WEB

RG-AS3GT

RGOS 10.4(3b16)p5

V1.0

ˊY Đ RGOS 10.4 (3b16)p5

ᵛᴴ ↓ 2

2

2

http://www.ruijie.com.cn/

ضِ http://webchat.ruijie.com.cn

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

7 × 24 Ͱ 4008-111-000

ݠ http://bbs.ruijie.com.cn/portal.php

ỉ Ḥ service@ruijie.com.cn

ˊY O	
ج ˊY	ˊY جضِW غ ᴸ Đ ݜ ץ ỉ غ ݣ غ ą ‰ ↕
ج ˊY	ˊY ج ٳ ٩ ỉ ỉ / ᴅ
ج ث פ ˊY	ˊY ج ث פ Ạ ˊ ث פ ᾰ غ ą ٧ ỉ ᵣ ᴅ

1) ث פ

ث פ

ᵣ ث פ ᵎ ث פ Ḡ ỉ № ע ᵣ

ᵣ ث פ ᾰ ث פ ٧ ٦ № ᵣ

[ ] [ ] № ضيث פ ˜

{ x | y | ... } ɾ ů

[x | y | ...] ɾ ů

// ĭ

2) ⅟

⅟ ضي ƀ ≢ ضر

---

3)

΄Υ ם № ο قمم ˜ ƀ ⅟ ج ο قمم

΄Υ № ם Ḥ ˜ Շ ἰ ج ↓ ṗ جقمم ἰ ɼ Ḥ ɣ ą Ḥ ‰

΄Υ ĭ كج ĭ كج يحج ٩ كج ɣ ĭ ٧

1 WEB

1.1 WEB

WEB IE

1-1

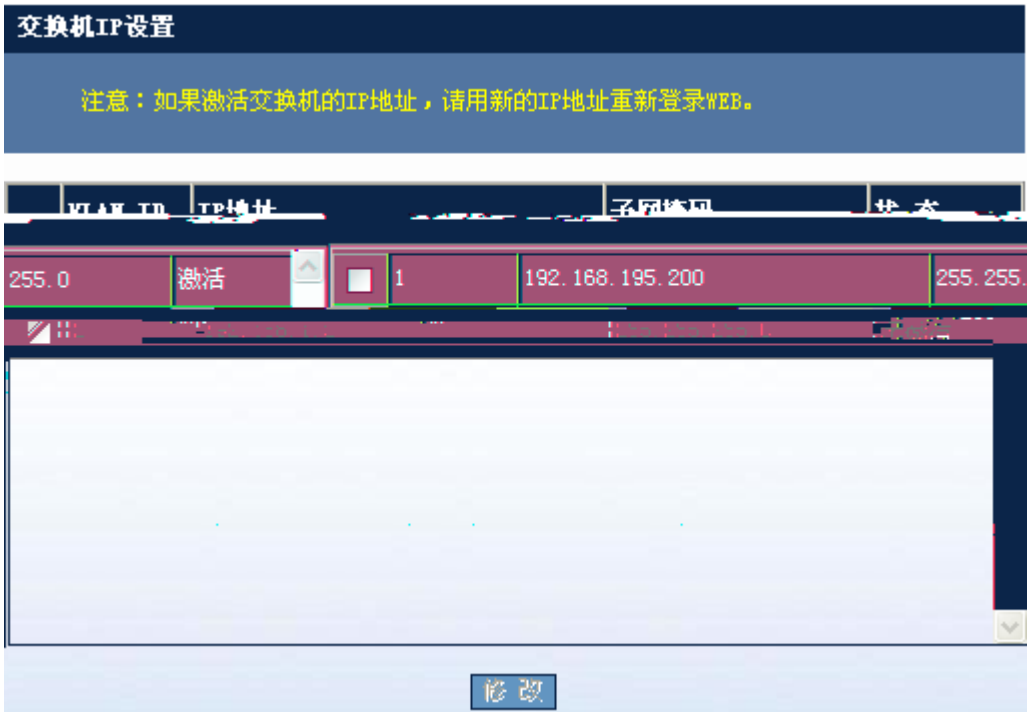
1-2

WEB

1-3 WEB

1.5

1.5.1



ќ ќ ip “ ќ ” U ₮

ъ 1-5 IP ќ

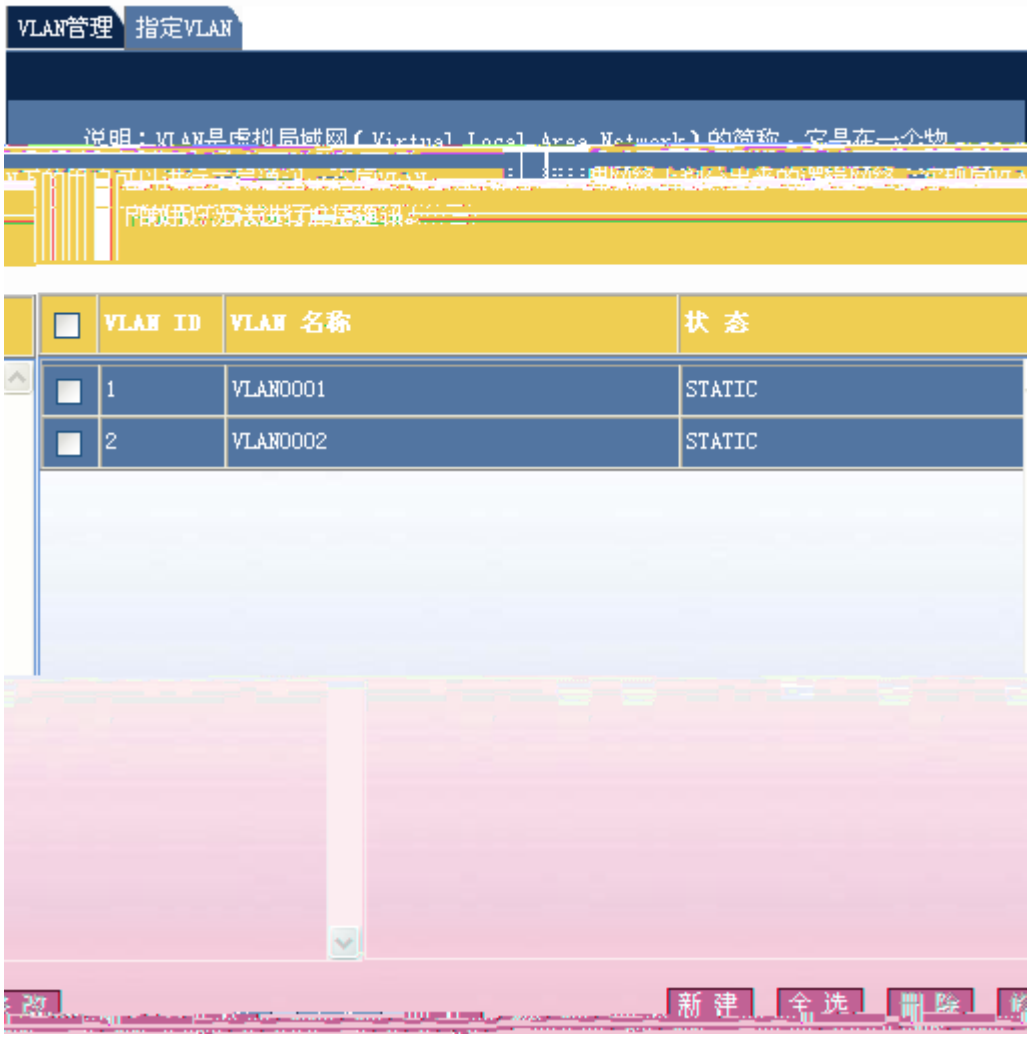
ˆ γ IP ضخ ă ќ ќ U “ Ḡ ” ą

1.5.2 VLAN

ч “ VLAN ” ą w

VLAN

ъ 1-6 VLAN

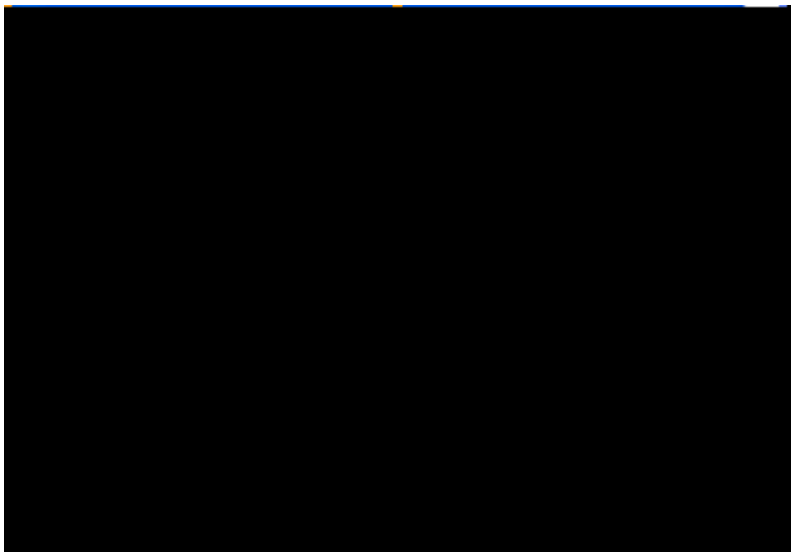


VLAN

~ U ώ ╠ VLAN Ḥ ˜ γ – ḱ VLAN ᵖ VLAN –

Ð ρ “ ” U ₹

ъ 1-7 VLAN

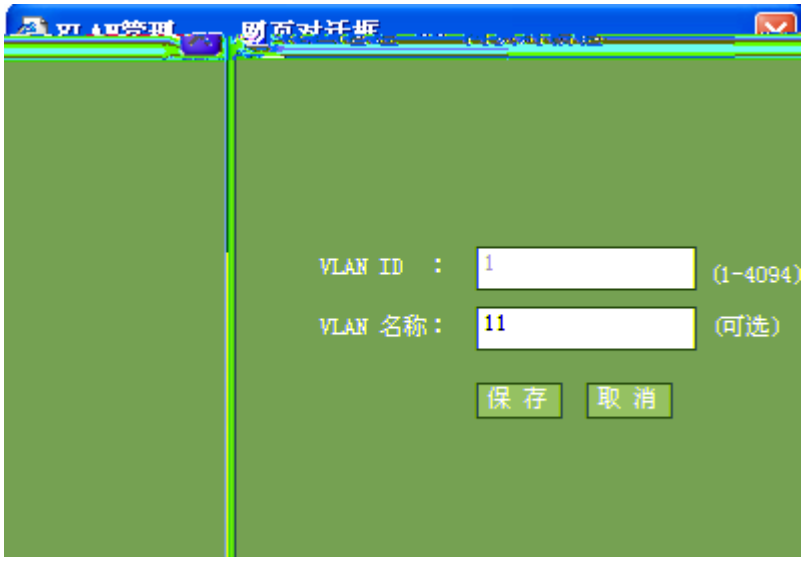


˜ VLAN ID ę VLAN O ˜ U “ Ḡ ” ą w U VLAN ضي VLAN

– – VLAN U “ – ” ą

ḱ ḱ VLAN ₇ U “ ḱ ” ₹

يح 1-8 ḱ VLAN



ḱ VLAN Ḥ ψ ضي ỉ ḱ U “ Ḡ ” ą ḱ U ضي VLAN

VLAN

يح 1-9 VLAN

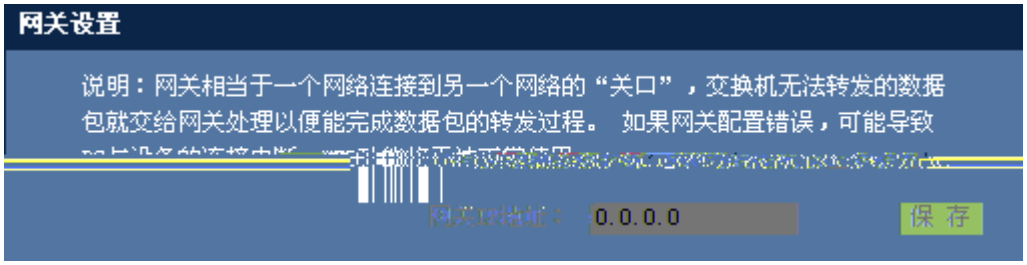
o ė VLAN ID o U “ Ḡ ” ą

1.5.3

ㅓ “ ᵀ ”ą w w

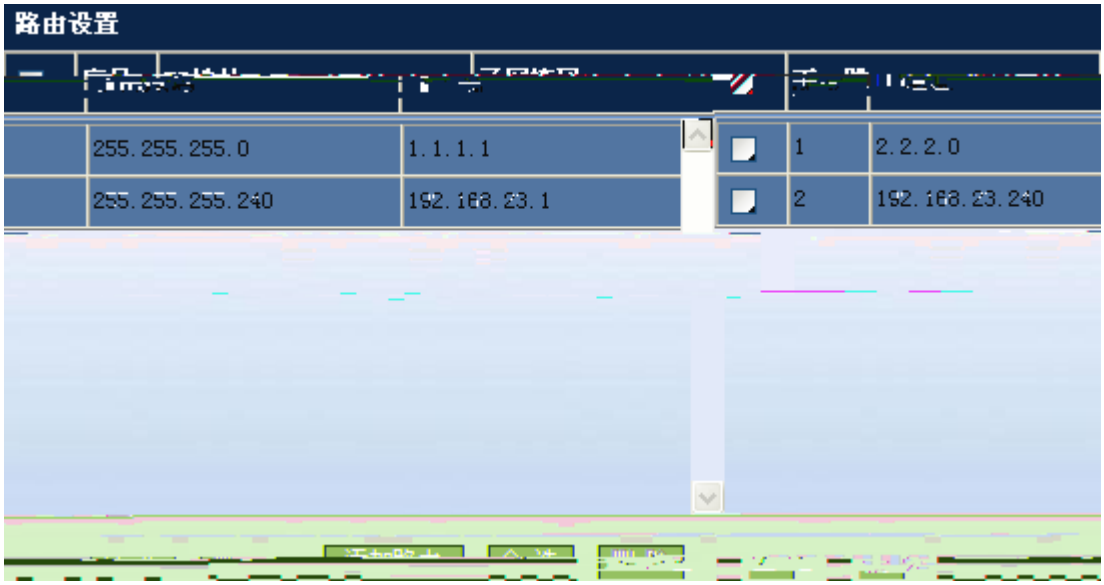
ᵀ

ㅊ 1-10 ᵀ

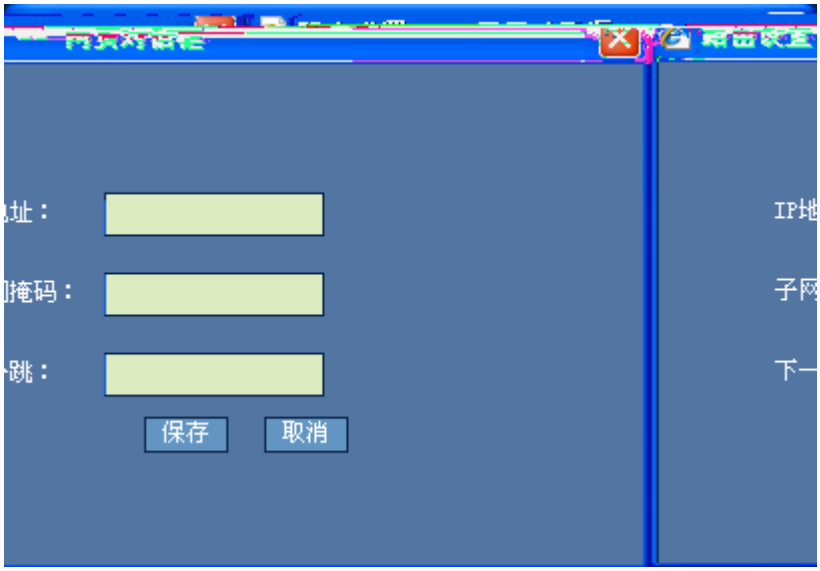

网关设置
说明：网关相当于一个网络连接到另一个网络的“关口”，交换机无法转发的数据
包就交给网关处理以便能完成数据包的转发过程。 如果网关配置错误，可能导致
0.0.0.0
保 存

1.5.4

1-11


路由设置
255.255.255.0
1.1.1.1
1
2.2.2.0
255.255.255.240
192.168.23.1
2
192.168.23.240

1-12



1.5.5

ώ o U Ꝑ o ╠ “ Ḡ ” ą o o
□ o Ψ ↓ˆ ˆ ϒ Ψ “ – o ” – o

1.5.6

ϒ “ o ” ą W

o

ϫ 1-14 ˜

˜ Ɣ ο ~ Ɣ ǐ ضِ ο ~ ṿ ˆ Ɣ ο
ỉ ˀ 2 n ο ṿ U “ Ḡ ” ą ο Ḡ
ŭ ο “ ŭ ŋ ” ą

ﻱ 1-15 ₹


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 0/9
GigabitEthernet 0/10
GigabitEthernet 0/11
取消全部输出限速
保存

1.5.7


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

U “ Ḡ ” ą

o

o “ ” ₹

ぇ 1-17 o

2 o ... o ˆ U “ Ḡ ” ą 2 o ì ... o 2 ↕
2 o ╠

– ... o

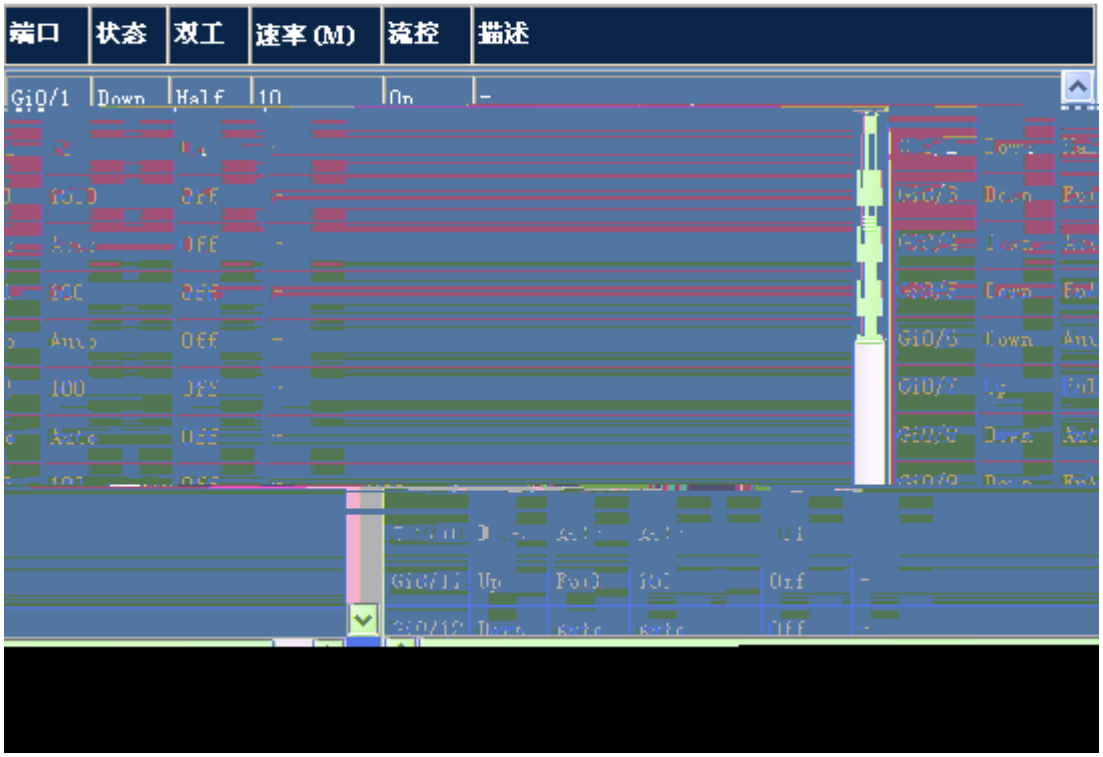
– ... o ... o ╠ U “ – ” ą

1.5.8

ч “ o ” ą w

o

ﾝ 1-18 o



1.5.9 DHCP

DHCP

1-19 DHCP

1.5.10 IGMP Snooping

IGMP Snooping

1-20 IGMP Snooping

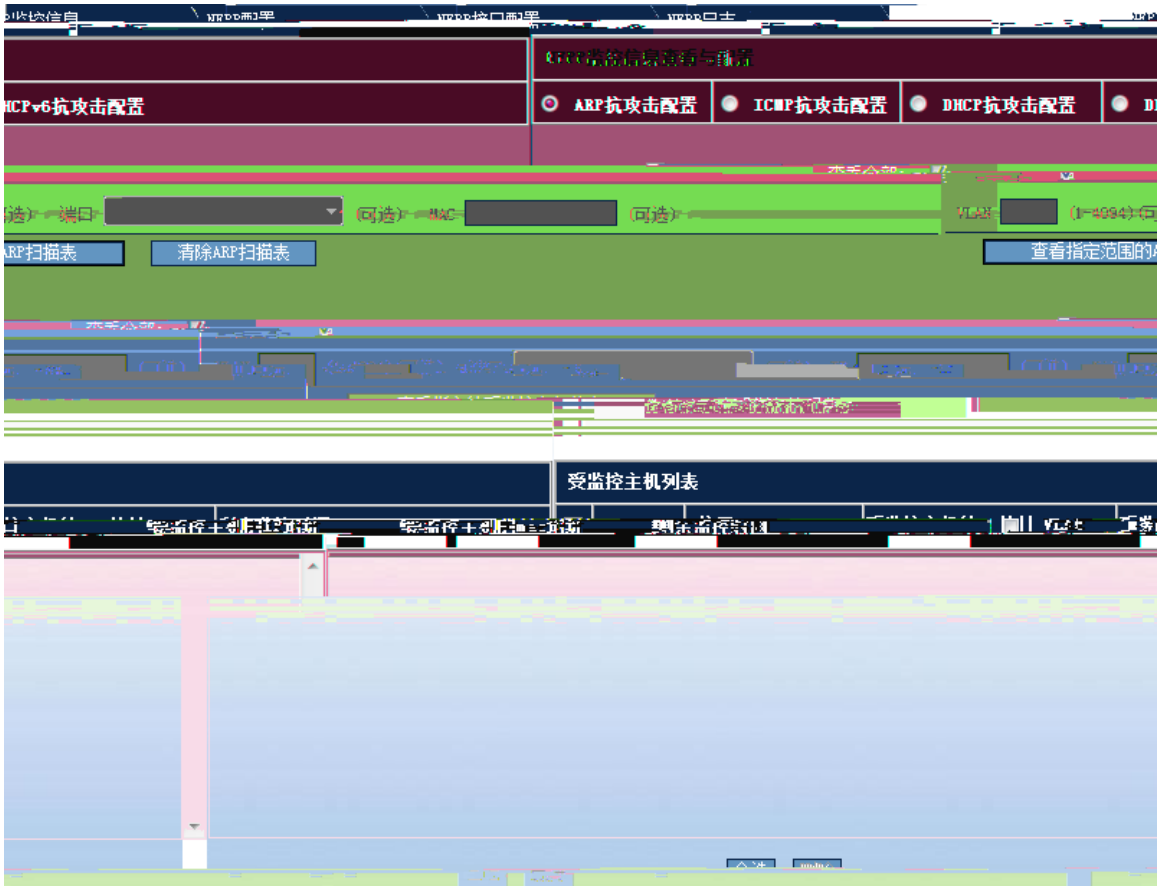
ϱ SNMP ш " ϱ SNMP " ˧ ˜ ү ﺠﻓ ꞅ O Ὼ ᾰ̈ U " Ḡ " ą ˜ SNMP ш " ˜ SNMP " ˧ U " Ḡ " ą – ﺠﻓ ꞅ O – U " – " ą

1.5.13 NFPP

˧ " NFPP " ą ш

NFPP Ḥ

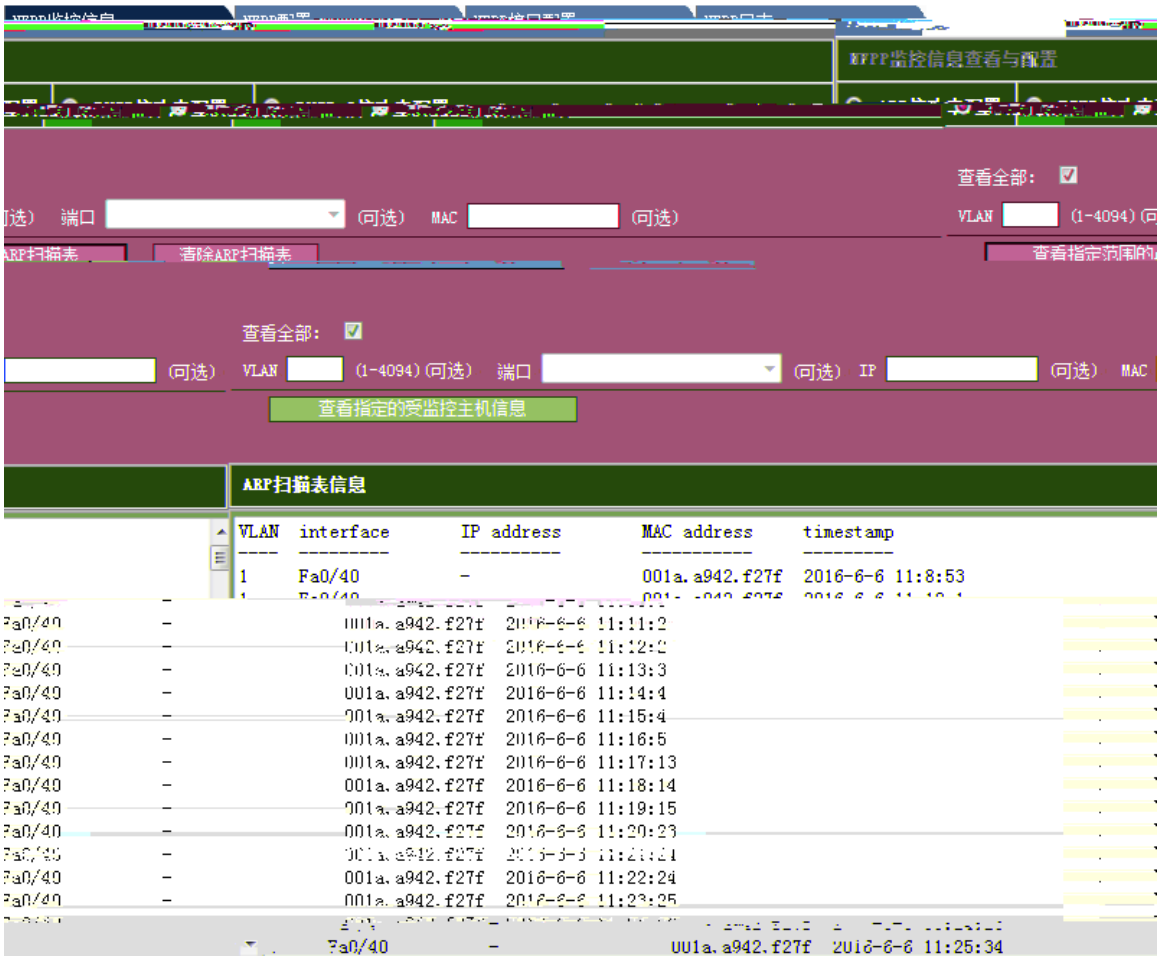
ﯾﺞ 1-23 NFPP Ḥ



NFPP

1) ARP

1-24 NFPP —ARP


查看全部:
端口
(可选)
MAC
(可选)
VLAN
(1-4094)
清除ARP扫描表
查看全部:
(可选)
VLAN
(1-4094)
(可选)
端口
(可选)
IP
(可选)
MAC
查看指定的受监控主机信息
ARP扫描表信息
VLAN interface IP address MAC address timestamp
1 Fa0/40 - 001a.a942.f27f 2016-6-6 11:8:53
Fa0/40 - 001a.a942.f27f 2016-6-6 11:13:3
Fa0/40 - 001a.a942.f27f 2016-6-6 11:14:4
Fa0/40 - 001a.a942.f27f 2016-6-6 11:15:4
Fa0/40 - 001a.a942.f27f 2016-6-6 11:16:5
Fa0/40 - 001a.a942.f27f 2016-6-6 11:17:13
Fa0/40 - 001a.a942.f27f 2016-6-6 11:18:14
Fa0/40 - 001a.a942.f27f 2016-6-6 11:19:15
Fa0/40 - 001a.a942.f27f 2016-6-6 11:22:24
Fa0/40 - 001a.a942.f27f 2016-6-6 11:25:34

ARP

ICMP Ð Ḥ Ì Ḥ Ð “ Ḥ к ” ↕ ...
Ḥ к Ḥ ב ~ IP ض ي غ Ð “ Ḥ к ” ↕ ض ṗ ∀
~ ⌈ Ḥ к ↓ Ð“ ض Ì Ḥ ” ↕ ... ă Ì Ḥ ’ “
ɳ ” ↕ Ì Ḥ

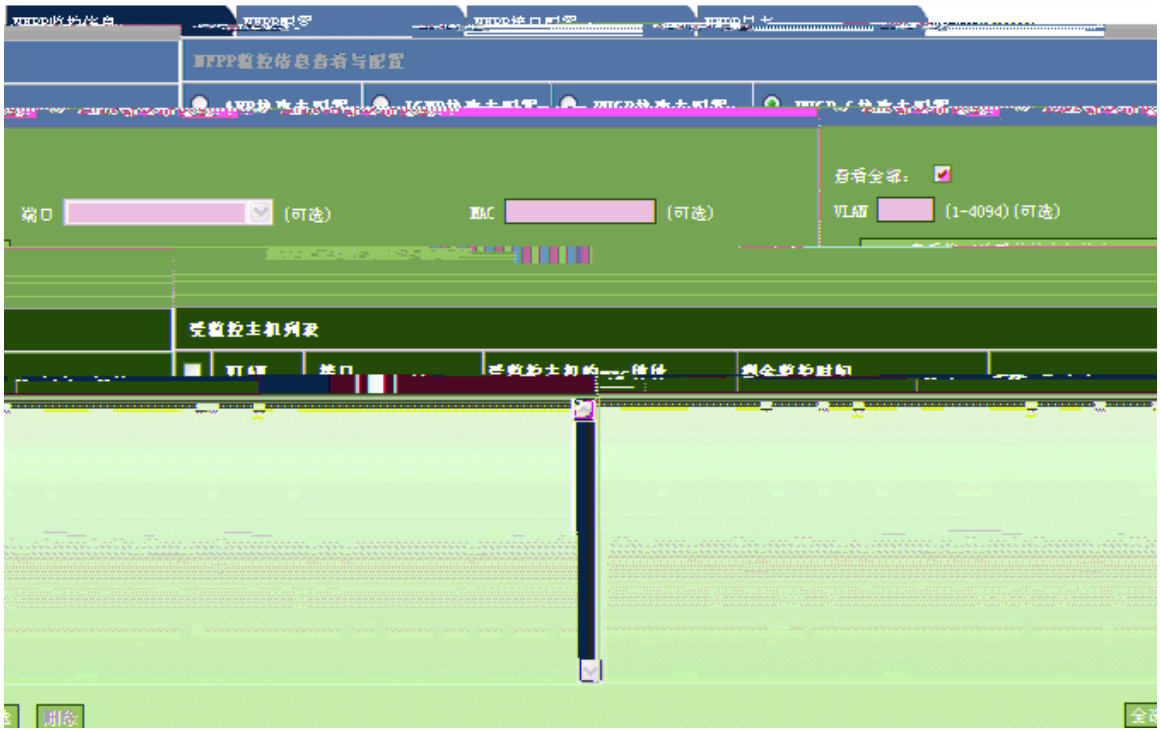
3) DHCP Ð

ב 1-26 NFPP Ḥ —DHCP Ð

DHCP Ḍρ Ḥ ⁻ Ỉ Ḥ Ḍρ “ ⁻ Ỉ Ḥ ” ↕ ¨ ǎ Ỉ Ḥ ˚ “ ŋ ” ↕ Ỉ Ḥ

4) DHCPv6 Ḍρ

⁻ 1-27 NFPP Ḥ —DHCPv6 Ḍρ



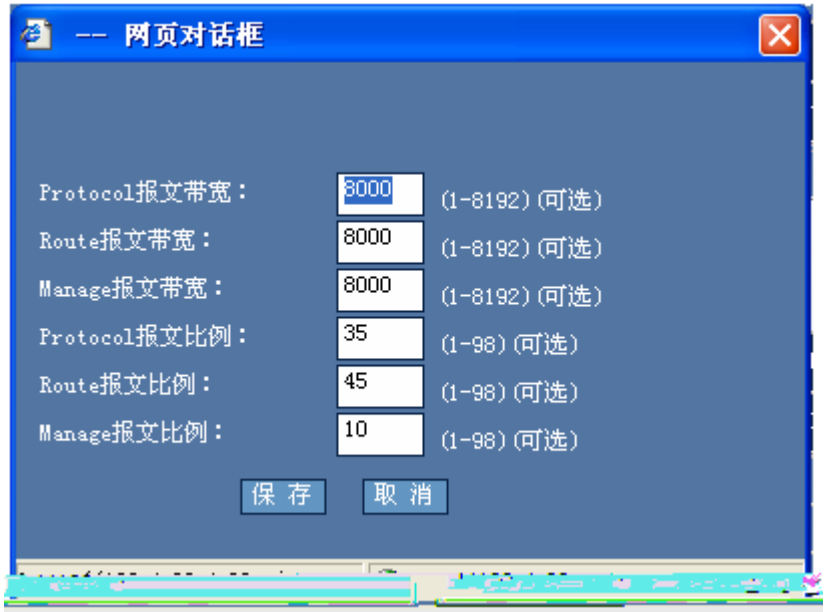
DHCPv6

NFPP

1-28 NFPP

1) CPU

1-29 CPU



CPU Ḡ ╠ ٪ ٨ ģ ٨ ᴰ Ḥ Ḓρ “ ḱ ” Ŧ ߿ ₒ
ǟ U Ḓρ “ Ḡ ” ą ض ǟ ↕ ǟ ḱ ↕ Ḡ ╠
ḯ

2) NFPP

ߊ 1-30 NFPP

NFPP ╠ ٪ ٦ Ḥ Ḓρ ↓ “ ” ↕ ٦ NFPP
Ḓρ “ ” ٦ NFPP Ḓρ “ ḱ ” Ŧ ߿ ₒ
٦ ǟ U Ḓρ “ Ḡ ” ą ض ǟ ↕ ǟ ḱ
↕ Ḡ ╠ ḯ

NFPP

1) ARP Ḓρ

ߊ 1-31 NFPP Ḥ —NFPP ₒ ARP

ARP Ð ο NFPP ב ο ă U Ð “ Ḡ ” ą
w U ψ ₮ w ض ă ↕ ṿ

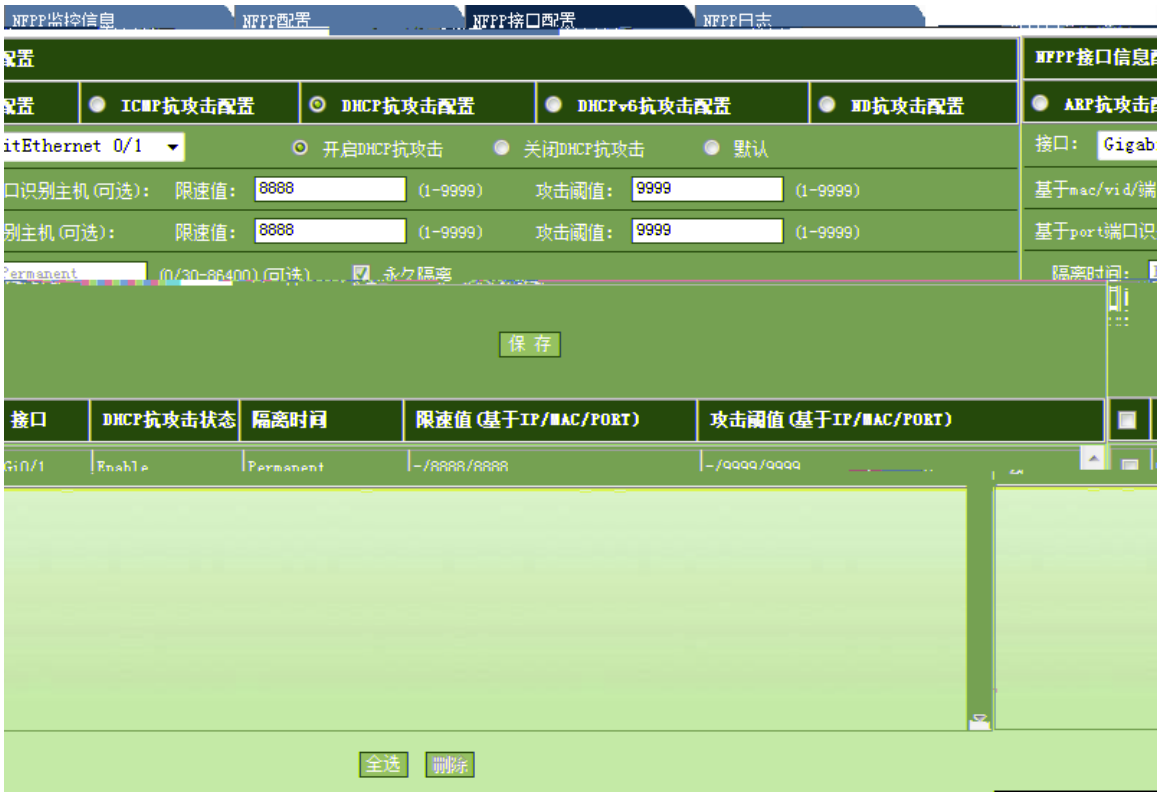
2) ICMP Ð

ב 1-32 NFPP Ḥ —NFPP ο ICMP

ICMP Ð ρ o NFPP ב o ă U Ð ρ " Ğ " ą
w U ψ ₮ w ض ă ↕ ų

3) DHCP Ð ρ

ב 1-33 NFPP Ḥ —NFPP o DHCP

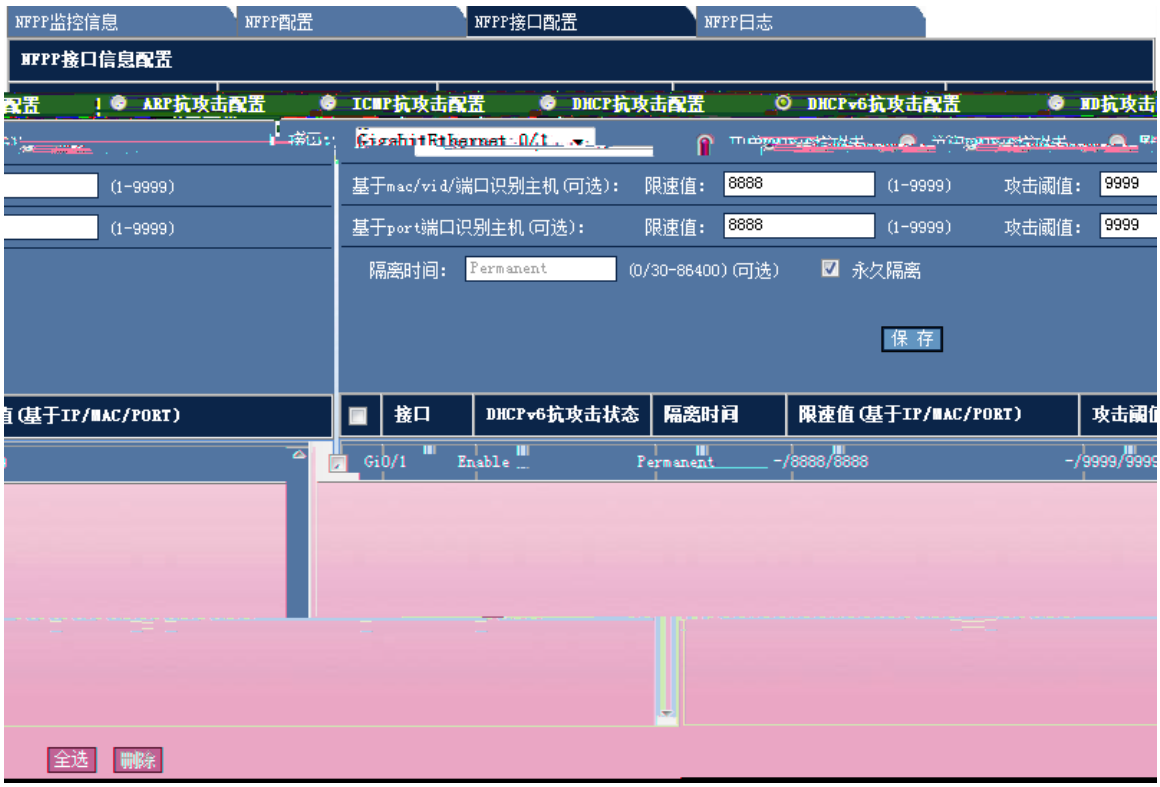


DHCP Ð ρ o NFPP ぇ o ă U Ð ρ “ Ğ ” ą

w U ψ ₮ w ض ă ↕ ų

4) DHCPv6 Ð ρ

ぇ 1-34ETBT1 0 0 1 78.18 3691 22B[728282259E}TETE18759E}5 T4BTE29.92 Tm[( )] /F1 9 Tf1 0 0 1 133.22 432.34 Tm[(23.44)] TETE



DHCPv6 Ð ρ o NFPP ъ o ă U Ð ρ “ Ğ ” ą

w U ψ ₹ w ض ă ↕ ų

5) ND Ð ρ

ъ 1-35 NFPP Ḥ —NFPP o ND

ND Ð ρ o NFPP ב o ă U Ð ρ " Ḡ " ą
W U ψ ₹ W ض ă ↕ ỵ

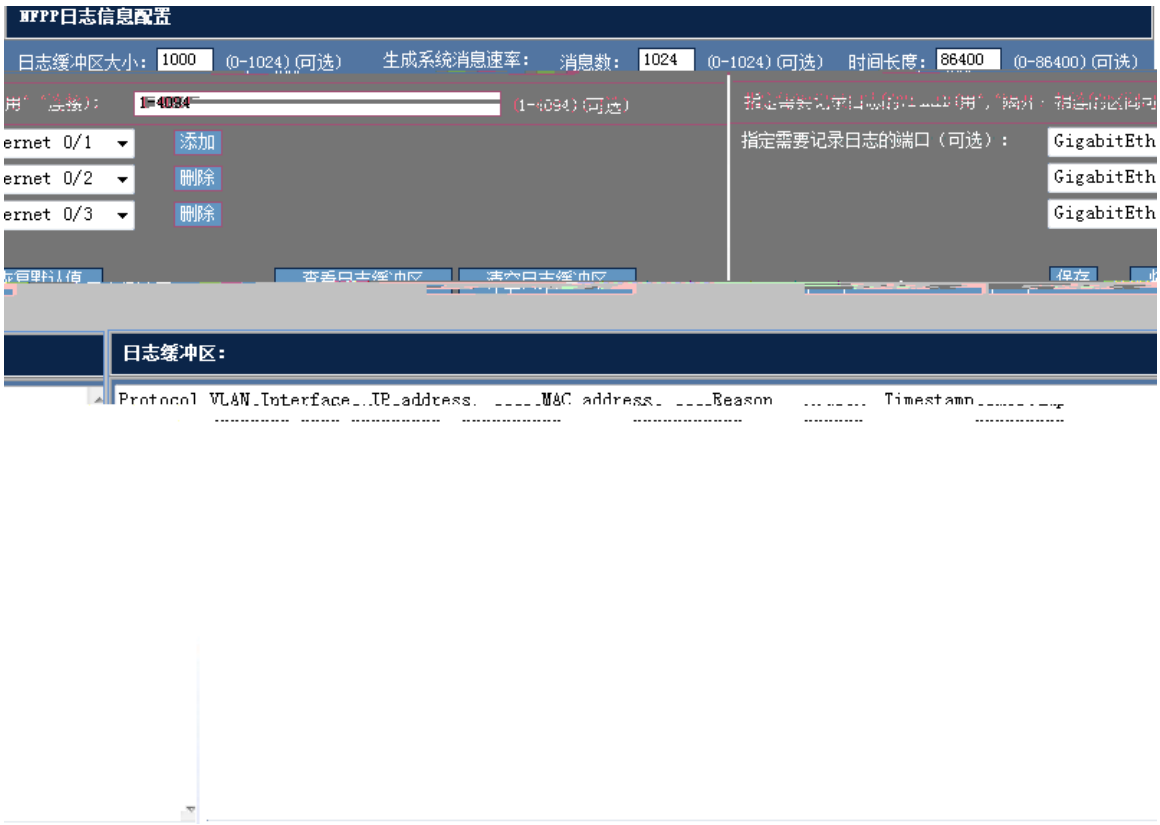
NFPP

ב 1-36 NFPP Ḥ


隔开，相连的区间可用"-"连接):
1-4094
(1-4094)(可选)
指定需要记录日志的VlanID(用","
GigabitEthernet 0/1
添加
指定需要记录日志的端口（可选）
GigabitEthernet 0/2
删除
GigabitEthernet 0/3
删除
保存
恢复默认值
查看日志缓冲区
清空日志缓冲区
需要记录日志的VLAN
需要记录日志的端口
缓冲区大小
1-4094
Gi0/1, Gi0/2, Gi0/3,
1000

NFPP

1-37



1.6

1.6.1 ARP

ARP

ARP

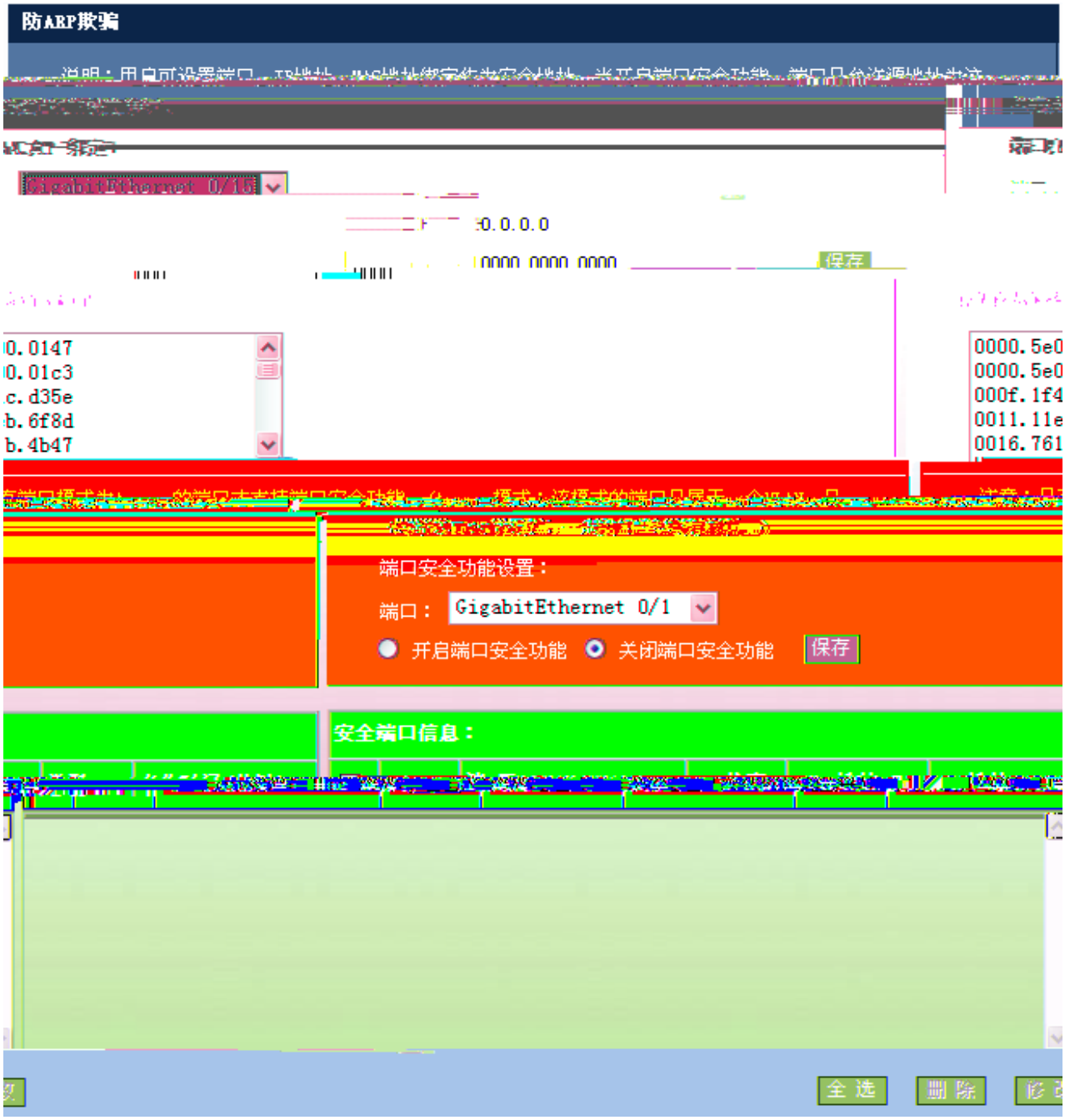
1-38 ARP

1.6.2 ARP

ARP

ARP

1-39 ARP



o /MAC/IP

o /MAC/IP o IP غ MAC U “ Ḡ ” ą

o ⌡ MAC ضخي ↕ Ψ ضي o ˜ ⌡ ضخي ₹ ىح GigabitEthernet 0/15

o U ↓ ₹ o ⌡ MAC ضخي

o ɳ w

o U o Ƣ o ɳ w ↕ Ƣ o ɳ w ۱ Ψ ĭ ↕ ˜

o ɳ w ۱ Ƣ o ɳ w ↕ Ψ ضي ɳ o Ḥ

ḱ ɳ o Ḥ

ķ o ŋ Ḥ ķ o U “ ķ ” ₹ ŋ o ķ

ᵓ

ᵓ 1-40 ķ ŋ o

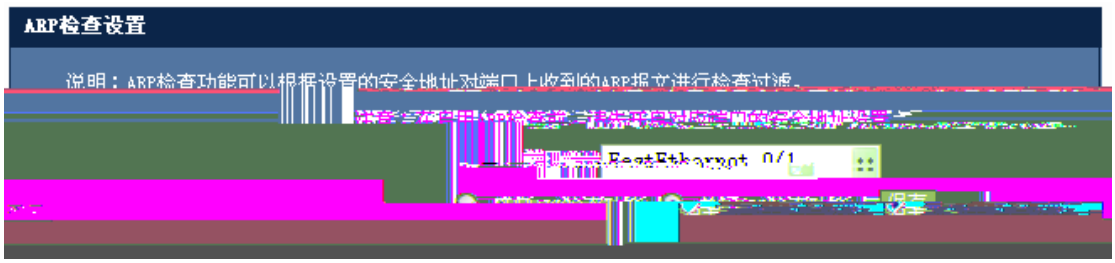
ķ ᵀ ă U “ Ḡ ” ą o ﻡ ⌟ ↕ ķ U o ﻡ

1.6.3 APR

ᵑ “ ARP ” ą w

ARP

ᵓ 1-41 ARP



o Ω w ↕ “ Ω ARP w ” ᵑ ᑐ ↕ “ ᵀ ARP w ”

ᵑ

1.6.4 ACL

ᵑ “ ACL ” ą w

ACL

ᵓ 1-42 ACL

ACL

ACL Ḥ ﻳﺪ ACL Ḥ ɾ ACL ↓ ACL U Ḃ Ψ ﺽ

₹ ACL ACE − ACE U “ − ” ą −

ACL “ ŋ ” U ACE “ − ” ą

ACL

‰ IP ↓ Ɗ ρ “ ‰ IP ↓ ” ч ﻳﺪ ‰ IP ↓

ﻳﺪ 1-43 ‰ IP ↓


显示ACL信息
ACL配置
将ACL应用于端口
ACL配置
配置扩展IP访问列表
禁止
(名称)：
(1-99)(1300-1999))
任意源IP地址
指定IP地址范围：
0.0.0.0
通配符掩码：
(可选)
保存

↕ ↓ ↕ “ ” “ ” ↕

↓ ID O ~ ↓ ~ ~ ~ ↓ O

TCP UDP IP ICMP

IP IP IP

IP IP IP

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

IP Source Guard

IP+MAC “ IP+MAC ( )”

IP

MAC MAC

VLAN VLAN ID

IP IP

1-47

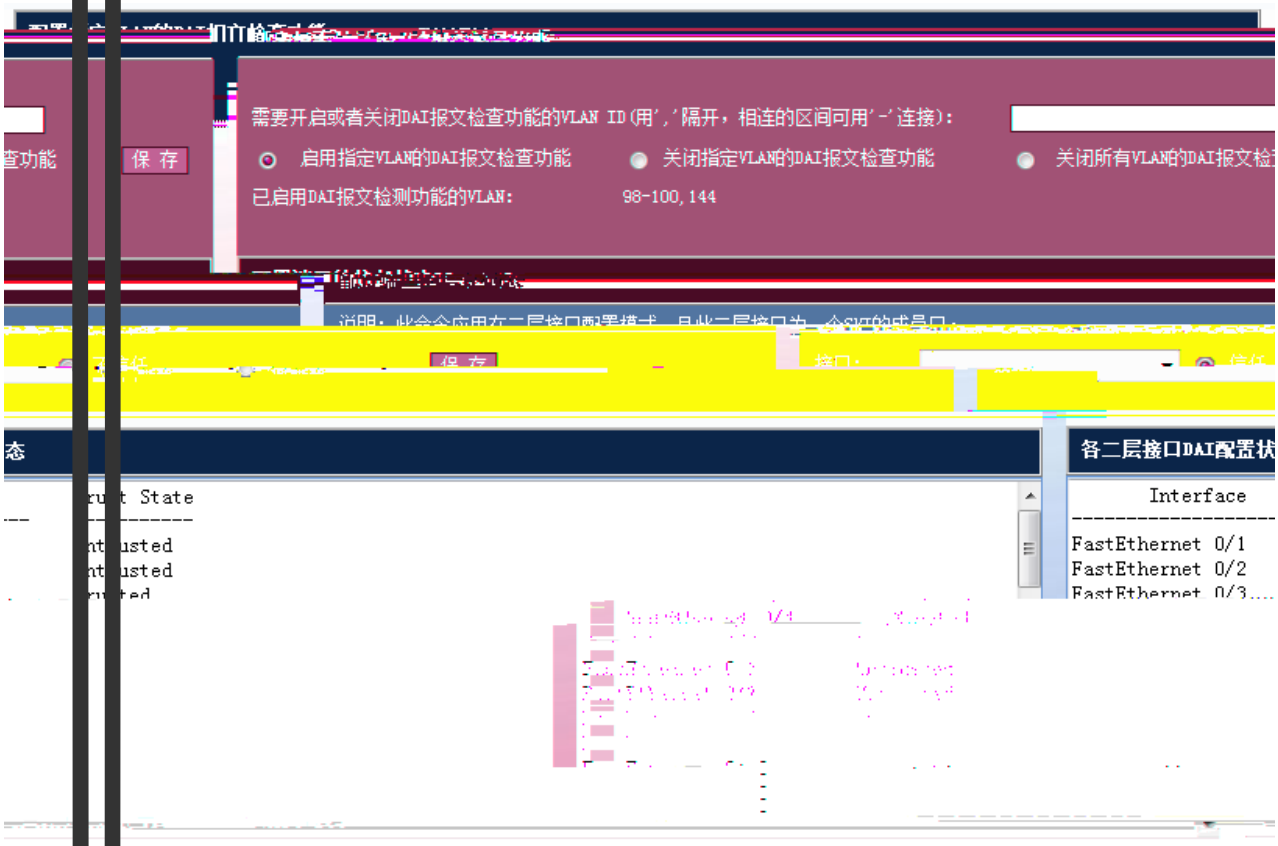
1.6.6 DAI

DAI Dynamic ARP Inspection ARP ARP arp

“ DAI ”

DAI

1-48 DAI



DAI

VLA DAI

VLAN AI w

VLAN 100 D w vlan-id 100 ARP

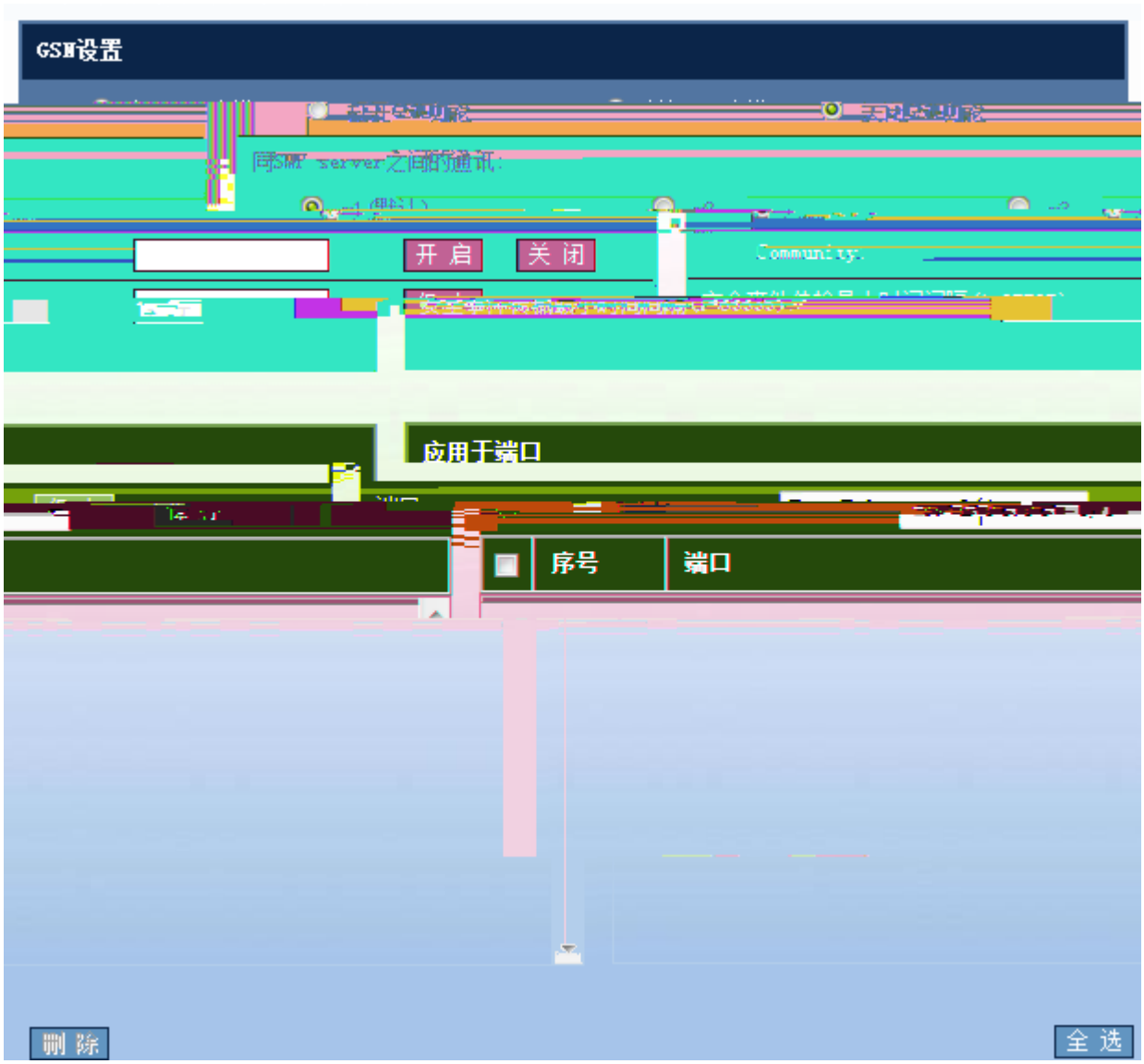
Vid K

1.6.7 GSN

ㄐ “GSN”ą w

GSN

ㄡ 1-49 GSN

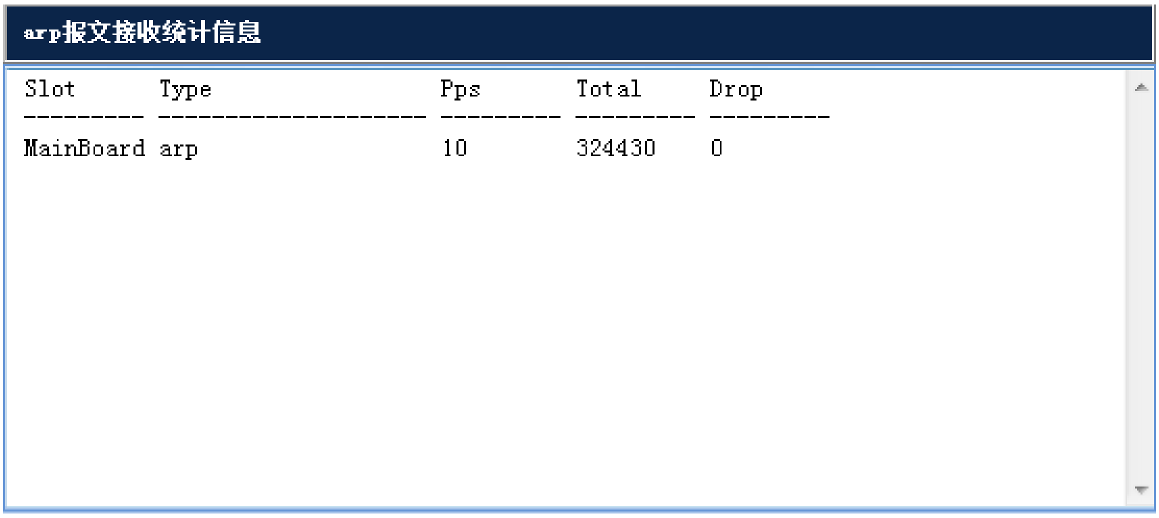


ㄒ GSN w

Đρ GSN ╠ ㄐ Ω GSN Đρ ㄒ GSN ╠ ㄐ ㄒ GSN

SMP server

SMP server v1 v2 v3 ˜ Community User ụ U Đρ“ Ḡ ”U ㄐ Ω Đρ“ }



arp报文接收统计信息

Slot	Type	Pps	Total	Drop
MainBoard	arp	10	324430	0

Ɗρ “ Ḥ ” ἑ п ῴ Ḥ ڃ

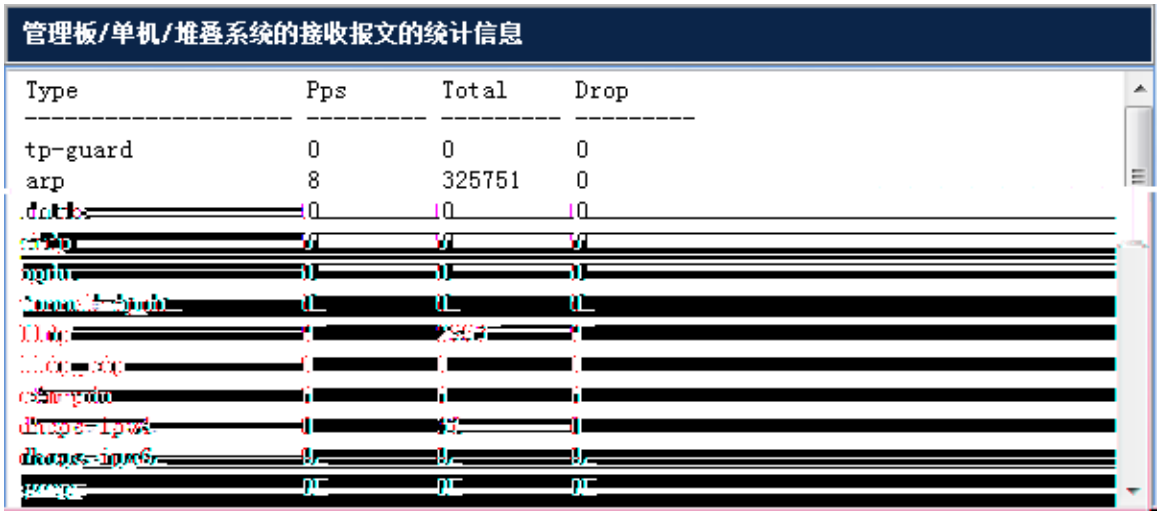
ڃ 1-52 ἑ п ῴ Ḥ

各类型报文的带宽和优先级配置状态

Type	Pps	Pri
tp-guard	180	7
arp	180	5
dot1x	2000	4
rldp	180	7
rerp	180	7
erps	180	7
bpdu	180	6
tunnel-bpdu	180	6
ipv4-icmp-local	1600	6
lldp	180	5
lldp_cdp	180	5

Ɗρ /ㅓ / ŋ Ḥ U “ ” /ㅓ / ŋ Ḥ ڃ

ڃ 1-53 /ㅓ / ŋ Ḥ

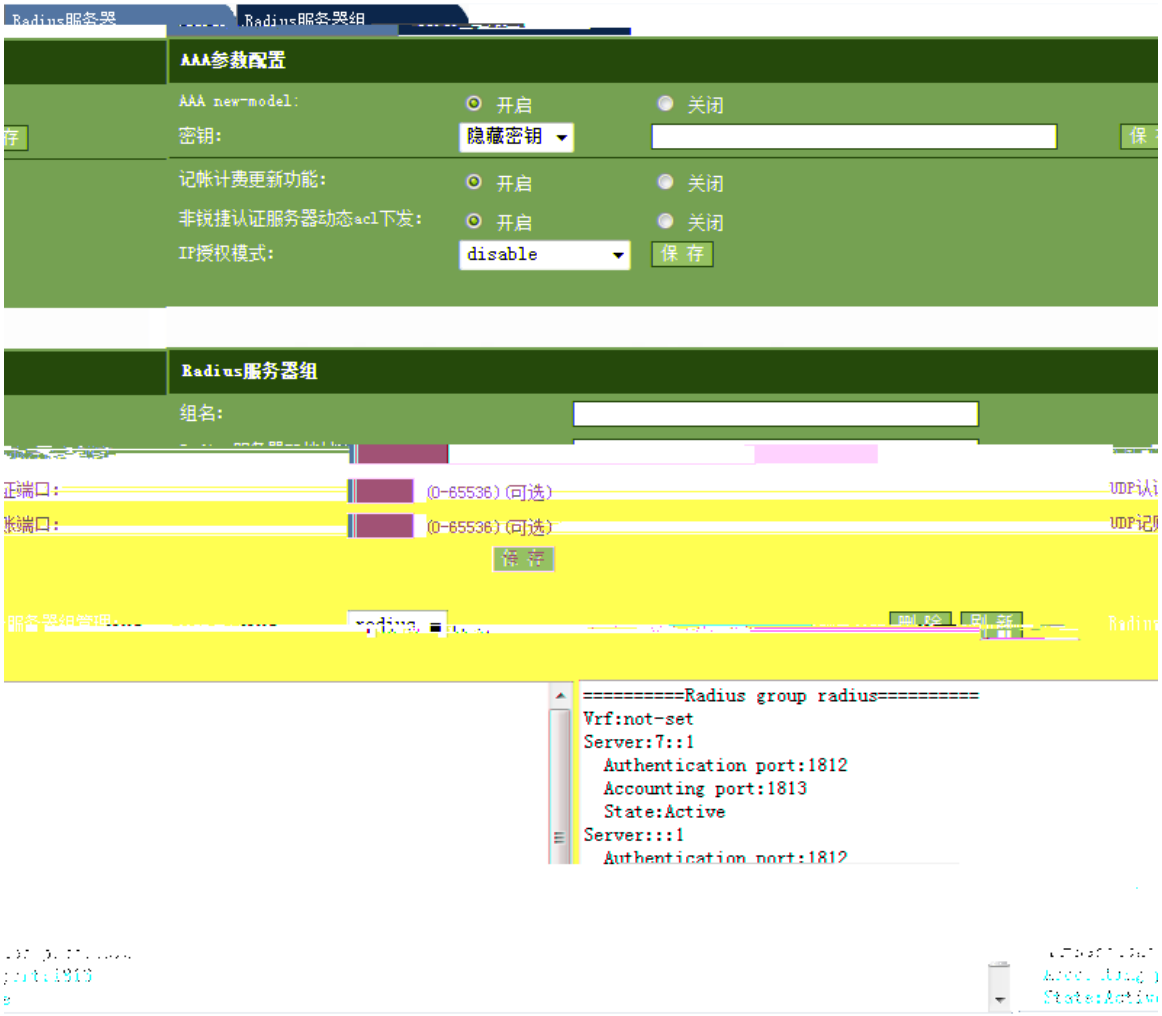


1.6.9 RADIUS

“RADIUS ”

RADIUS

1-54 RADIUS



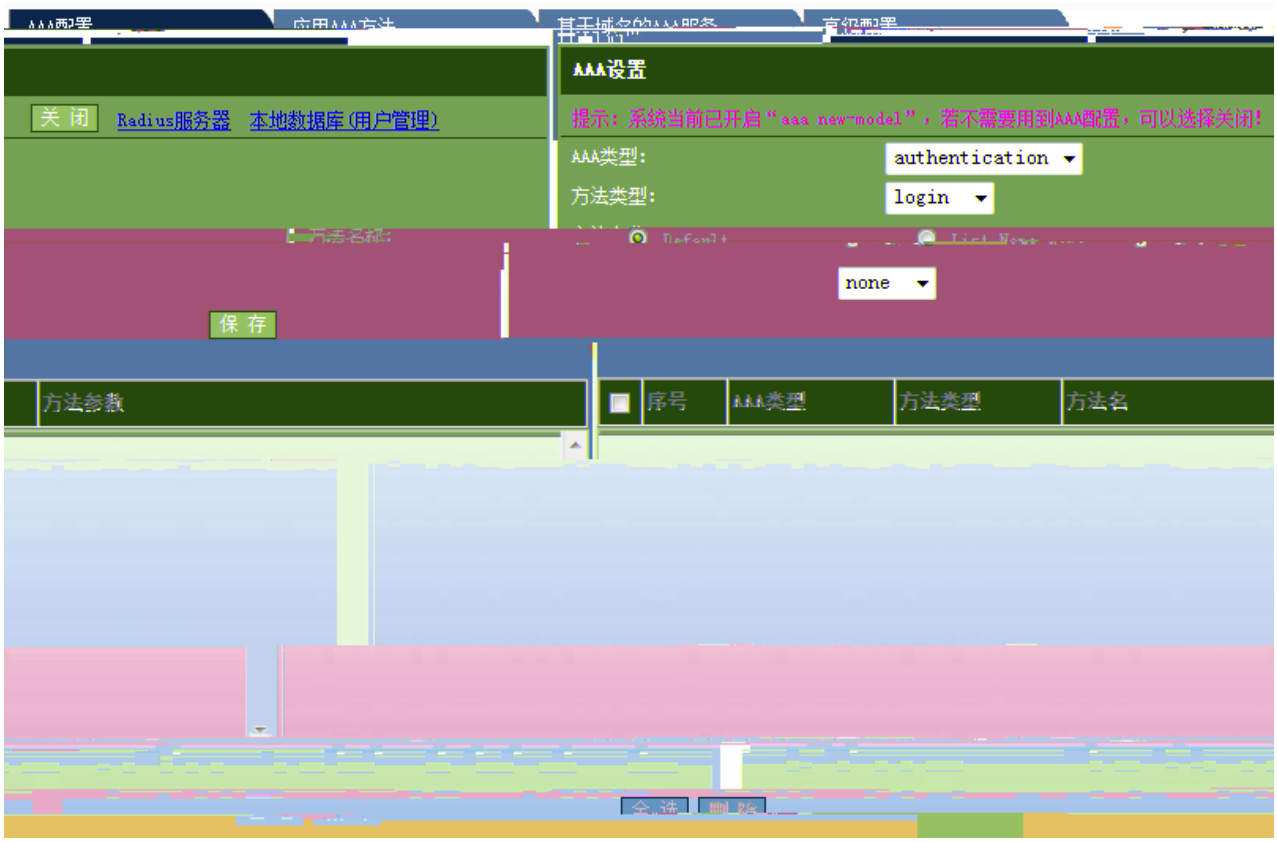
RADIUS IP Radius

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

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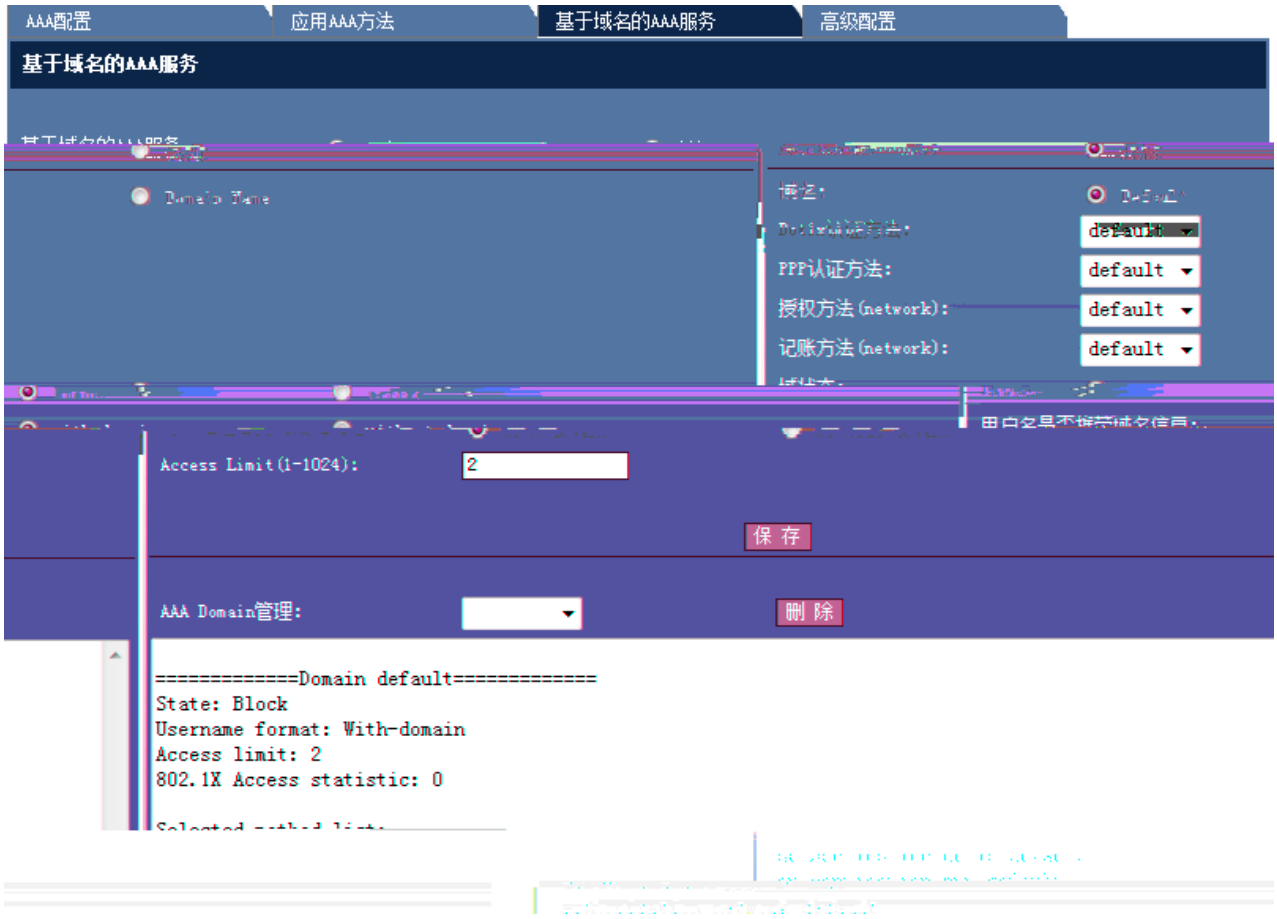
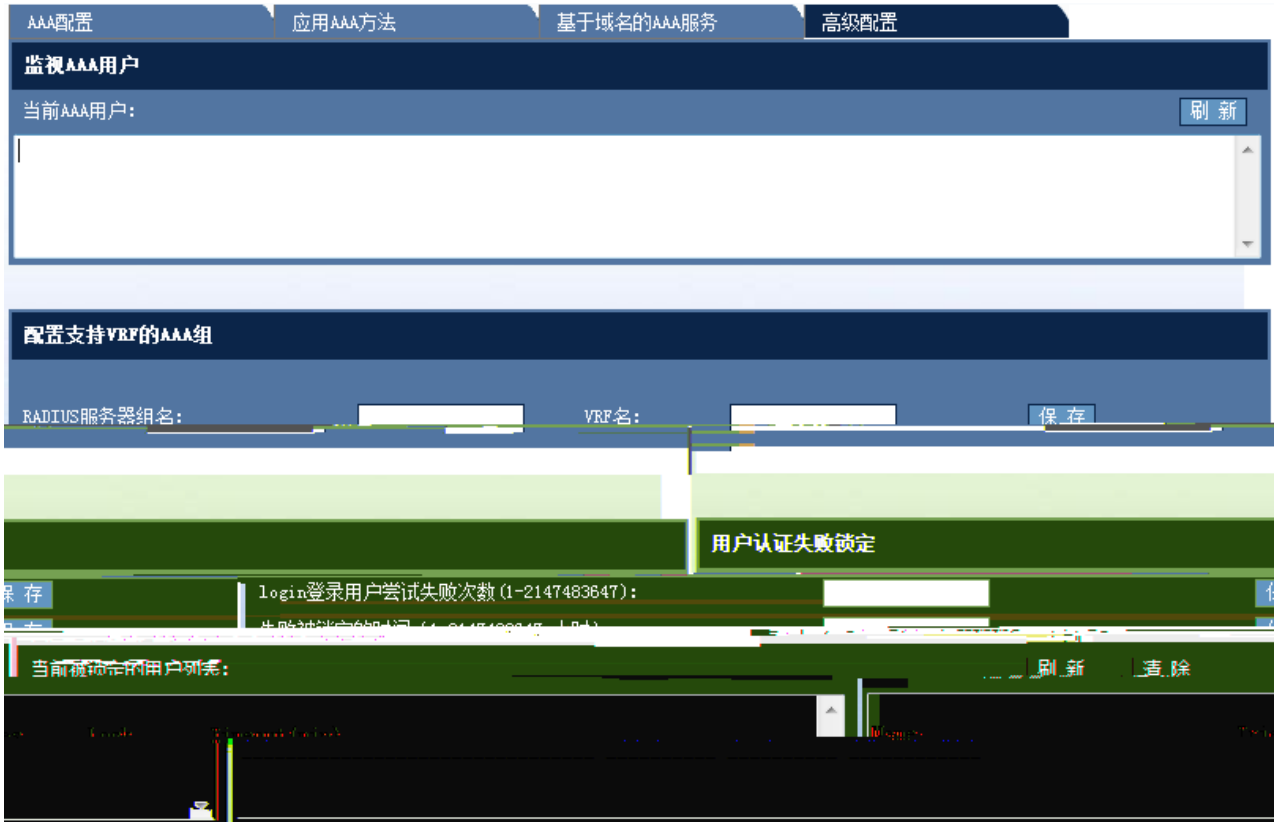


ѽ Ω O AAA Ⱶ O ǐ Dot1x PPP (network) (network)
O ᒉ O Ḥ Access Limit Ḥ U Ð ρ “ Ḡ ” Ḥ ض

– ض AAA Dom



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1.6.11 Dot1x

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Dot1x

ɔ 1-60 Dot1x

Dot1x

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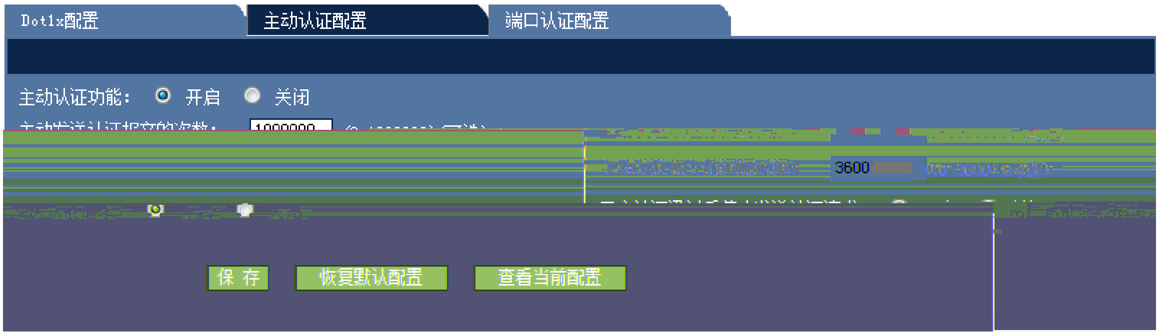

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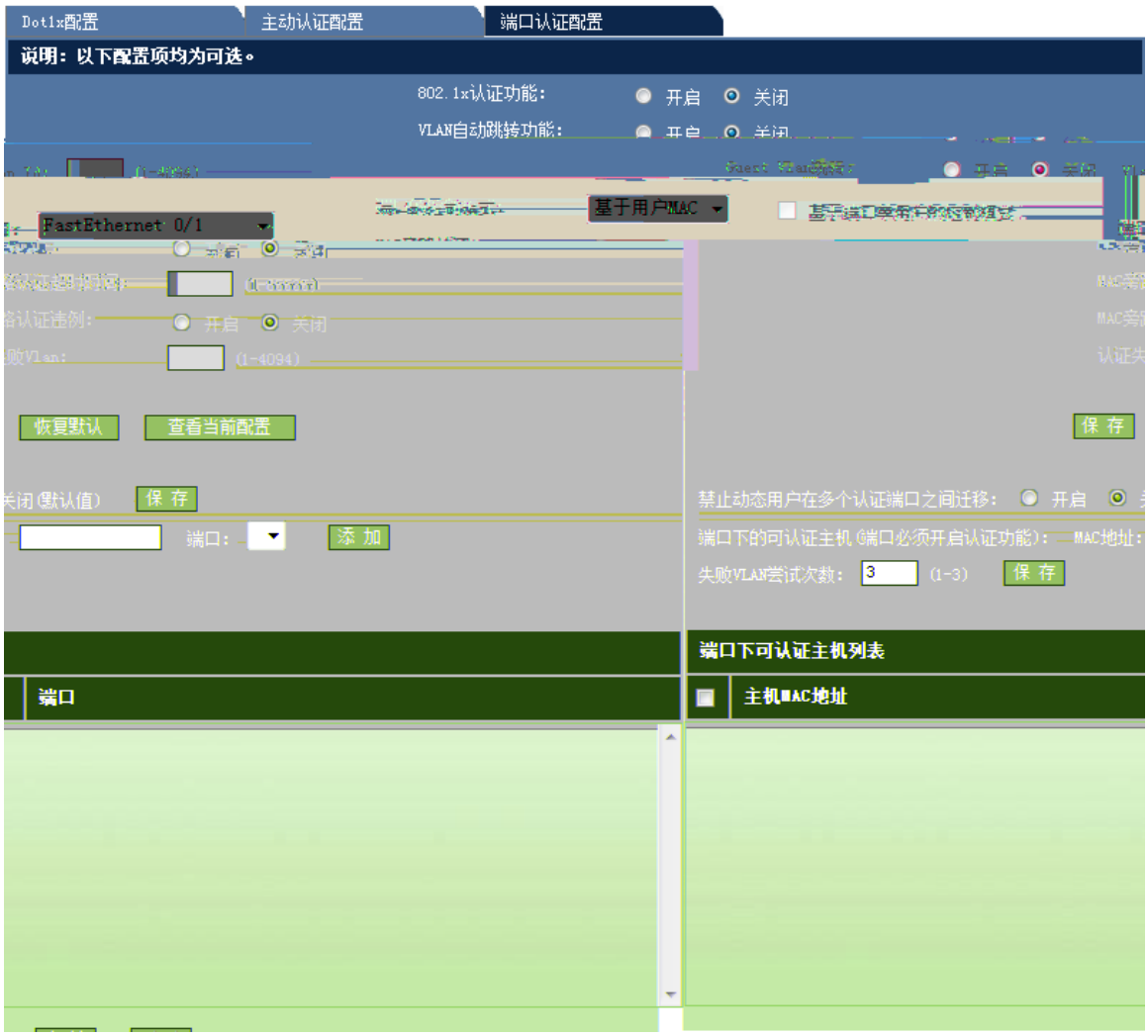
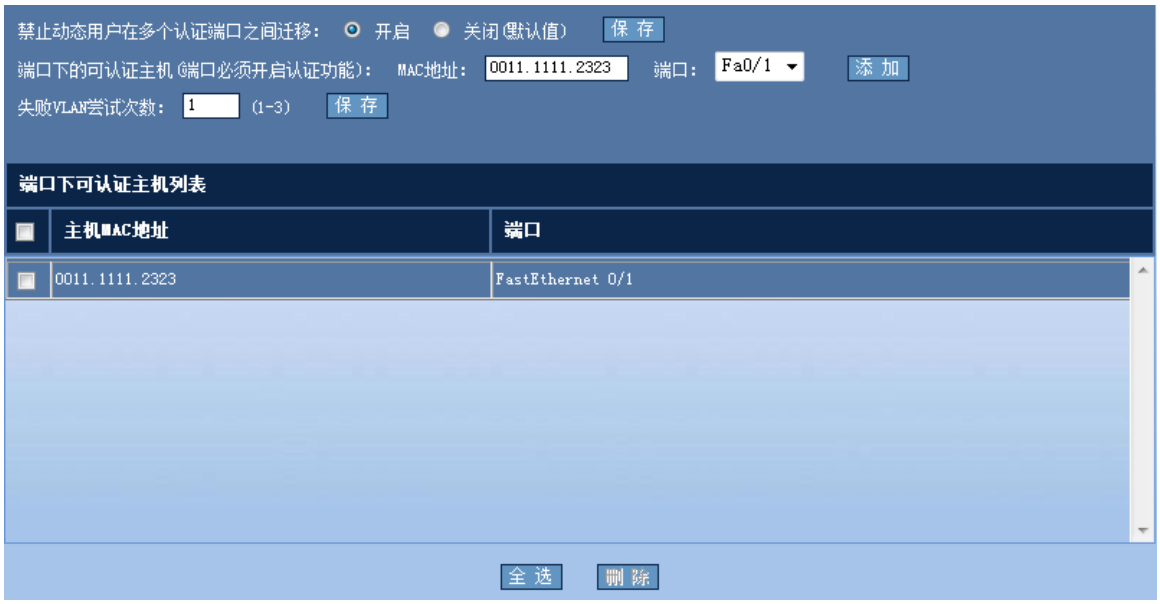

Dot1x配置
主动认证配置
端口认证配置
说明：以下配置项均为可选。
802.1x认证功能：
开启
关闭
VLAN自动跳转功能：
FastEthernet 0/1
基于用户MAC
(1-4094)
恢复默认
查看当前配置
保 存
关闭(默认值)
保 存
端口：
添 加
禁止动态用户在多个认证端口之间迁移：
开启
端口下的可认证主机(端口必须开启认证功能)：
MAC地址：
失败VLAN尝试次数：
3
(1-3)
保 存
端口下可认证主机列表
端口
主机MAC地址

Dot1x

1-63 2


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
端口下的可认证主机(端口必须开启认证功能)： MAC地址： 0011.1111.2323 端口： Fa0/1 添 加
失败VLAN尝试次数： 1 (1-3) 保 存
端口下可认证主机列表
主机MAC地址
端口
0011.1111.2323
FastEthernet 0/1
全 选
删 除

1.6.12

IP MAC

IP MAC MAC IP

ARP IP MAC

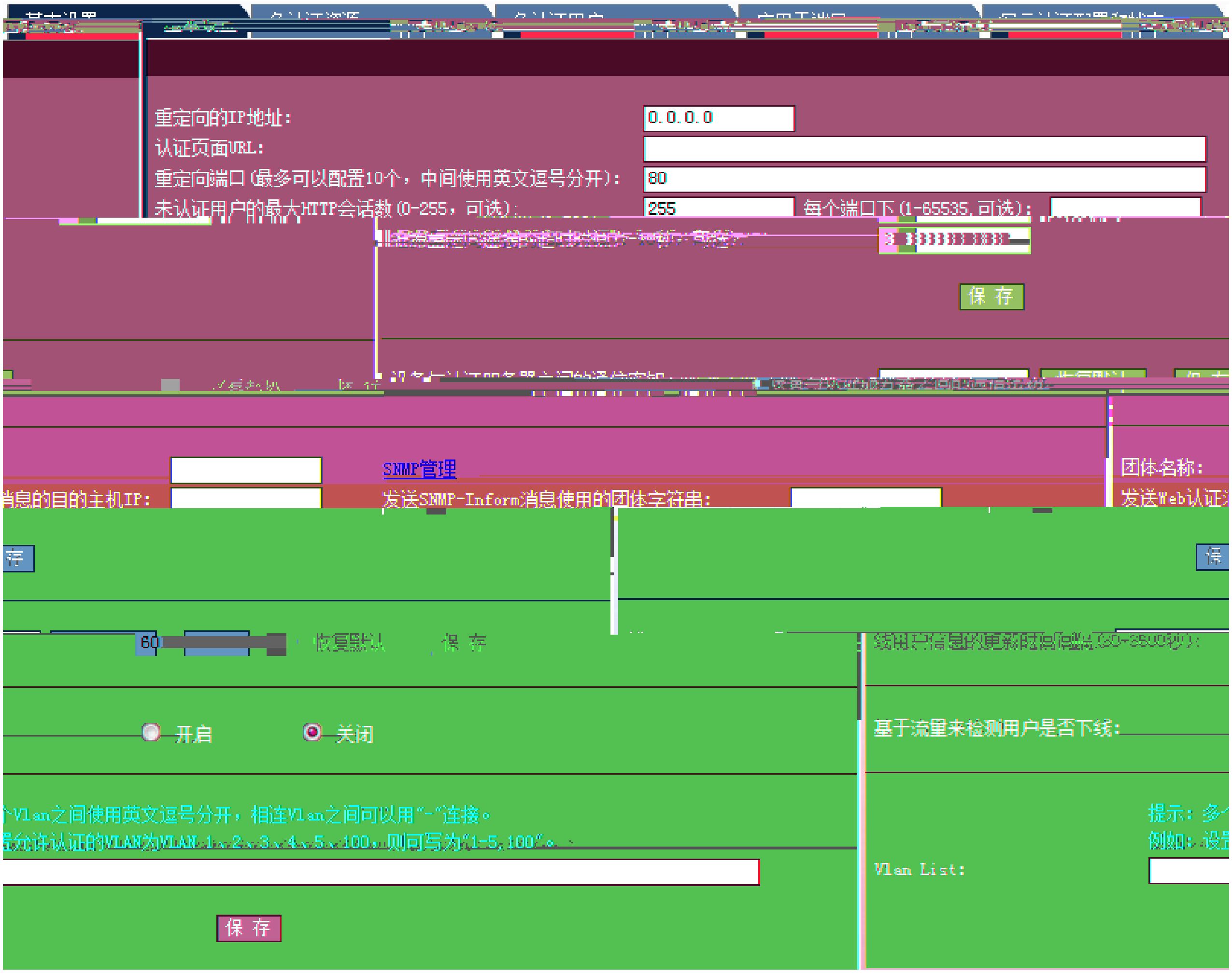
1-65 ARP

1.6.13 WEB

“ web ”

web

1-66 web



web IP URL HTTP (0-255) Web IP SNMP-Inform Vlan List 80

1-67

IP

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1-68

IP

U

U

图 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
IP Only Mode
保 存
端口:
FastEthernet 0/3
TES
全 选
删 除

图 1-70

1.6.14 DHCP Snooping

“ DHCP Snooping ”

DHCP Snooping

1-71 DHCP Snooping

DHCP Snooping

DHCP Snooping DHCP Snooping MAC

DHCP Snooping

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1.7 QOS

1.7.1

1-72

ACL

1.7.2

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1.7.3

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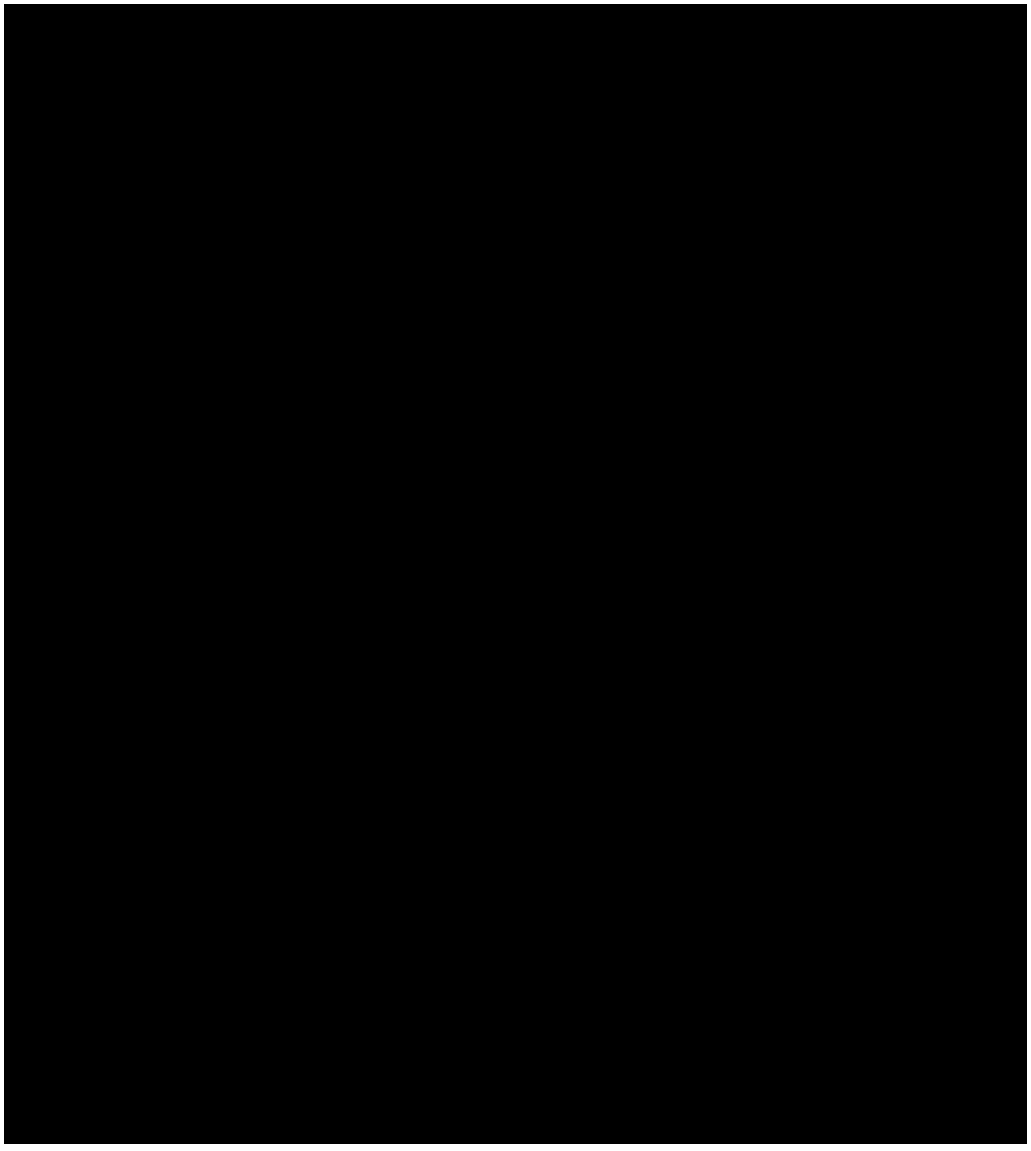

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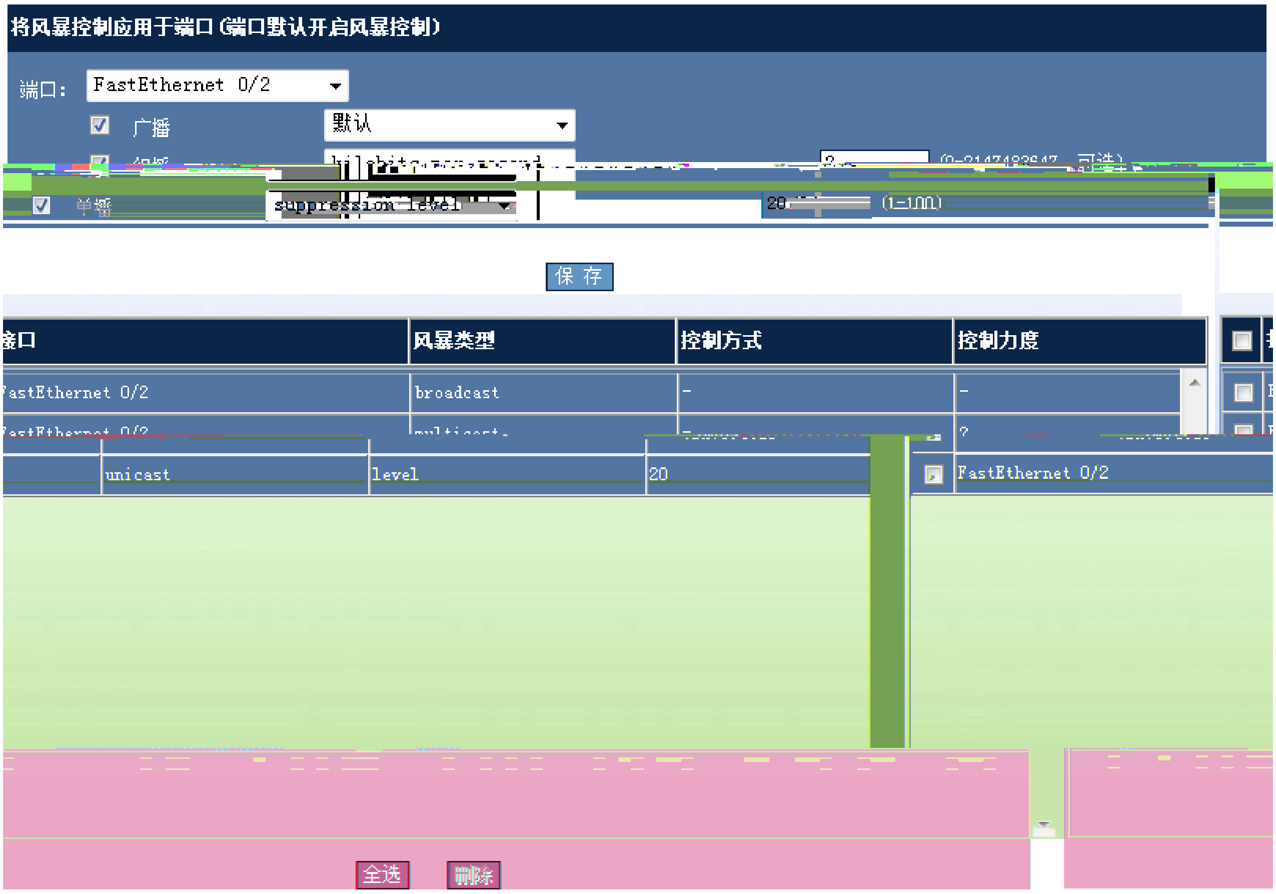

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– o – U “ – ”

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ضي – ↕ ضي U Ð ρ “ – ”

ŋ خيضر ῷ ₒ IP خيضر Ω MAC ῗ Vlan ⌠ ŋ ₒ ↕ Mac خيضر ῗ VLAN ID Ḥ Ꝺ “ Ḡ ” ضي – ↕ ضي U Ꝺ “ – ”

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1.8.1

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系统信息	
设备型号：	S2924G
主机名 ：	Ruijie
软件版本：	RGOS 10.2(4), Release(55222),Web Version:10.2.55222
硬件版本：	1.0
MAC地址 ：	00d0f8f80fc4

1.8.2

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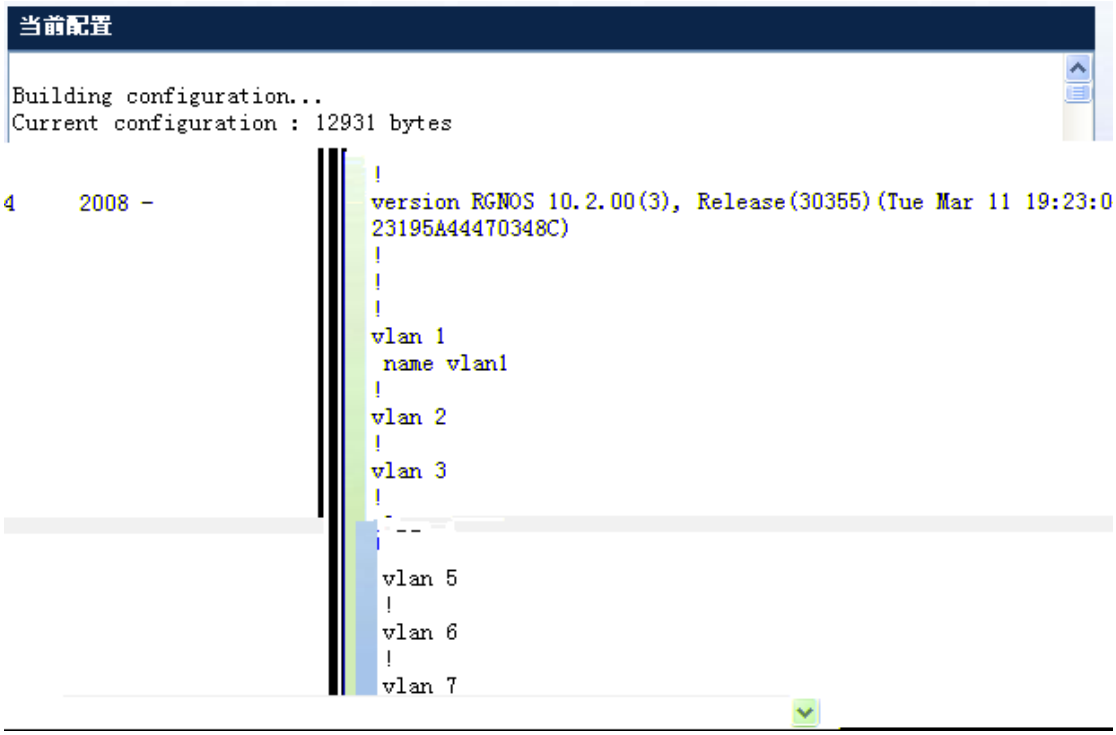

4 2008 -

1.8.3

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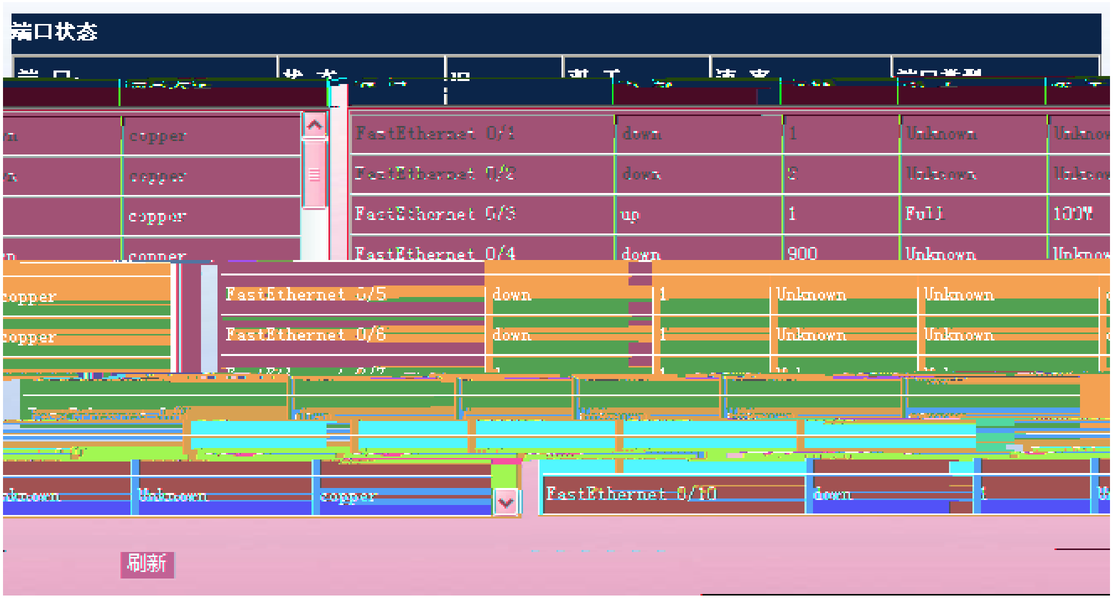
ㄡ 1-81 o



1.8.4

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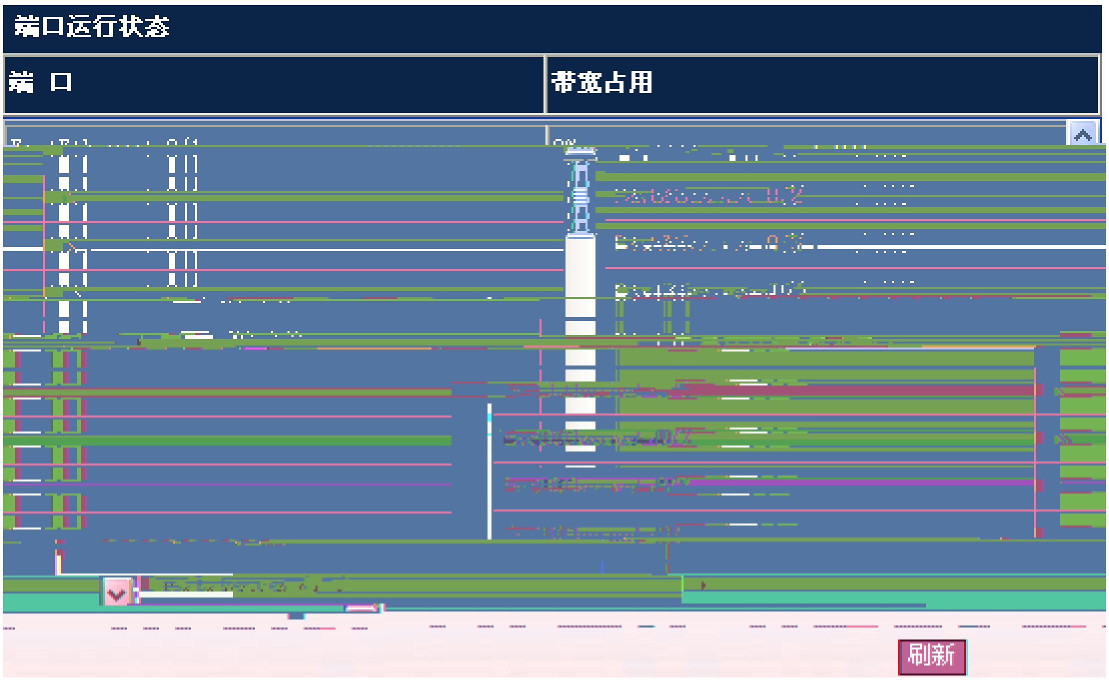
ﻯ 1-82 。



1.8.5

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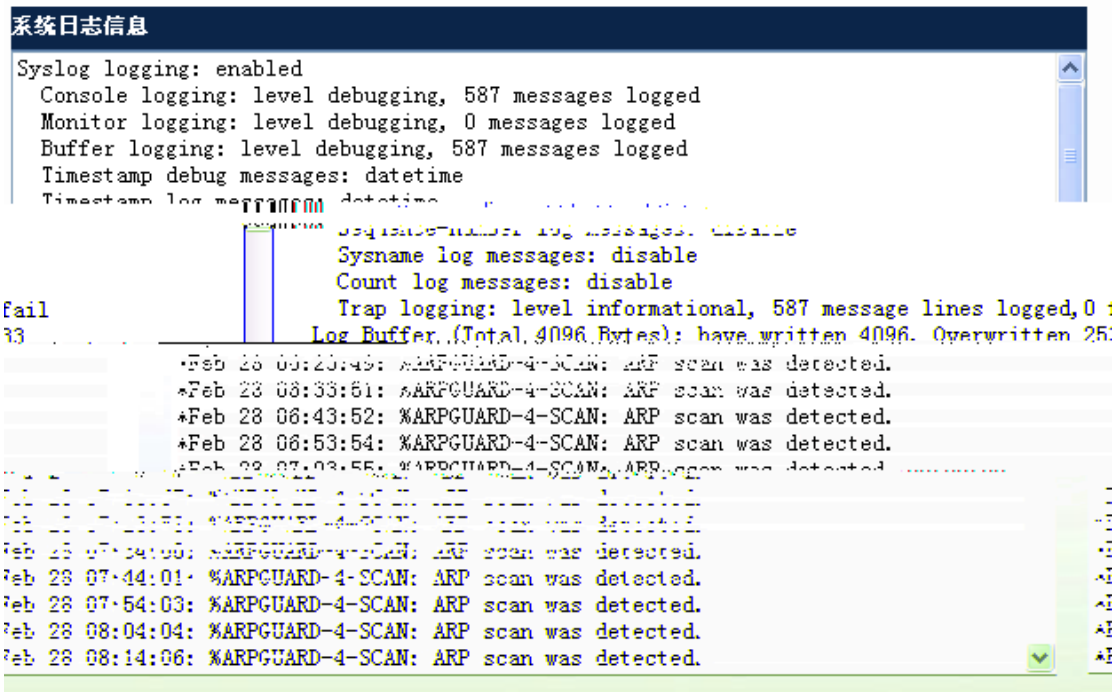


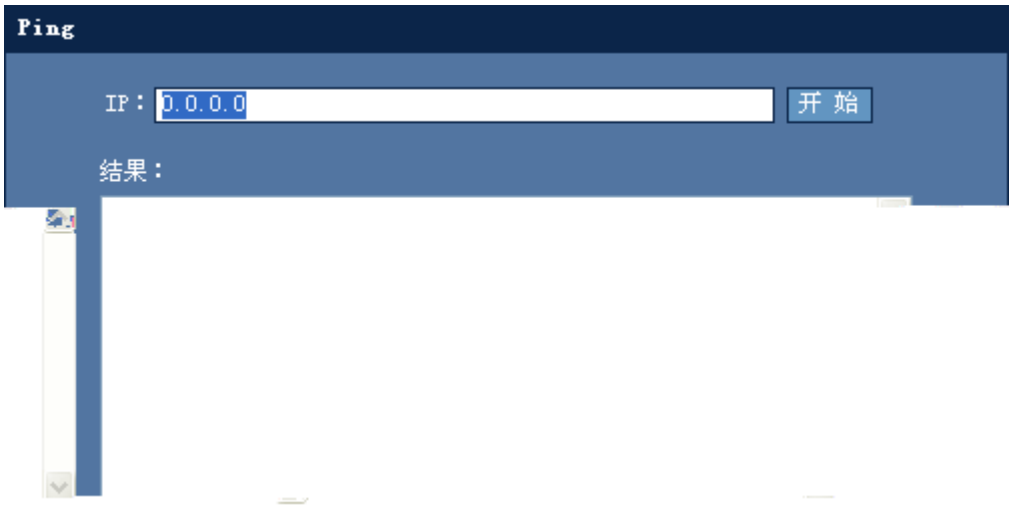
1.9

1.9.1 Ping

“Ping”

Ping

1-85 Ping

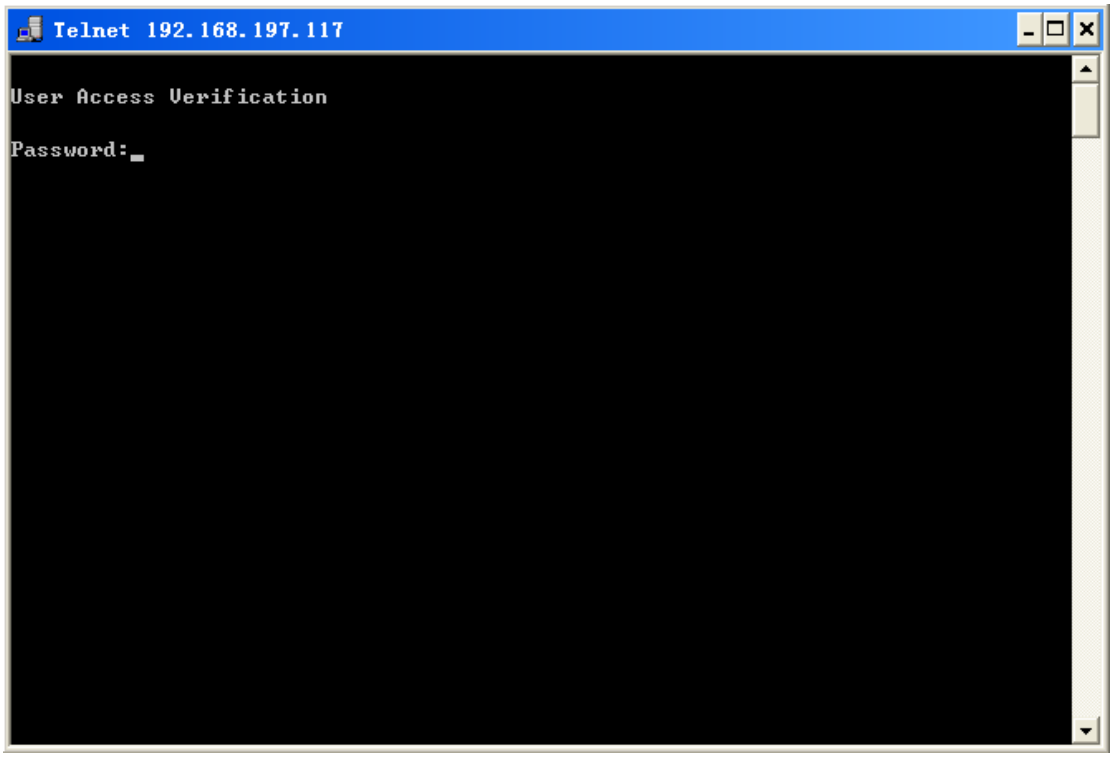


1.9.2 Telnet

ч “ Telnet ” ą w

Telnet

ъ 1-86 Telnet



Ð ч “ Telnet ” U Ω Telnet w PC Ω Telnet Ⱶ ώ Ω PC Telnet Ⱶ

1.9.3

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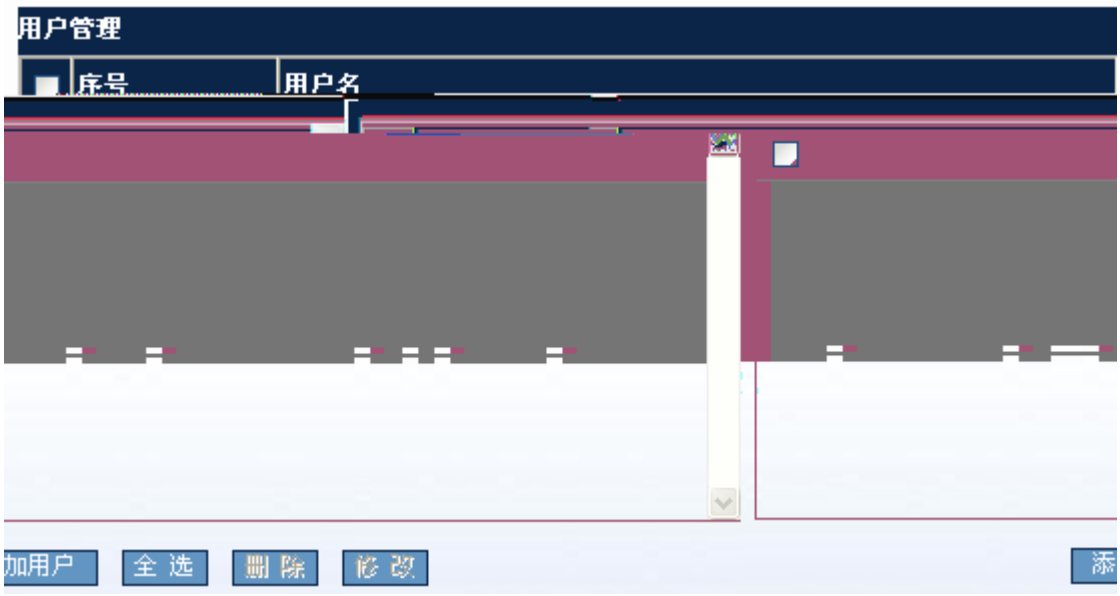
用户管理
序号
用户名
加用户
全 选
删 除
修 改
添

图 1-88

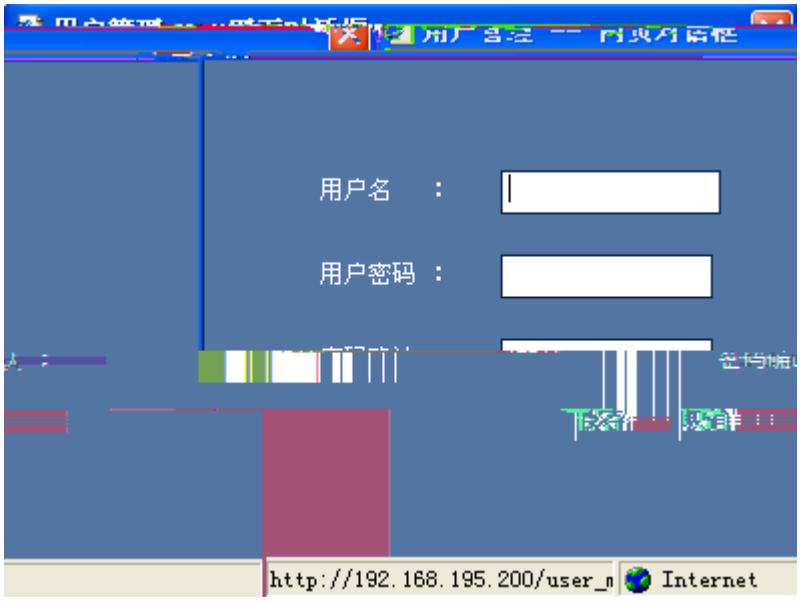
用户名 ：
用户密码 ：
http://192.168.195.200/user_m
Internet

图 1-89

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1.9.4

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ﾝ 1-91

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ќ Telnet 。 Ɒ

ќ Telnet。 Ɒ ~ 。 Ɒ U “ Ḡ ” ą

1.9.5 /

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~/ ₹

ﾝ 1-92 ~/ ₹

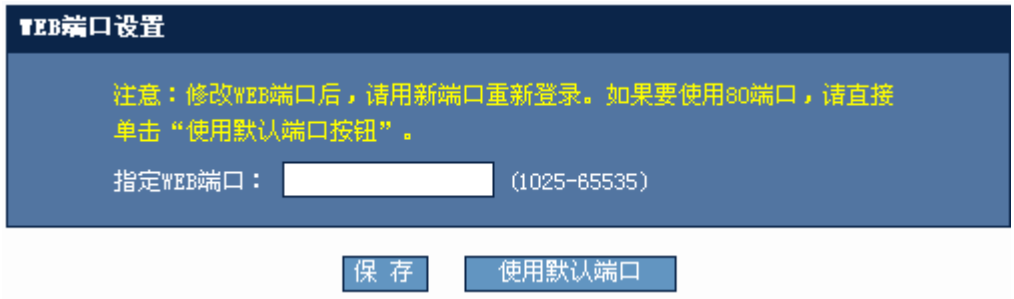
config.text TFTP IP TFTP “ ” config.text TFTP “ ” TFTP

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

WEB Local Enable ٧ ˆ ٢ ˜ WEB WEB

Local

˜ config

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

WEB Ⱶ

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

WEB Local

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

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```
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 Ⱶ

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

WEB Enable ڡ ث U

```
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             O
username admin privilege 15          //WEB               15
no service password-encryption
ip http authentication local           //WEB       local
!
enable service web-server           //   Ω 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
```

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