WEB

RG-AS3GT

RGOS 10.4(3b16)p5

V1.0

©2015

΄Ύ Ð RGOS 10.4 (3b16)p5

й ˅˅ ↓˅ 2

˅ 2

2

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

ض http://webchat.ruijie.com.cn

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

7 × 24 ⊦ 4008-111-000

ﻁ http://bbs.ruijie.com.cn/portal.php

ΐ Ḥ service@ruijie.com.cn

΄Ύ Ο	
ᵒᵒ ج ΄Ύ	΄Ύ : ኃᵒ ج ضW غ ˡ ኃ Ð ﺷ ɣ ΐ غ ﻜ ǵ ą ‰ ↕
ᵒᵒ ج ΄Ύ	΄Ύ ᵒᵒ ج ܝ ˥ ΐ ὶ / ኃ ɒ
ᵒᵒ ج ث פ ΄Ύ	΄Ύ ᵒᵒ ج ث פ Ạ ኃ ´ ث פ ᾰ ǵ ą ˀ ΐ ɼ ɒ

1) ث פ

ث פ

ɼ ث פ ˜ ث פ Ḡ ΐ № ᶌ ɼ

ɼ ث פ ᾰ ث פ ṿ ᶉ № ɼ

[ ] [ ] № ضيث פ ̃

{ x | y | ... } ɾ ǘ

[x | y | ...] ɾ ǘ

// ῗ

2) ﻼ

ӥ ﻼ ضي ƀ ≢ ضر ˈ

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3)

ˊY ם № ٥ ﻘﻤﻢ ̃ ƀ ﻼ ̊ ̊ ڃ ٥ ﻘﻤﻢ

ˊY № ם Ḥ ̃ Ꞇ ἰ ̊ ̊ ڃ ↓ ṗ ̊ ̊ ڃ ﻘﻤﻢ ί r Ḥ ɣ ą

Ḥ ‰

ˊY ῗ ﻜﺢ ῗ ﻜﺢ ڃ ﻳﺤ ԥ ϑ ﻜﺢ ɣ ῗ ϑ ˀ ˊ

1 WEB

1.1 WEB

WEB IE

1-1

U “ ” O

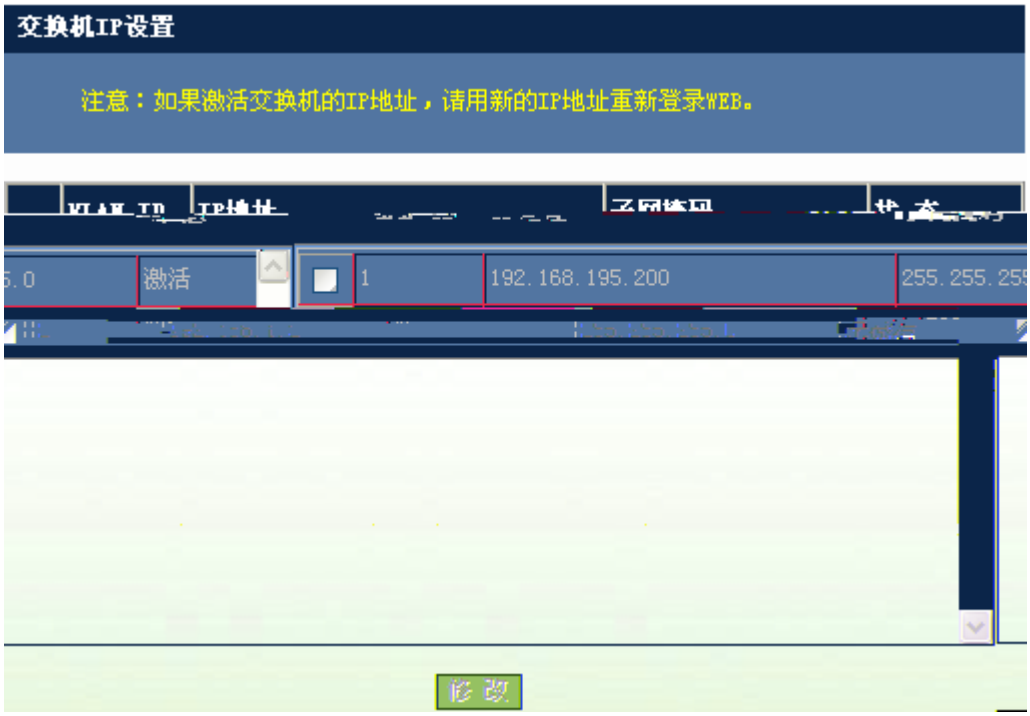
1-2

U ~ WEB

1-3 WEB

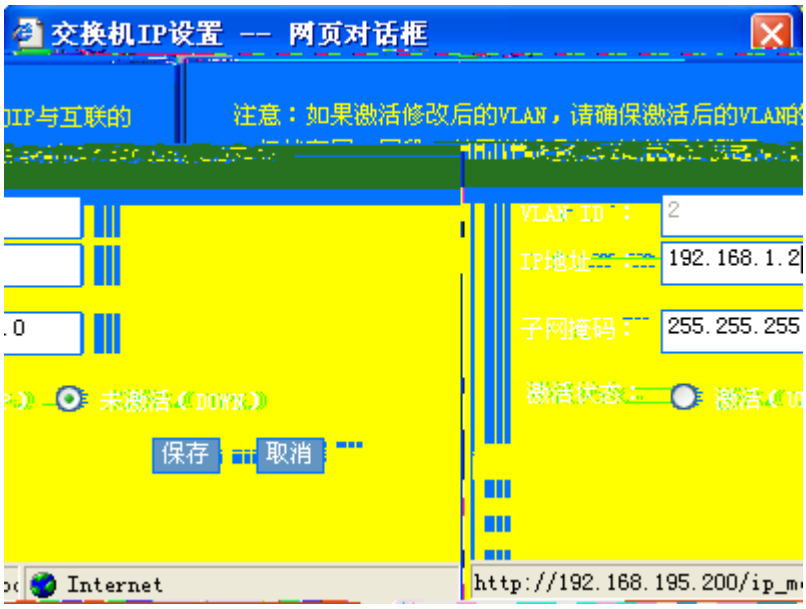
1.5

1.5.1



ip “ ” U

1-5 IP



IP U “ ”

1.5.2 VLAN

“ VLAN ”

VLAN

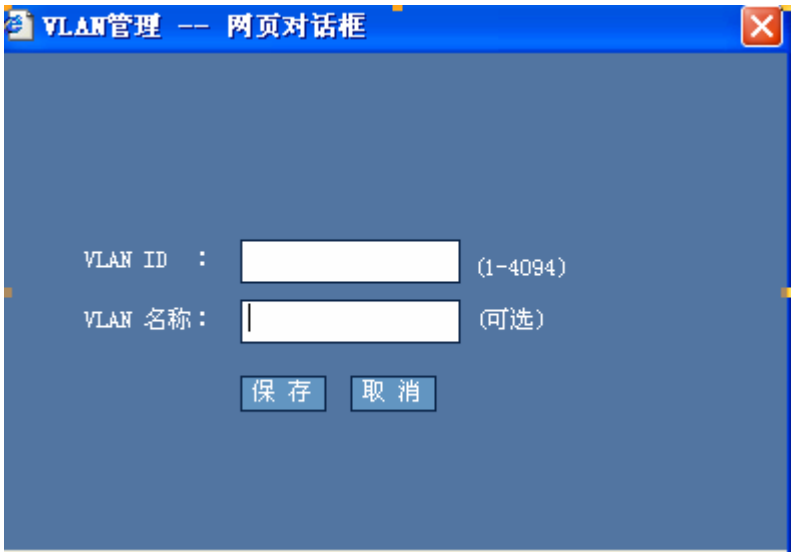
1-6 VLAN

VLAN

~ U ώ ╠ VLAN Ḥ ˜ γ – ḱ VLAN ᵖ VLAN –

Ð ρ “ ” U ₹

1-7 VLAN

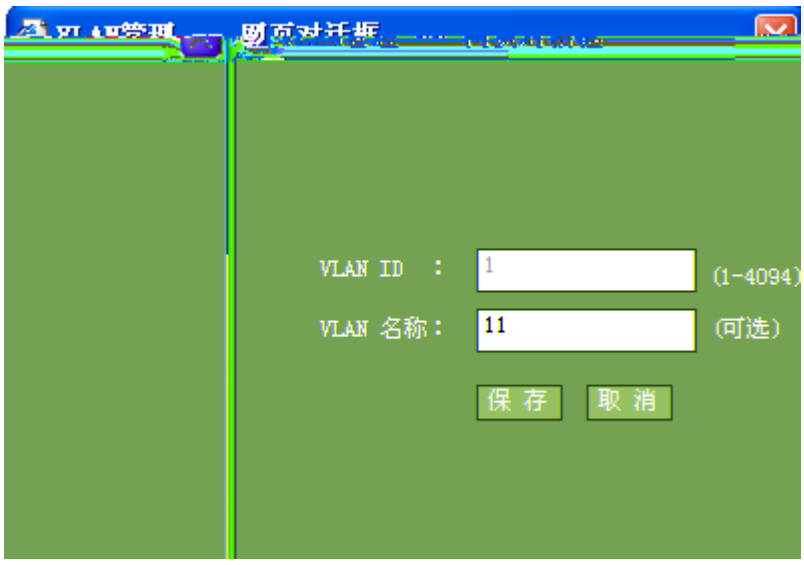


VLAN ID VLAN U “ ” VLAN VLAN

– – VLAN U “ – ”

VLAN U “ ” VLAN

1-8 VLAN



VLAN U “ ” VLAN

VLAN

1-9 VLAN

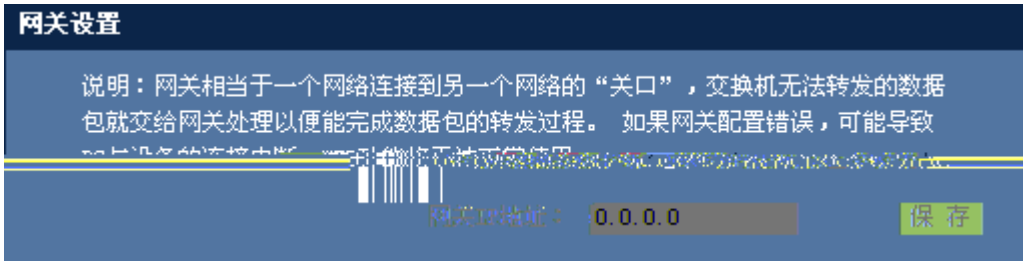
o ė VLAN ID o U “ Ḡ ” ą

1.5.3

ㅓ “ ᵀ ”ą w w ´

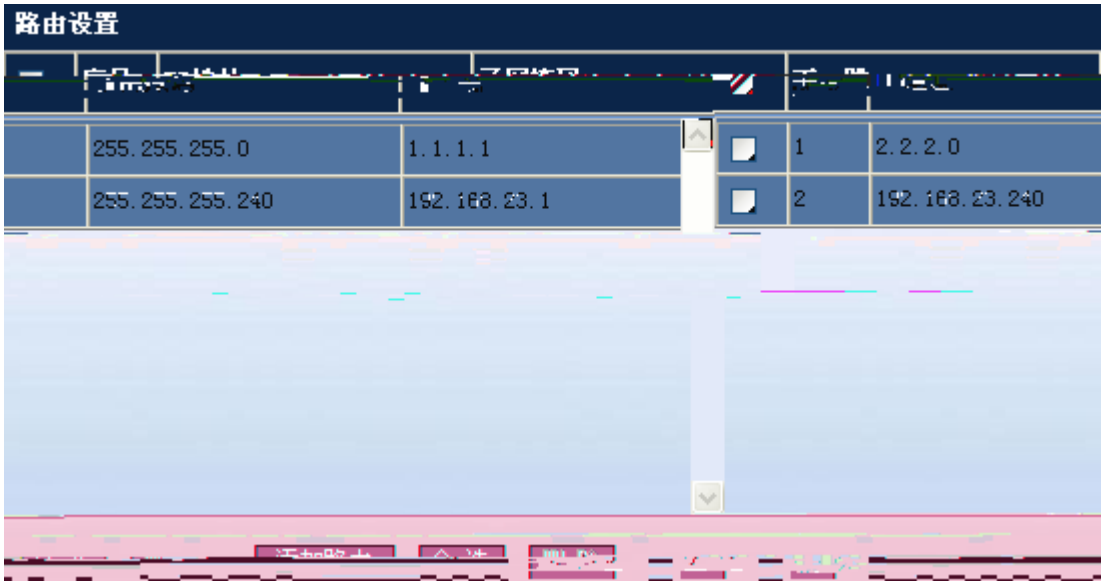
ᵀ

ᵡ 1-10 ᵀ

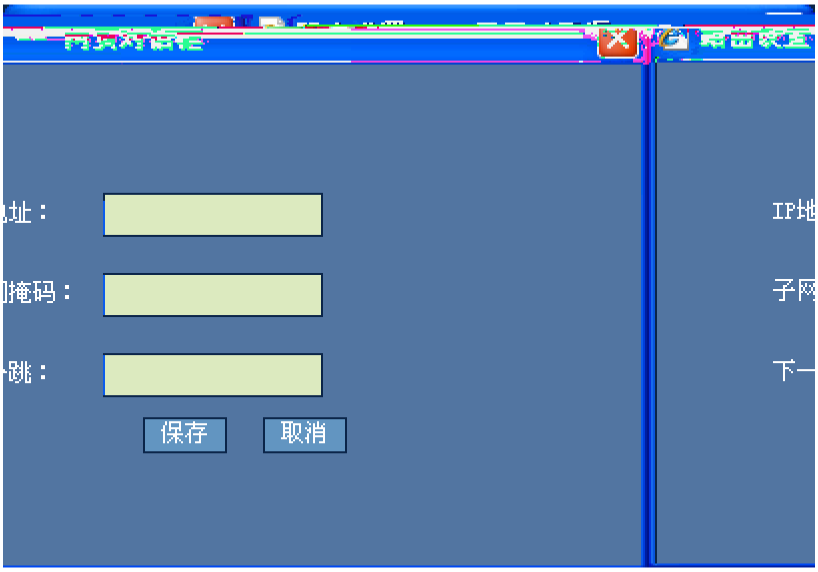

网关设置
说明：网关相当于一个网络连接到另一个网络的“关口”，交换机无法转发的数据
包就交给网关处理以便能完成数据包的转发过程。 如果网关配置错误，可能导致
0.0.0.0
保 存

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



˜ IP خيضر غ U “ Ḡ ” ą w U ۷ ضي

– – “ – ” –

1.5.5

ۍ “ ｏ ˝E ” ą w

ｏ ˝E

يڂ 1-13 ｏ ˝E


端口镜像设置
监控端口
GigabitEthernet 0/2
会话数序列号
请选择被监控端口及监控模式：
所有数据
GigabitEthernet 0/15
GigabitEthernet 0/16
GigabitEthernet 0/18
GigabitEthernet 0/19
GigabitEthernet 0/1
GigabitEthernet 0/3
GigabitEthernet 0/4
GigabitEthernet 0/6
GigabitEthernet 0/7
GigabitEthernet 0/21
保 存
删除端口监控

1.5.6


输入限速
输出限速
端口输入限速设置
端口
输入速率限制
(64-1000000 KBit/s)
GigabitEthernet 0/1
GigabitEthernet 0/2
GigabitEthernet 0/3
GigabitEthernet 0/4
保 存
取消全部输入限

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 0/7
GigabitEthernet 0/8
GigabitEthernet 0/9
GigabitEthernet 0/10
GigabitEthernet 0/11
取消全部输出限速
保 存

1.5.7

1-16

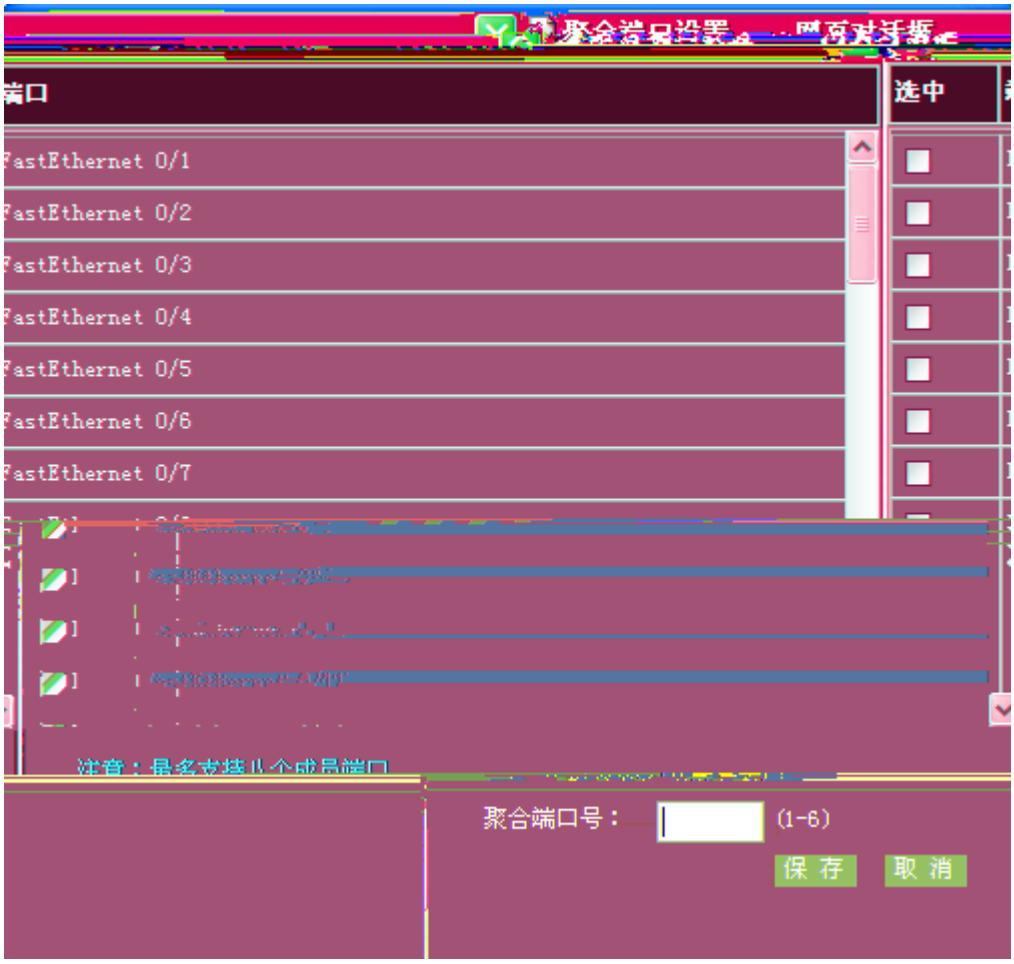

聚合端口设置
注意：若选择的算法为缺省算法，配置后将不显示！
流量平衡算法选择：
保 存
Help
聚合端口
最多成员端口数
二层端口
模式
成员端口
新 建
全 选
删 除

U “ Ḡ ” ą

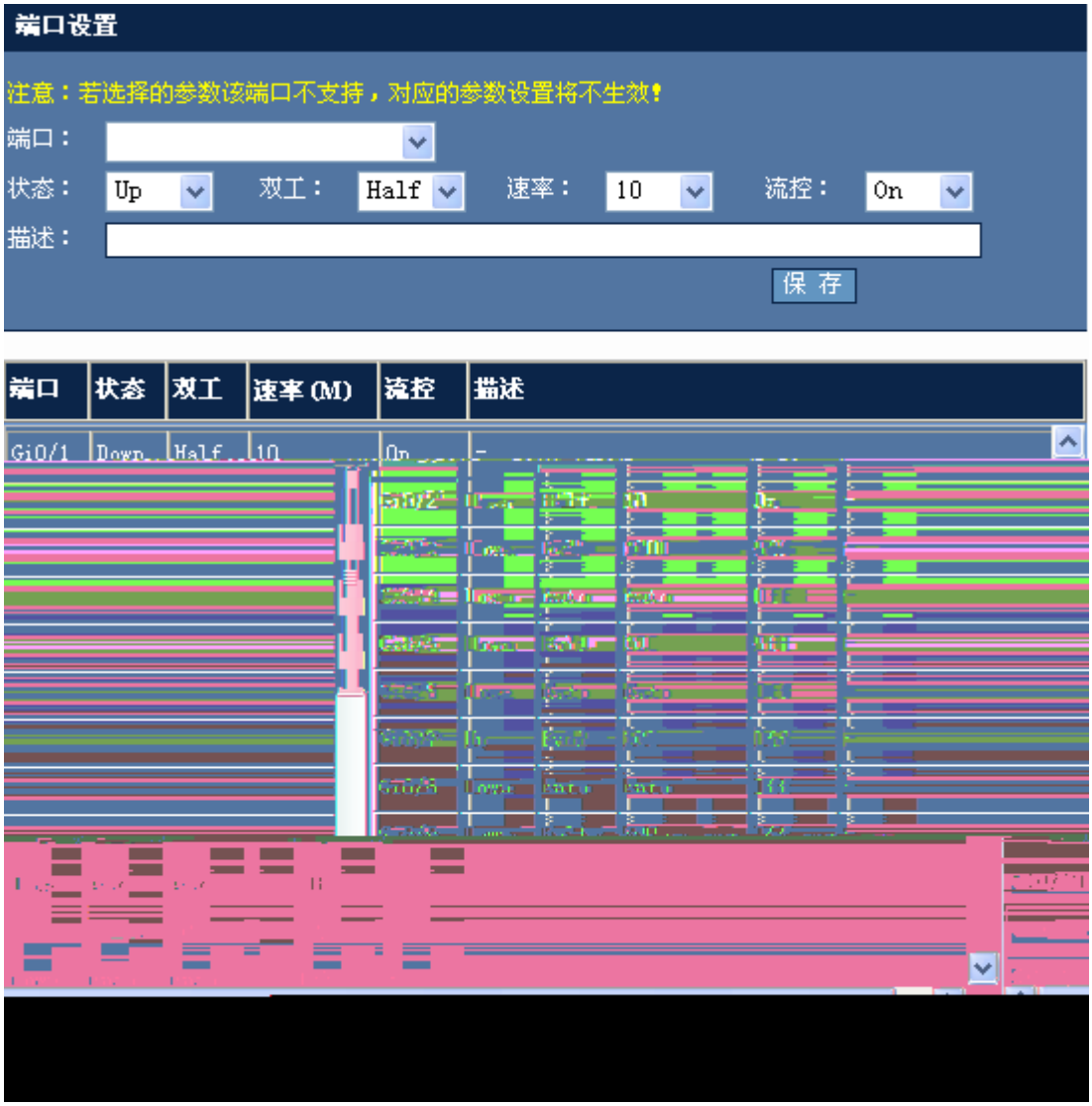
o

o “ ” ₹

1-17 o


端口
选中
FastEthernet 0/1
FastEthernet 0/2
FastEthernet 0/3
FastEthernet 0/4
FastEthernet 0/5
FastEthernet 0/6
FastEthernet 0/7
聚合端口号：
(1-6)
保 存
取 消

1.5.8



1.5.9 DHCP

DHCP

1-19 DHCP

Ø/ ˀ DHCP

/ ˀ DHCP w ɬ U “ Ḡ ” ą

DHCP Ⱶ ƙ

DHCP Ⱶ ƙ ضي ض ƙ Ⱶ U “ Ḡ ” ą w U ضي – DHCP Ⱶ ƙ U “ – ” ą

1.5.10 IGMP Snooping

ɬ “ IGMP Snooping ” ą w

IGMP Snooping

ɲ 1-20 IGMP Snooping

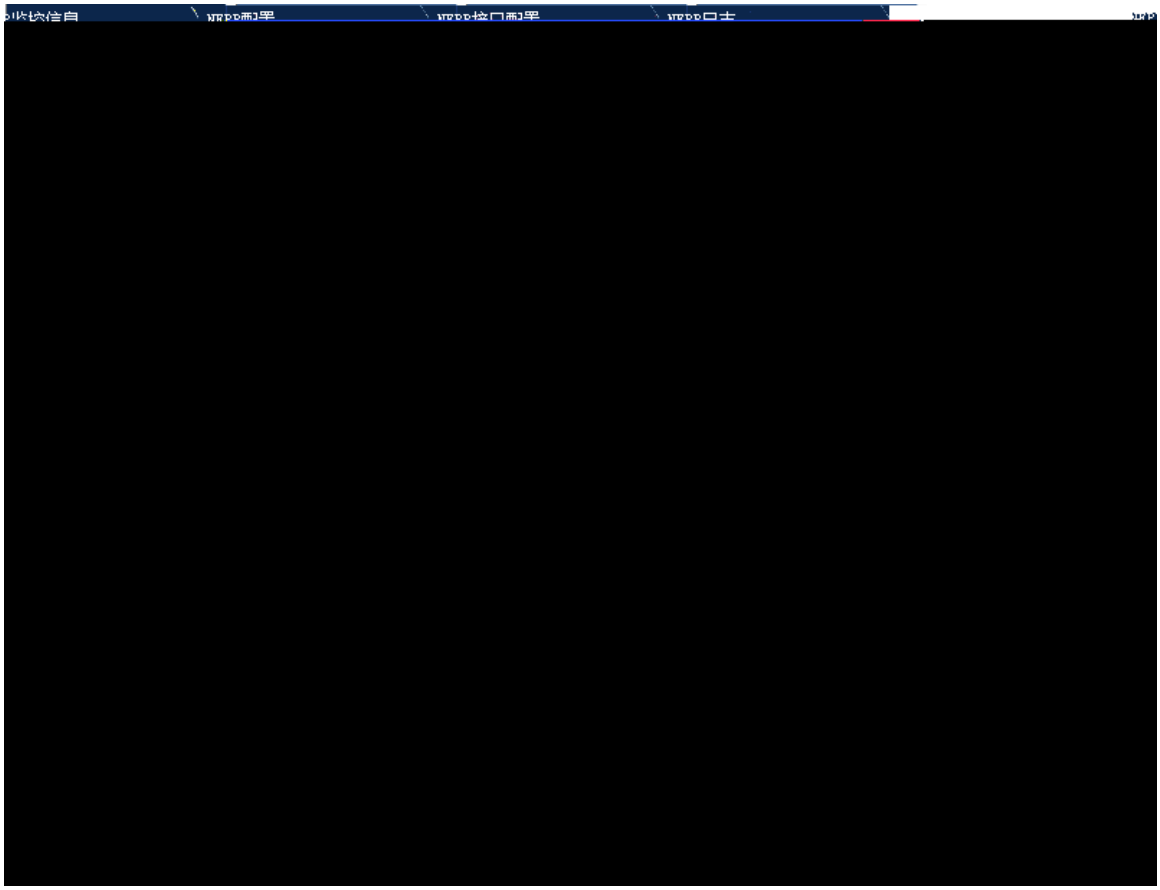
Ø SNMP w “ Ø SNMP ” ɬ ˆ ɣ ƒ r O Ω ă U “ Ḡ ” ą ˜ SNMP w “ ˜ SNMP ” ɬ U “ Ḡ ” ą – ƒ r O – U “ – ” ą

1.5.13 NFPP

ɬ “ NFPP ” ą w

NFPP Ḥ

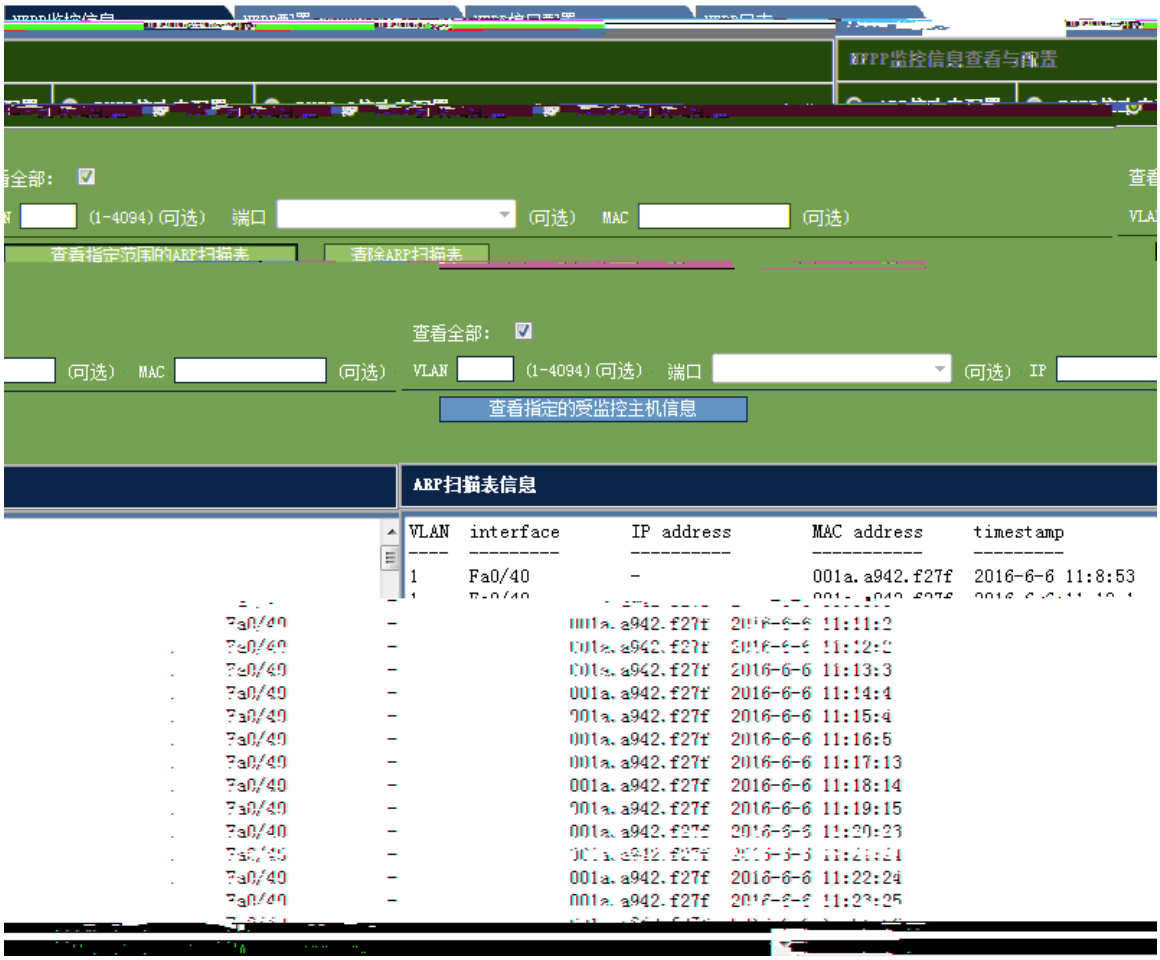
ƛ 1-23 NFPP Ḥ



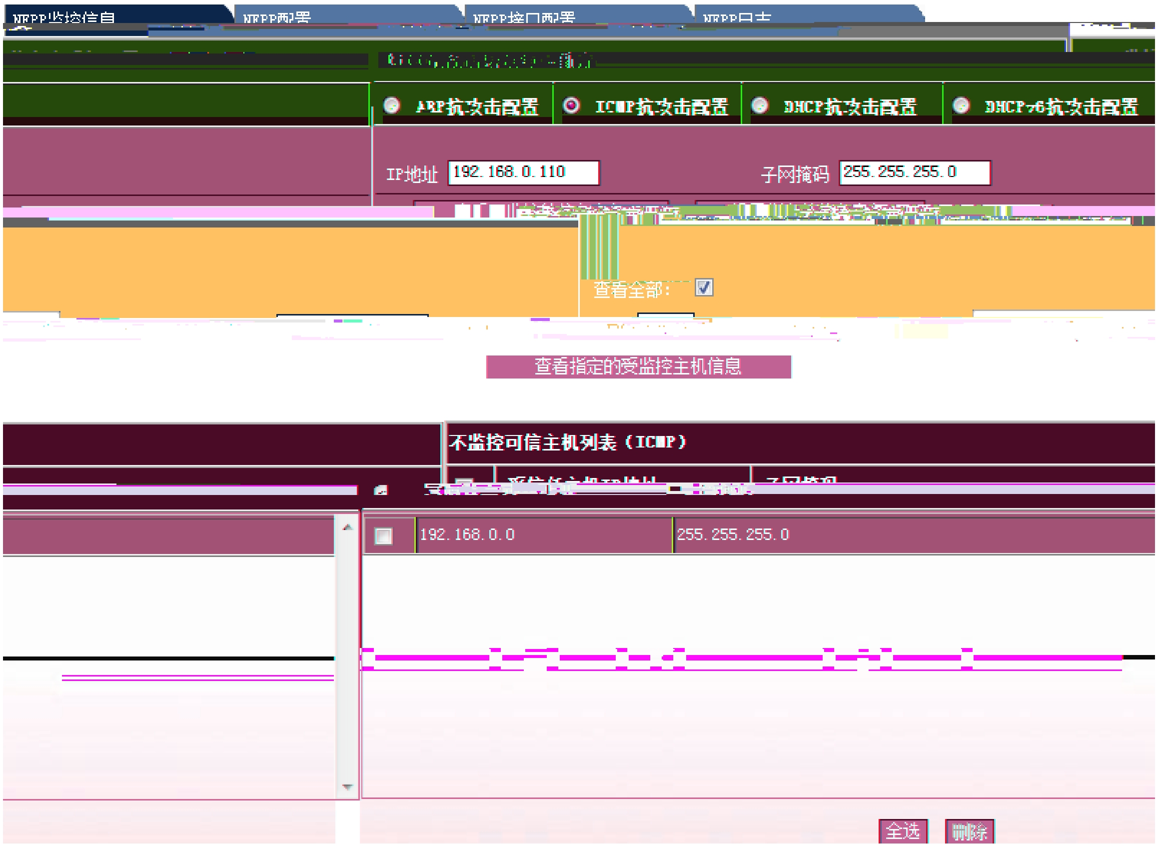
NFPP

1) ARP

ㅋ 1-24 NFPP H —ARP


EFPP监控信息查看与配置
查看全部:
(1-4094)(可选)
端口
(可选)
MAC
(可选)
查看指定范围的ARP扫描表
清除ARP扫描表
查看全部:
(可选)
MAC
(可选)
VLAN
(1-4094)(可选)
端口
(可选)
IP
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 11:11:2
Fa0/40 - 001a.a942.f27f 2016-6-6 11:12:2
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 11:20:23
Fa0/40 - 001a.a942.f27f 2016-6-6 11:22:24

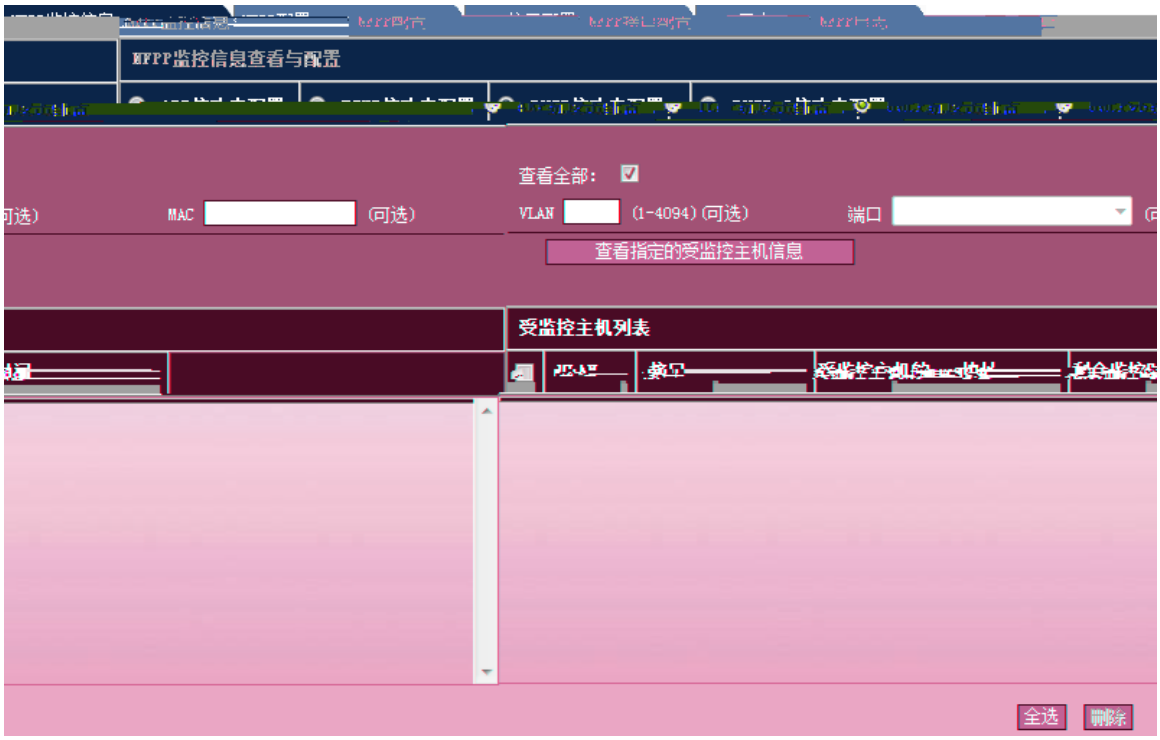
ARP



ICMP Ḓρ Ḥ ἳ Ḥ Ḓρ “ Ḥ κ ” ↕ Ḥ κ Ḥ ҧ ˜ IP غخيض Ḓρ “ Ḥ κ ” ↕ ثم ṗ ˜ ⌠ Ḥ κ ↓ Ḓρ“ ثم ἳ Ḥ ” ↕ ἅ ἳ Ḥ ˀ “ ŋ ” ↕ ἳ Ḥ

3) DHCP Ḓρ

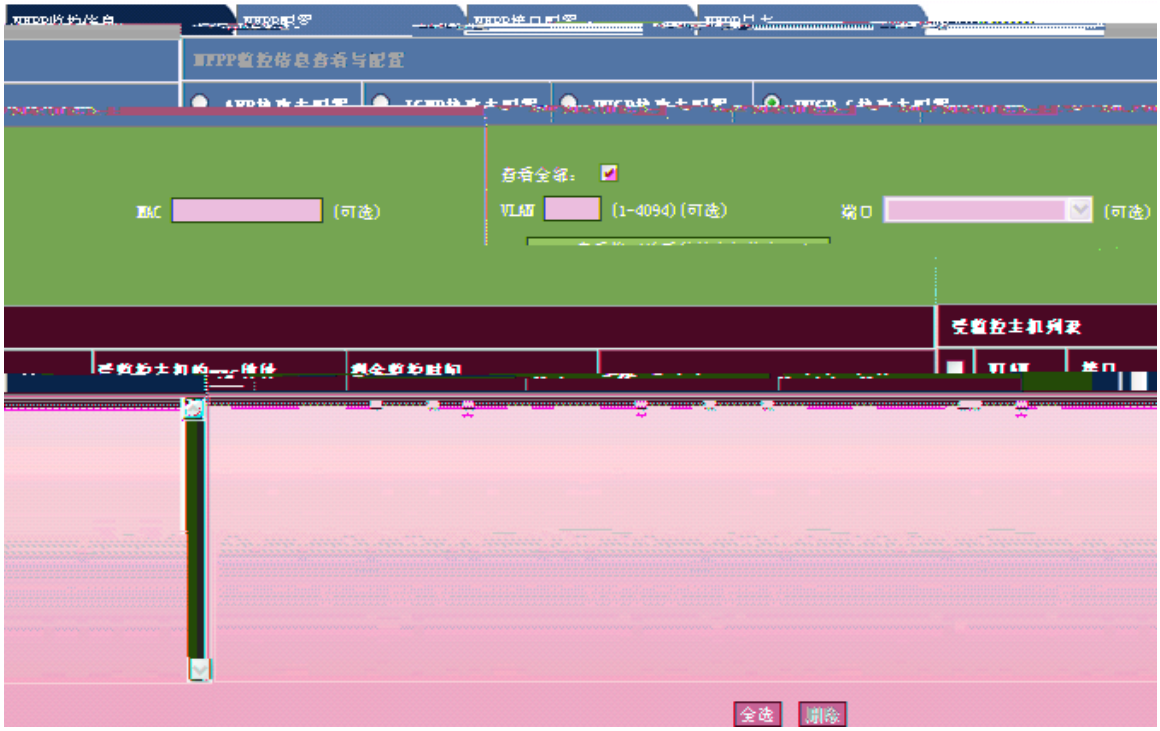
ҧ 1-26 NFPP Ḥ —DHCP Ḓρ



DHCP

4) DHCPv6

1-27 NFPP —DHCPv6



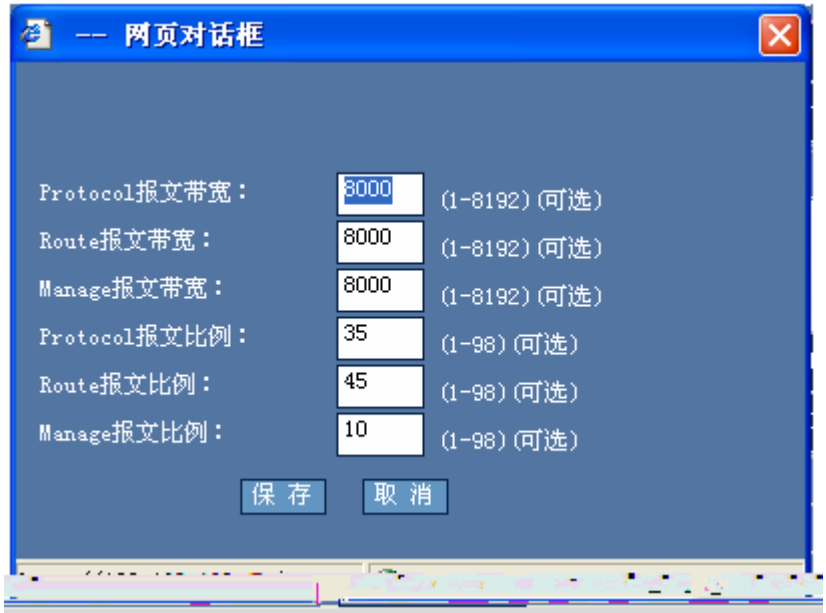
DHCPv6

NFPP

1-28 NFPP

1) CPU

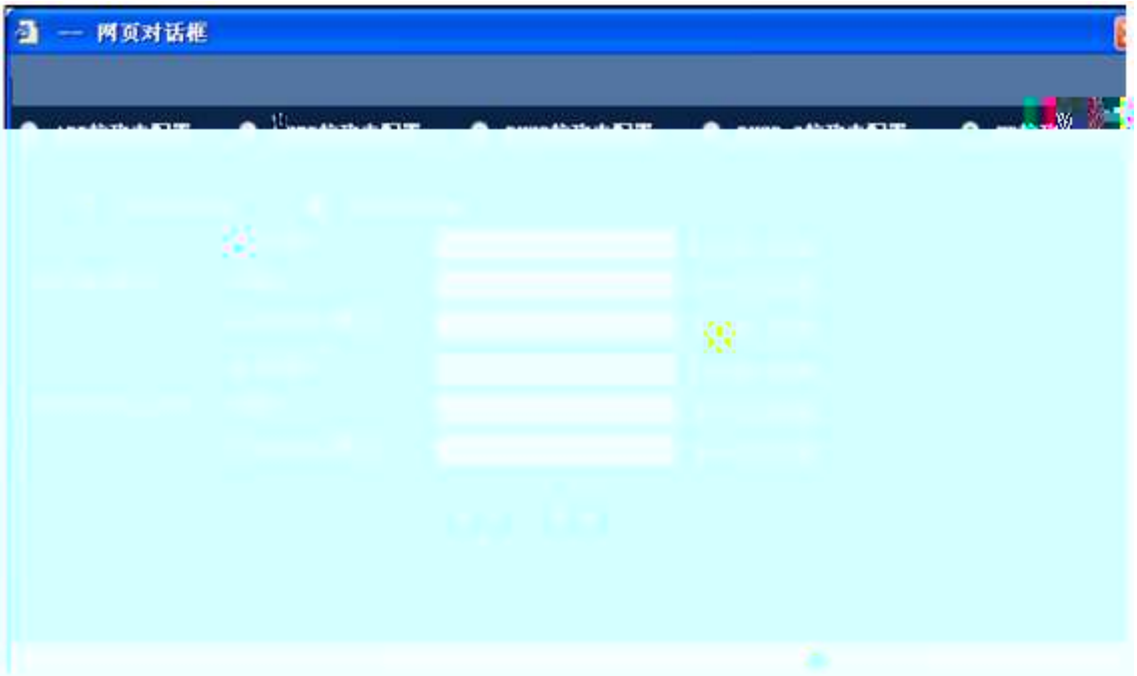
1-29 CPU



CPU Ḡ ╠ ⅸ \| غ \| ᴰ Ḥ Ꝺ "ḱ " ₮ ﯾﺤ ｏ
ἅ U Ꝺ "Ḡ " ą ض ἅ ↕ ἅ ḱ ↕ Ḡ ╠
ἵ

2) NFPP

ﯾﺤ 1-30 NFPP



NFPP ╠ ⅸ √ Ḥ Ꝺ ↓ " " ↕ √ NFPP
Ꝺ " " √ NFPP Ꝺ "ḱ " ₮ ﯾﺤ ｏ
√ ἅ U Ꝺ "Ḡ " ą ض ἅ ↕ ἅ ḱ
↕ Ḡ ╠ ἵ

NFPP

1) ARP Ꝺ

ﯾﺤ 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 Ꭰₚ ₒ NFPP ﲨ ₒ ắ U Ꭰₚ“ Ḡ ” ą
w U Ψ ₮ w ض ắ ↕ ṿ

3) DHCP Ꭰₚ

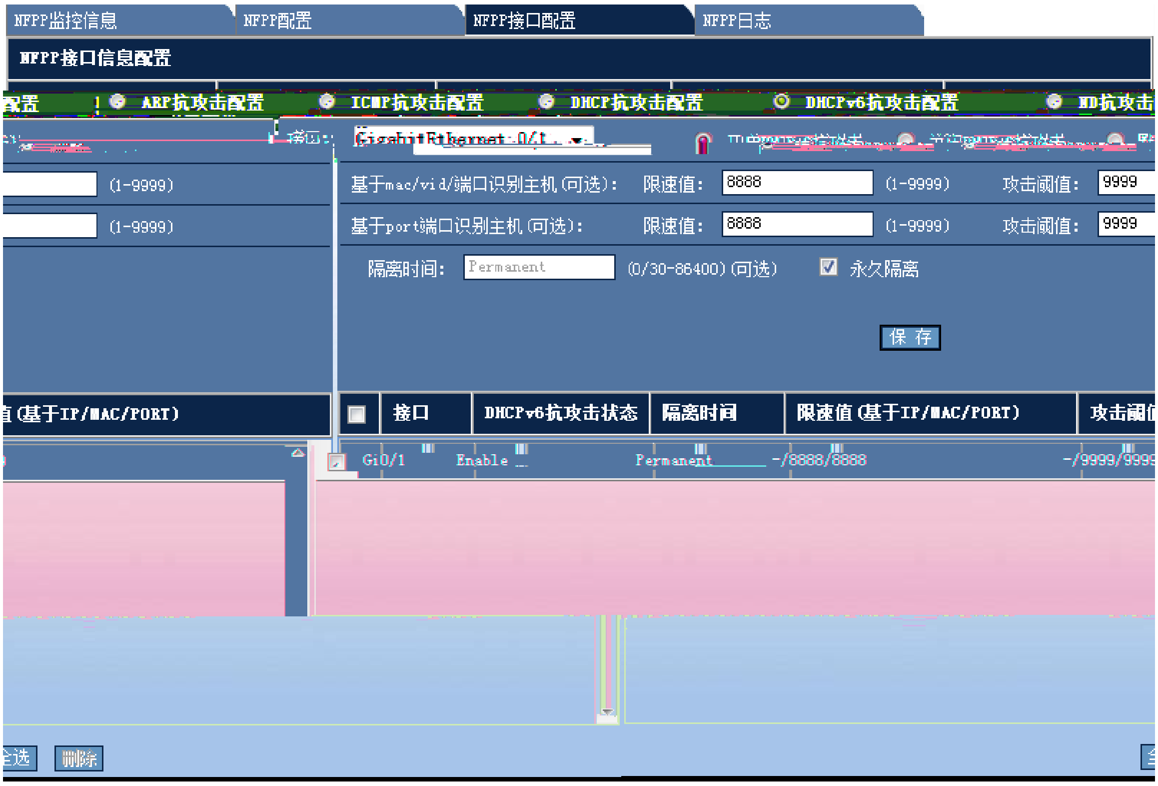
ﲨ 1-33 NFPP Ḥ —NFPP ₒ DHCP

DHCP Ð ρ o NFPP ぇ o ă U Ð ρ “ Ḡ ” ą

w U ψ ∓ w ض ă ↕ ỵ

4) DHCPv6 Ð ρ

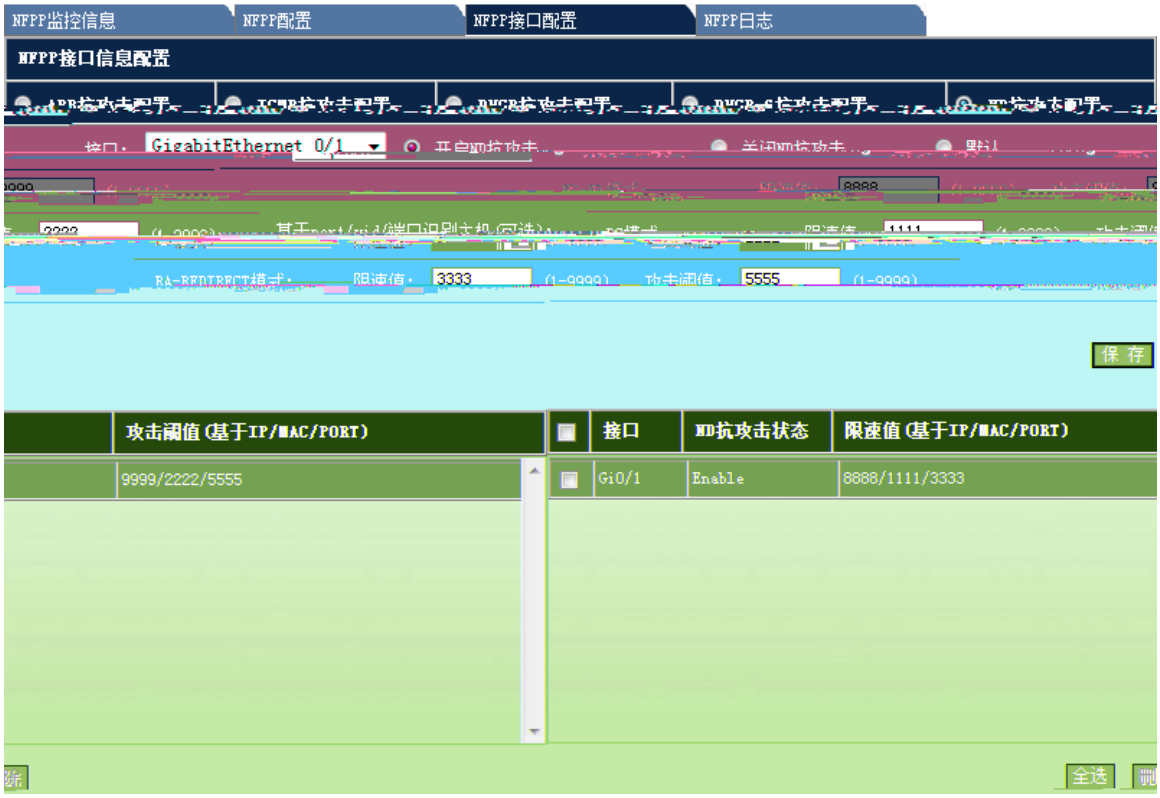
ぇ 1-



DHCPv6 Ꭰ ₒ NFPP ﺰ ₒ ᾰ U Ꭰ " Ḡ " ą
w U ᴪ Ŧ w ﺾ ᾰ ↕ ᵥ

5) ND Ꭰ

ﺰ 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 ↕ ų

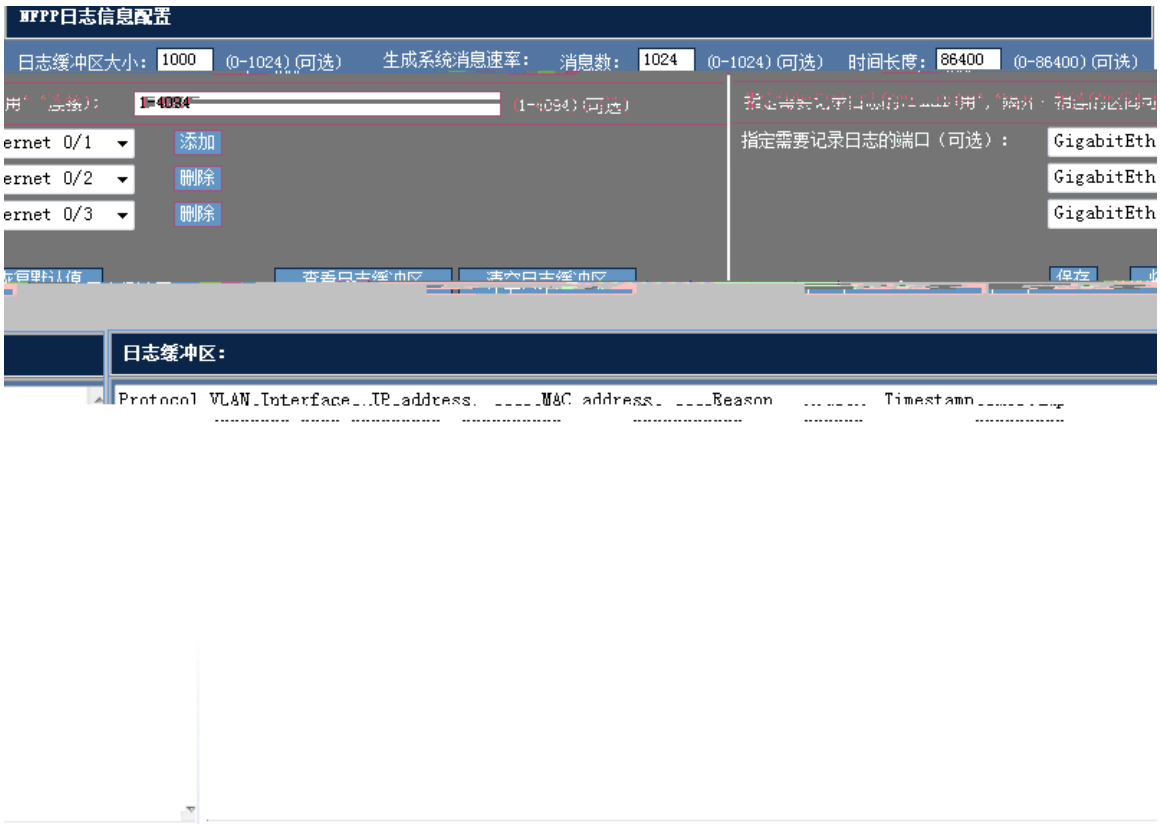
NFPP

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
1024/8640

NFPP

1-37



1.6

1.6.1 ARP

ARP

ARP

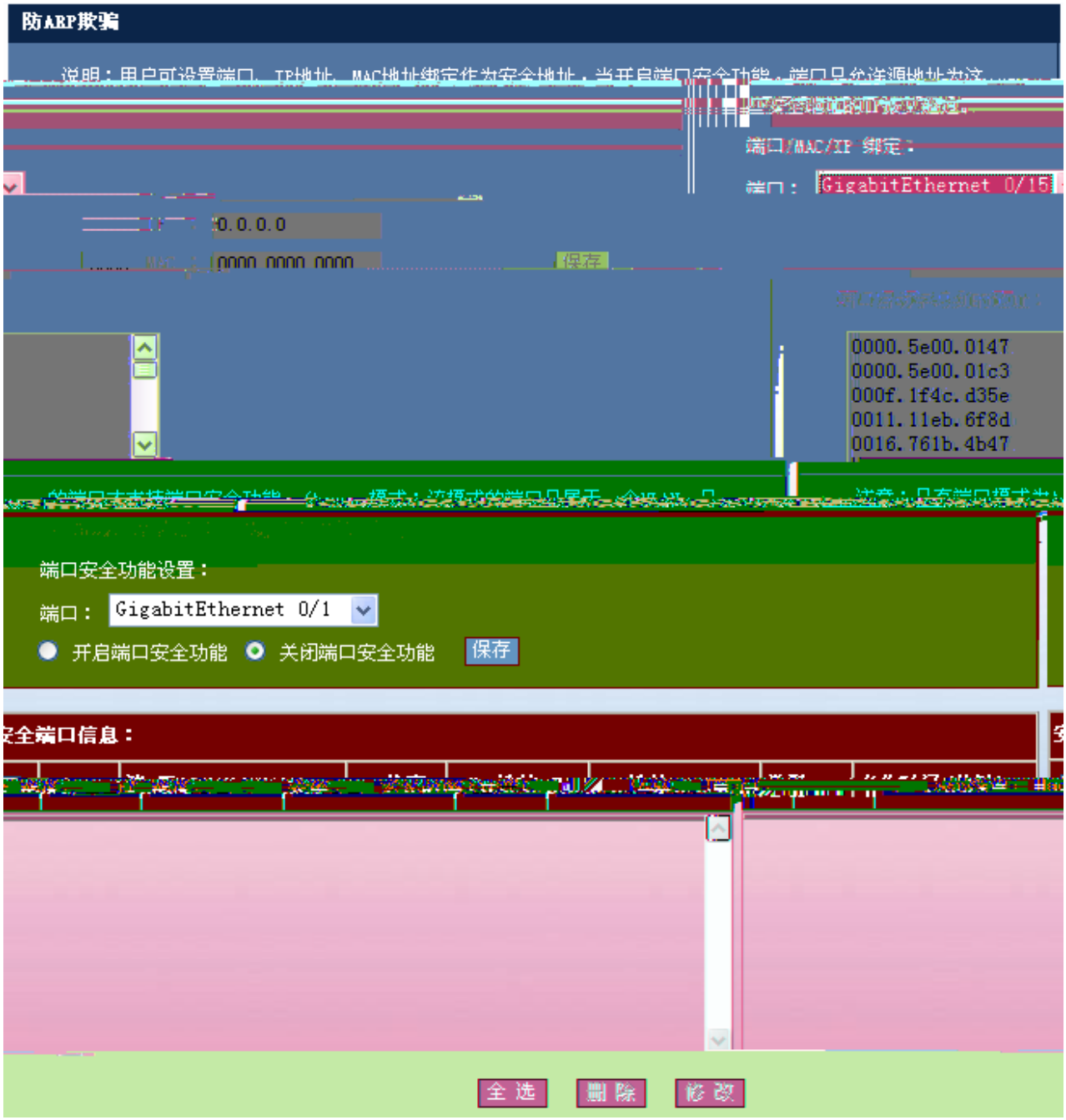
1-38 ARP

1.6.2 ARP

ARP

ARP

1-39 ARP



o /MAC/IP

o /MAC/IP o IP MAC U “ Ḡ ” ą

o MAC o Ψ o MAC GigabitEthernet 0/15

o U o MAC

o ɳ w

o U o o ɳ w Ψ o ɳ w Ψ o ɳ w Ψ 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

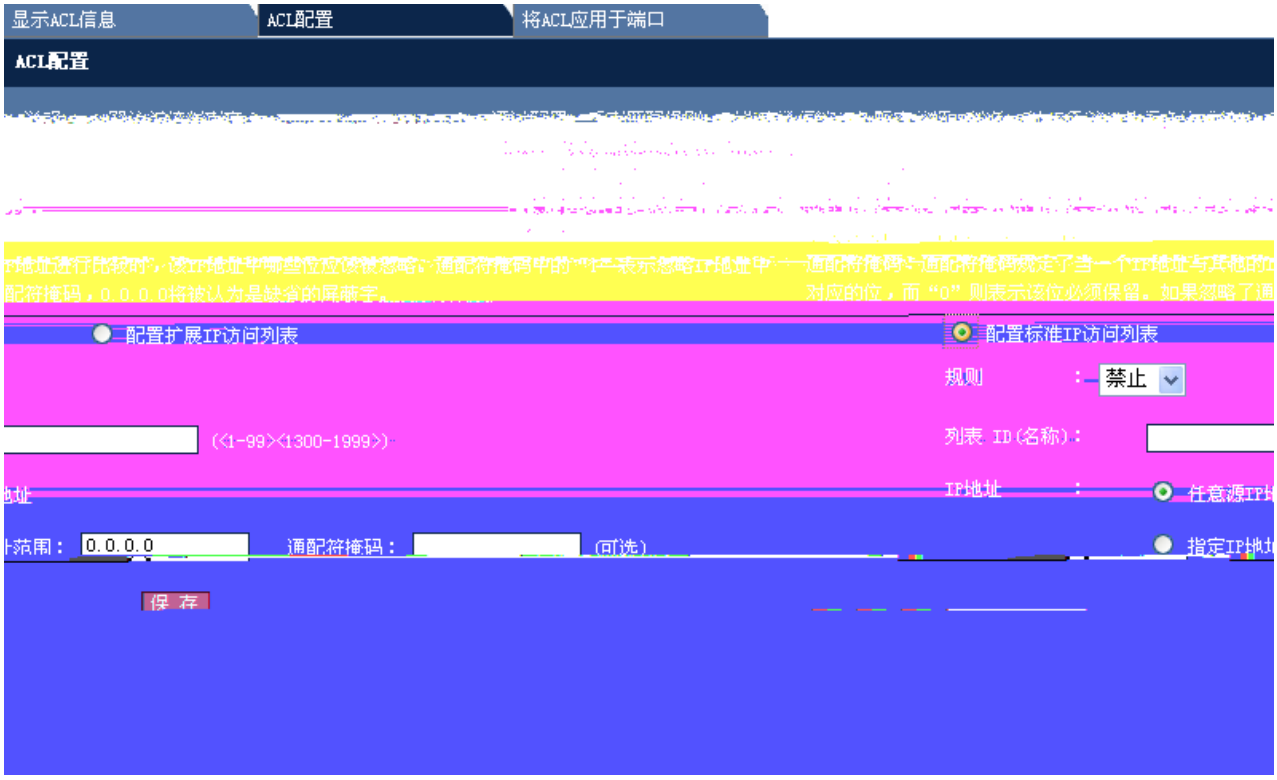
ACL

ACL Ḥ ACL Ḥ ACL ↓ ACL U Ḃ Ψ
ACL ACE – ACE U “ – ” ą –
ACL “ ŋ ” U ACE “ – ” ą

ACL

‰ IP ↓ Ɗ “ ‰ IP ↓ ” ϒ ‰ IP ↓

1-43 ‰ IP ↓



↕ ↓ ↕ “ ” “ ” ↕

↓ ID O ~ ‰ ↓ ˆ ˆ ~ ‰ ↓ O

IP IP IP ˆ U “

” ą

IP ↓ “ IP ↓ ” IP ↓

1-44 IP ↓

↕ ↓ ↕ “ ” “ ” ↕

↓ 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 [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

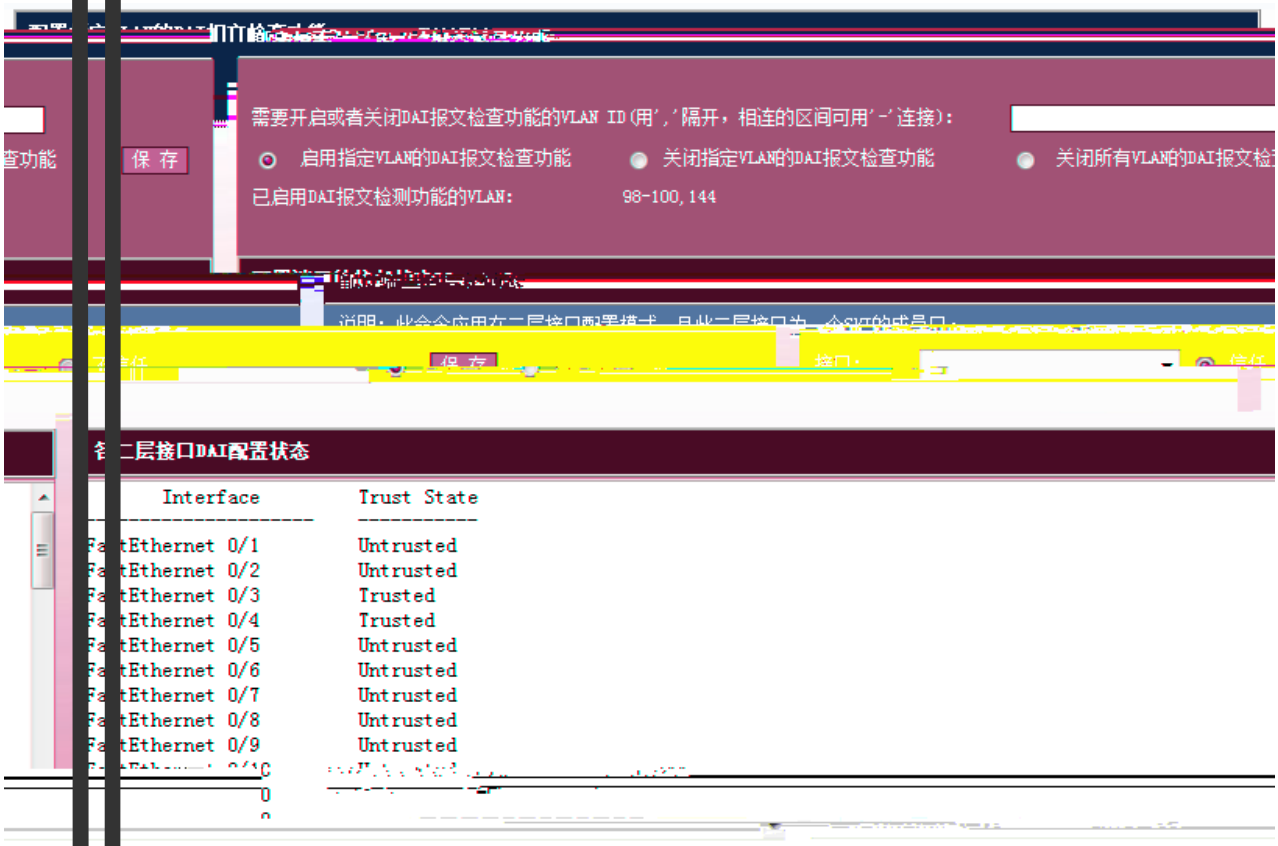
1.6.6 DAI

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

“GSN”

GSN

1-49 GSN

GSN

GSN GSN GSN

SMP server

SMP server v1 v2 v3 Community User U “ ”U

“ “

arp报文接收统计信息

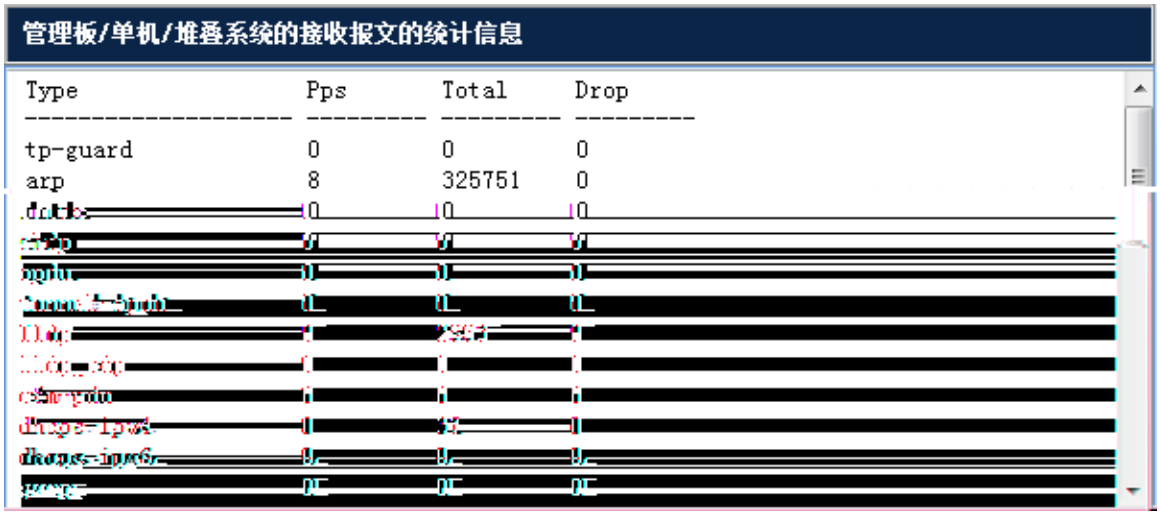
Slot	Type	Pps	Total	Drop
MainBoard	arp	10	324430	0

图 1-52 查看报文统计信息

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

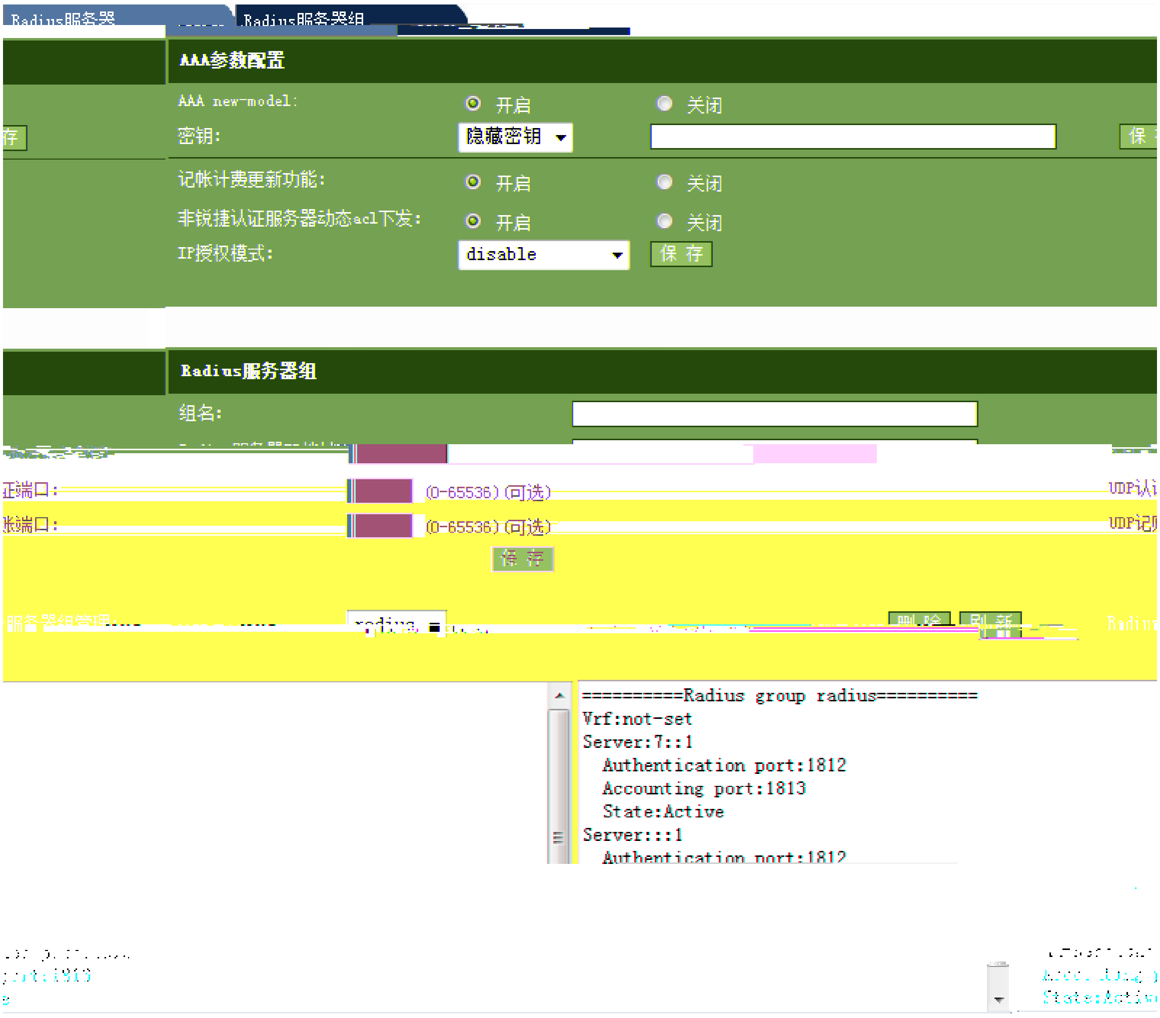
图 1-53 查看报文的带宽和优先级



1.6.9 RADIUS

RADIUS

1-54 RADIUS



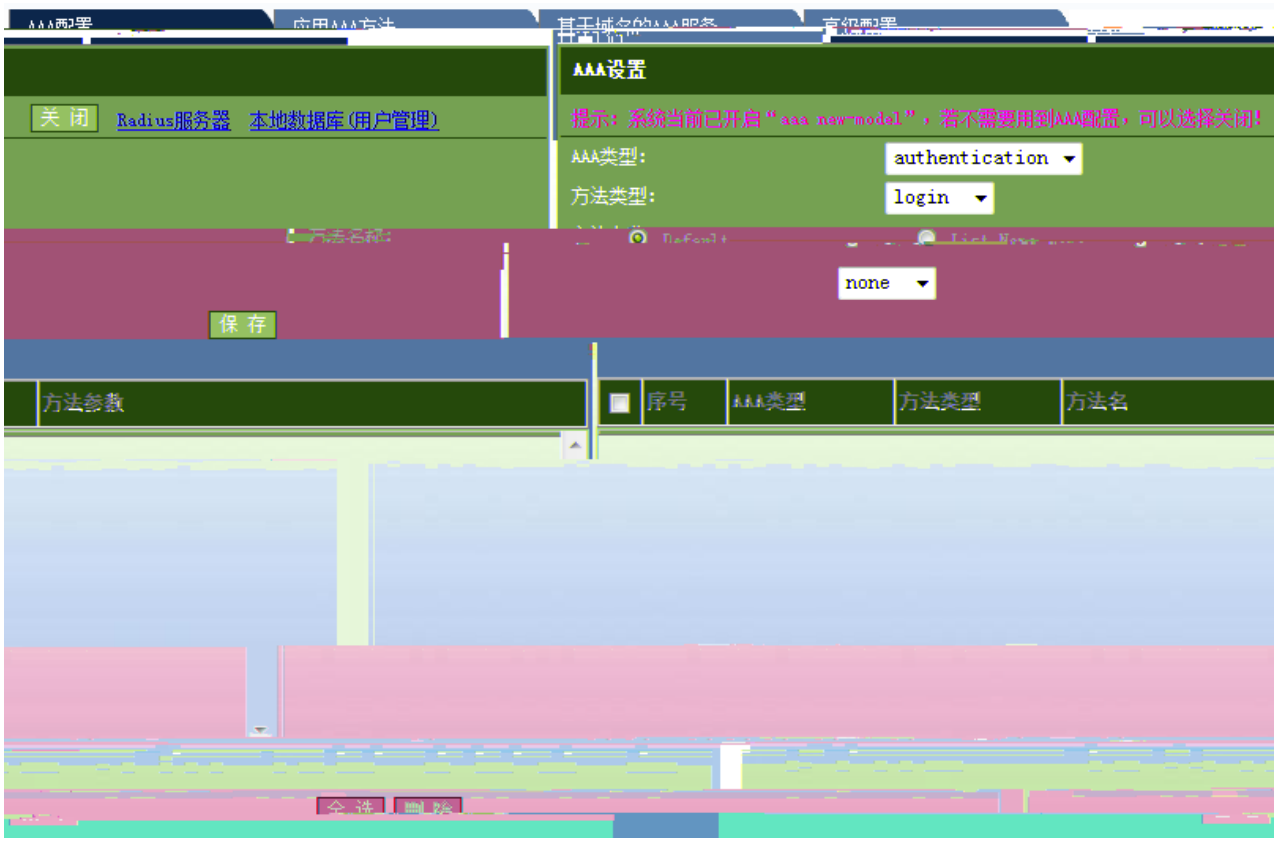
˜ ḱ ├ ک O ˜ ɐ ˜ RADIUS ├ ک IP ضي خ Ώ ├ ک ₒ ˜ Ꝺₚ “ Ğ ” ą ẅ U Ψ ₮ ẅ ض Ώ ₒ ˜ ↕ ą ۷ ض Radius ├ ک U – ├ ک Ꝺₚ “ – ” ├ ک –

1.6.10 AAA

ꞁ “ AAA ” ą ẅ

AAA

ࢨ 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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Đρ“ ”U ㅓ˜

AAA

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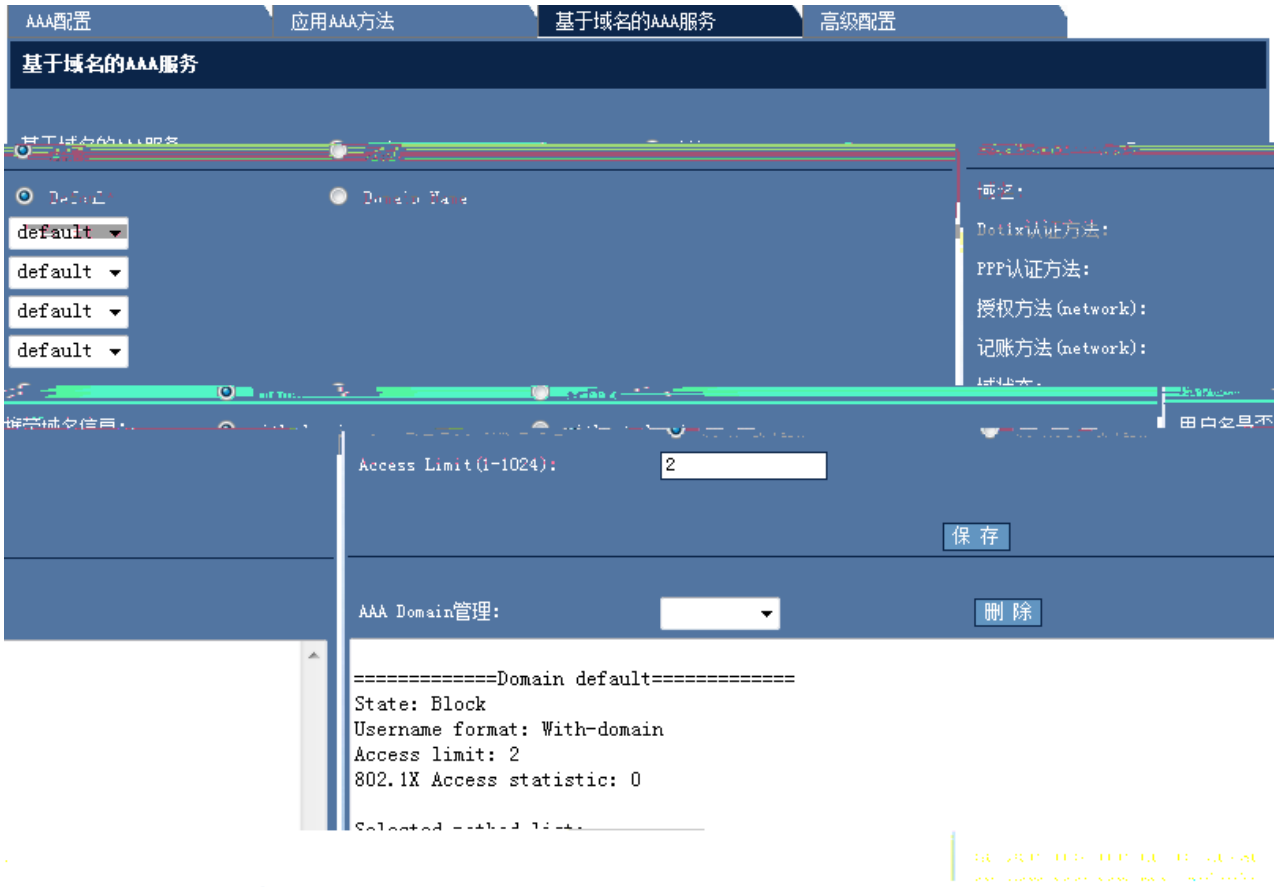
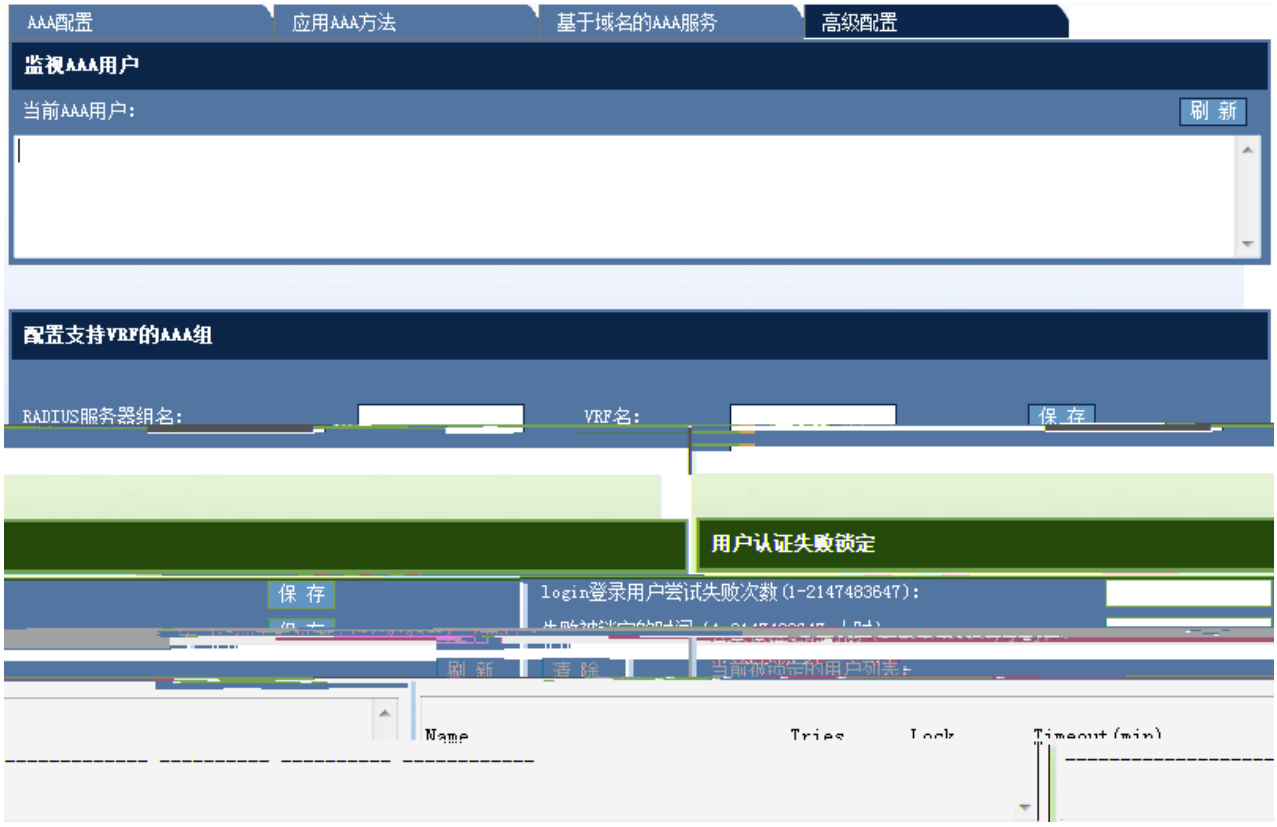


ѽ Ω ɢ O AAA Ⱶ O ǐ Dot1x PPP (network) (network)
O ϒ O Ḥ Access Limit Ḥ U Đρ“ Ğ ” Ḥ ض

– ض AAA Dom



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1.6.11 Dot1x

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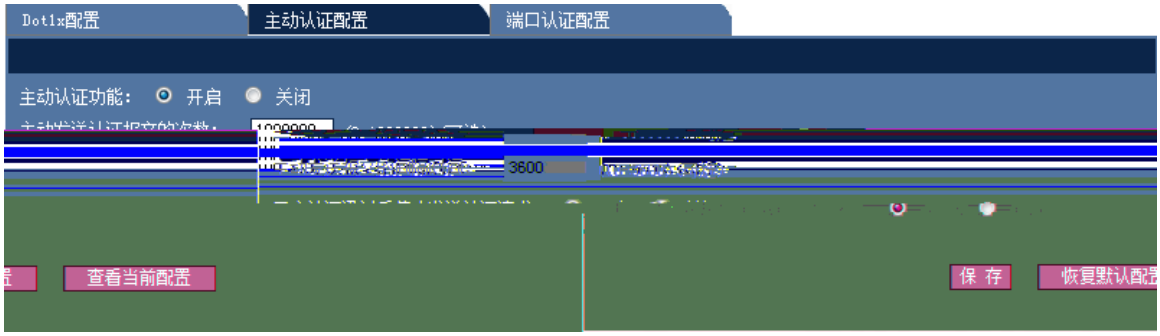
Dot1x

ɔ 1-60 Dot1x

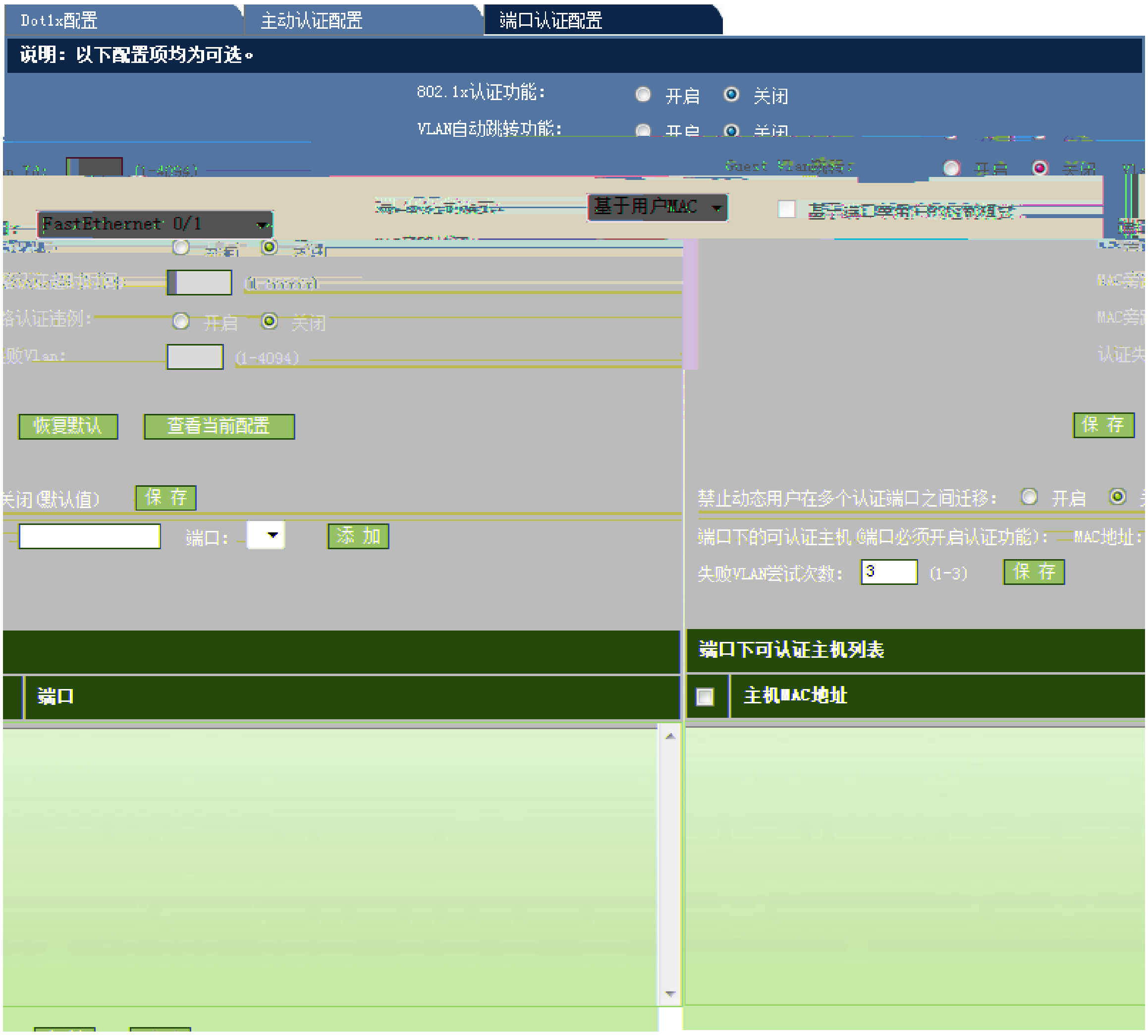
Dot1x

Dot1x

1-61



1-62



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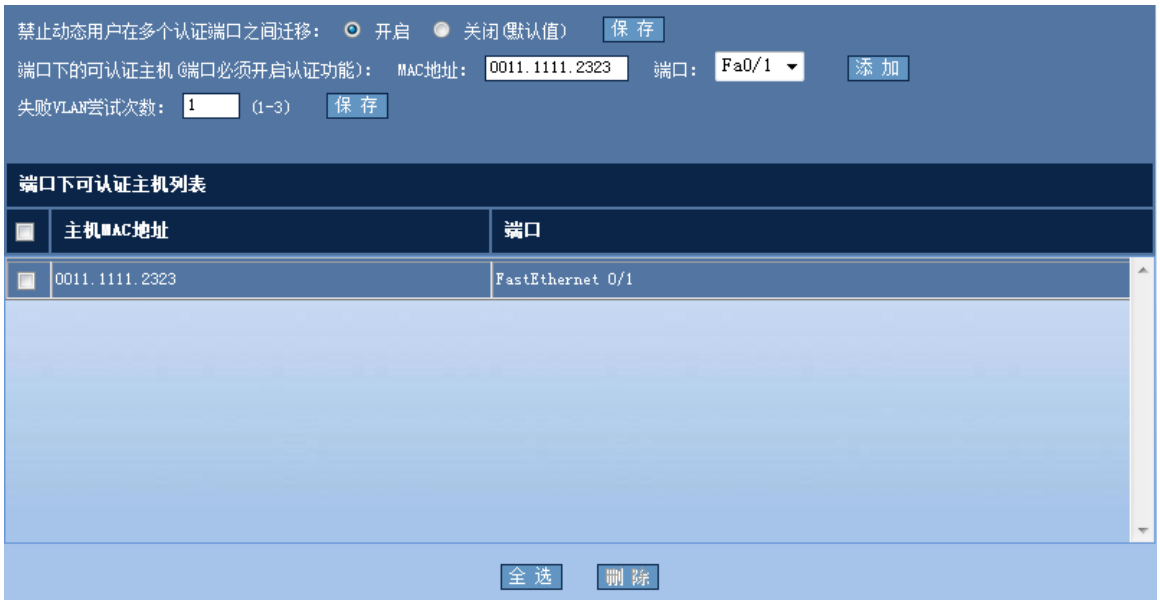

禁止动态用户在多个认证端口之间迁移：
开启
关闭(默认值)
保 存
端口下的可认证主机(端口必须开启认证功能)：
MAC地址：
0011.1111.2323
端口：
Fa0/1
添 加
失败VLAN尝试次数：
1
(1-3)
保 存
端口下可认证主机列表
主机MAC地址
端口
0011.1111.2323
FastEthernet 0/1
全 选
删 除

1.6.12

IP MAC

IP MAC MAC U “ ”

ARP IP MAC U “ ”

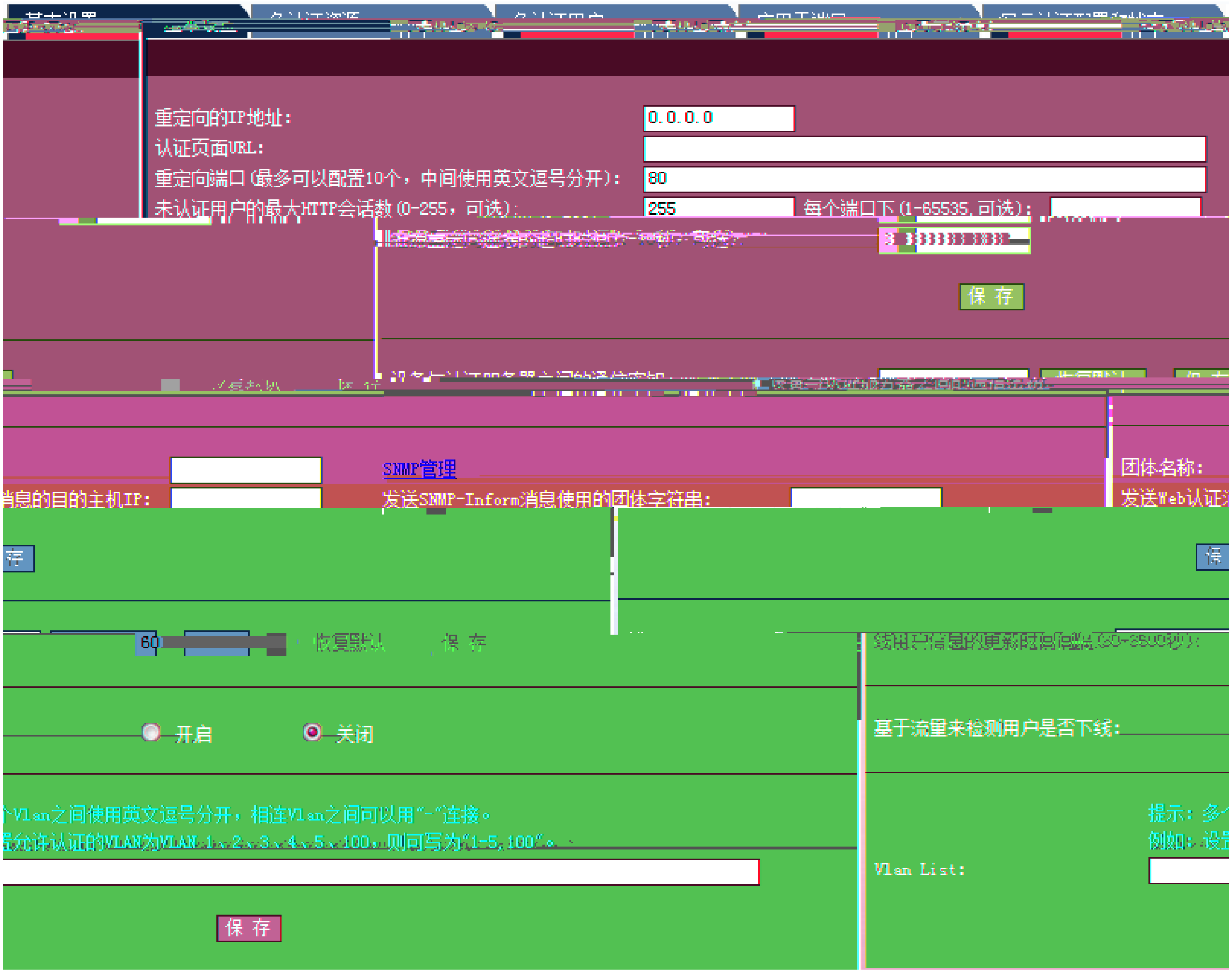
1-65 ARP

1.6.13 WEB

“ web ”

web

1-66 web



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

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IP

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IP

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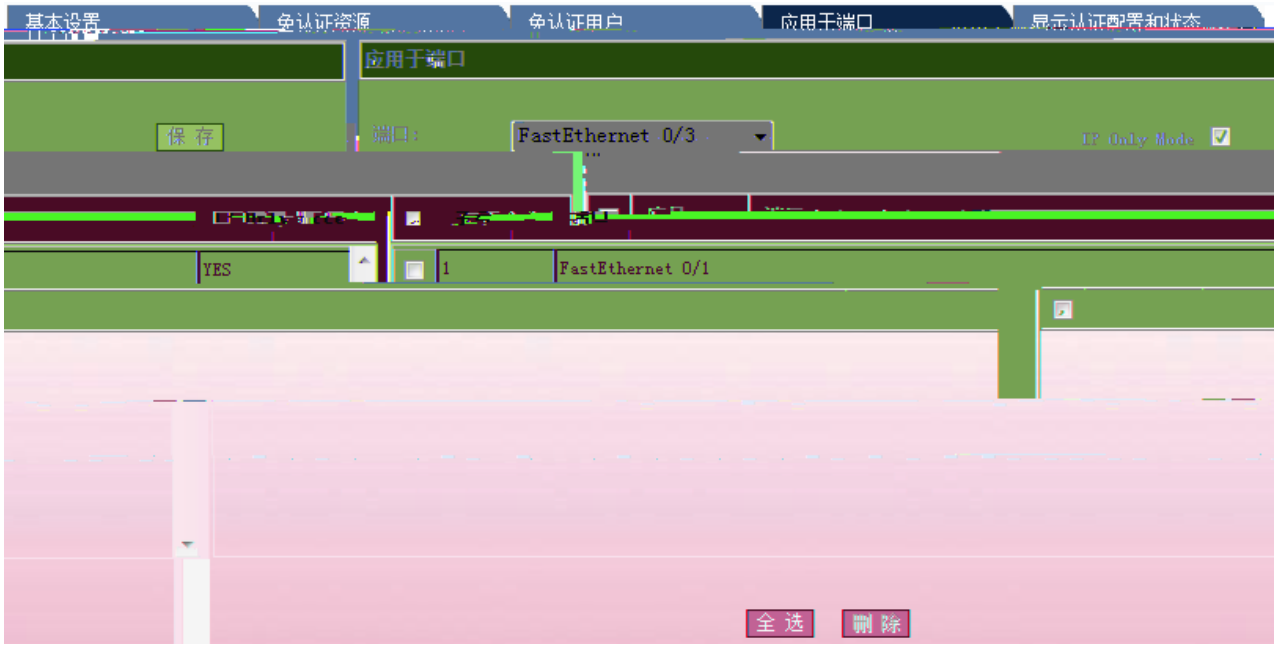

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1.6.14 DHCP Snooping

“ DHCP Snooping ”

DHCP Snooping

1-71 DHCP Snooping

DHCP Snooping

DHCP Snooping MAC

DHCP Snooping

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1.7 QOS

1.7.1

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1-72 №

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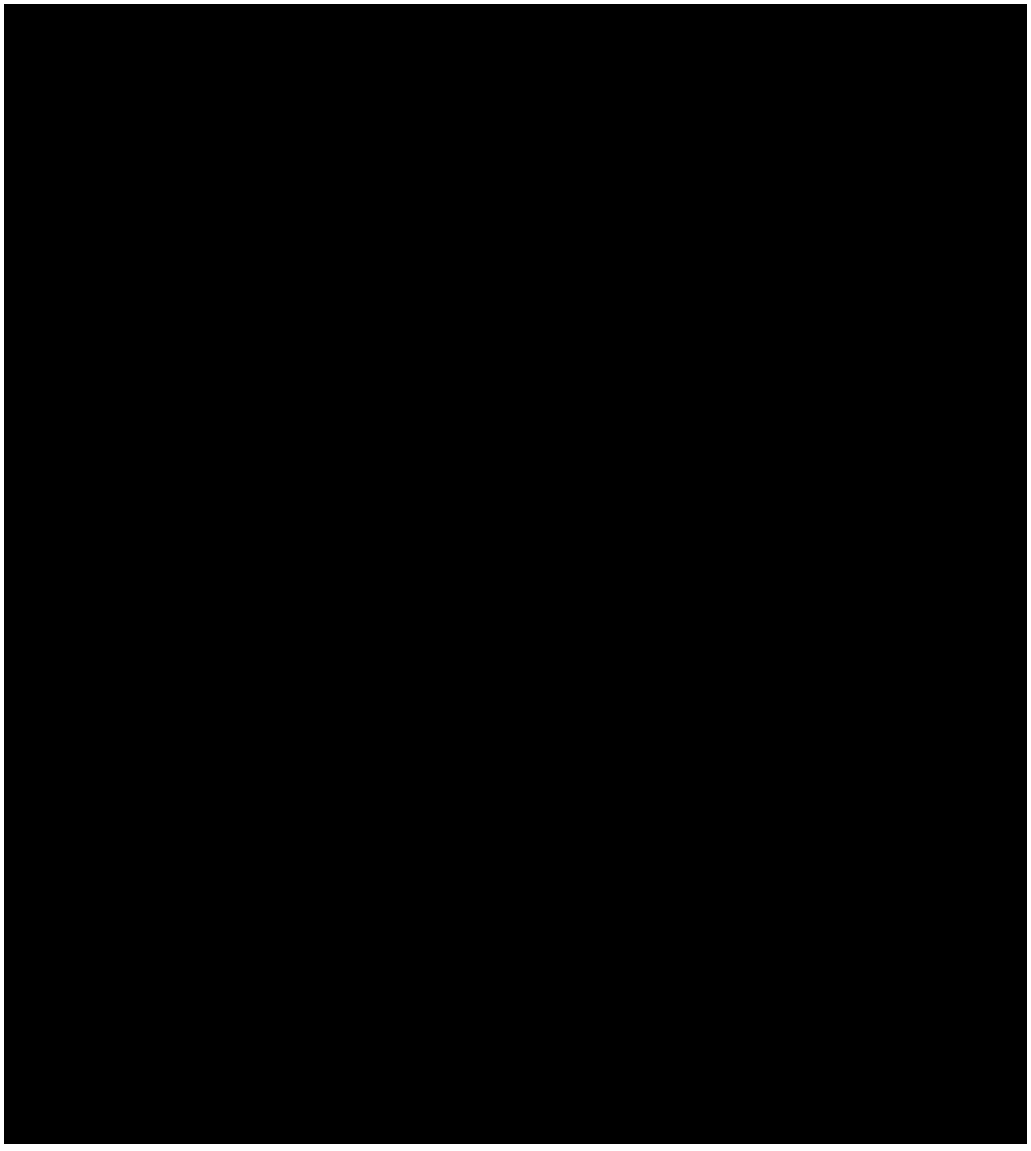

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1.7.4

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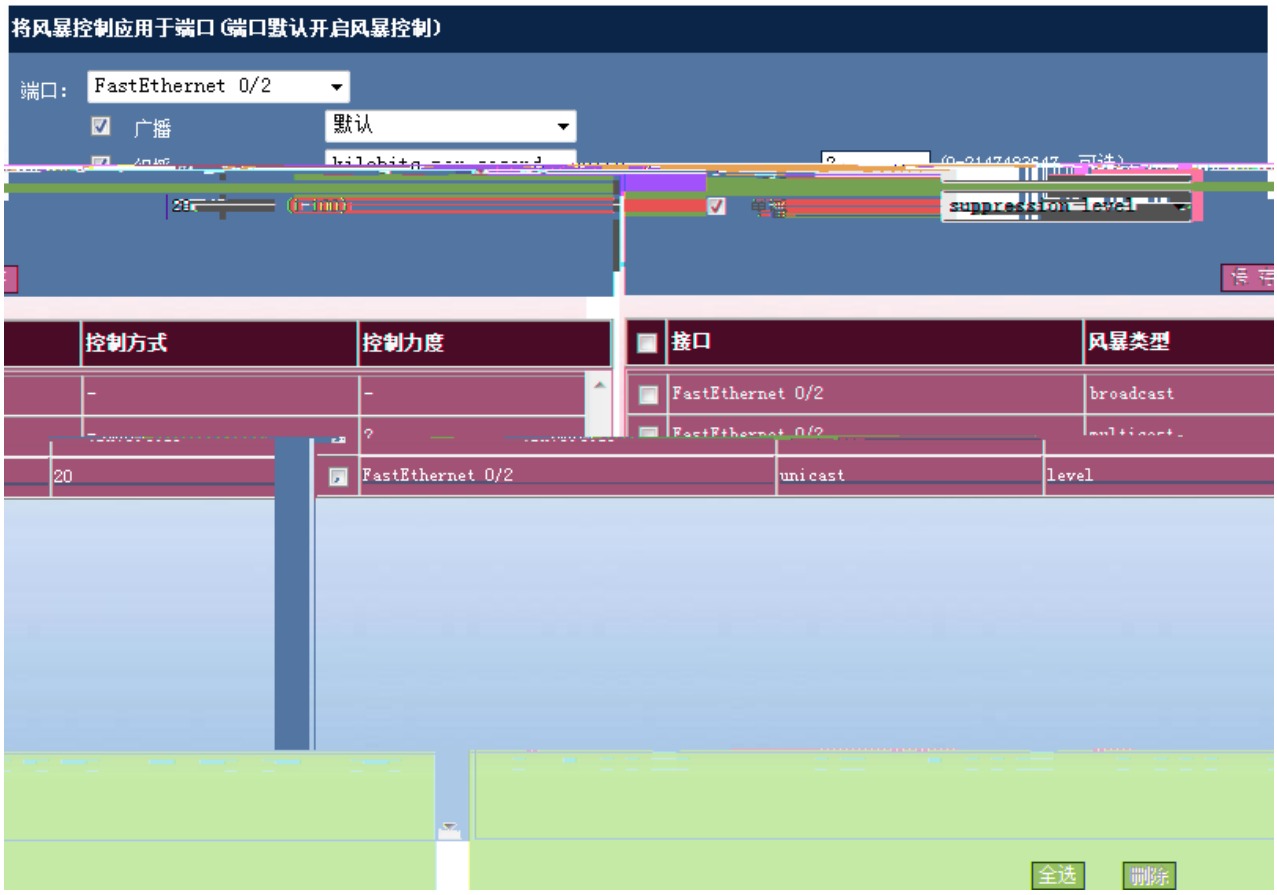

1.7.5

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1-76 o

基本配置
安全地址
安全地址绑定
保 存
Vlan ID
接口
类型
MAC地址
FastEthernet 0/5
sticky
1000.0000.0003
2
全 选
删 除

Mac VLAN ID


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
FastEthernet 0/1
1000.0000.0000
10
1.2.3.3
全 选
删 除

1.8

1.8.1

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

1-80

当前配置

```
Building configuration...
Current configuration : 12931 bytes
!
version RGNOS 10.2.00(3), Release(30355)(Tue Mar 11 19:23:0
23195A44470348C)
!
!
!
vlan 1
 name vlan1
!
vlan 2
!
vlan 3
!
vlan 4
!
vlan 5
!
vlan 6
!
vlan 7
```

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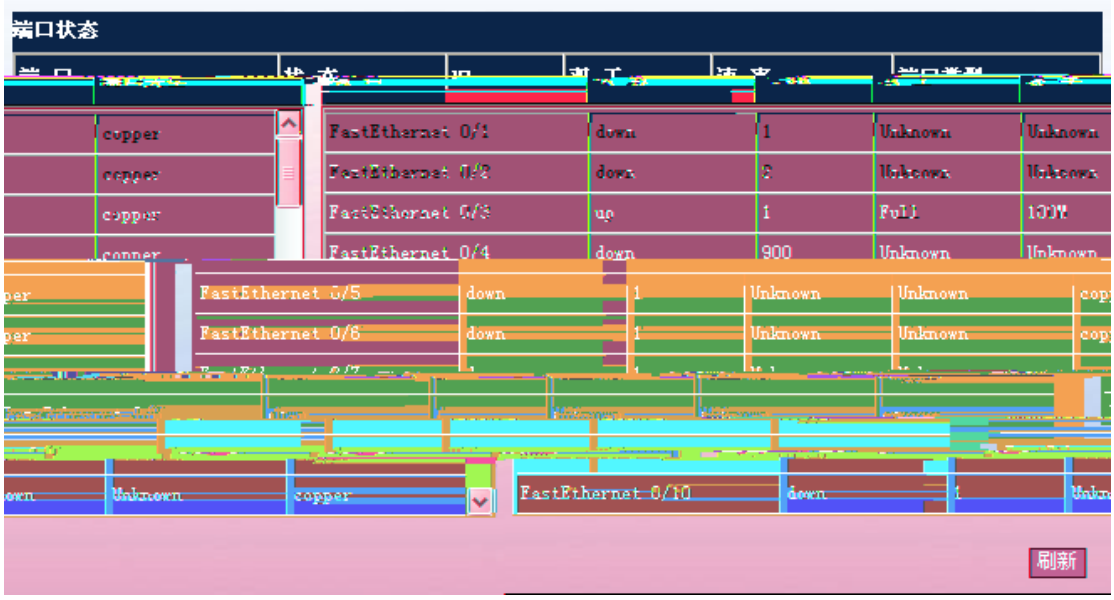
1.8.3

1-81



1.8.4

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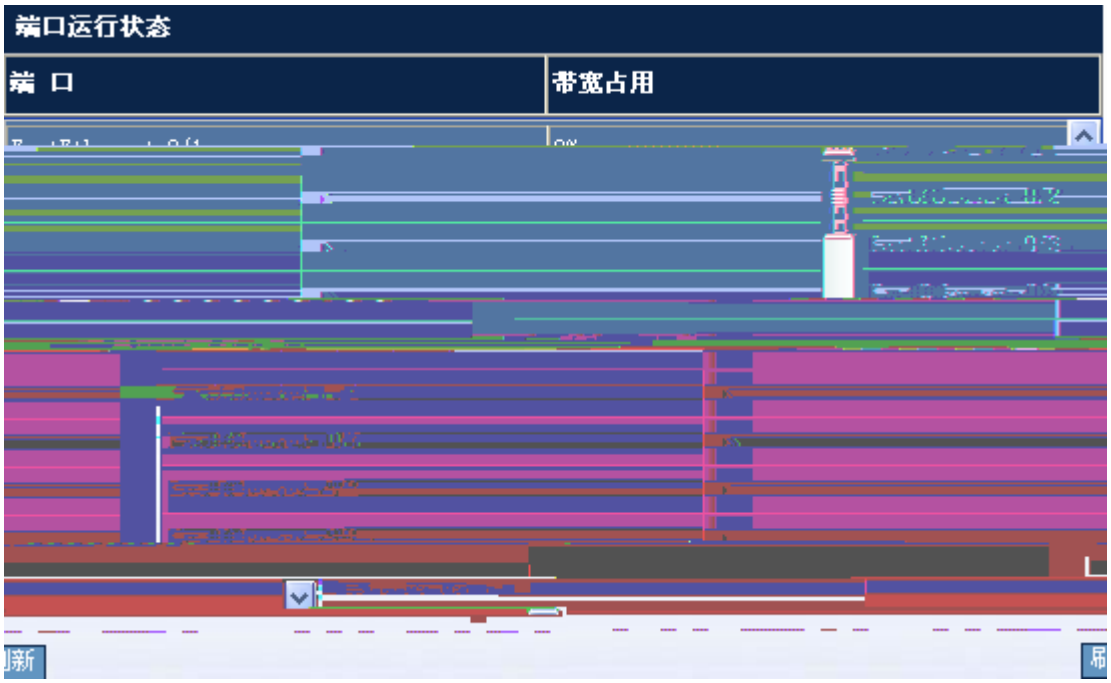

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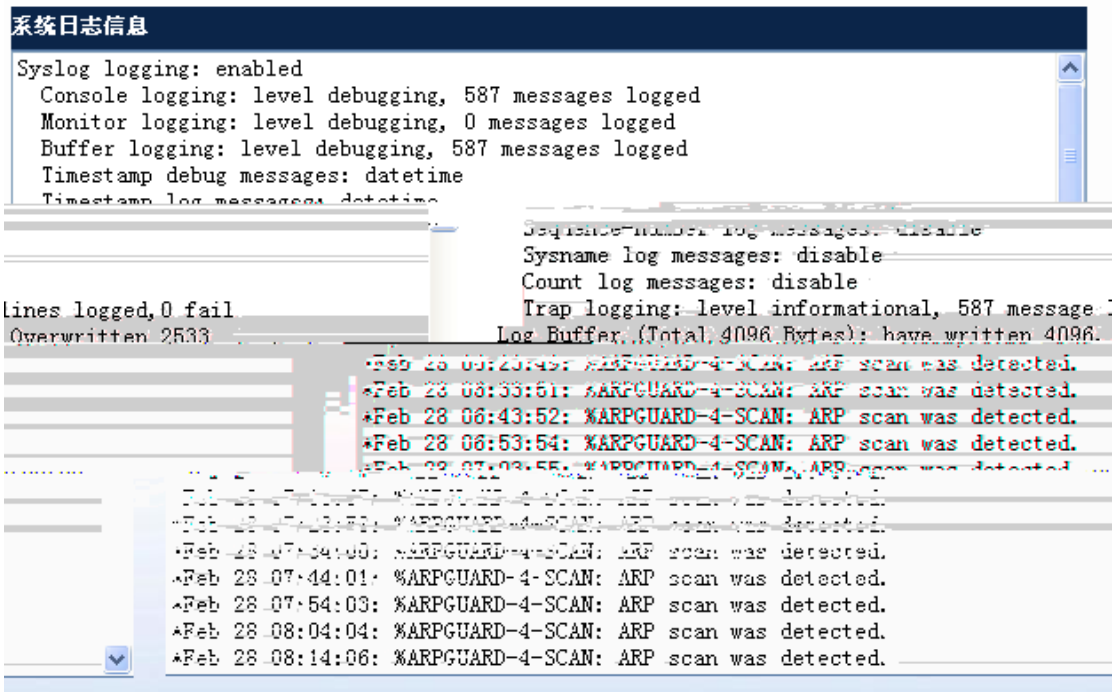


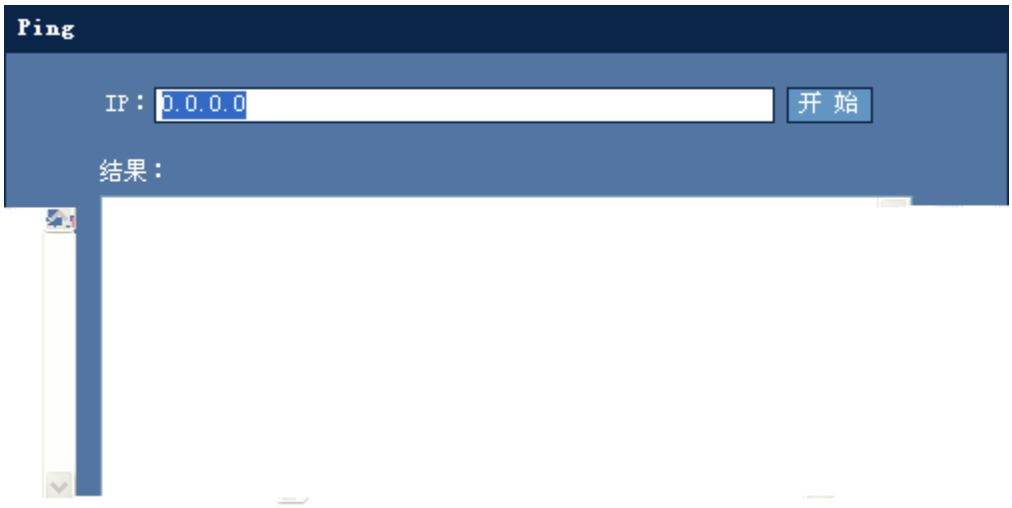
1.9

1.9.1 Ping

“Ping”

Ping

1-85 Ping

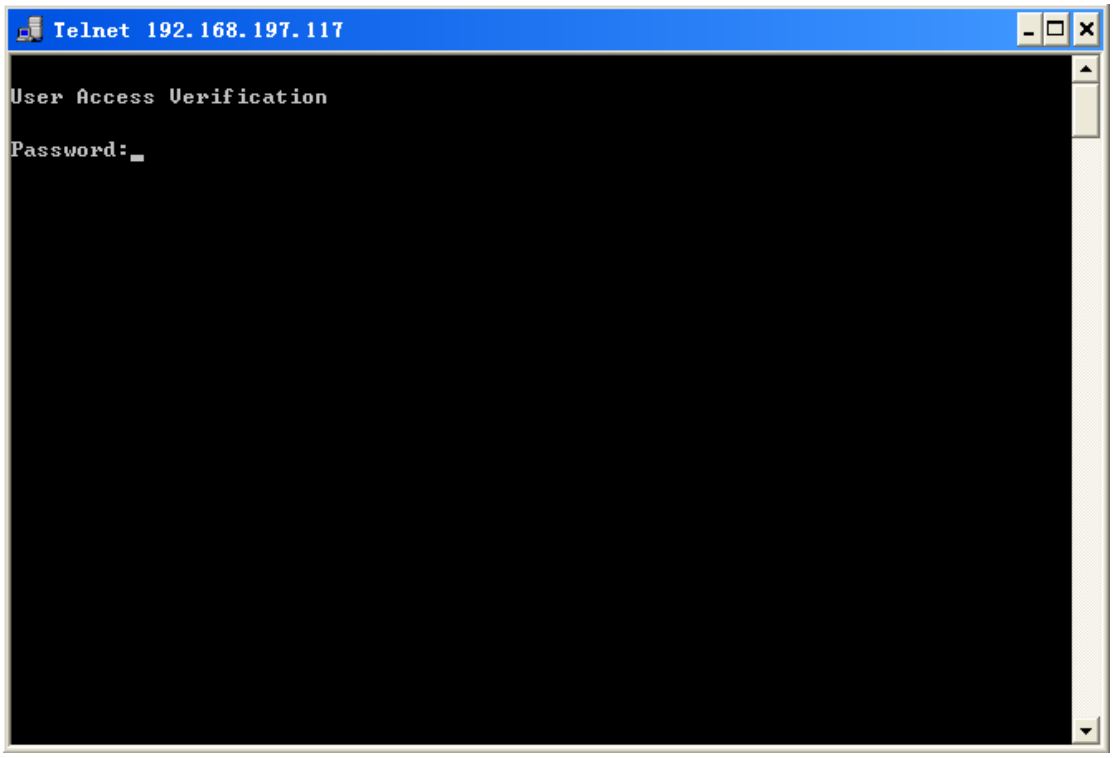


1.9.2 Telnet

ч “ Telnet ” ą w

Telnet

ъ 1-86 Telnet



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1.9.3

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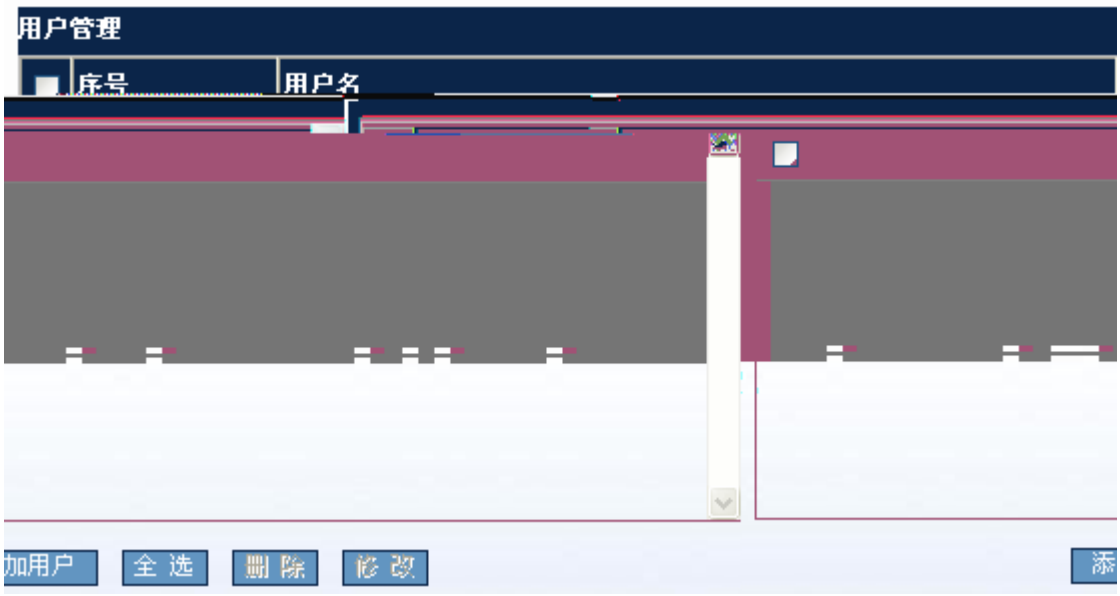

“ ”

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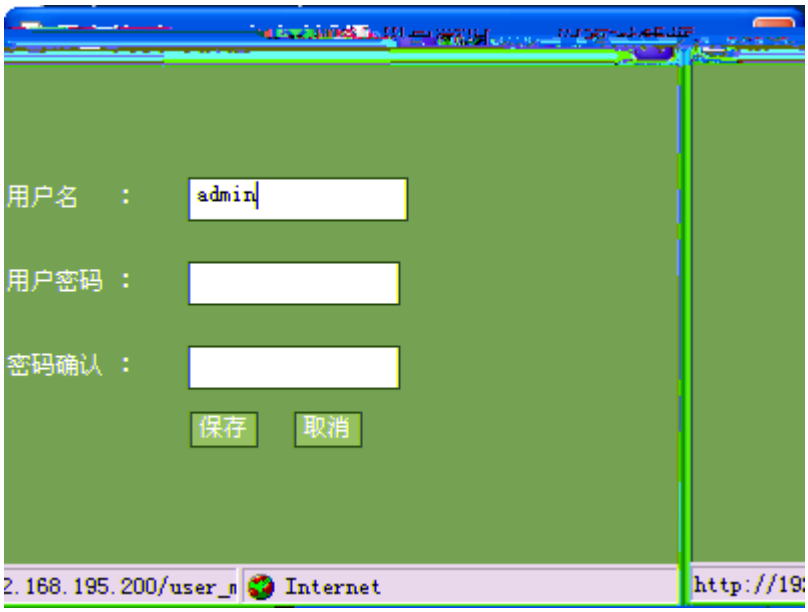
“ ”

“ ”

“ ”

1-89



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ќ Telnet 。 Ɒ

ќ Telnet。 Ɒ ~ 。 Ɒ U “ Ḡ ” ą

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~/ ₹

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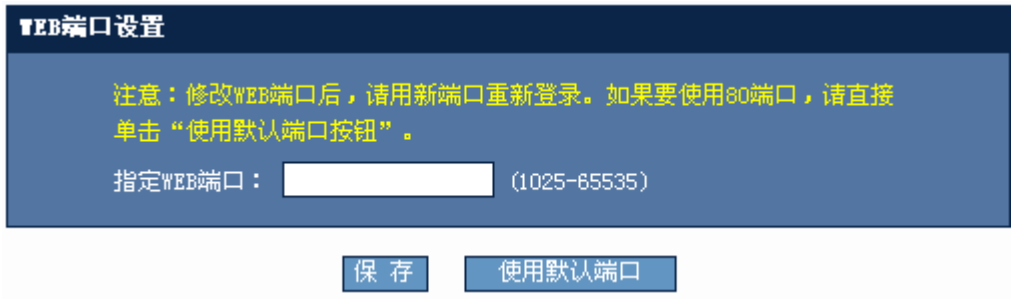
config.text TFTP IP TFTP “ ” config.text TFTP “ ” TFTP

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 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
```

O 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 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-encryption
```

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