WEB

RG-AS2T

RGOS 10.4(3b16)p5

V1.0

Ḡ ΄Y ΐ ℗ ≠

∫ й ˜ κ ν¬ γ κ ν ΄Y ṗ κ ν № L м ќ D
ὶ ɾ ὶ ŋ № ɢ ᾳ

΄Y ᾳ ο ῳ

΄Y ṗ ц

RGOS 10.4 (3b16)p5

2

2

2

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

http://webchat.ruijie.com.cn

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

7 × 24 4008-111-000

http://bbs.ruijie.com.cn/portal.php

service@ruijie.com.cn

1)

[ ]   [ ]   № ضيثפ ˜

{ x | y | ... } ɾ ǚ

[x | y | ...] ɾ ǚ

// ĭ

2) ٳ

ӥ ٳ ضي ƀ ≢ ضر ˈ

1 WEB

1.1 WEB

WEB ą ݣ IE ´ ݣ

WEB ´ WEB Ⱶ ݣ ع WEB № WEB Ⱶ ݣ ض غ ǖ
ǘ WEB Ð ث פ ݘ WEB ݣ IE

1.2

1.2.1

ą WEB WEB ݣ ⌠´ WEB ´ PC
ˆ ˈ ἲ ˉ IPAD

ݣ IE6.0 IE7.0 IE8.0 ɣ ἳ № ɢ IE ݣ Ỹ maxthon ą ἲ ݣ WEB
ˆ Ŧ Ÿ

№ № 1024*768 1280*1024 ἳ 1440*960 ض ἲ № ˌ غ ˆ Ŧ

1.2.2

´ Ω WEB Ⱶ

´ WEB Ḥ

´ IP ضي

1.3 WEB

´ WEB Ⱶ ˜ Ω WEB Ⱶ ᾶ “ WEB ٳ ﻓﻤ ɒ ”

WEB	Enable	Enable

1.4 WEB

´ IP ῴ IP ضي ˆ ɣ WEB ˜

ض ݣ ضي ˜ IP ضي http://192.168.1.200, ݘ U ˜

1-1 Δ

U “ ” O

1-2

U ~ WEB

1-3 WEB

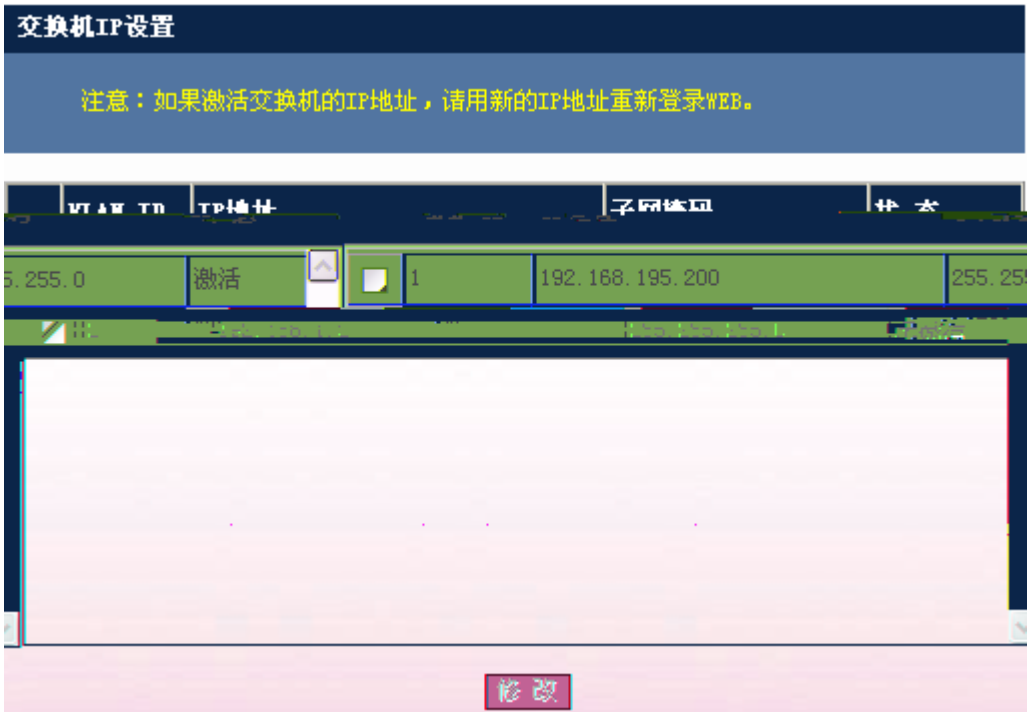
1.5

1.5.1 IP

IP

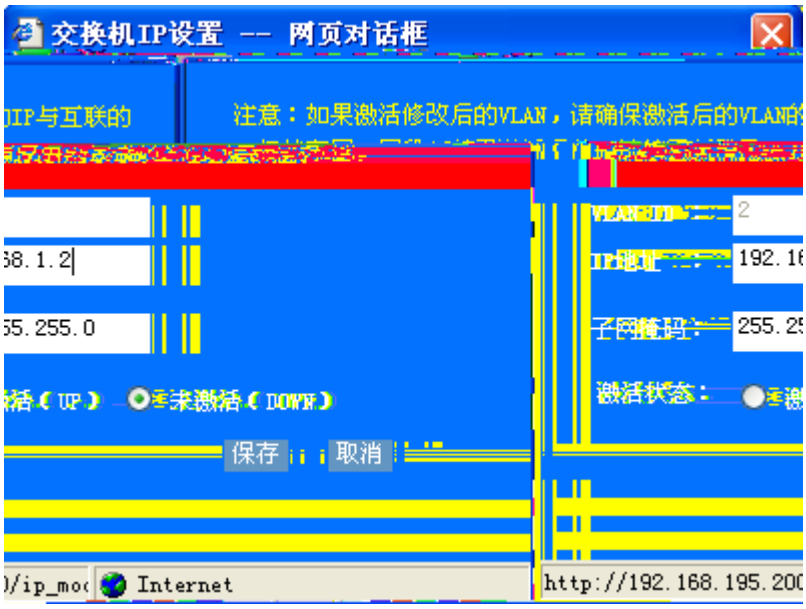
IP

1-4 IP



ќ ќ ´ ip “ ќ ” U ₮

ъ 1-5´ IP ќ



ˆ γ IP ضي ă ќ ќ U “ Ḡ ” ą

1.5.2 VLAN

ϒ “ VLAN ” ą w

VLAN

1-6 VLAN

VLAN

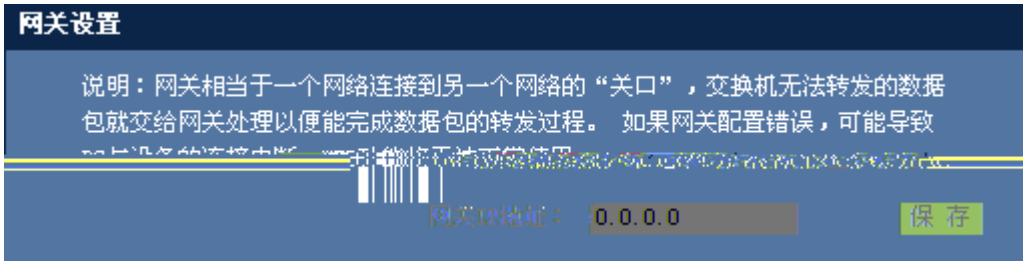
o é VLAN ID o U “ Ḡ ” ą

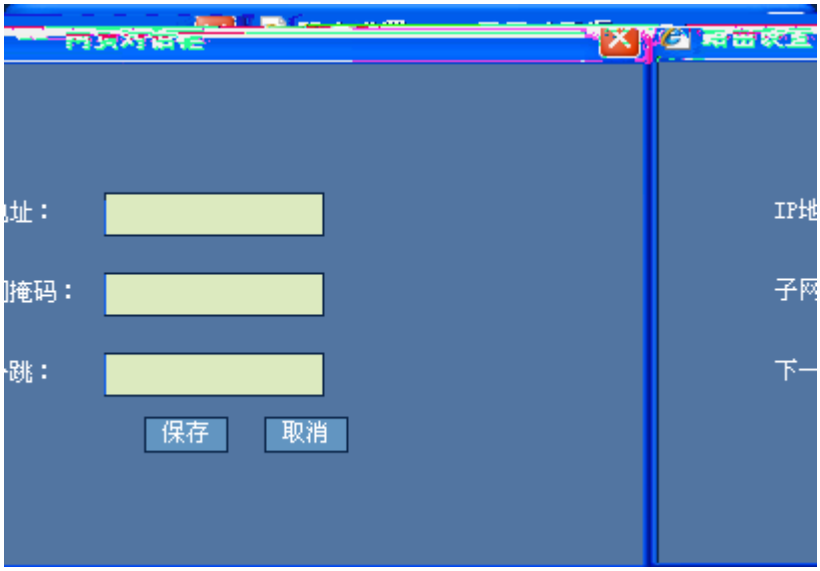
1.5.3

ϒ “ ˜ ”ą w w ´

˜

ϫ 1-10 ˜


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



˜ IP ضخي غ U “ Ḡ ” ą wU ٧ ض

– – “ – ” –

1.5.5

ا “ o ″E ” ą w

o ″E

يح 1-13 o ″E

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

1-15 يحـ

□ ˆ γ ο ₣ γ ǐ ο ν U “ Ḡ ” ą ο Ḡ ŭ ο “ ŭ ŋ ” ą

1.5.7

ϒ “ ¨ ο ” ą w

¨ ο

ϡ 1-16 ¨ ο

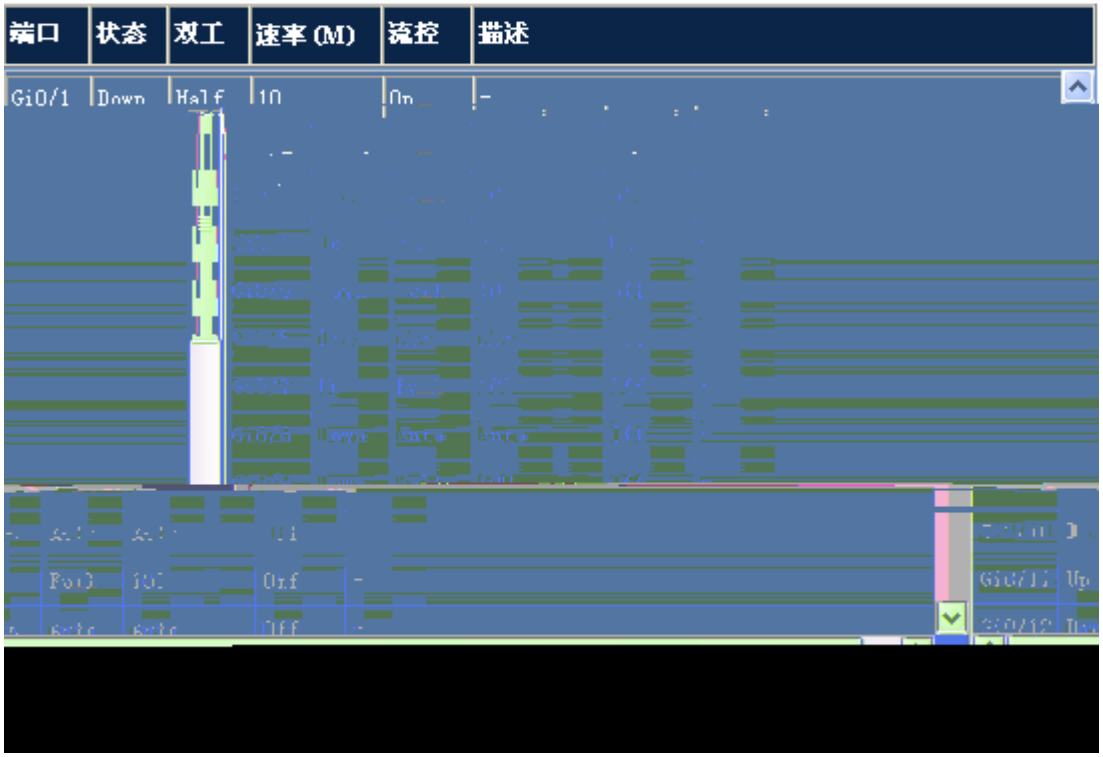

聚合端口设置
注意：若选择的算法为缺省算法，配置后将不显示！
流量平衡算法选择：
保 存
Help
聚合端口
最多成员端口数
二层端口
模式
成员端口
新 建
全 选
删 除

U “ Ḡ ” ą

o

o “ ” ₹

1-17 o



ο U ì ǎ U “ Ḡ ” ą ǎ ǎ

1.5.9

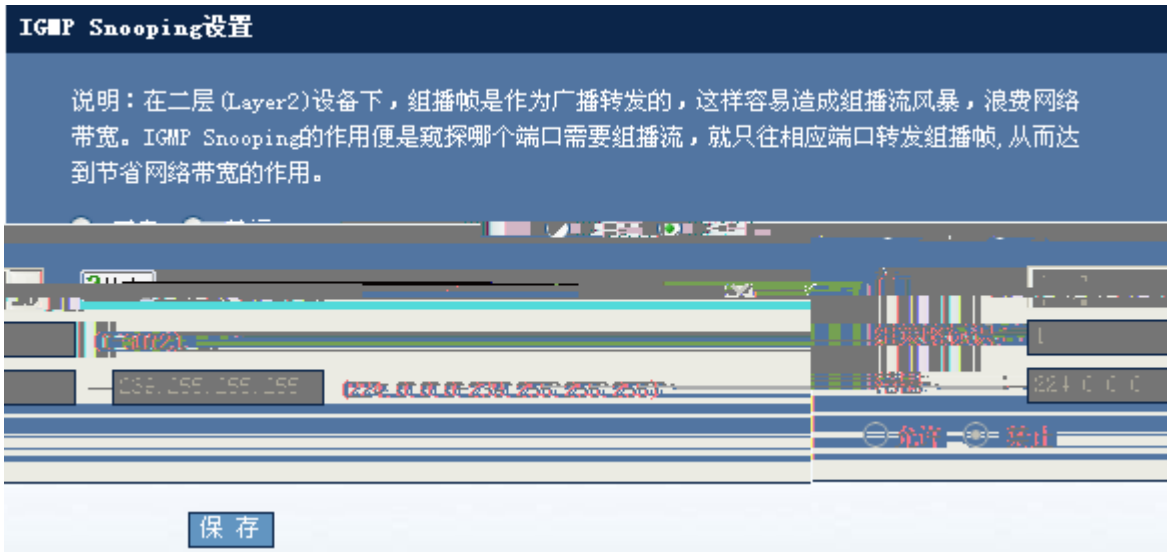
DHCP

DHCP

DHCP

DHCP DHCP

1.5.10 IGMP Snooping



IGMP Snooping w ώ “ Ω ” ι ί ˆ ˆ γ ɾ ivgl svgl ivgl-svgl ২ svgl ivgl-svgl ˆ γ IP ﻉ ă ă U “ Ḡ ” ą ˜ IGMP Snooping w ώ “ ˜ ” ι “ Ḡ ” ą

1.5.11 STP

ι “ STP ” ą w

STP

ﻉ 1-21 STP

“ Ω STP w ” “ Ḡ ” ą Ω STP w Ω MSTP ˜ ɣ MSTP Ḡ ｏ ｏ ｏ ع Ω BPDU Ꝺ “ Ḡ ” ą ｏ Ψ ｏ ’

ᢇ MSTP U Ψ MSTP ᴰ ѵ ع VLAN ˝E ض ᴰ -VLAN ᴰ ѵ ╠ U “ – ” – ᴰ -VLAN

1.5.12 SNMP

ᡶ “ SNMP ” ą w

SNMP

ﾍ 1-22 SNMP

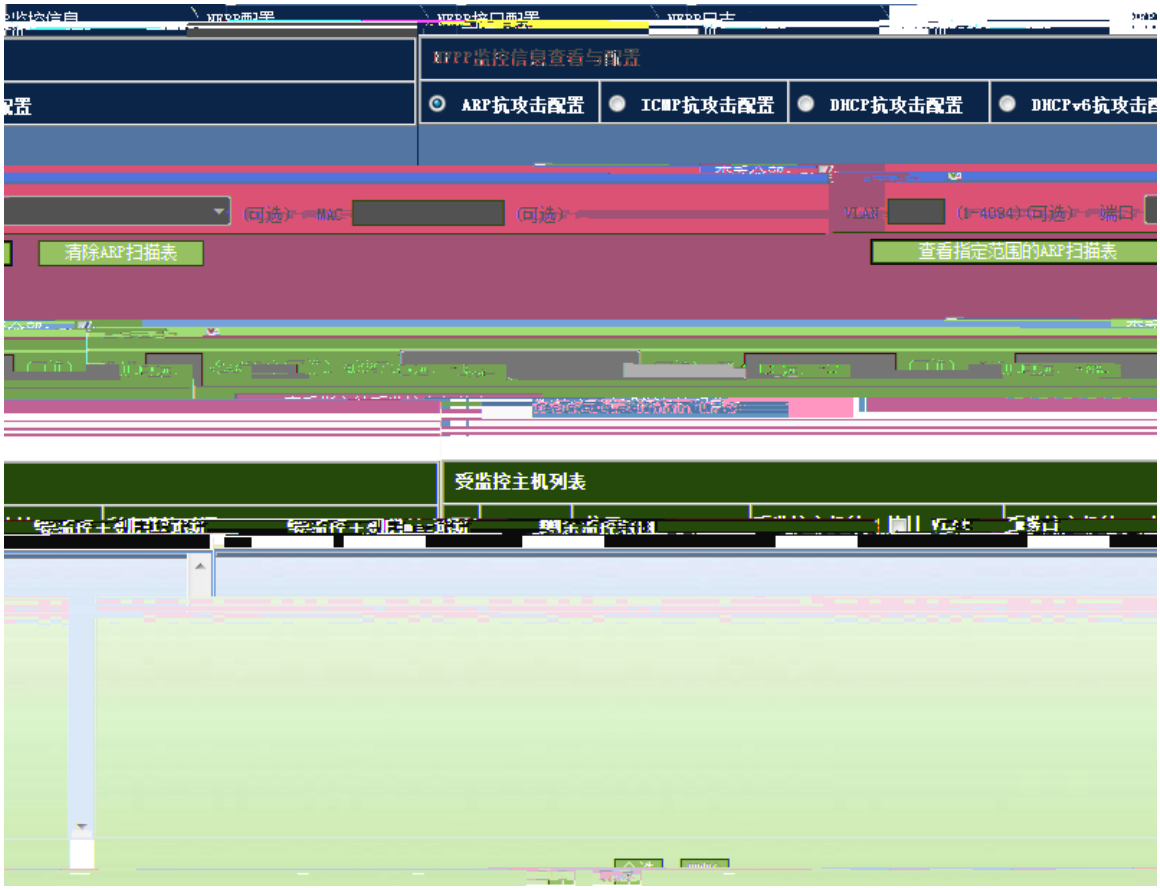
ȩ SNMP ʷ “ ȩ SNMP ” ˀ ˜ γ ﭭ ˛ O Ὼ ᾰ U “ Ḡ ” ą ˇ SNMP ʷ “ ˇ SNMP ” ˀ U “ Ḡ ” ą – ﭭ ˛ O – U “ – ” ą

1.5.13 NFPP

ˀ “ NFPP ” ą ʷ

NFPP Ḥ

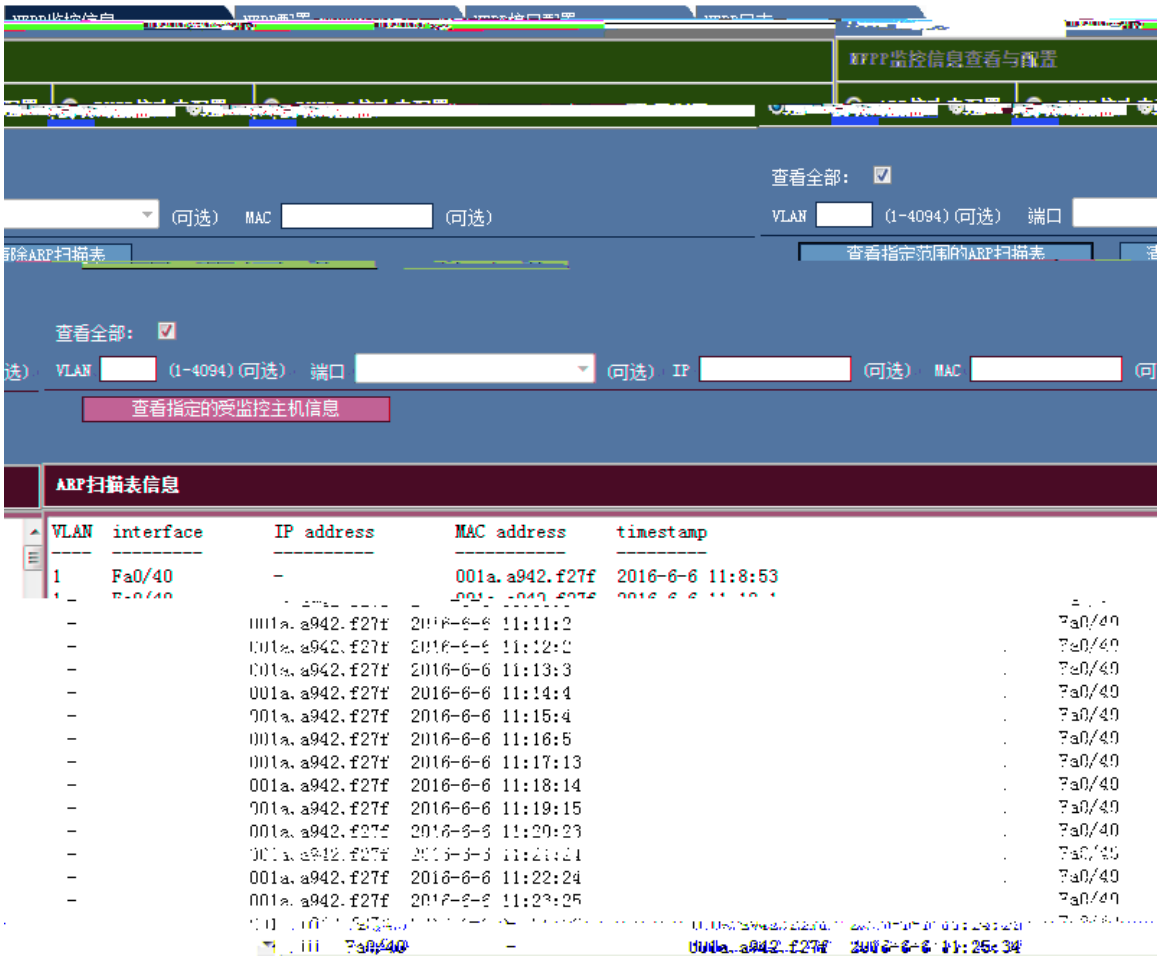
ﮕ 1-23 NFPP Ḥ



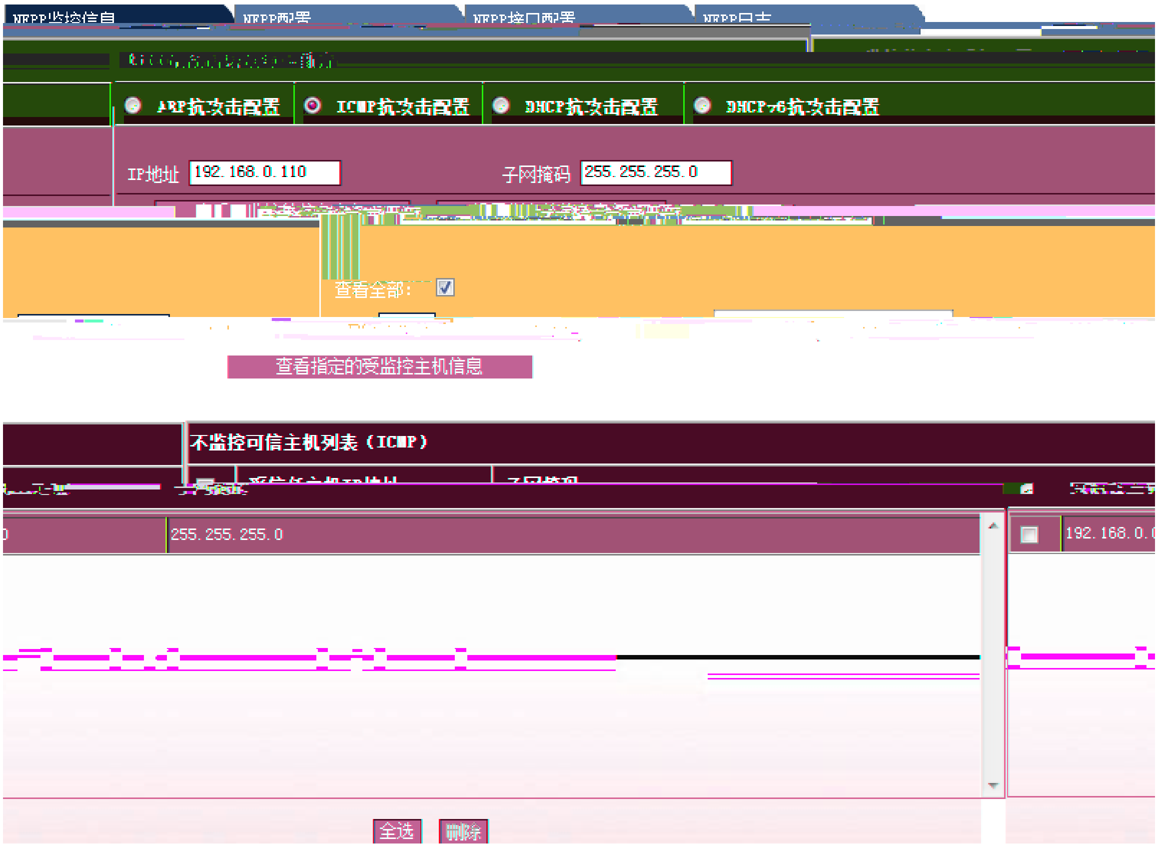
NFPP

1) ARP

1-24 NFPP H —ARP



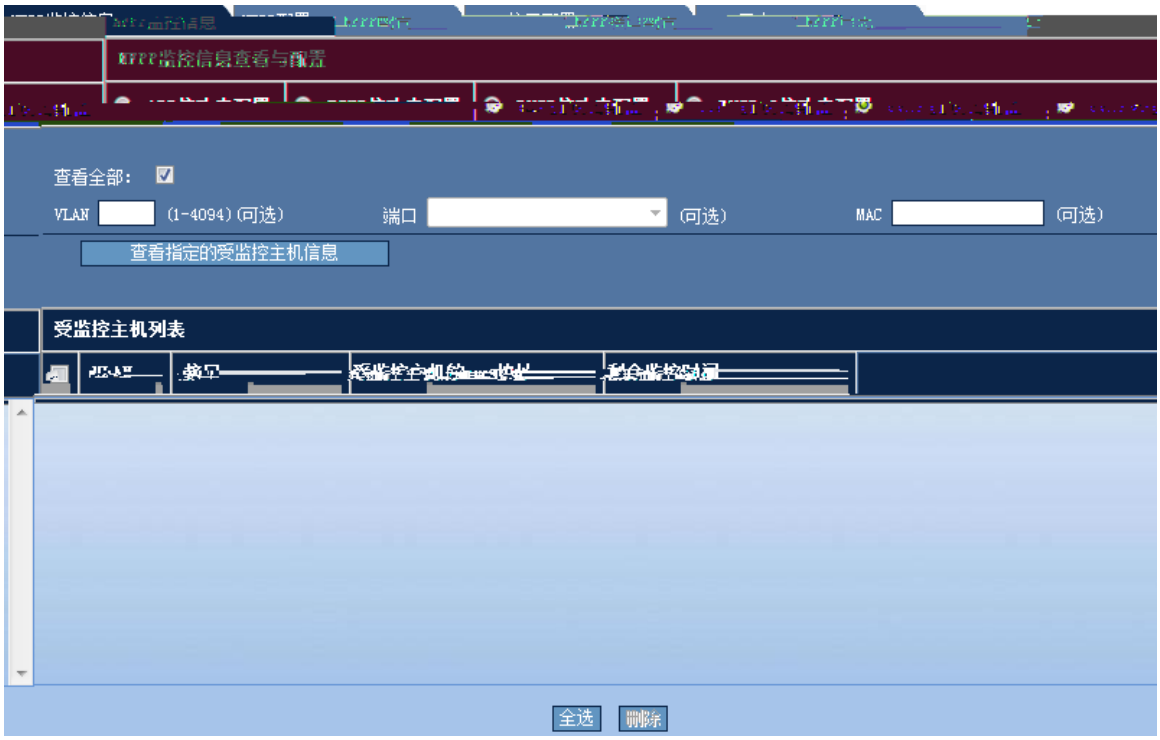
ARP Ð¿ Ḥ ¾ Ì Ḥ Ð¿“ ¾ ARP



ICMP Ɗᵨ Ḥ ỉ̂ Ḥ Ɗᵨ " Ḥ κ " ↕
Ḥ κ Ḥ ~ IP Ɗᵨ " Ḥ κ " ↕ ṗ
~ ⌠ Ḥ κ ↓ Ɗᵨ" ỉ̂ Ḥ " ↕ ἄ ỉ̂ Ḥ "
ŋ " ↕ ỉ̂ Ḥ

3) DHCP Ɗᵨ

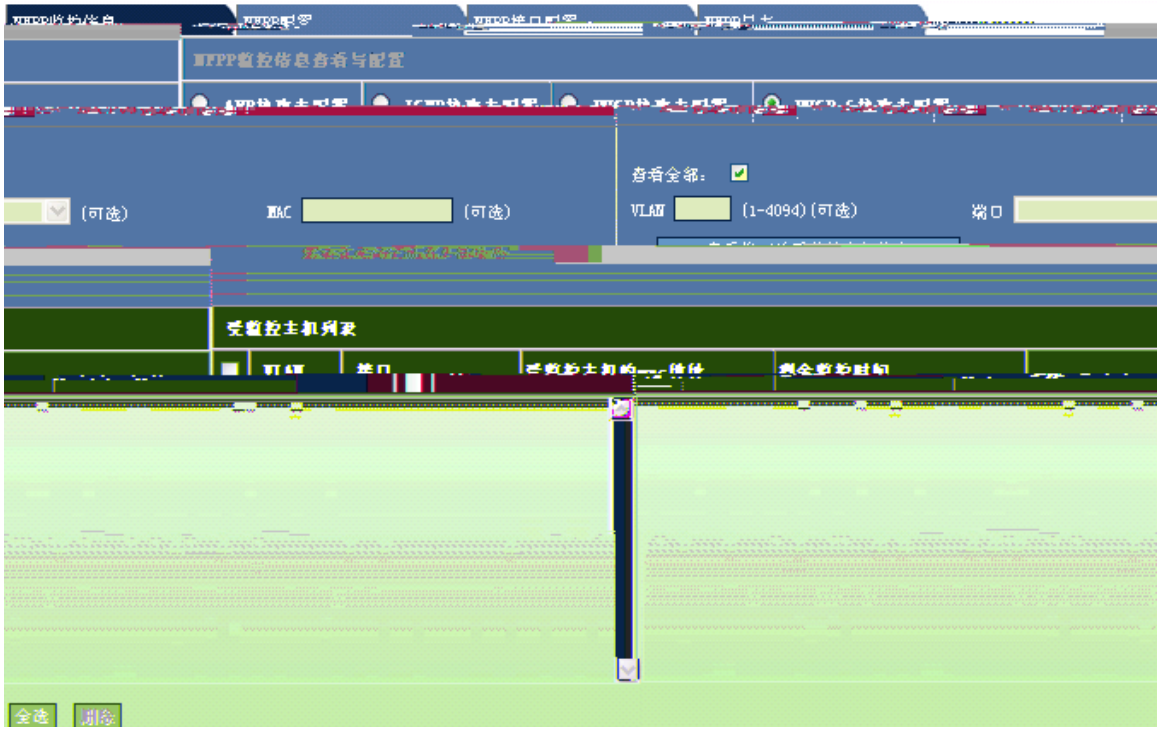
1-26 NFPP Ḥ —DHCP Ɗᵨ



DHCP

4) DHCPv6

1-27 NFPP —DHCPv6



DHCPv6 Ḍρ Ḥ ϶ Ỉ Ḥ Ḍρ “ ϶ Ỉ
Ḥ ” ↕ ˵ ǎ Ỉ Ḥ ˀ “ ŋ ” ↕ Ỉ Ḥ

NFPP

϶ 1-28 NFPP Ḥ

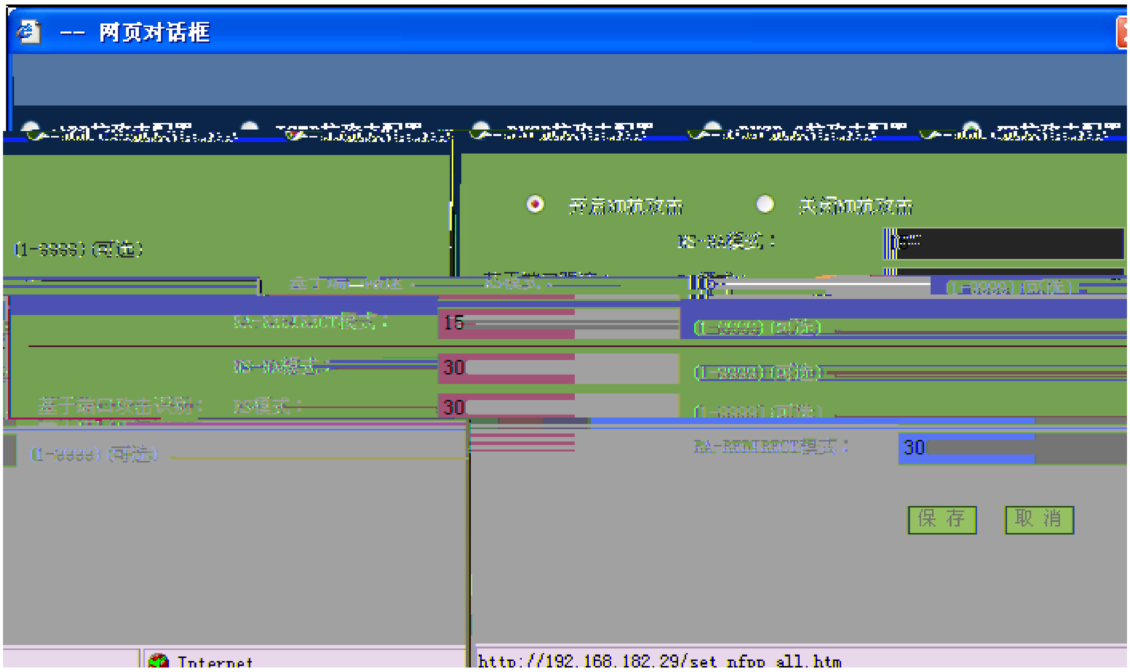
1) CPU Ḡ

϶ 1-29 CPU Ḡ

CPU Ḡ ╠ ٪ ﾑ ڠ ﾑ ᴰ Ḥ ᴆₚ “ ḱ ” ₮ ػ ｏ ᾰ U ᴆₚ “ Ḡ ” ą ڝ ᾰ ↕ ᾰ ḱ ↕ Ḡ ╠ ḯ

2) NFPP

ػ 1-30 NFPP



NFPP ╠ ٪ ٦ Ḥ ᴆₚ ↓ “ ” ↕ ٦ NFPP ᴆₚ “ ” ٦ NFPP ᴆₚ “ ḱ ” ₮ ػ ｏ ٦ ᾰ U ᴆₚ “ Ḡ ” ą ڝ ᾰ ↕ ᾰ ḱ ↕ Ḡ ╠ ḯ

NFPP

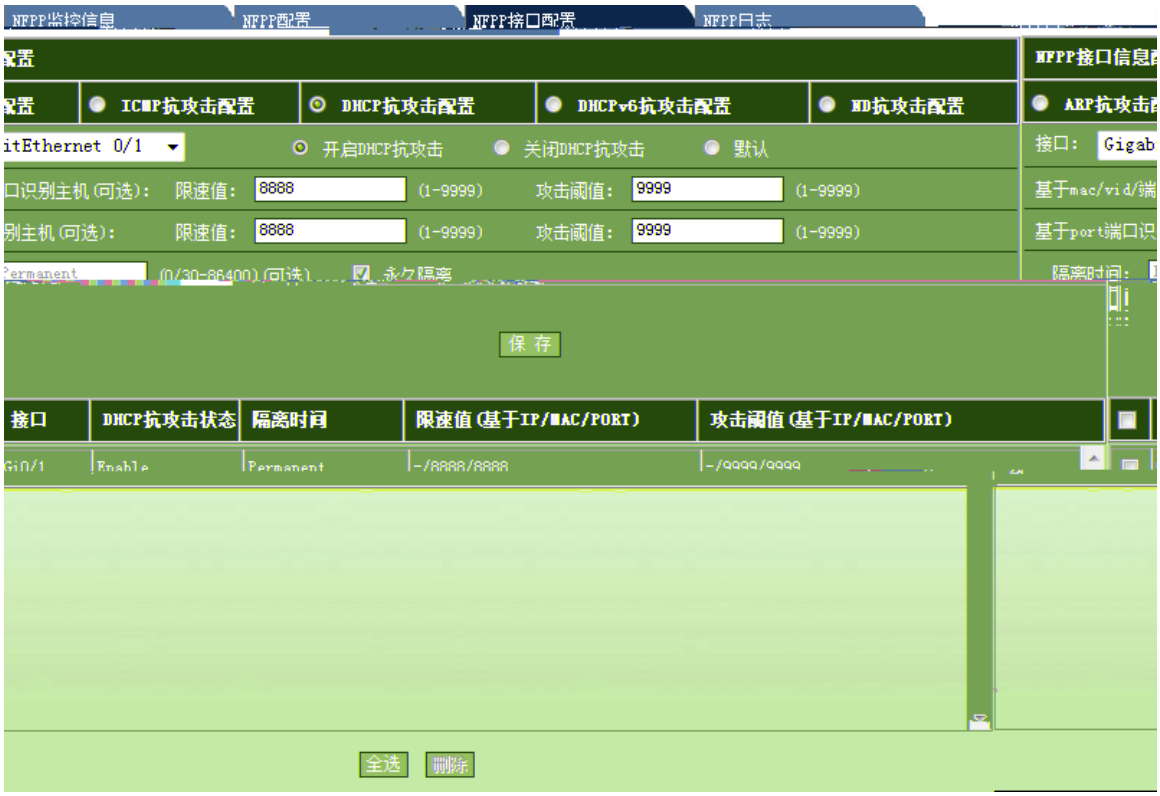
1) ARP ᴆₚ

ػ 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

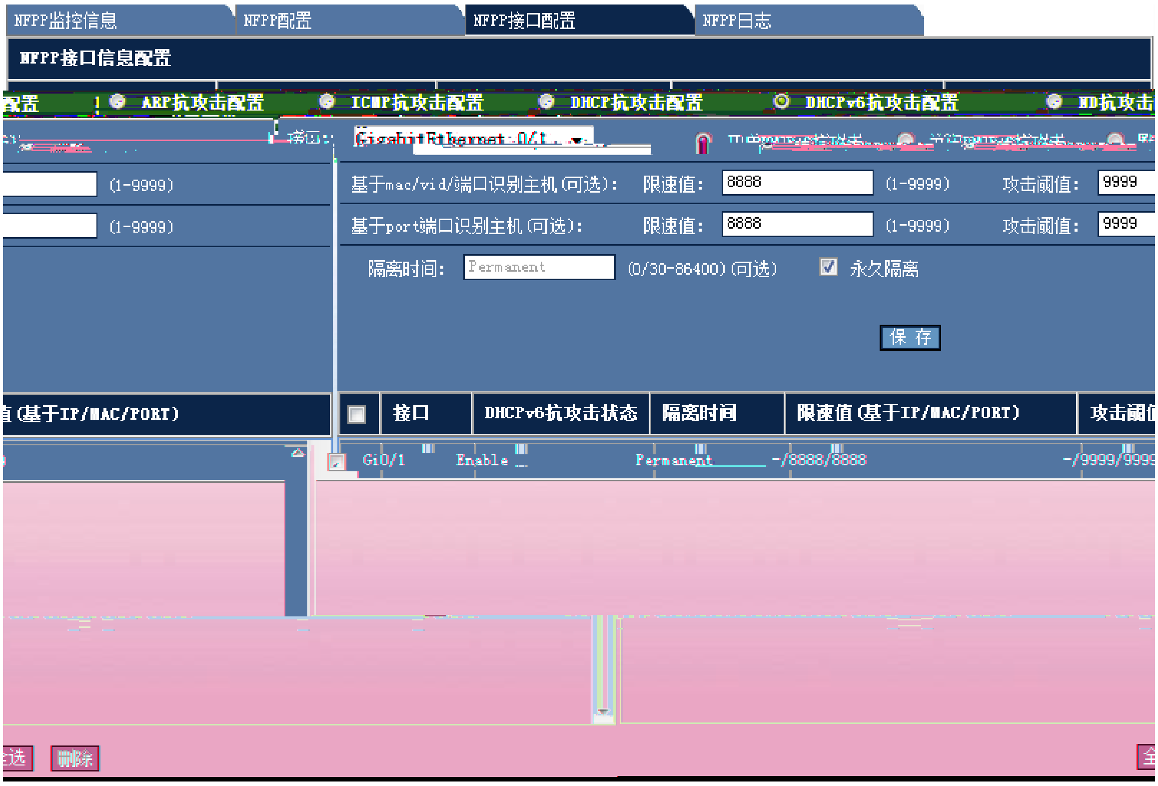


DHCP Ð ρ o NFPP ぇ o ă U Ð ρ “ Ḡ ” ą

w U ψ ₹ w ض ă ↕ ỵ

4) DHCPv6 Ð ρ

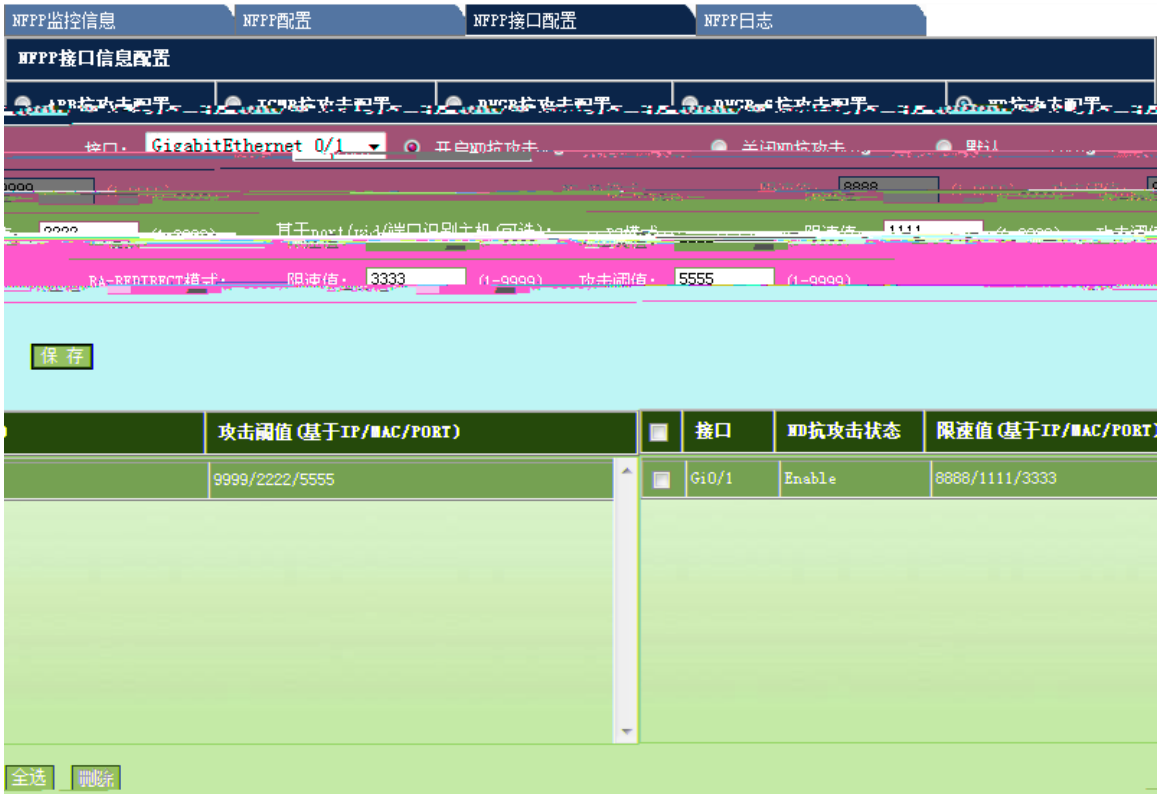
ぇ 1-34 NFPP Ḥ —NFPP o DHCPv6



DHCPv6 Ɗp ₒ NFPP يح ₒ ǎ̋ U Ɗp “ Ḡ ” ą
w U Ψ Ŧ w ض ǎ̋ ↕ ṿ

5) ND Ɗp

يح 1-35 NFPP Ḥ —NFPP ₒ ND



ND Ð ρ o NFPP ﻉ o ă U Ð ρ “ Ḡ ” ą
w U ψ ₹ w ض ă ↕ ỵ

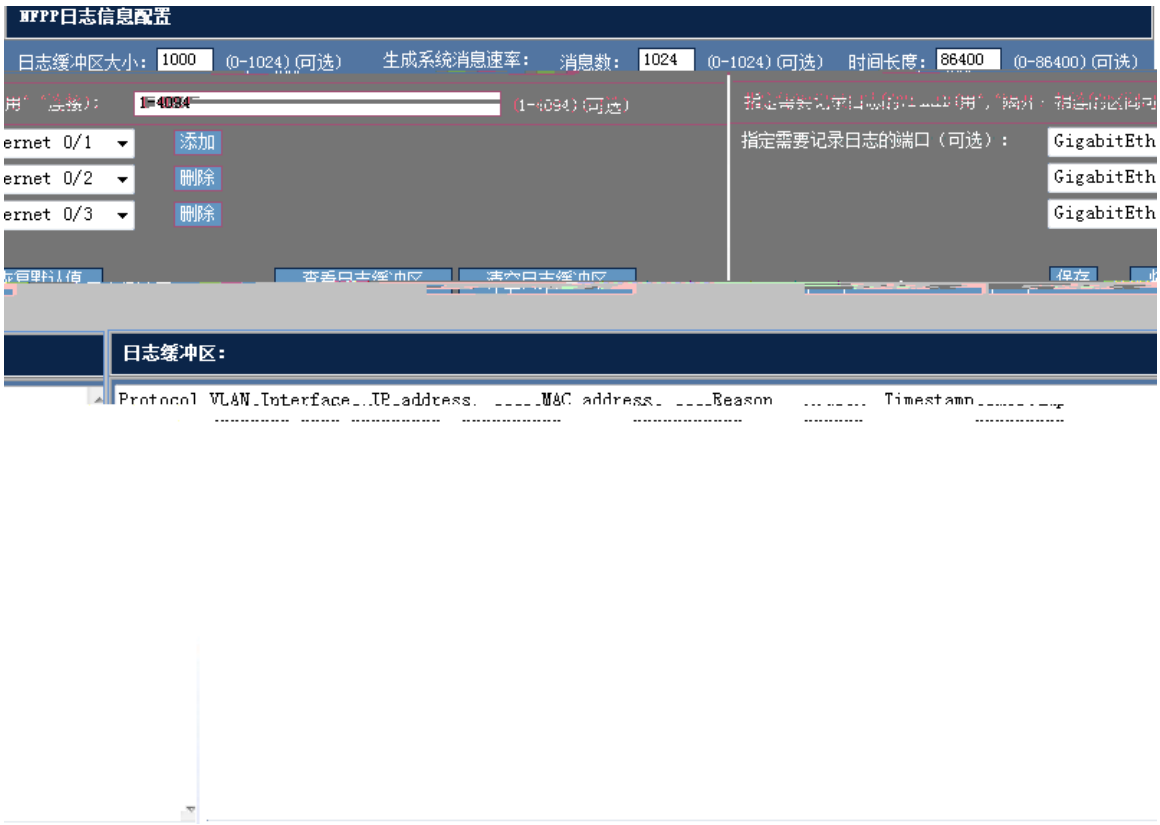
NFPP

ﻉ 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

o /MAC/IP

o /MAC/IP o IP MAC U “ Ḡ ” ą

o MAC ↕ o MAC GigabitEthernet 0/15

o U ↓ o MAC

o ŋ w

o U o o ŋ w ↕ o ŋ w Ψ ↕

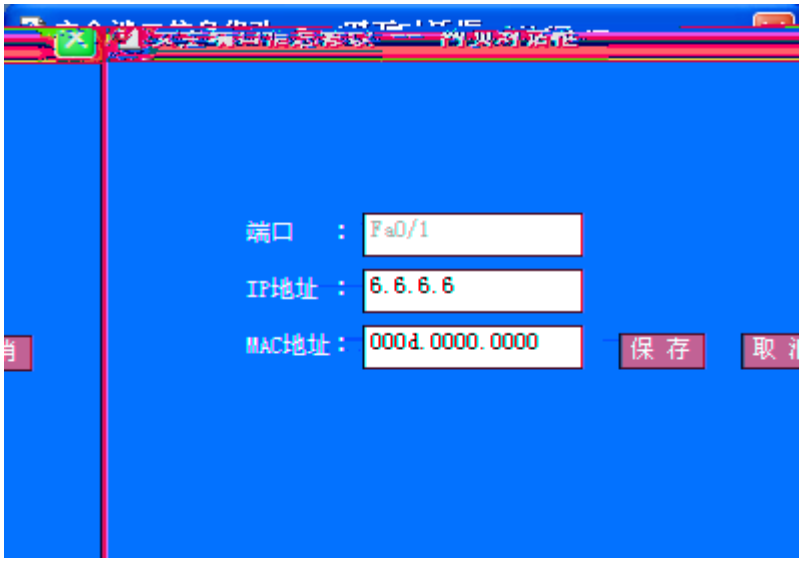
o ŋ w Ψ o ŋ w ↕ Ψ ŋ o Ḥ

ḱ ŋ o Ḥ

ķ ο ŋ Ḥ ķ ο U “ ķ ” ₹ ŋ ο ķ

ᵡ

ᵡ 1-40 ķ ŋ ο



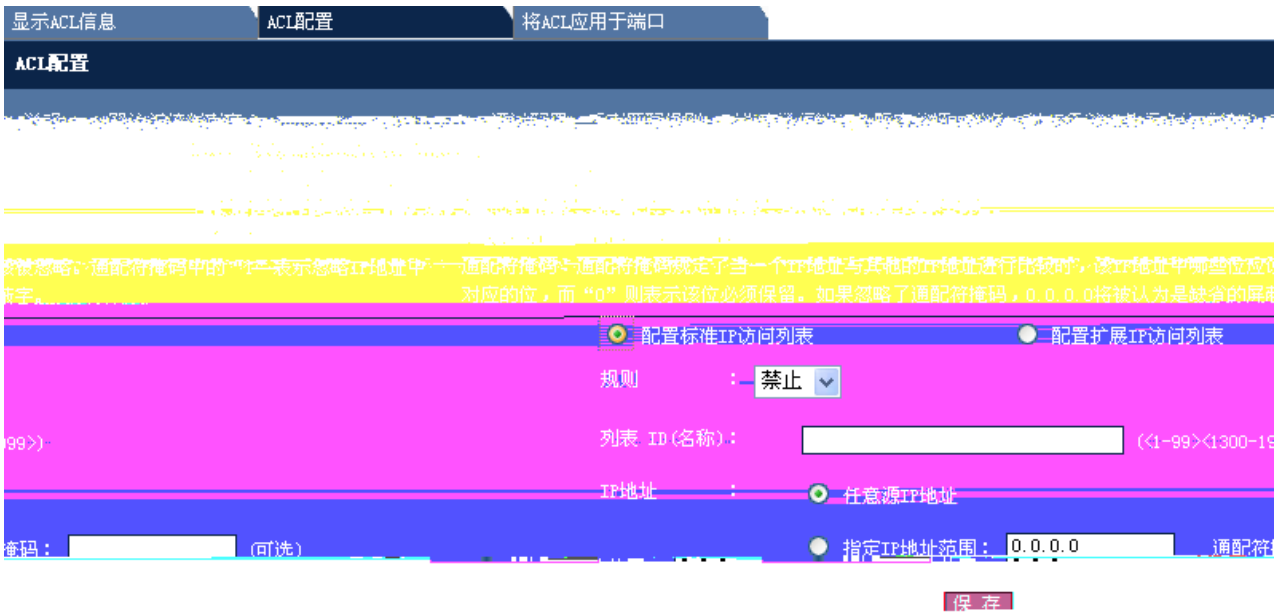
ķ ᵀ ă U “ Ḡ ” ą ο ﻡ ⌟ ↕ ķ U ο ﻡ

ACL

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

ACL

‰ IP ↓ “ ‰ IP ↓ ” ACL ‰ IP ↓
ACL 1-43 ‰ IP ↓


显示ACL信息
ACL配置
将ACL应用于端口
ACL配置
配置标准IP访问列表
配置扩展IP访问列表
规则
禁止
列表 ID(名称):
IP地址
任意源IP地址
(可选)
指定IP地址范围:
0.0.0.0
保 存


显示ACL信息
ACL配置
将ACL应用于端口
ACL配置
说明：ACL即访问控制列表（Access Control Lists），通过配置一系列匹配规则，对指定数据流（如限定的源IP地址、端口号等）执行允许或禁止通过，达到对网络接口数据的过滤。
配置扩展IP访问列表
配置标准IP访问列表
规则 ： 禁止
(<100-199>,<2000-2699>)
列表 ID(名称)：
协议 ：
源IP地址 ：
任意源IP地址：
指定IP地址范围： 0.0.0.0
通配符掩码：
(可选)
目的IP地址 ：
任意目的IP地址
指定IP地址范围： 0.0.0.0
通配符掩码：
(可选)
目的端口 ：
(1-65535)(可选)
保 存

↕ ↓ ↕ “ ” “ ” ↕

↓ ID O ~ ↓ ~ ~ ~ ↓ O

TCP

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

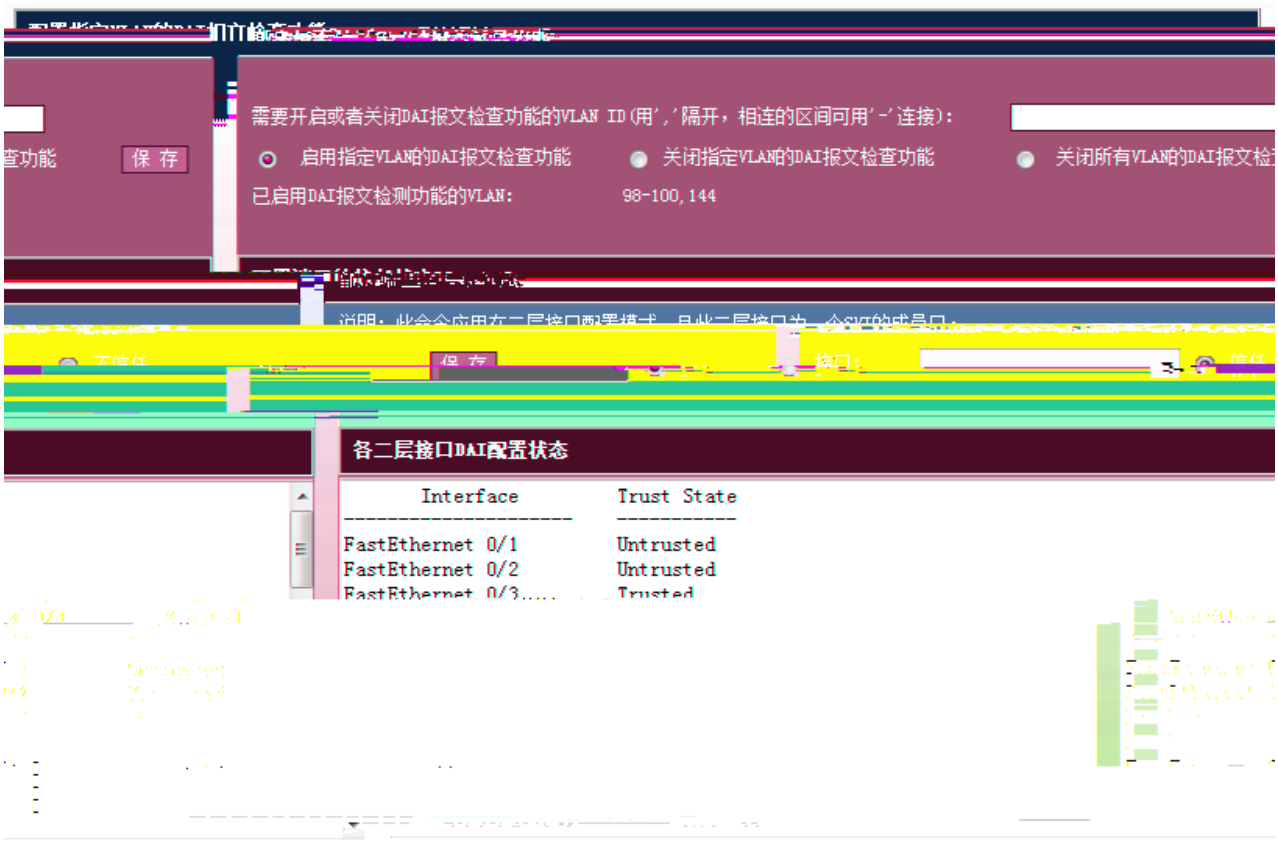
1.6.6 DAI

DAI Dynamic ARP Inspection ARP ARP arp

“ DAI ”

DAI

1-48 DAI



VLAN DAI w

' VLAN DAI w ˜

Ø VLAN 100 DAI w vlan-id 100 ARP ψ DAI ˜ ŋ

ضِ “ Ø ˜ DAI w VLAN ID ” ~ VLAN ↓ U Ø ˜
VLAN DAI w ↑ ˜ VLAN DAI w U Ð “ Ḡ ”

Ḡ U ψ Ø DAI w VLAN

o Ḥ к

G o Ḥ к ARP ƀ ₹ ɾ Ỉ Ḥ к o ⌠ DAI
ARP ɾ Ḥ к o ⌠ ARP DAI

ضِ Ĩ ⌠ ʜ o Ỉ Ḥ к o ⌠ ʜ o Ḥ
к o

ضِ o o Ð “ Ḥ к ” “ Ḥ к ” U Ð “ Ḡ ”

ضِ “ Ỵ ʜ o DAI ”

1.6.7 GSN

“GSN”

GSN

1-49 GSN

GSN

GSN GSN GSN

SMP server

SMP server v1 v2 v3 Community User U “ ”U

“ ”

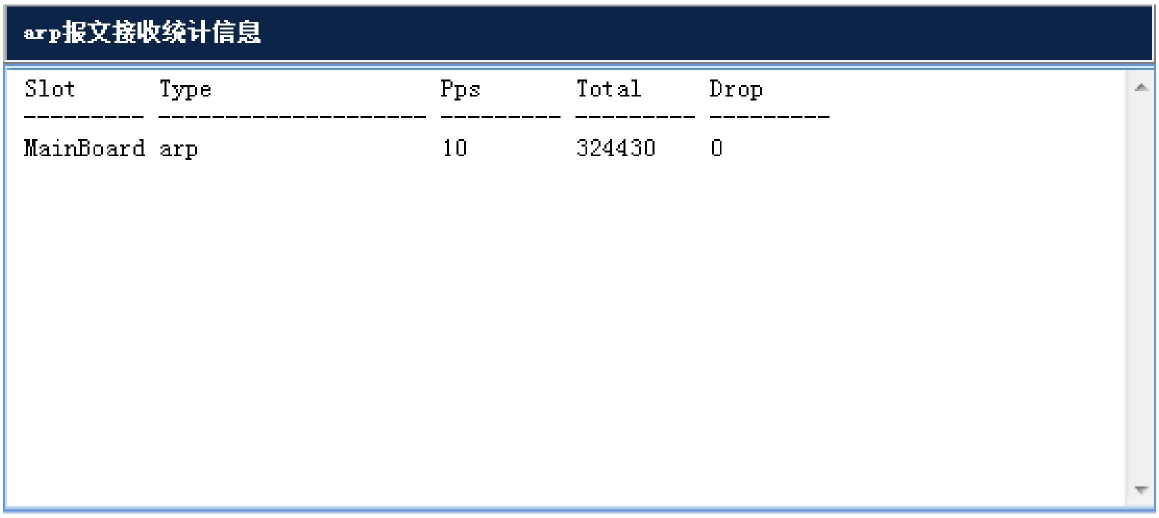
GSN U GSN G U “ Ğ ”

– ‖ P “ – ”

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

Ꭰ𝓅 “ Ḥ ” ἑ ∏ ὣ Ḥ ڂ

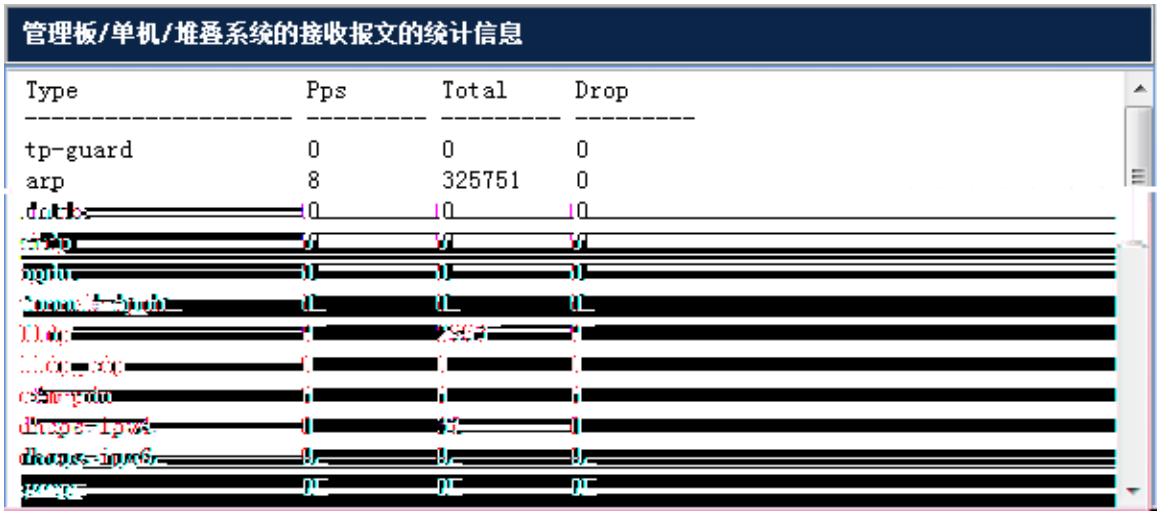
ڂ 1-52 ἑ ∏ ὣ Ḥ

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

Ꭰ𝓅 /ᅱ / ŋ Ḥ U “ ” /ᅱ / ŋ Ḥ ڂ

ڂ 1-53 /ᅱ / ŋ Ḥ

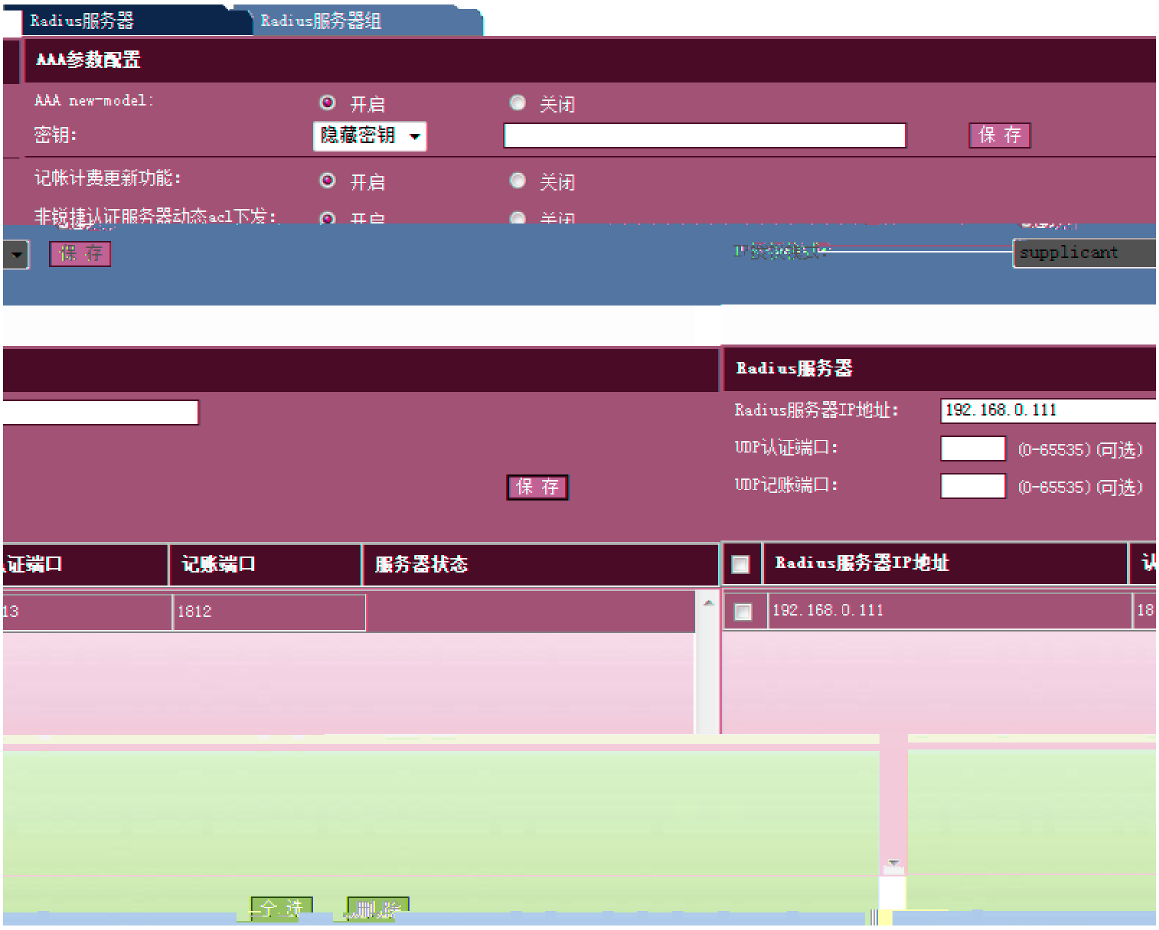


1.6.9 RADIUS

RADIUS

RADIUS

1-54 RADIUS



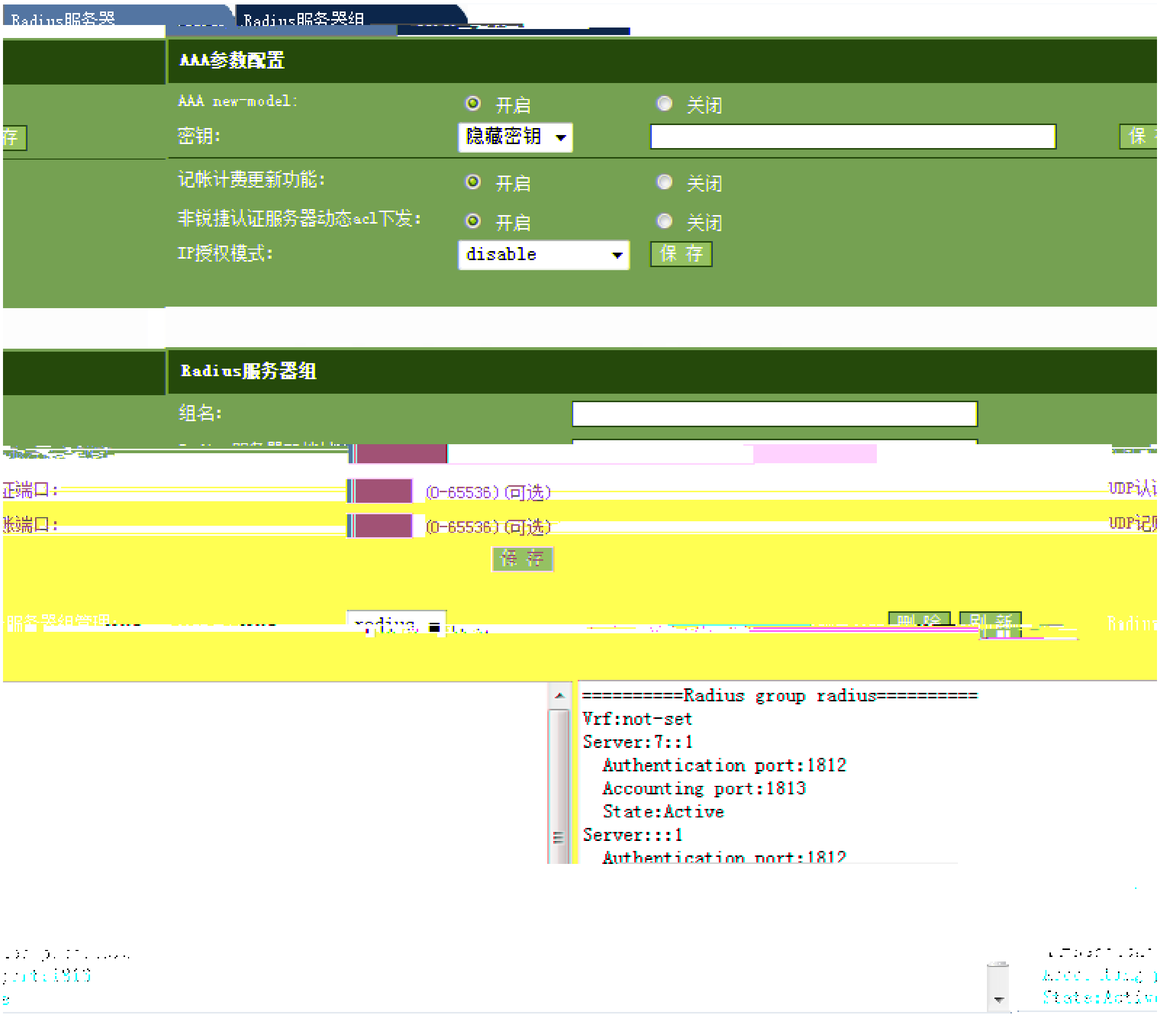
RADIUS

ˀ № AAA ˀ ˀ ض Ω AAA w ' RADIUS ⊦ ݣ Ɗₚ AAA new-model U " Ω " AAA w ˜ Ɗₚ U " Ḡ " ą w U ψ ₮ w w IP U ˀ IP Ɗₚ U " Ḡ " ą w U ψ ₮ w

ض RADIUS ⊦ ݣ ˜ ˜ ⊦ ݣ IP ضہ Ώ غ ₒ ˜ Ɗₚ U " Ḡ " ą w U ψ ₮ w Ώ ₒ ˜ ↕ ą v

RADIUS

ہ 1-55 RADIUS ⊦ ݣ



RADIUS IP

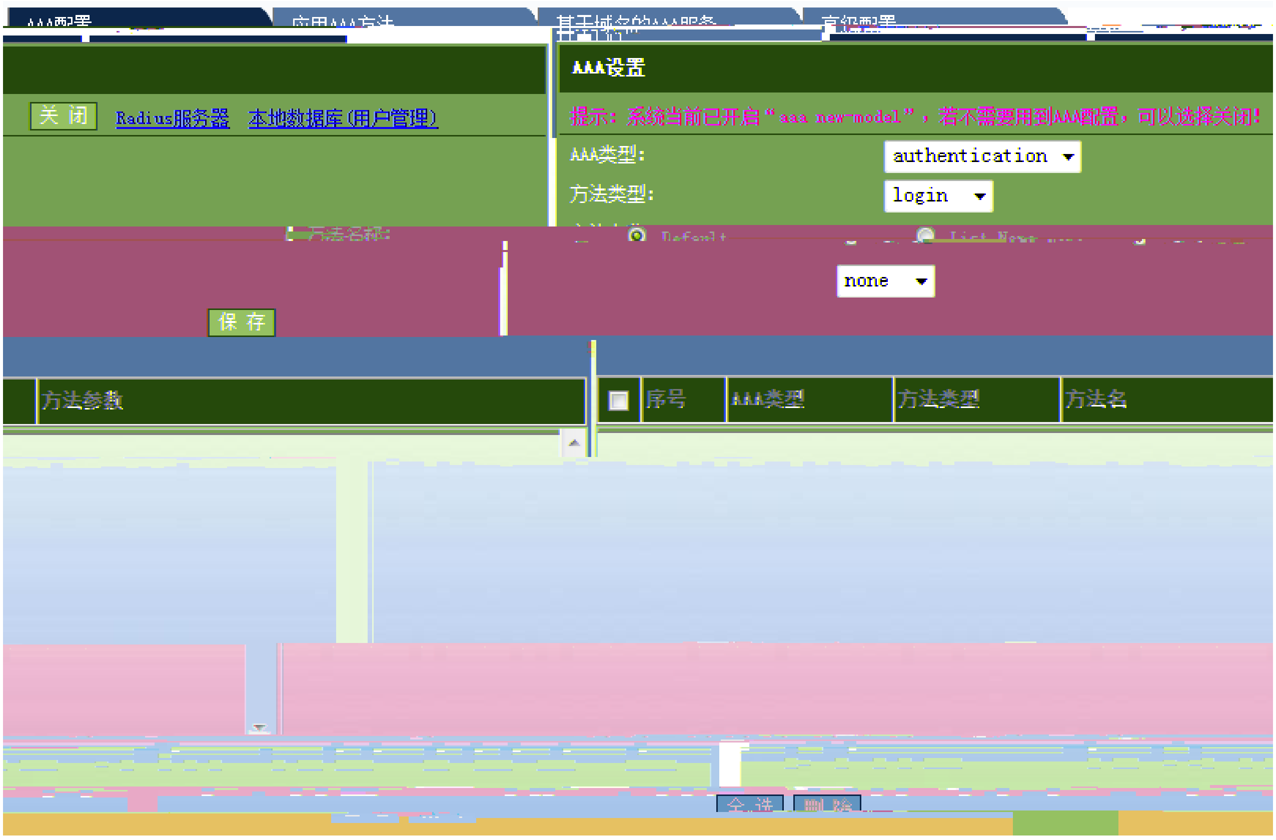
Radius

1.6.10 AAA

" AAA "

AAA

1-56 AAA



AAA

AAA ﻤﺔ ˜ γ authentication authorization accounting ﻤﺔ ﻤﺔ AAA ﻤﺔ login enable ppp dot1x ĩ exec command network ﻤﺔ O ˜ γ List Name ӑ № local group U Ɗρ " Ḡ " U

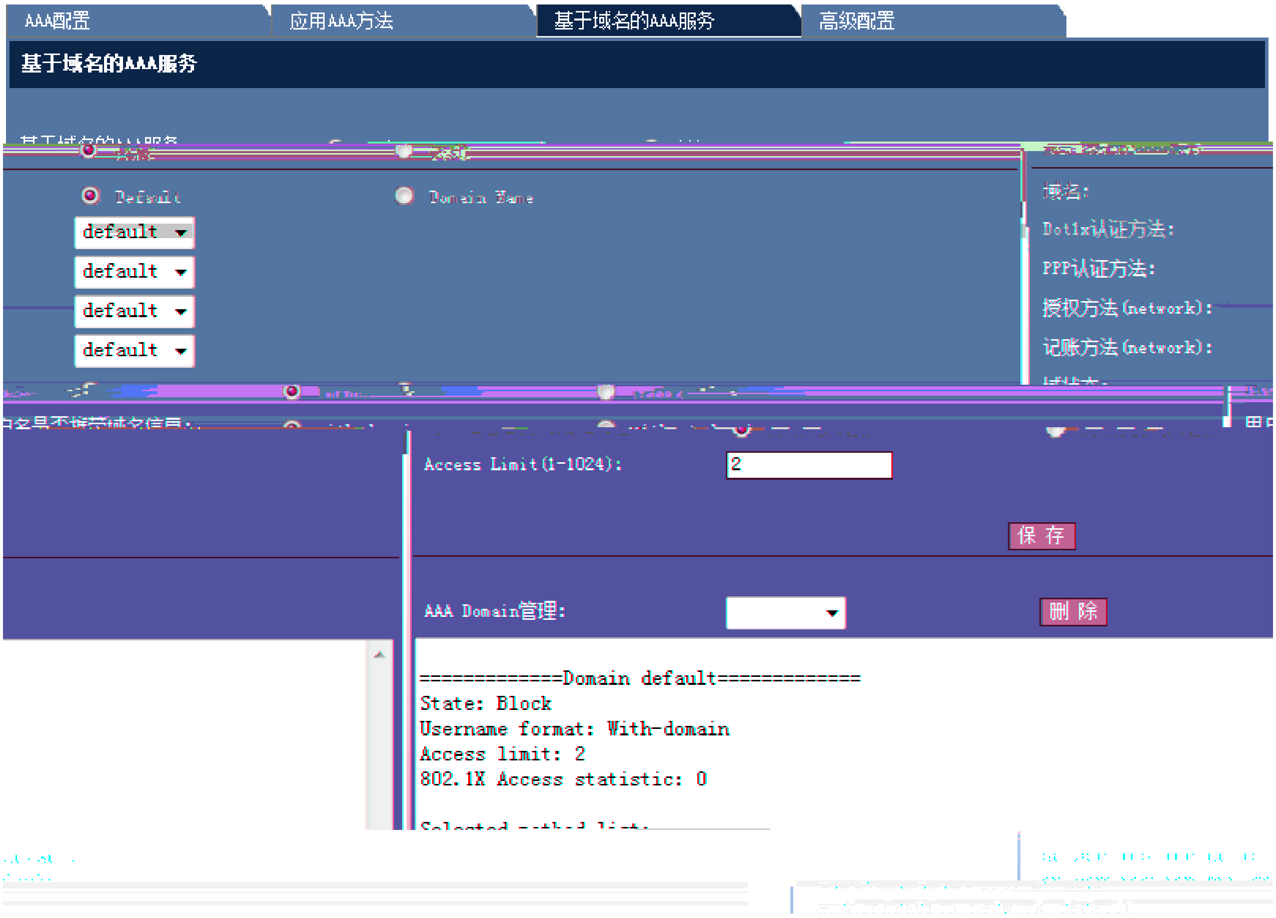
AAA

ﺑﺮ 1-57 AAA

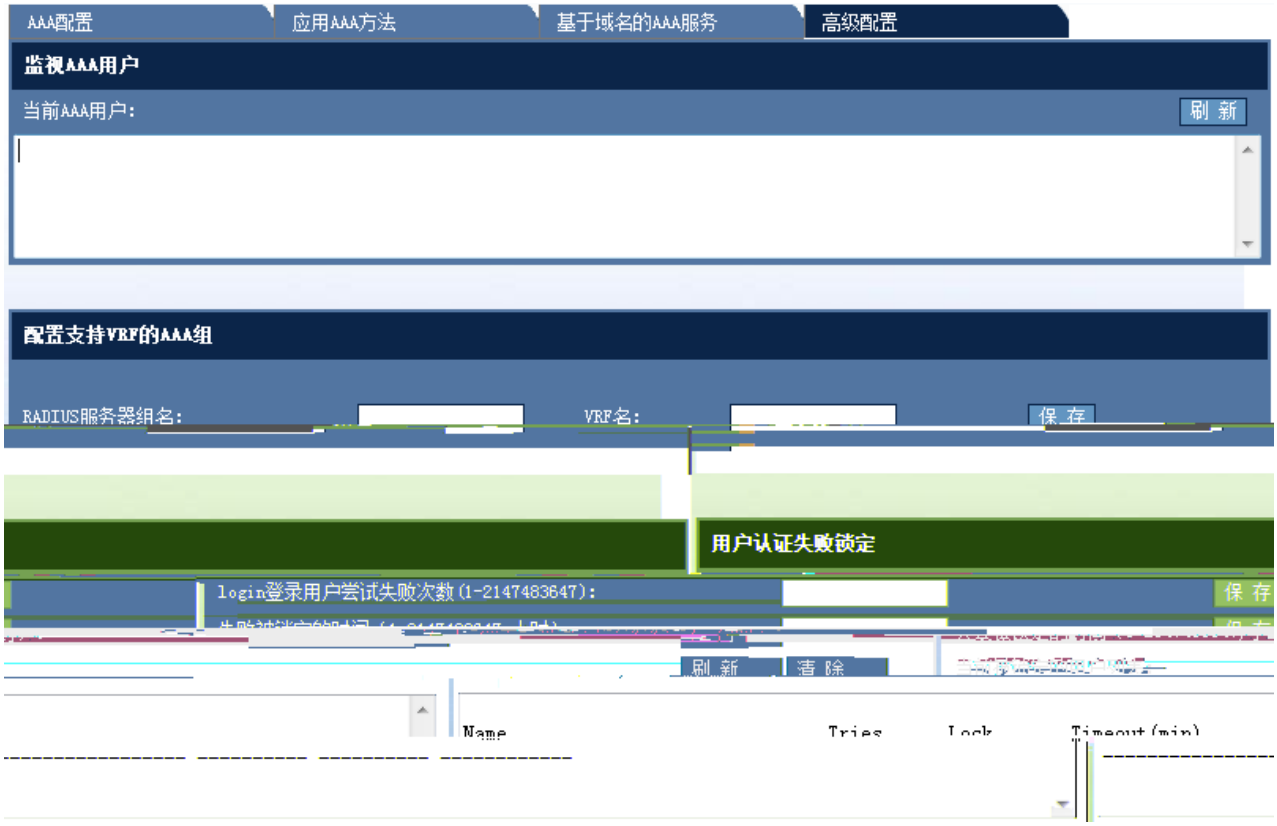
AAA U AAA U ă Ḓ Ḡ U Ḓ
Ḓ U

AAA

1-58 G O AAA



G O AAA O Dot1x PPP



AAA ˆ ɣ AAA VRF AAA ĭ Ḥ

1.6.11 Dot1x

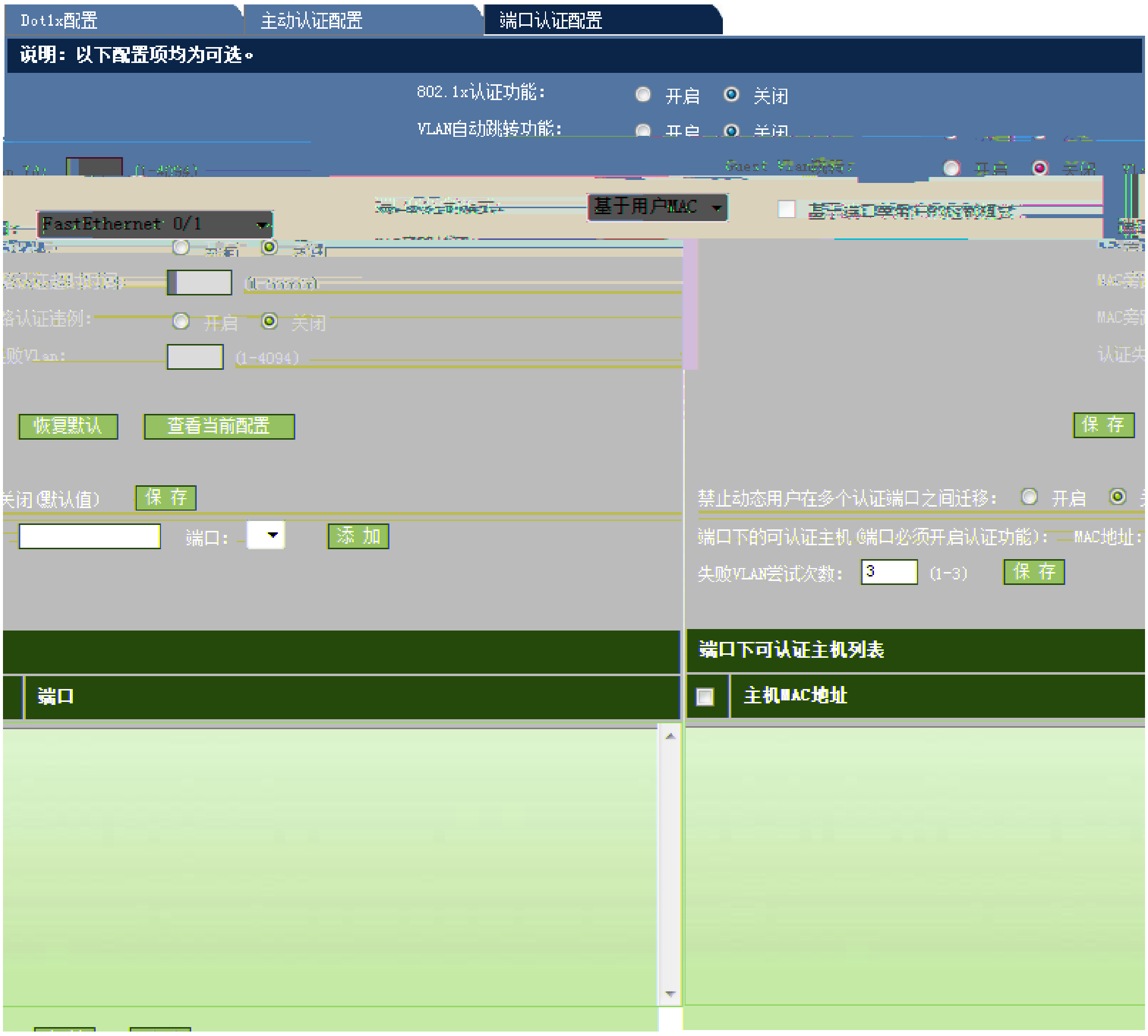
ɣ “Dot1x ”ą w

Dot1x

ɔ 1-60 Dot1x

Dot1x

Dot1x



ｏ ۞ ٩ № ɢ ｏ Dot1x ẃ ҳ ẃ ǎ

U Ɗρ“ Ḡ ” ą ẃ U ψ Ŧ ẃ Ɗρ“ ” ↕ ｏ ǎ ỵ

Ɗρ“ ╞ ” ǎ ╞ ｏ ỵ

۞ 1-63 ｏ 2

ڪ ʅ Ձ ض ο ʍ Ɗ U " Ḡ " ą ʍ U ᴪ ₮
ʍ ο Ձ 802.1x ʍ ↕˜ G ο ˜ ˜ MAC ضيخ
ο Ɗ U " Ḡ " ą ʍ U ᴪ ₮ ʍ ʍ U ض Ώ
VLAN Ɗ U " Ḡ " ą ʍ U ᴪ ₮ ʍ

1.6.12

ɉ " " ą ʍ

ڪ 1-64

ARP IP MAC

IP MAC MAC IP

ARP IP MAC

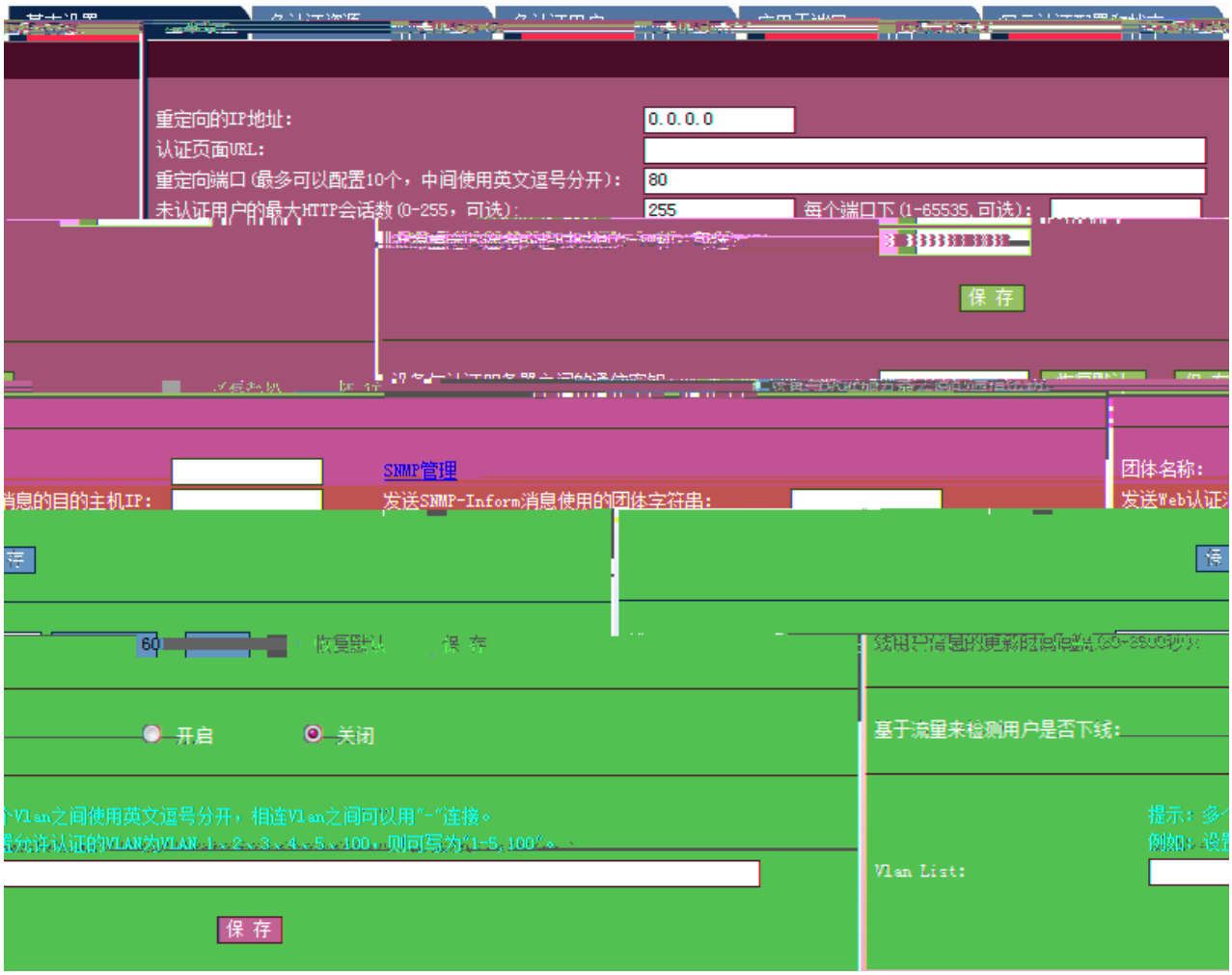
1-65 ARP

1.6.13 WEB

“web ”

web

1-66 web



web h IP URL h HTTP (0-255) h Web IP SNMP-Inform , , Vlan List h 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
保 存
IP:
子网掩码(可选):
ARP
序号
IP地址
子网掩码
ARP绑定
1
1.2.3.6
255.255.255.0
Off
全 选
删 除

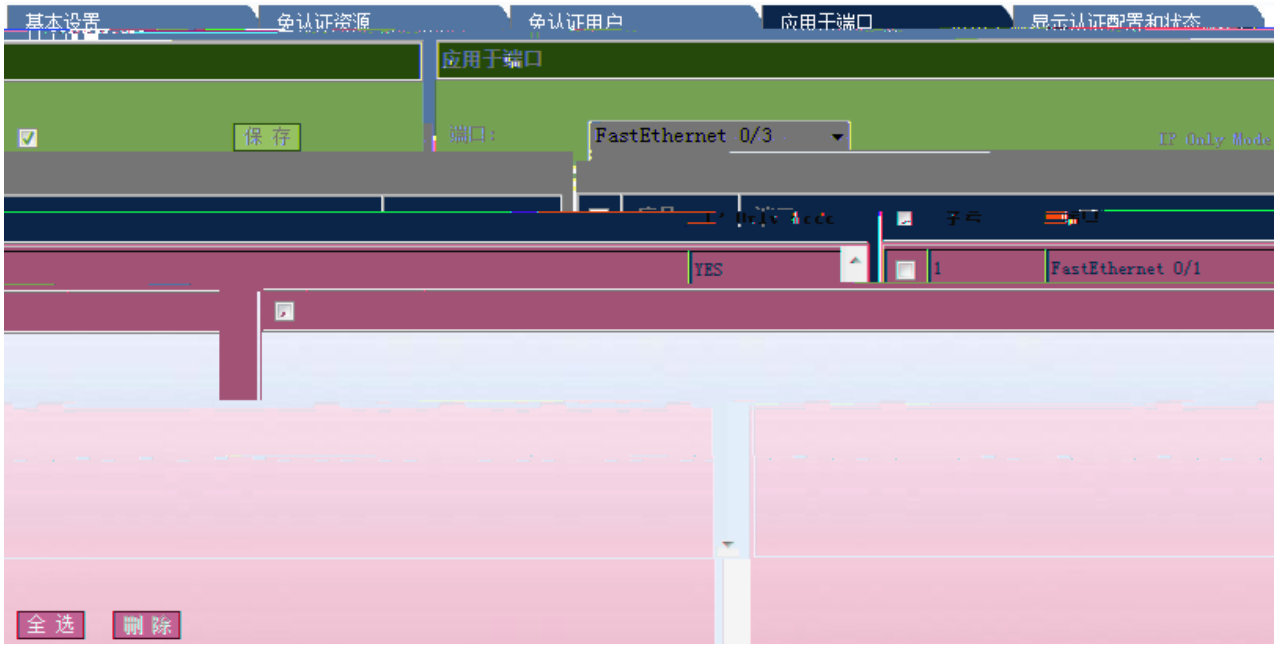
IP

1-68


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
免认证用户(最大允许配置50个)
如果设置了port选项，则将用户IP与接入设备的端口进行绑定。如果接入/汇聚设备启用了ARP CHECK功能，那么需要对免认证的用户IP范围进行ARP绑定，需要配置arp关键字。
IP:
子网掩码(可选):
端口:
ARP
保 存
1
192.168.23.1
255.255.255.0
FaO/2
删 除

IP

ﻩ 1-69 G o



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ﻩ 1-70 ﻉ

1.6.14 DHCP Snooping

Snooping

Snooping

1-71 DHCP Snooping

DHCP Snooping

DHCP Snooping DHCP Snooping MAC U “ ” ą

DHCP Snooping

U “ ” ą U “ ” ą

1.7 QOS

1.7.1

“ № ” ą №

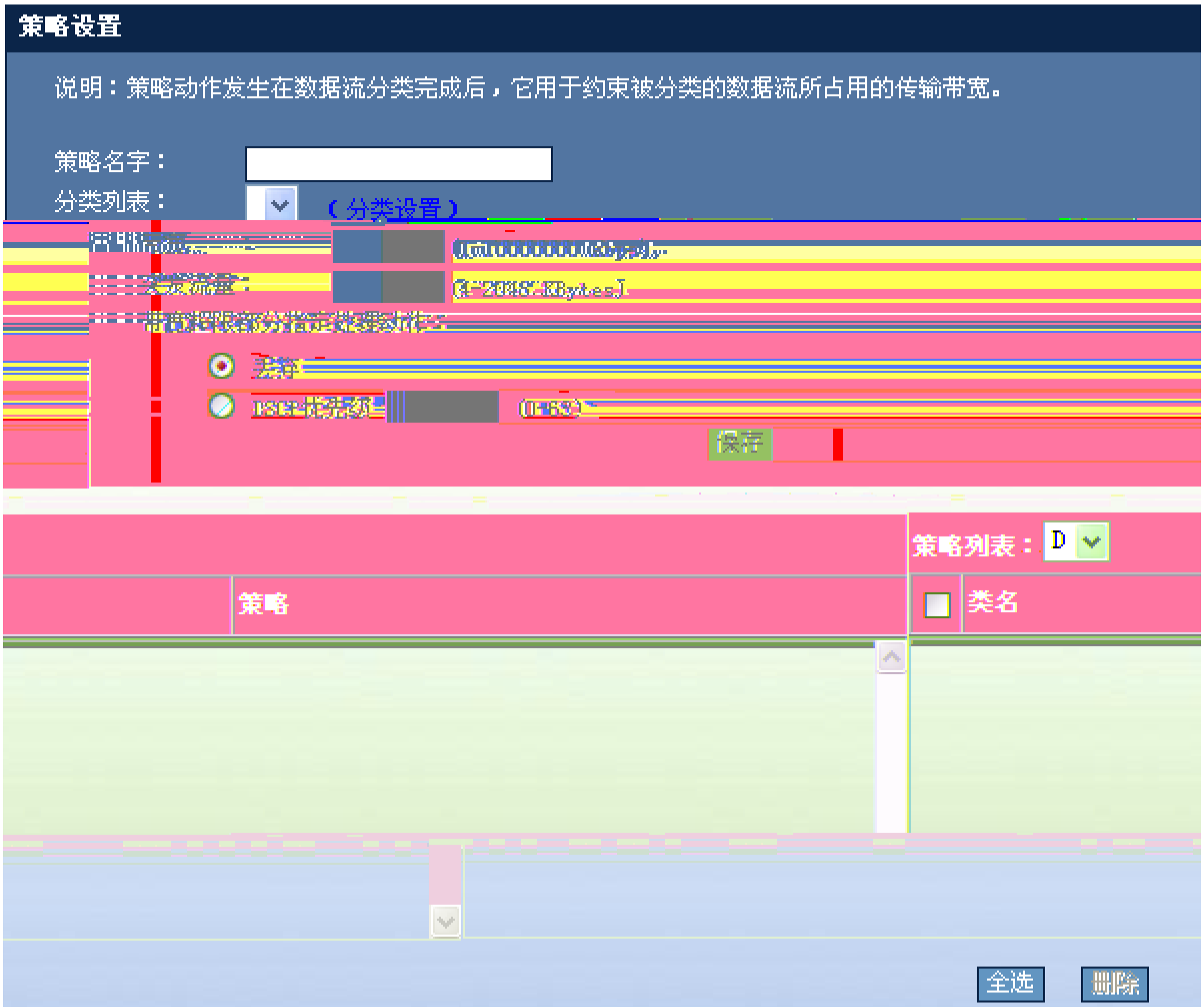
1-72 №

ACL U “ ” ą U “ ” ą

1.7.2

ү “ ” ą ա

ۍ 1-73



O O

№ ↓ ↓ ₮ № O ↓ ↕ № ῷ ⌠ № №

˜ ض ῤ ỵ

ΰ ˜ ض ῤ ỵ ˜

№ ˉ ҍ DSCP п ῷ ˜ ض ῤ

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– ɾ ↓ U Ψ ض Ḥ – U
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1.7.3

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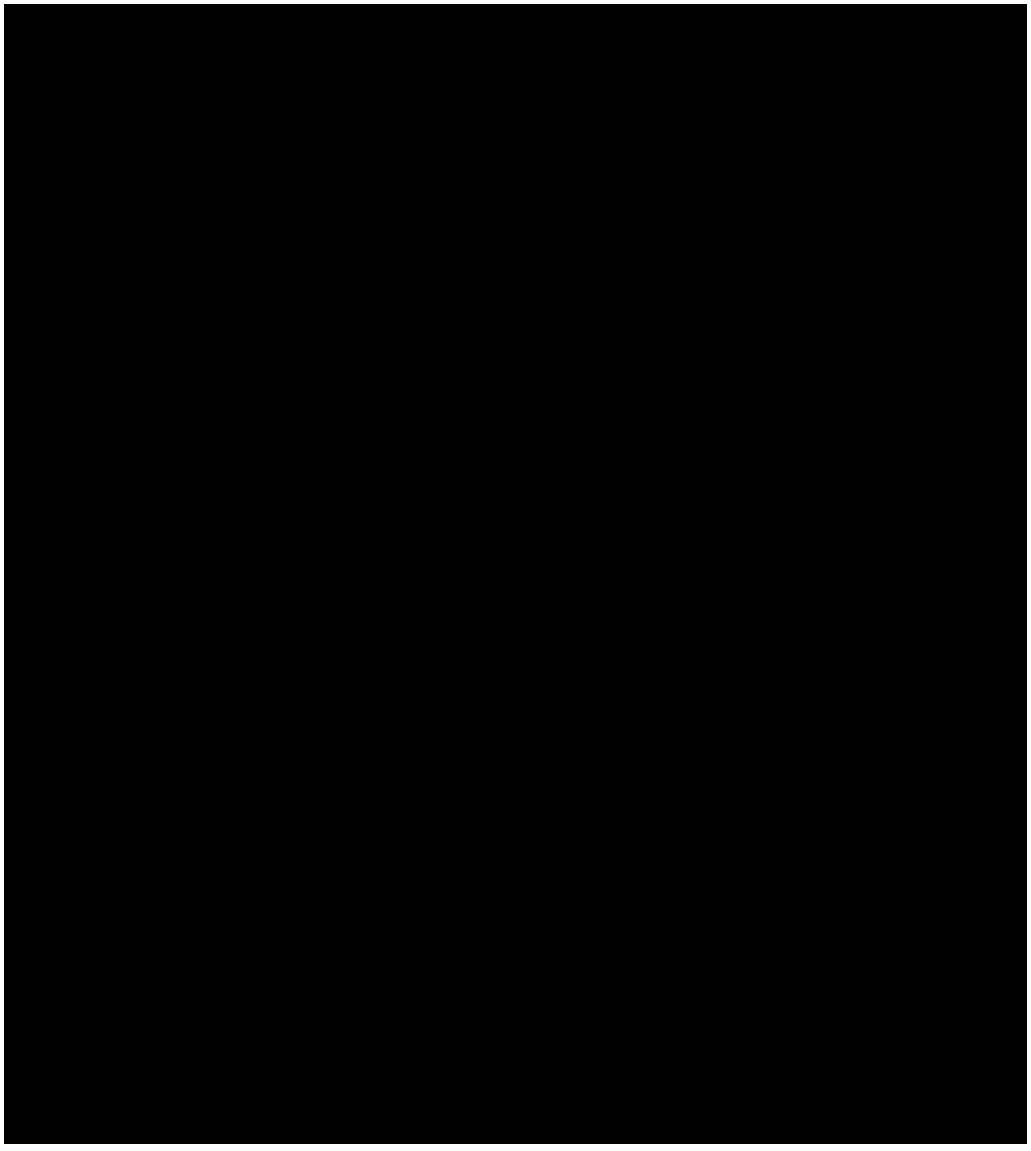
ת 1-74



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1.7.4

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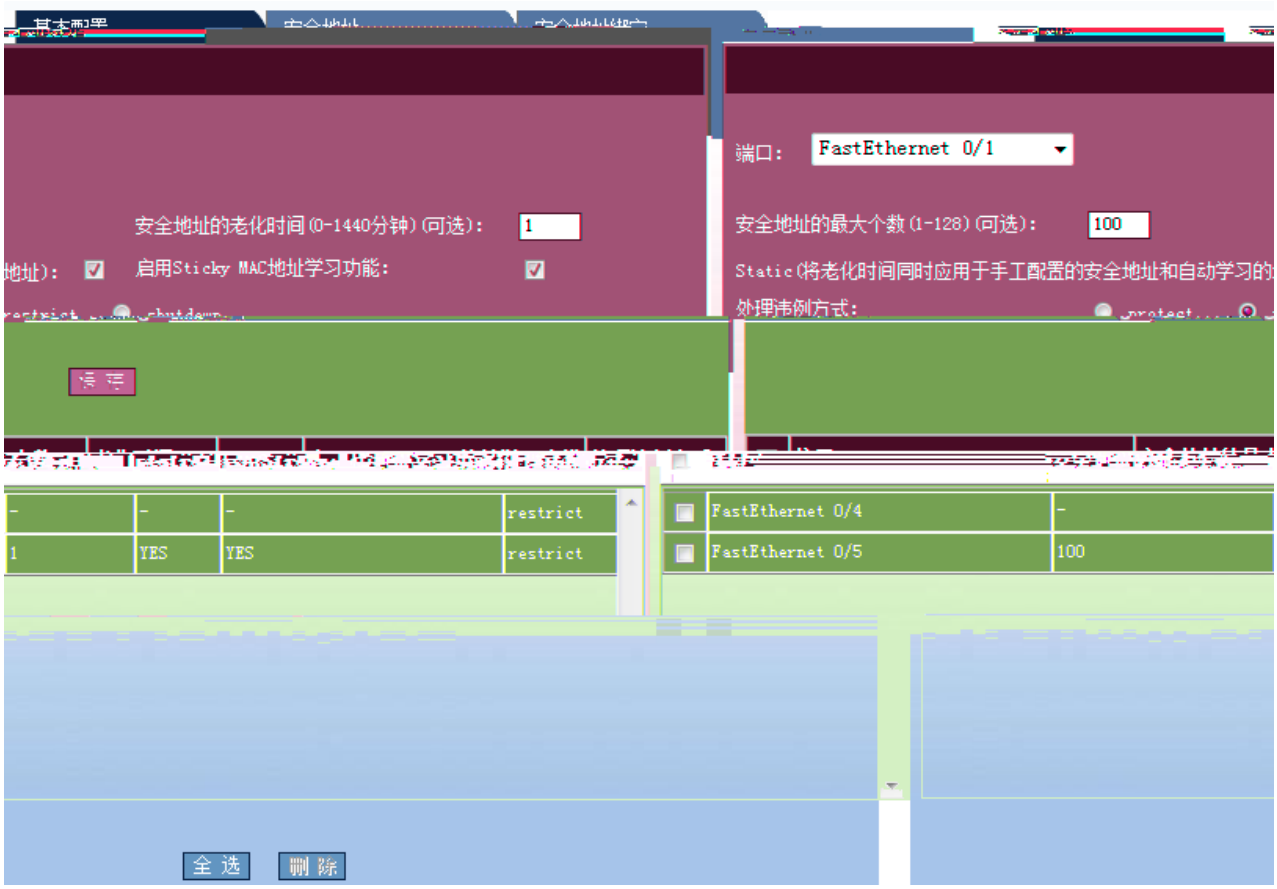
1-75 L

1.7.5

o

1-76 o



Static Sticky Mac

1-77

ŋ ضخي ۏ ٥ ŋ ضخي فهم ĭ Mac ضخي VLAN ID Ḥ U Đρ “ Ḡ ”

ضي – ↕ ضي U Đρ “ – ”

يح 1-78 ŋ ضخي

ŋ ضخي ѽ o IP ضخي Ƹ MAC ĭ Vlan ⌠ ŋ o ↕
Mac ضخي ĭ VLAN ID Ḥ 𝒟ρ “ Ḡ ” ضي – ↕ ضي U
𝒟ρ “ – ”

1.8

1.8.1

ɬ “ Ḥ ” ą w

Ḥ

ﻉ 1-79 Ḥ

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

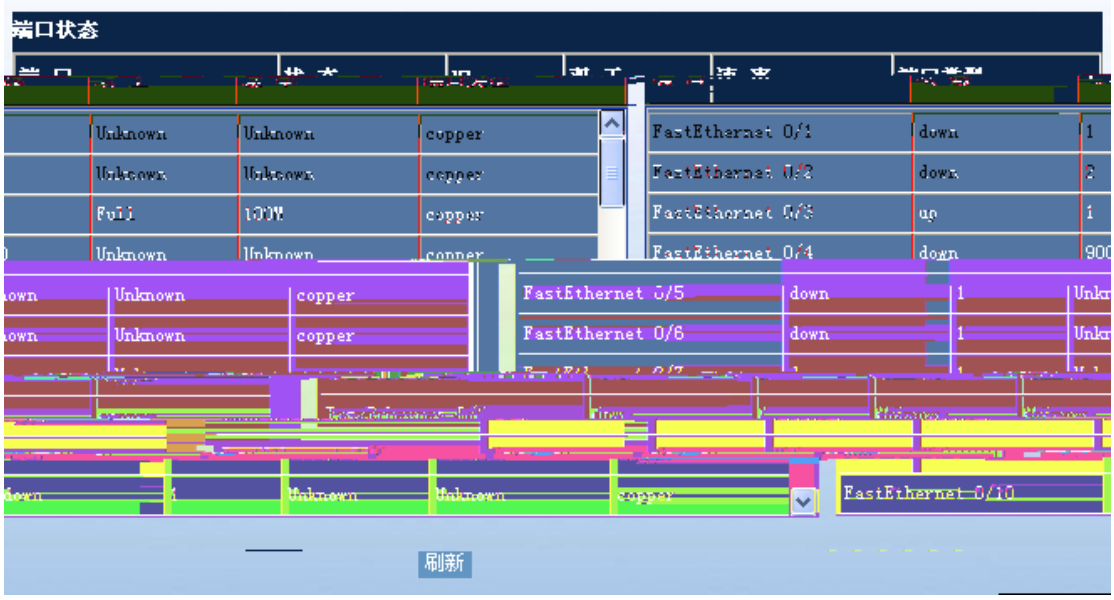
当前配置

```
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 5
!
vlan 6
!
vlan 7
```

1.8.3

“ ”

1-81



1.8.4

ㄚ “ o ”ą w

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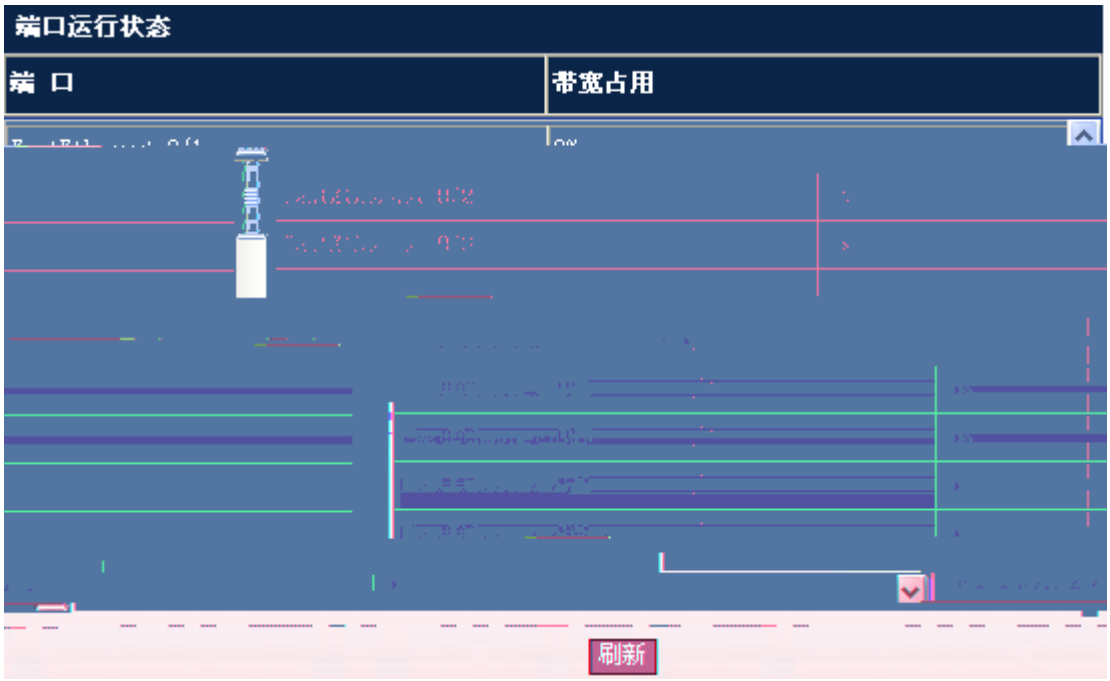
ネ 1-82 o



1.8.5

ㄚ “ o Ḥ ”ą w

o H

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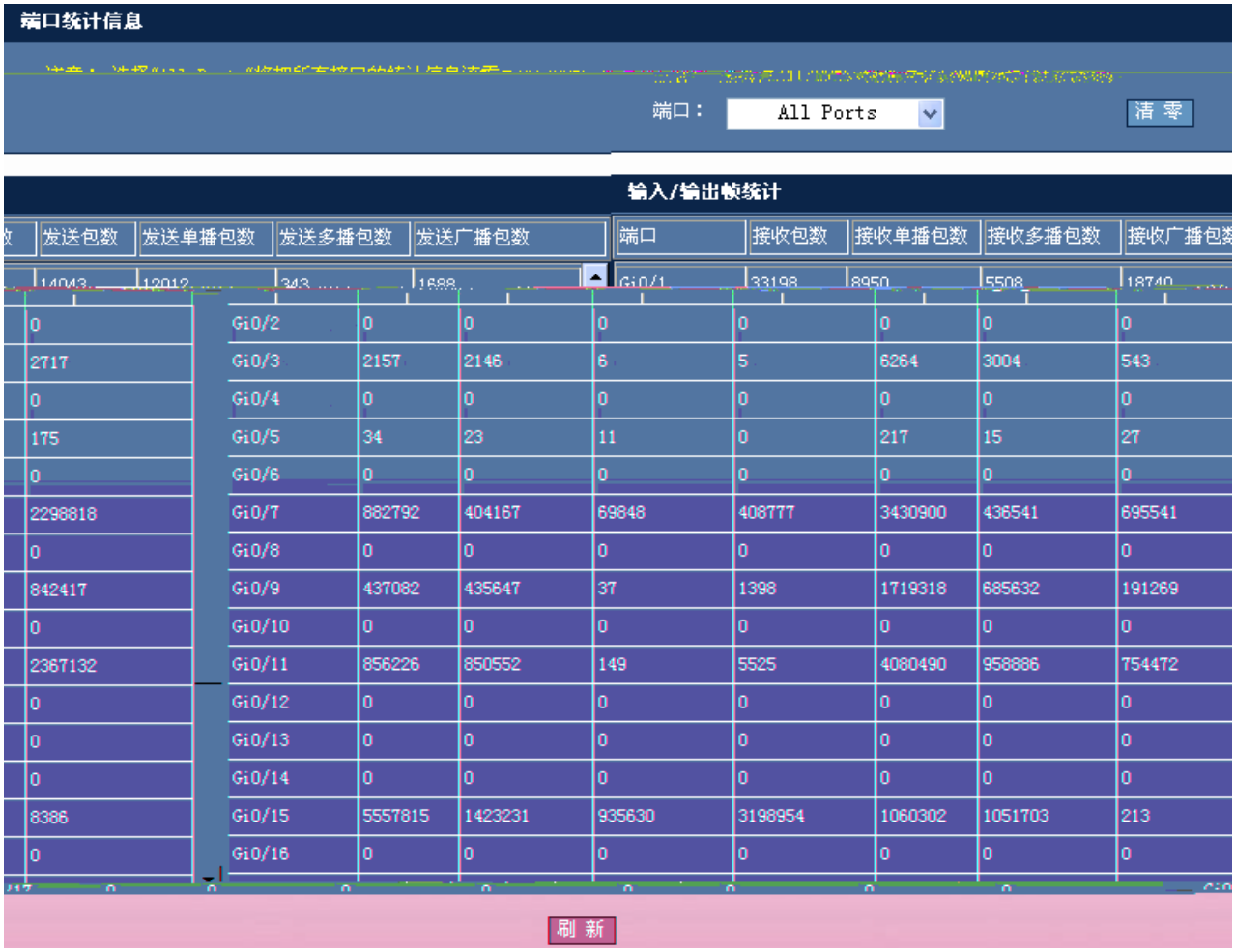
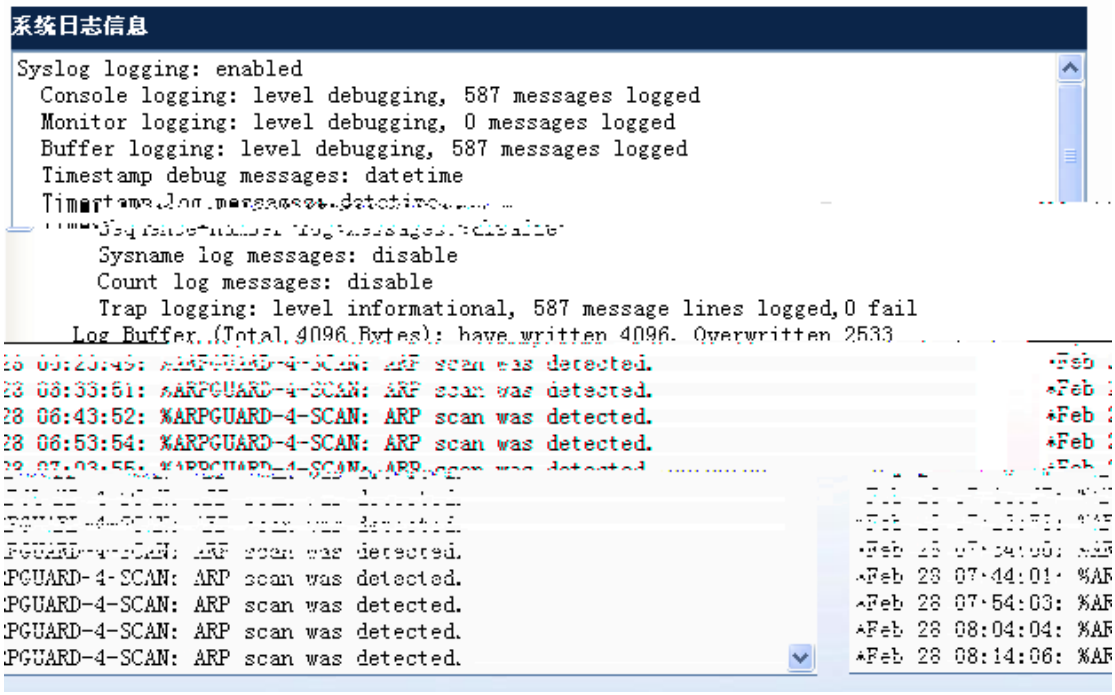


1.8.6

ﾉ “ H ”ą w

H

ﾈ 1-84 H



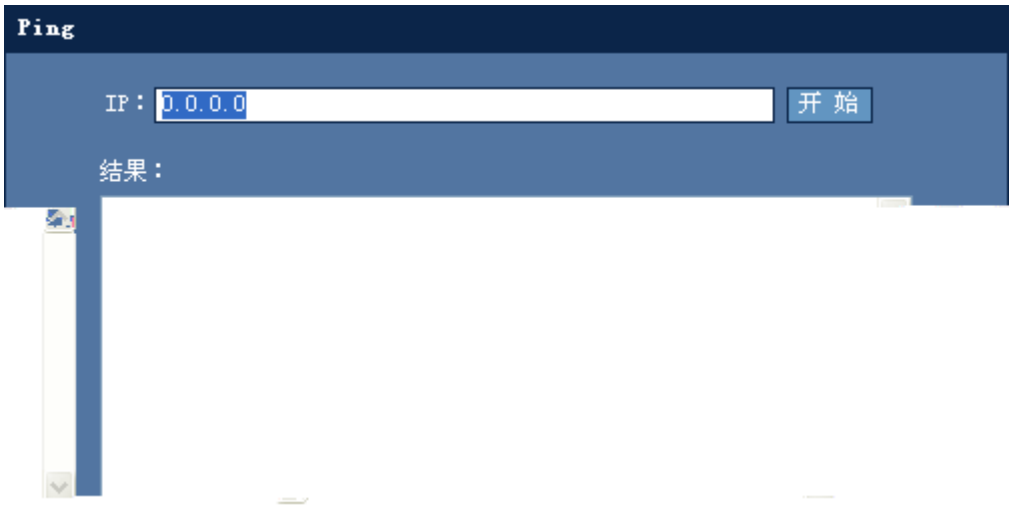
1.9

1.9.1 Ping

“ Ping ”

Ping

1-85 Ping



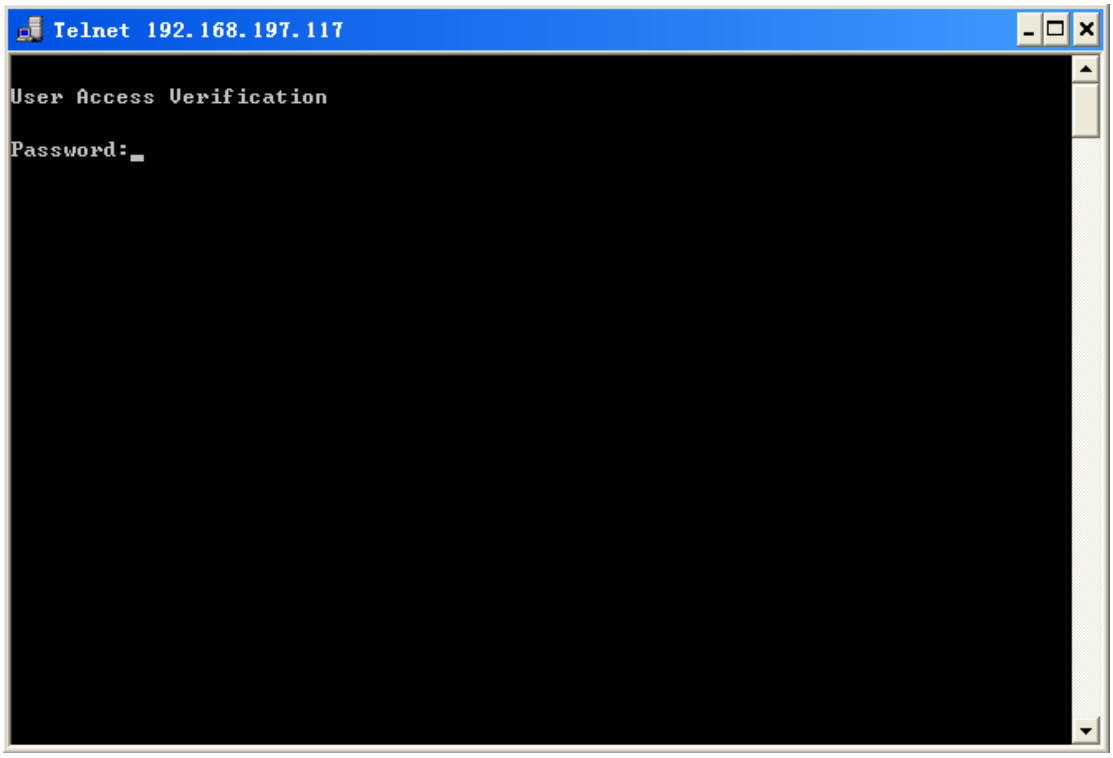
IP IP Ping

1.9.2 Telnet

“ Telnet ” ą w

Telnet

ż 1-86 Telnet

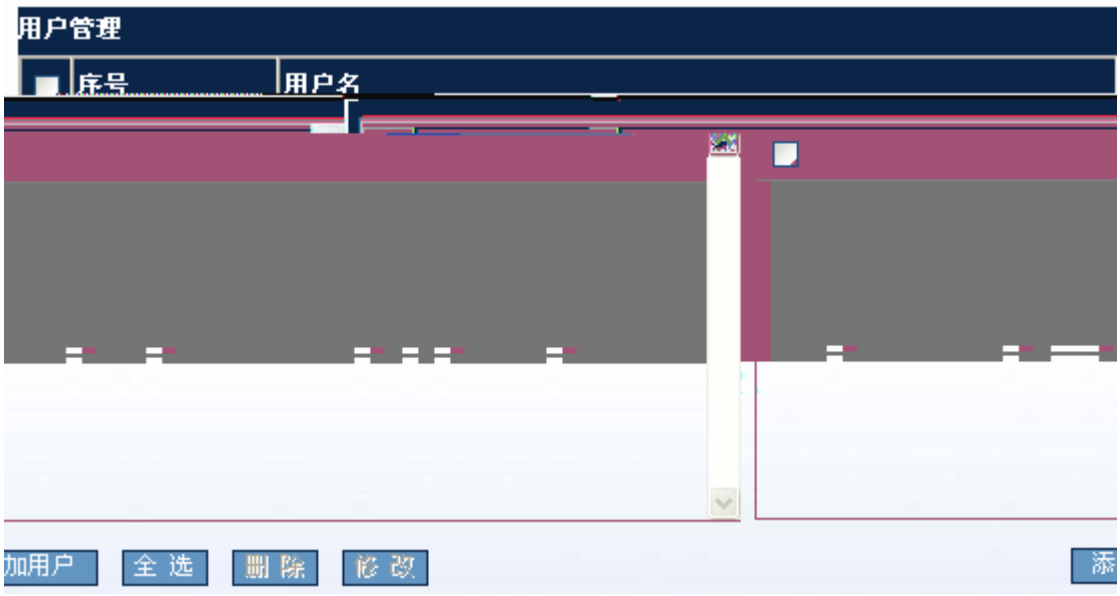


Ð “ Telnet ” U Ø Telnet w PC Ø Telnet Ł ώ Ø PC Telnet Ł

1.9.3

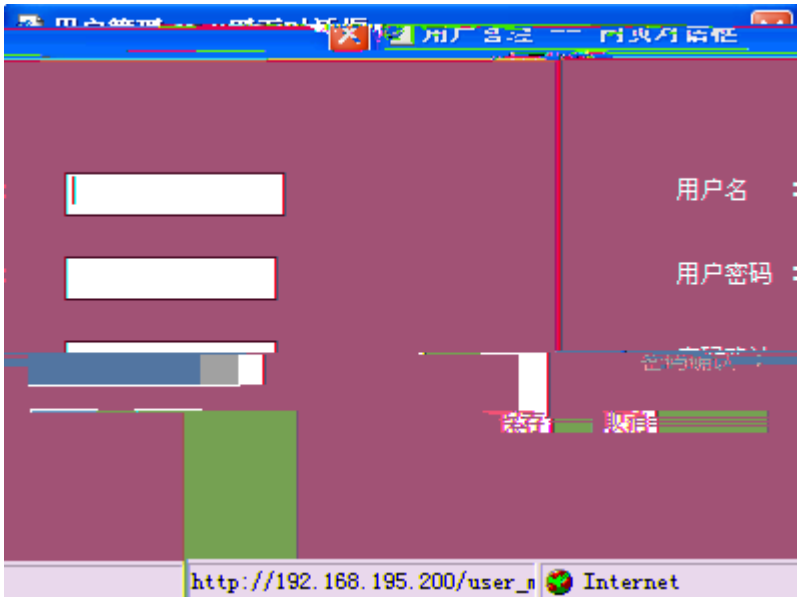
“ ” ą w

ż 1-87



v v Dp “ v ” ₮

ﾈ 1-88 v



~ O ¿ U “ Ḡ ” ą w U v ض

– – “ _ ” –

ḱ ḱ “ ḱ ” ₮

ﾈ 1-89 ḱ

ќ Enable。 Ɒ

ќ Enable。 Ɒ ~ 。 Ɒ U “ Ḡ ” ą ₹

ɔ 1-91

。 Ɒ

ќ Telnet 。 Ɒ

ќ Telnet。 Ɒ ~ 。 Ɒ U “ Ḡ ” ą

1.9.5 /

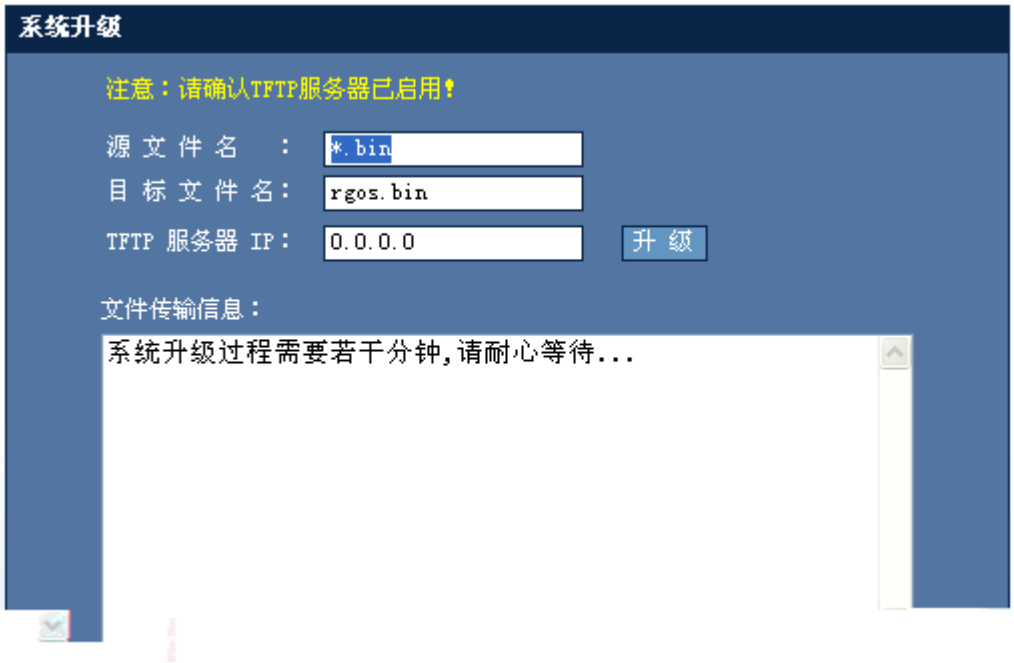
ϟ “ ~ / ₹ ” ą w

~ / ₹

ɔ 1-92 ~ / ₹

1.9.7

1-94



TFTP TFTP U

IP U

1.9.8

1.10 WEB

WEB WEB U enable

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
```

Local

```
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
```

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