

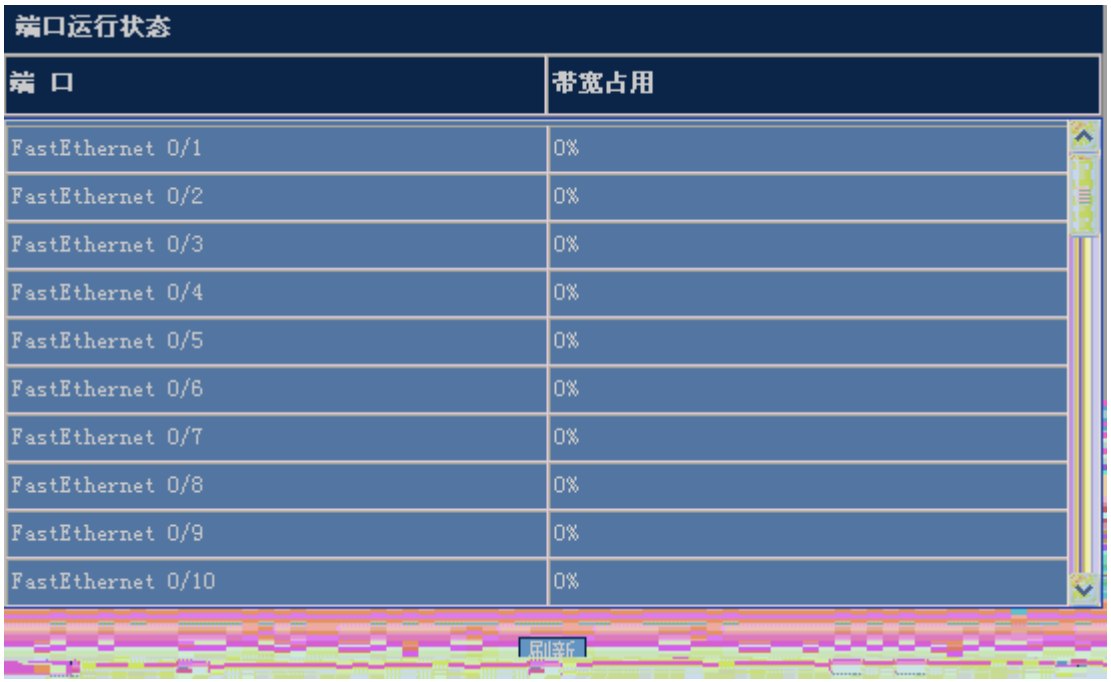
1-81


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

“ ”

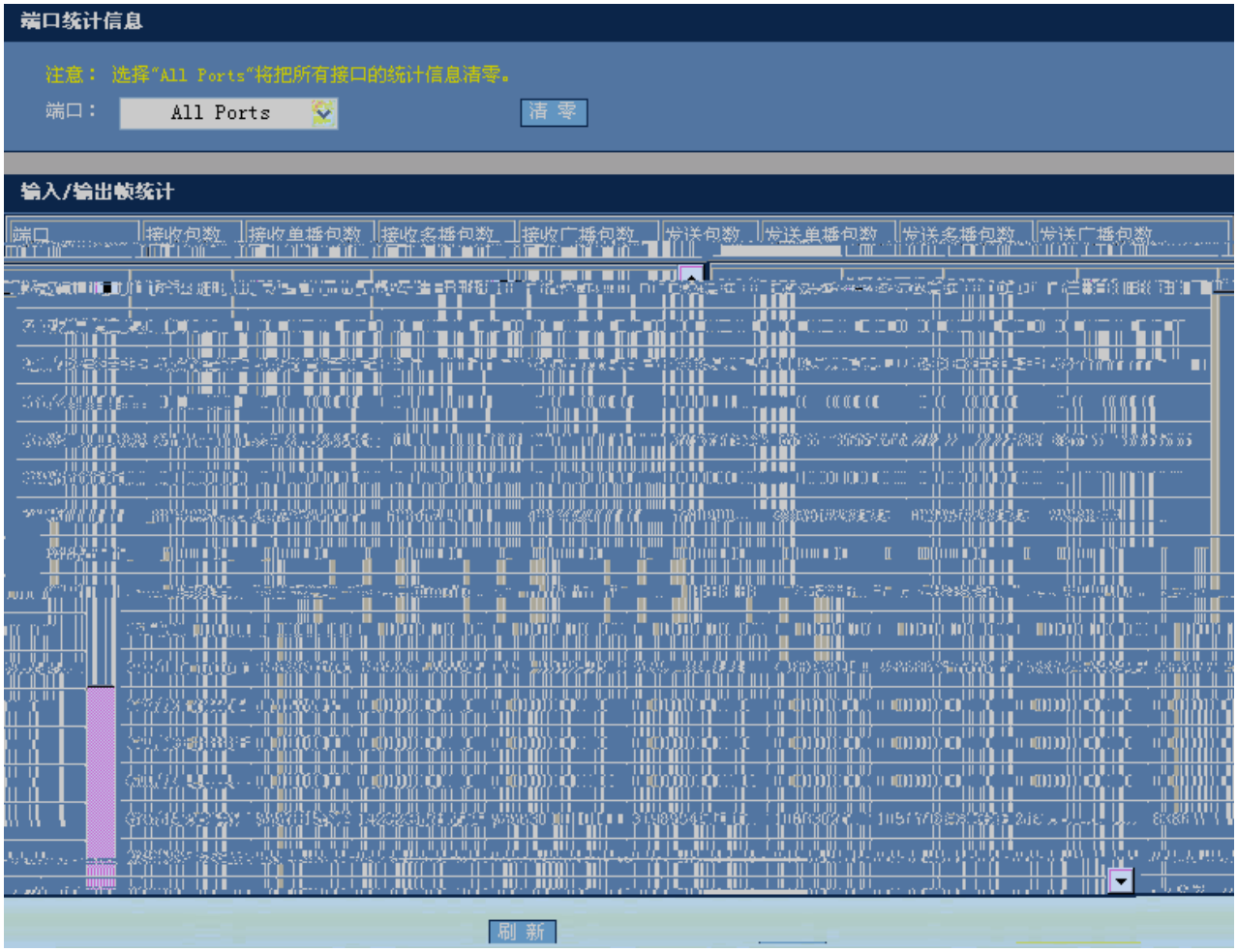
1-82


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

1.8.5

“ ”

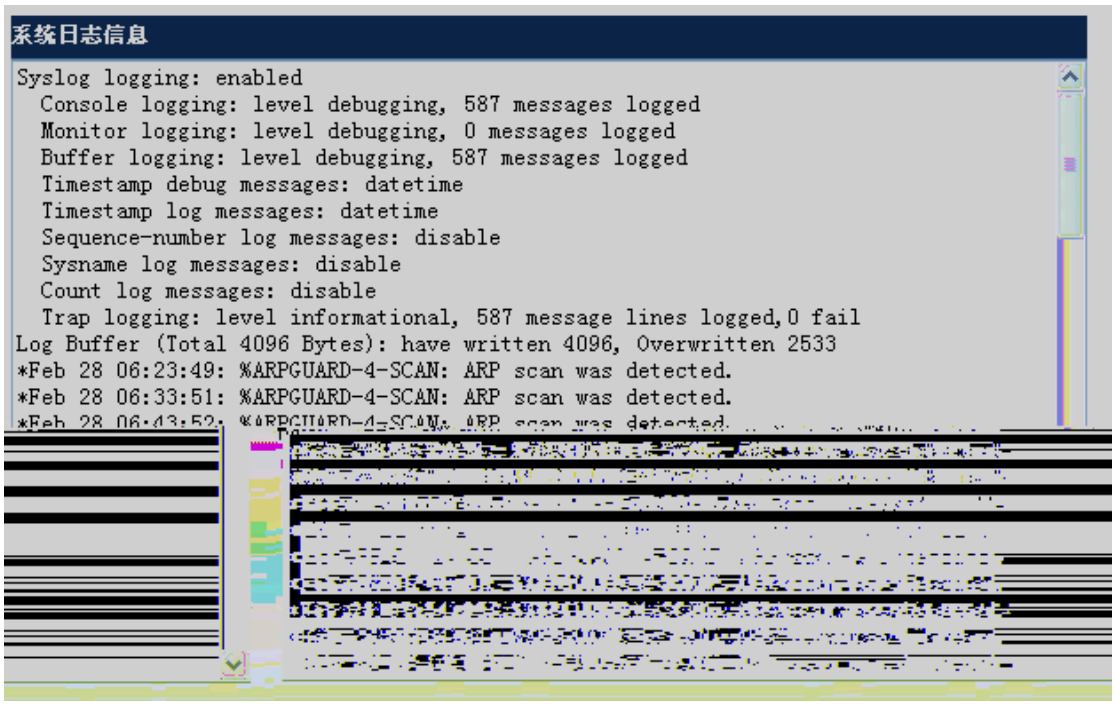
1-83


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

1.8.6

“ ”

1-84



1.9

1.9.1 Ping

“ Ping ”

Ping

1-85 Ping

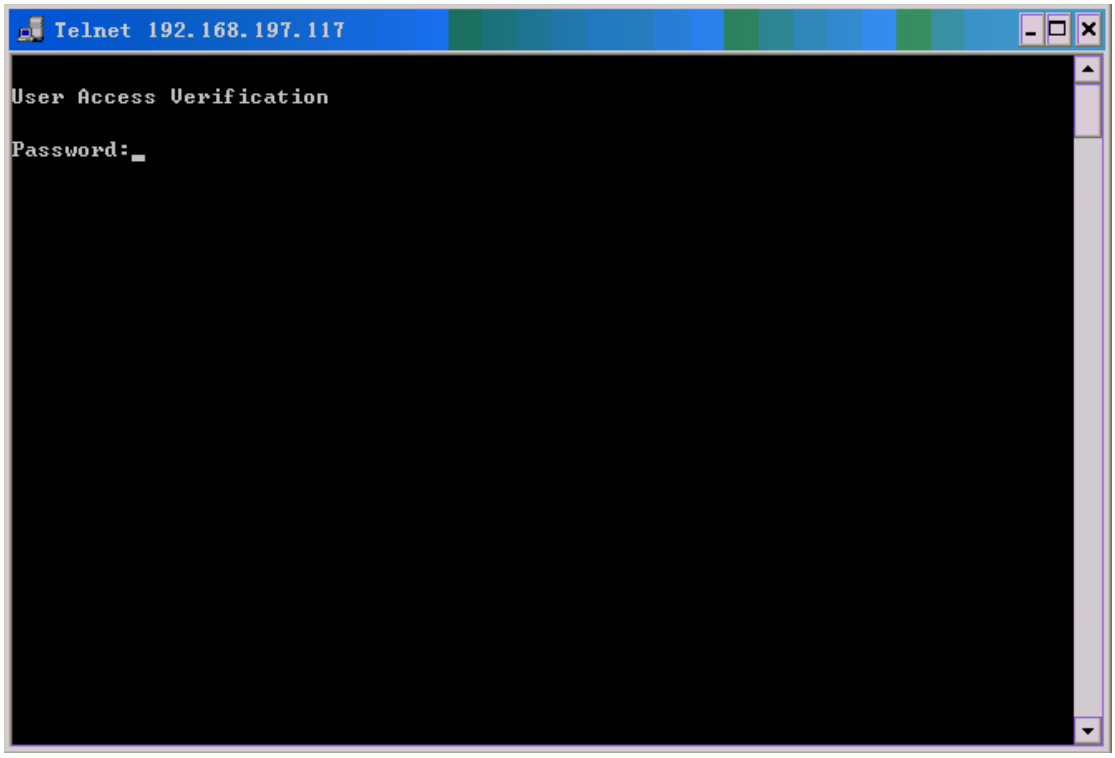
IP “ ” IP Ping

1.9.2 Telnet

“ Telnet ”

Telnet

1-86 Telnet

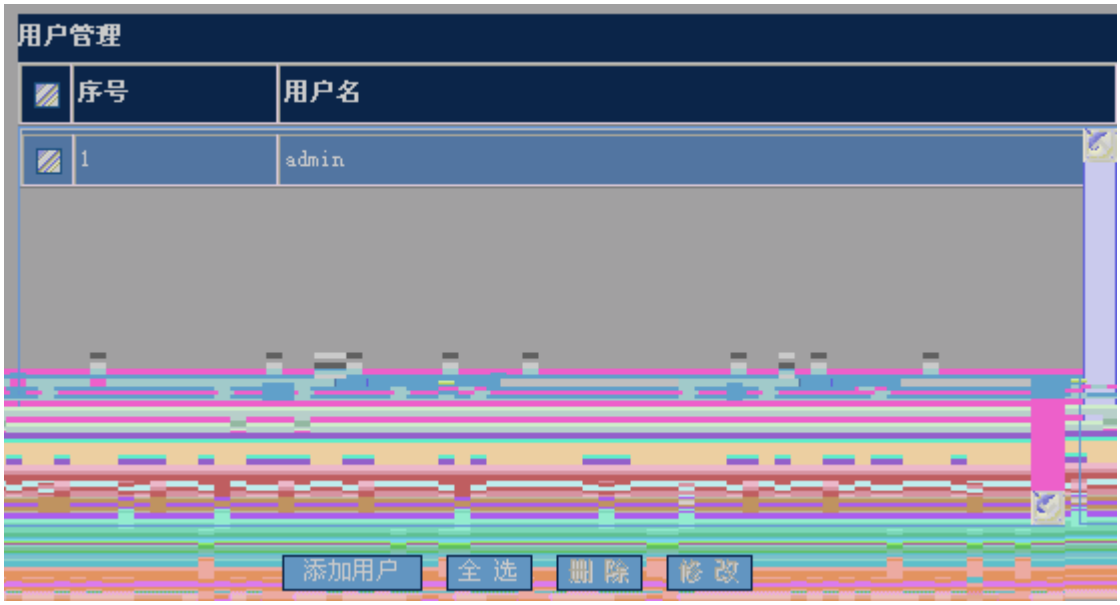


“ Telnet ” Telnet PC Telnet PC Telnet

1.9.3

“ ”

1-87


用户管理
序号
用户名
1
admin
添加用户
全 选
删 除
修 改

“ ”

1-88

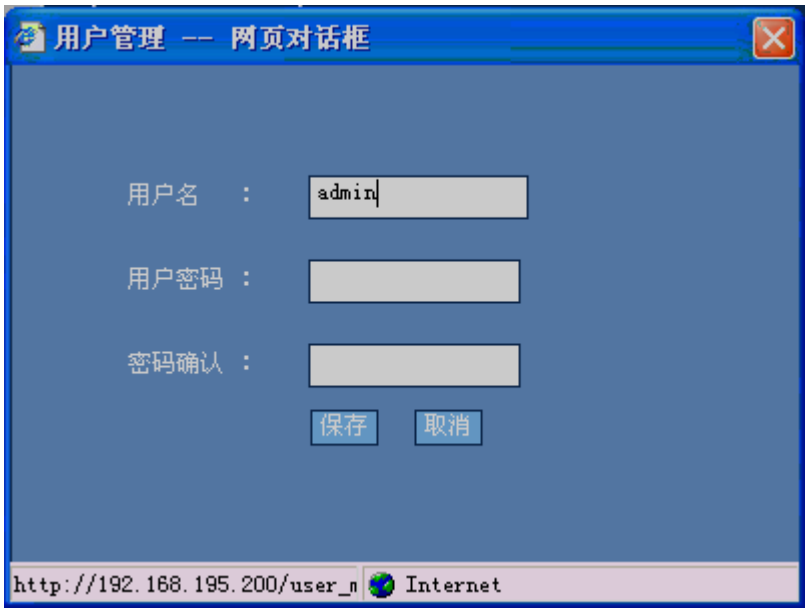

用户管理 -- 网页对话框
用户名 ：
用户密码 ：
密码确认 ：
保存
取消
http://192.168.195.200/user_m
Internet

“ ”

“ ”

“ ”

1-89

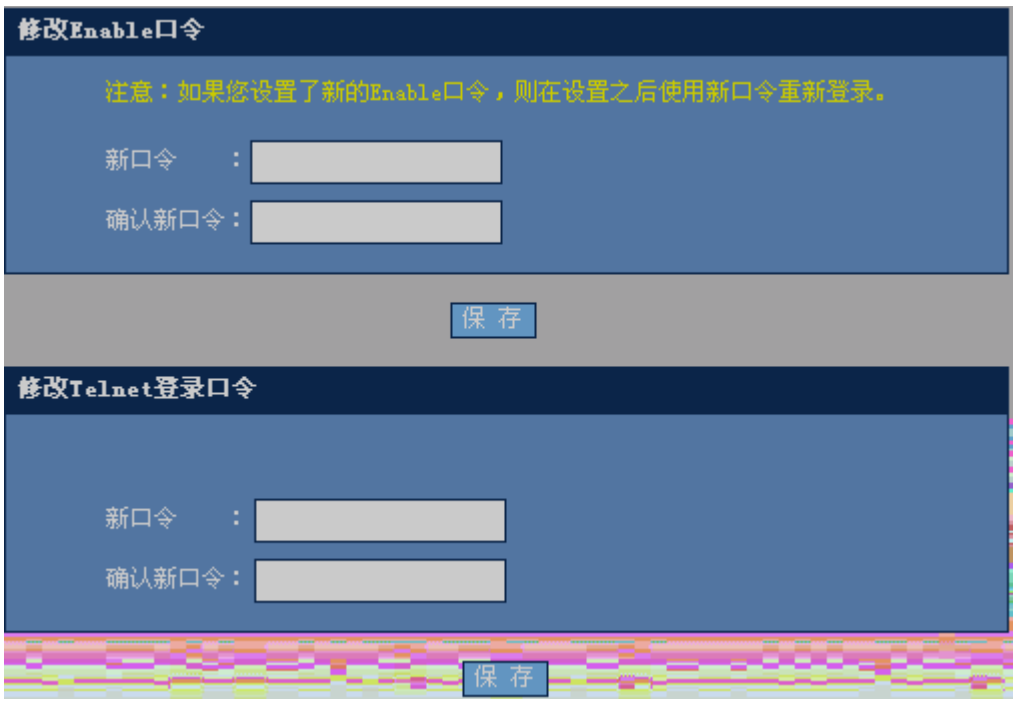

用户管理 -- 网页对话框
用户名 ：
admin
用户密码 ：
密码确认 ：
保存
取消
http://192.168.195.200/user_n
Internet

“ ”

1.9.4

“ ”

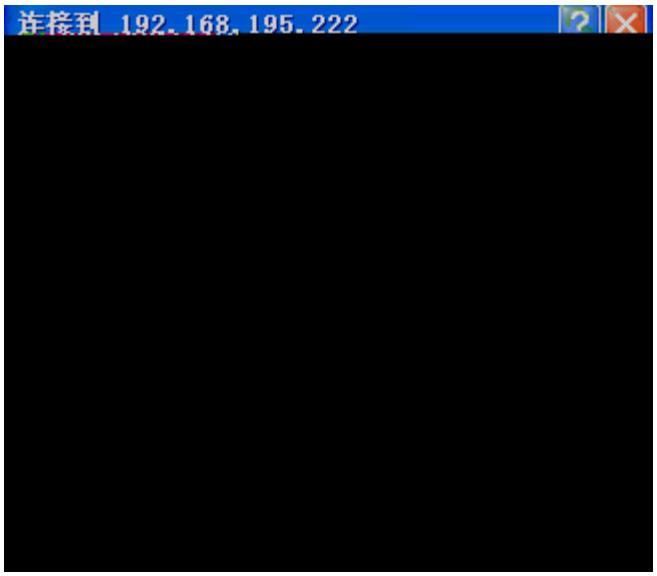
1-90


修改Enable口令
注意：如果您设置了新的Enable口令，则在设置之后使用新口令重新登录。
新口令 ：
确认新口令：
保 存
修改Telnet登录口令
新口令 ：
确认新口令：
保 存

Enable

Enable “ ”

1-91



Telnet

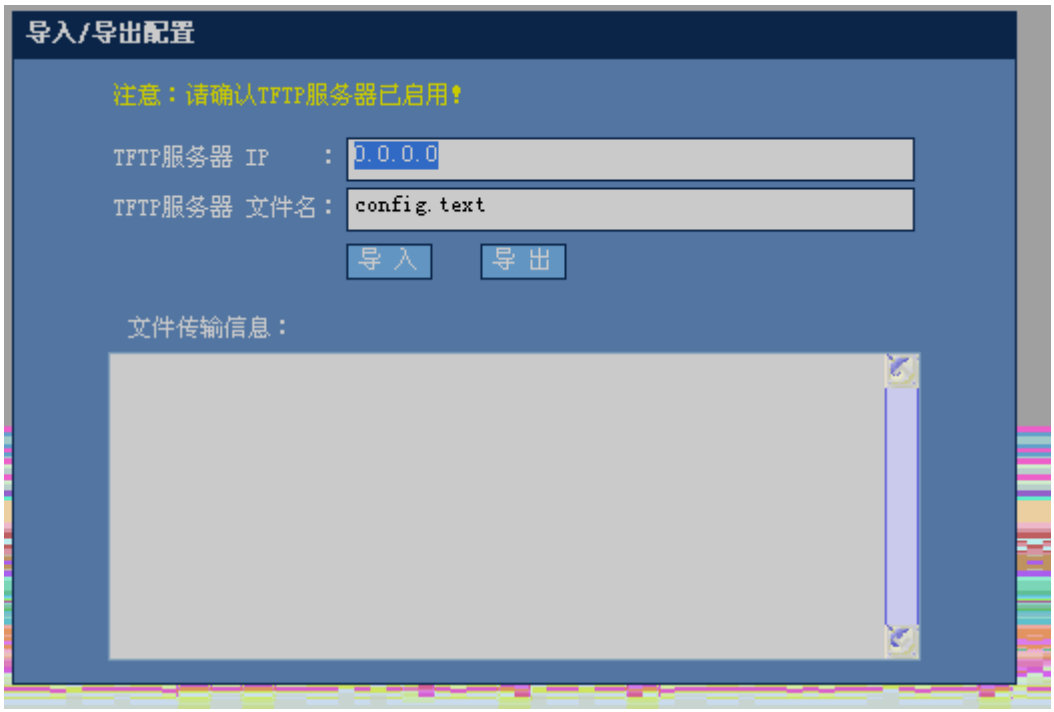
Telnet “ ”

1.9.5 /

“ / ”

/

1-92 /



config.text TFTP IP TFTP “ ”

config.text ξ Ɗ F TP ξ Ɗ F TP N ʊ

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

```
```

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
```