



WEB

RG-S5750-L

RGOS 10.4(2b12)p1

V1.0

©2000-2013



RGOS®

RGNOS®



锐捷®

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■ service@ruijie.com.cn

RGOS[®]10.4 (2b12)p1

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1.

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[ ]      [ ]  
{ x | y | ... }  
[ x | y | ... ]  
//
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2.

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📖 š

3.

■

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WEB

WEB

1. WEB

2. WEB

1 WEB

WEB



1

1 2

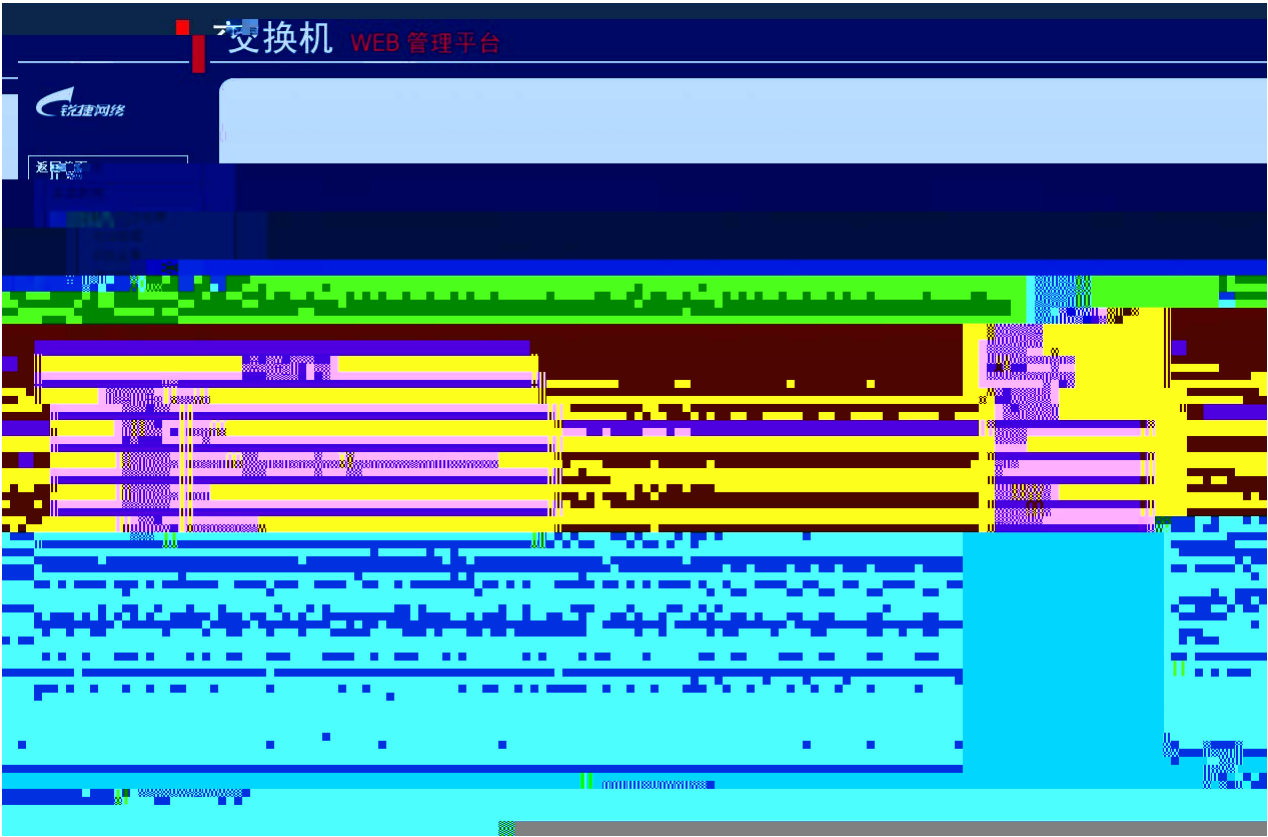
3

III



2

WEB



3 WEB

	WEB	Enable
	enable	III

2.2

2.2.1 IP

1 IP 2 III
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	未激活

4 IP

ip f L

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与网段在同一个网段。

VLAN ID :

2

IP地址 :

192.168.1.2

子网掩码 :

255.255.255.0

激活状态 :

☐ 激活 (UP)

☒ 未激活

保存

取消

http://192.168.195.200/ip_mod

Internet

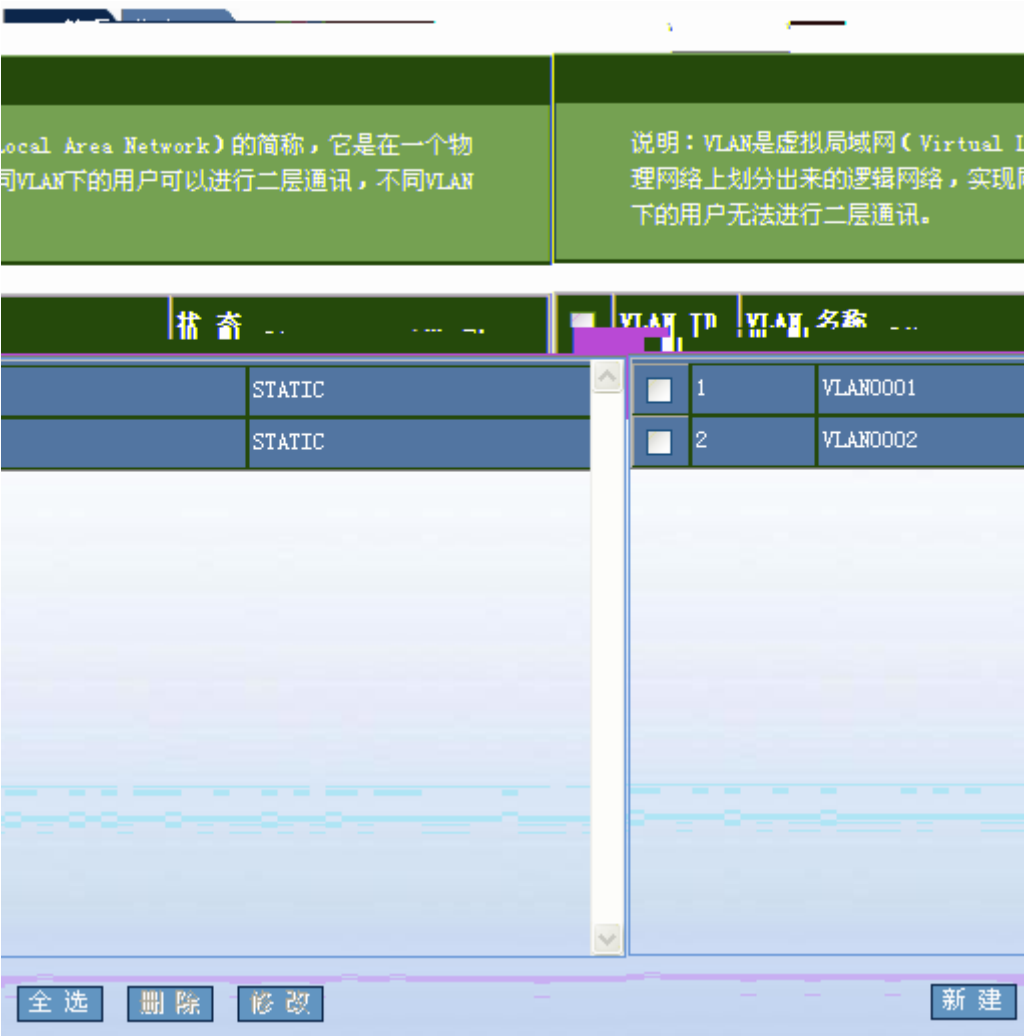
5 IP

IP f L III

2.2.2 VLAN

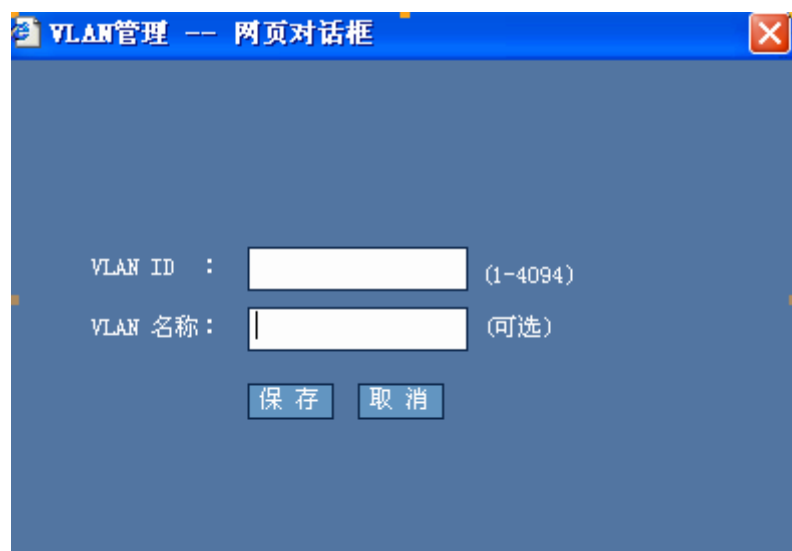
I VLAN L III

1 VLAN



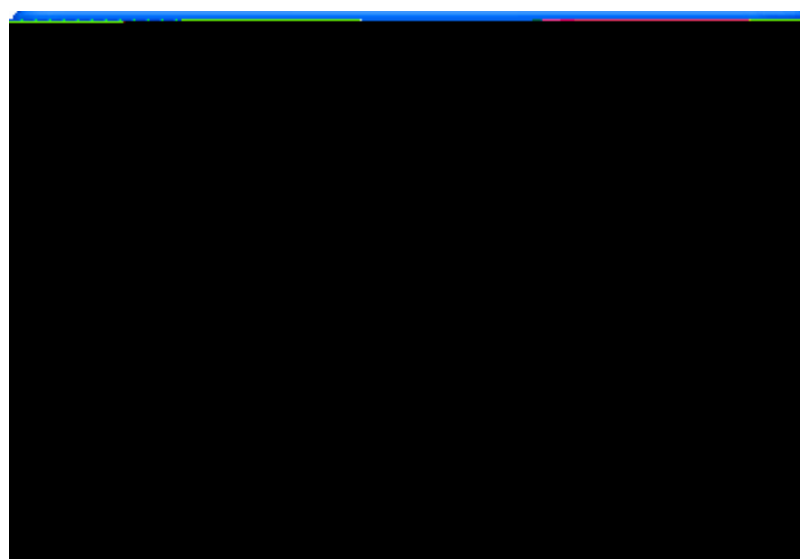
6 VLAN

VLAN III 4 4 VLAN
VLAN III
I L



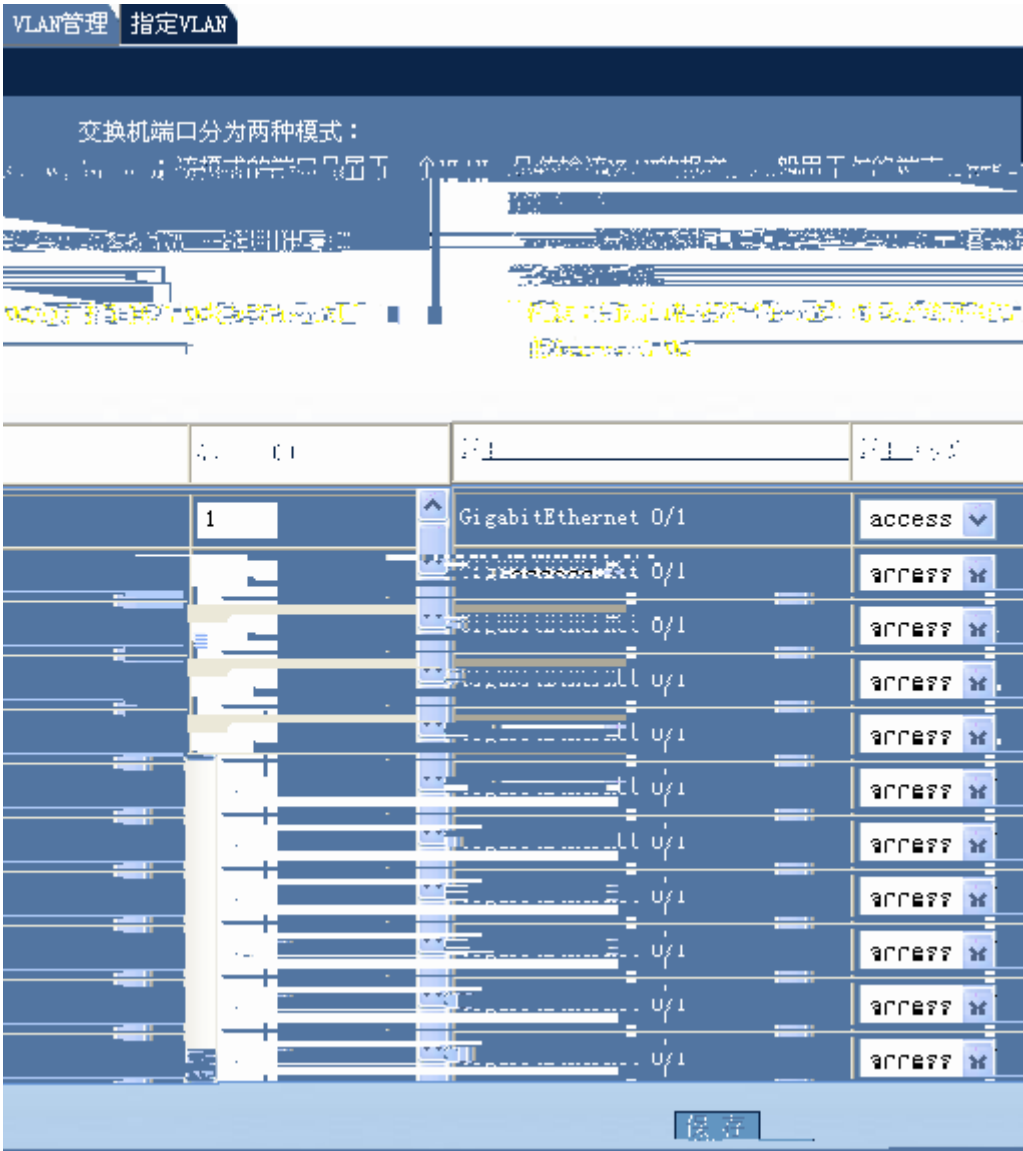
7 VLAN

VLAN ID	VLAN	I	II	III
VLAN	VLAN			III
	VLAN		I	II
	VLAN		I	II



8 VLAN

2 VLAN III

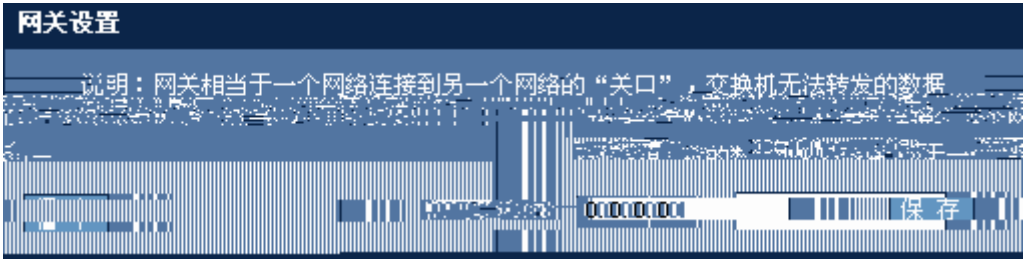


9 VLAN

VLAN ID 1 100

III

2.2.3 5LA¹ u- ±À @



10

IP IP 1 1 III

2.2.4

1 1 III



11

III 1 2 III

2.2.5

1 2 III

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

1 2 III 1 2 III

2.2.6

I L III



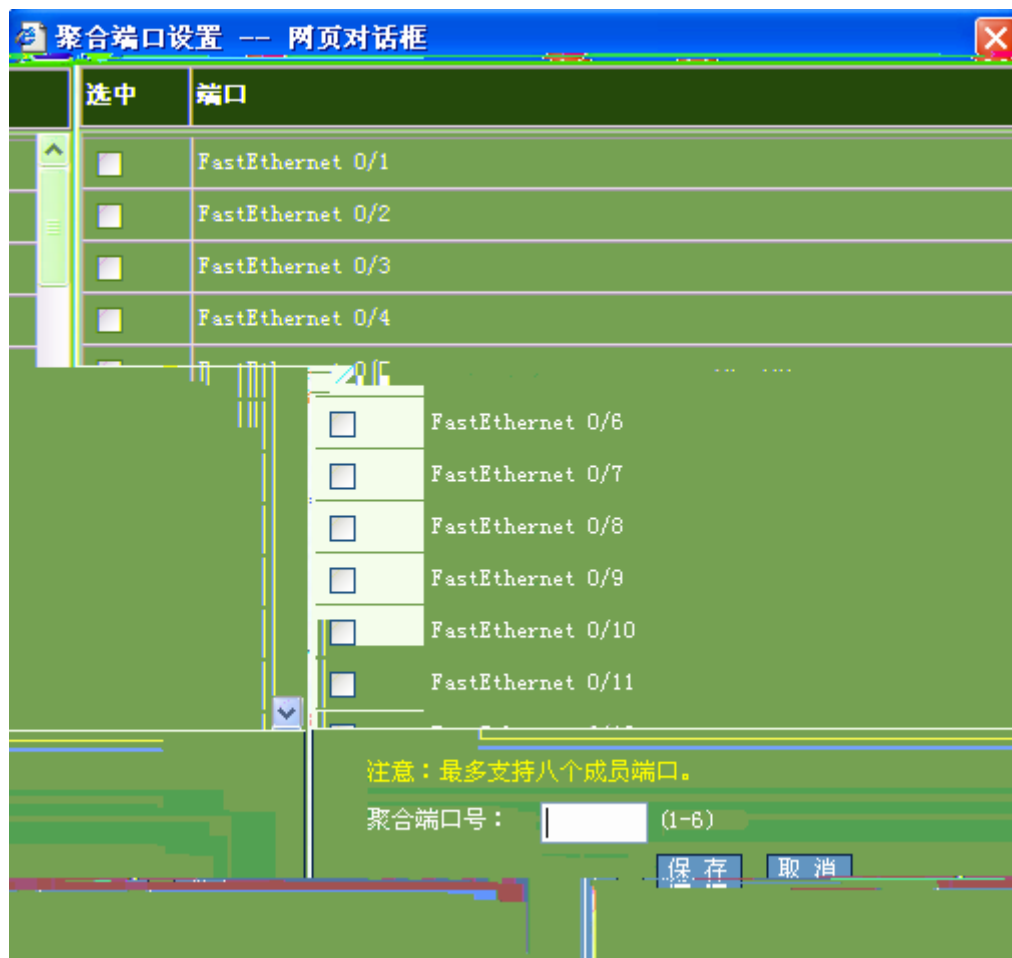
13

1

I L III

2

I L



The screenshot shows the DHCP configuration interface in WinBox. At the top, there's a section titled "DHCP 中继设置" (DHCP Relay Settings). Below it, a note explains that DHCP relay can allocate IP addresses between different subnets, acting as a transit station. The settings include two radio buttons: "开启DHCP中继" (Enable DHCP Relay) which is selected, and "关闭DHCP中继" (Disable DHCP Relay). A "保存" (Save) button is next to them.

Below this is the "DHCP服务器设置" (DHCP Server Settings) section. It features a label "DHCP服务器:" followed by a text input field containing "0.0.0.0". Another "保存" (Save) button is located to the right of the input field.

The bottom part of the image shows a sidebar with a tree view where "DHCP服务器" is highlighted. The main window displays a large, mostly blank area with some faint grid lines, likely representing a network map or a list of DHCP leases that are currently empty.

16 DHCP

1) / DHCP

/ DHCP

I L III

2)DHCP

DHCP

$$\vdash \quad \mathbb{L}$$

III

III

DHCP

$$\vdash \quad \mathbb{L}$$

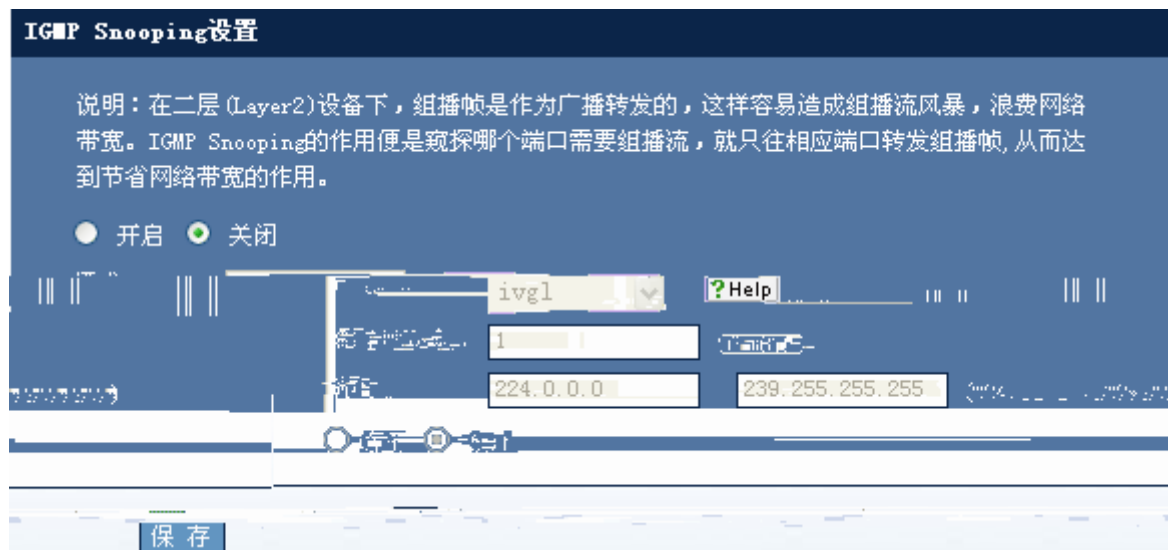
III

2.2.9 IGMP Snooping

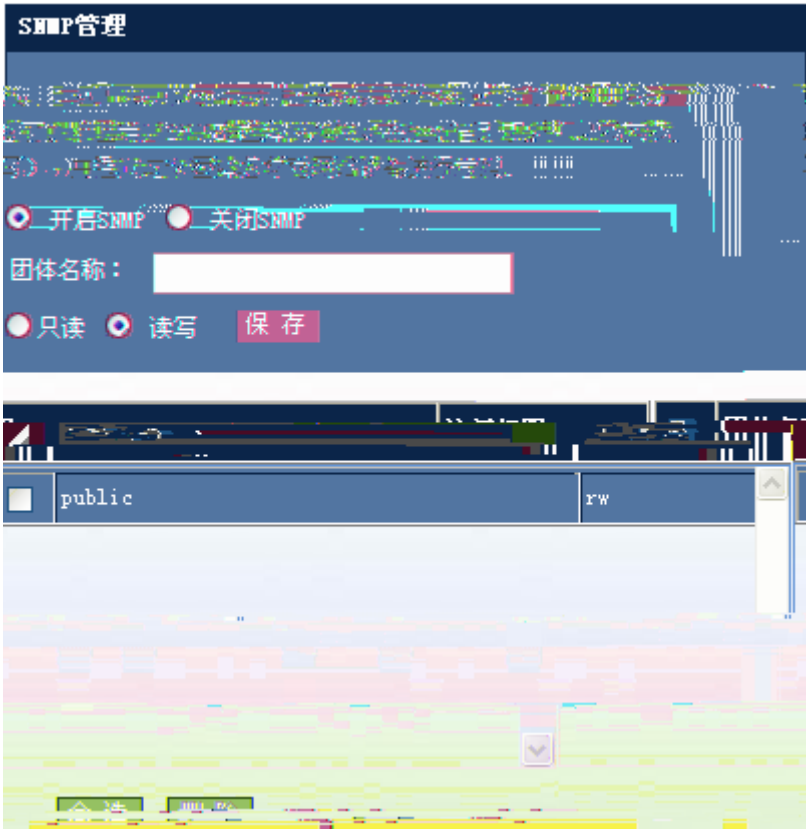
1 IGMP Snooping 1

III

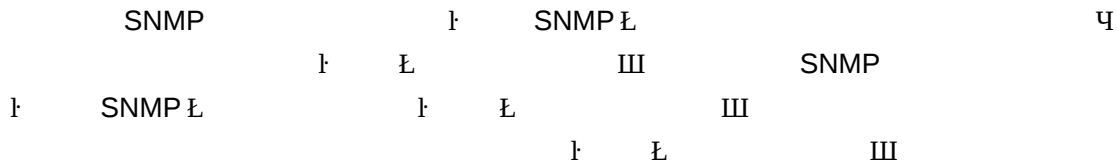
IGMP Snooping



SNMP

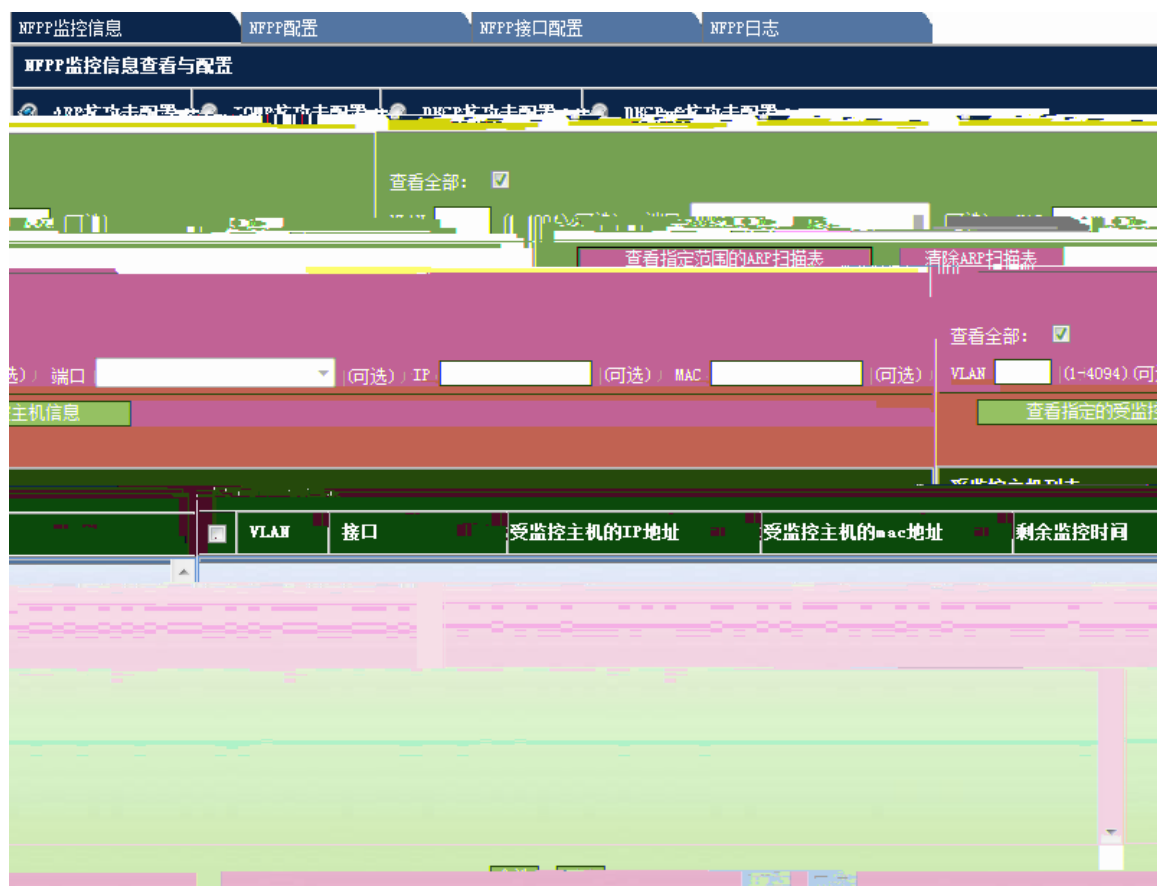


19 SNMP



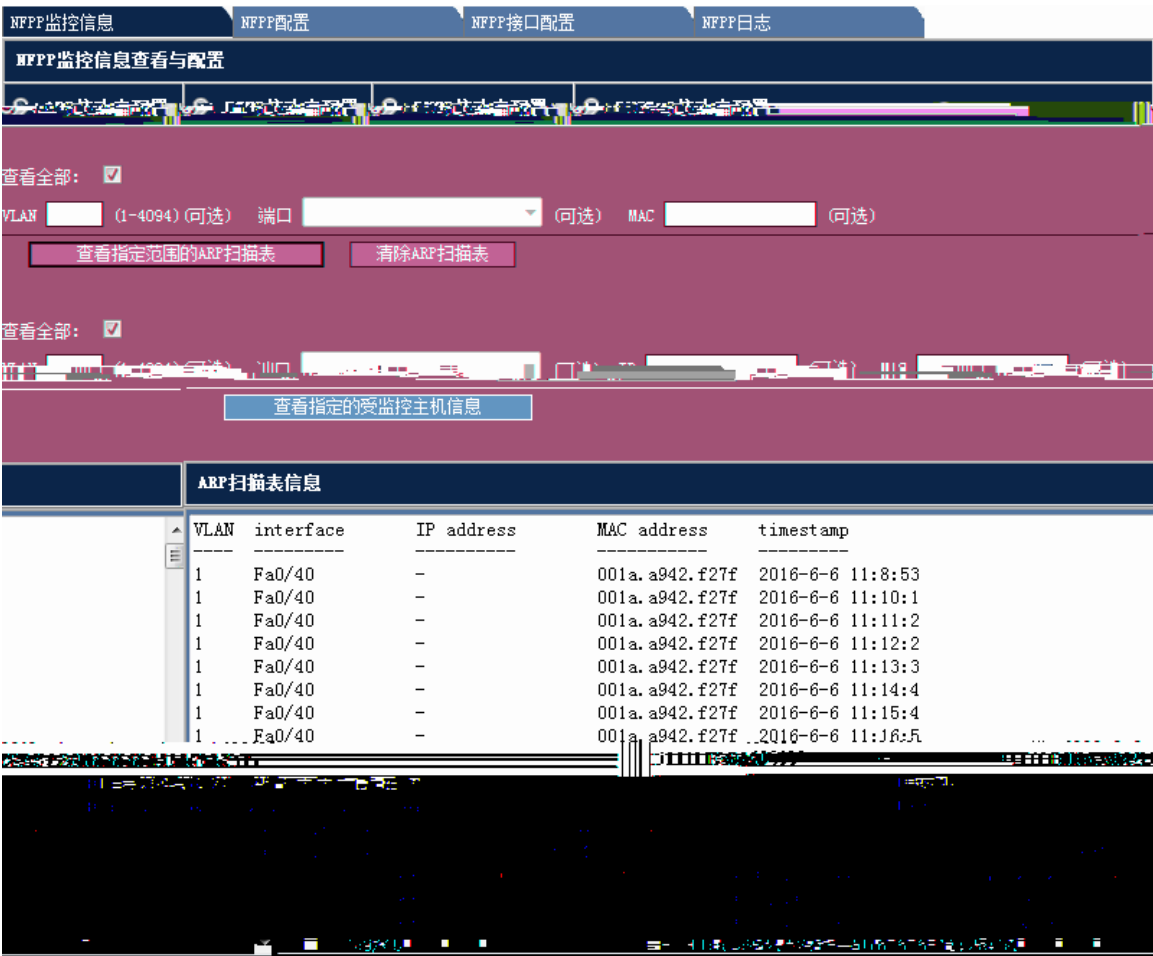
2.2.12 NFPP



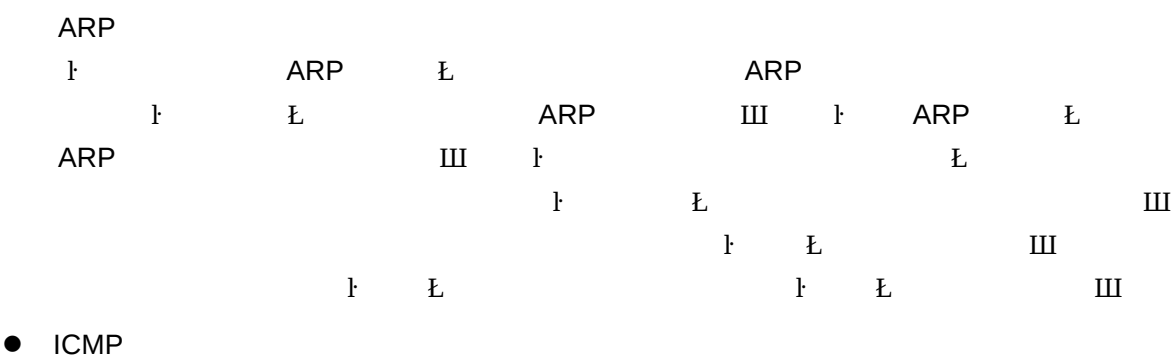


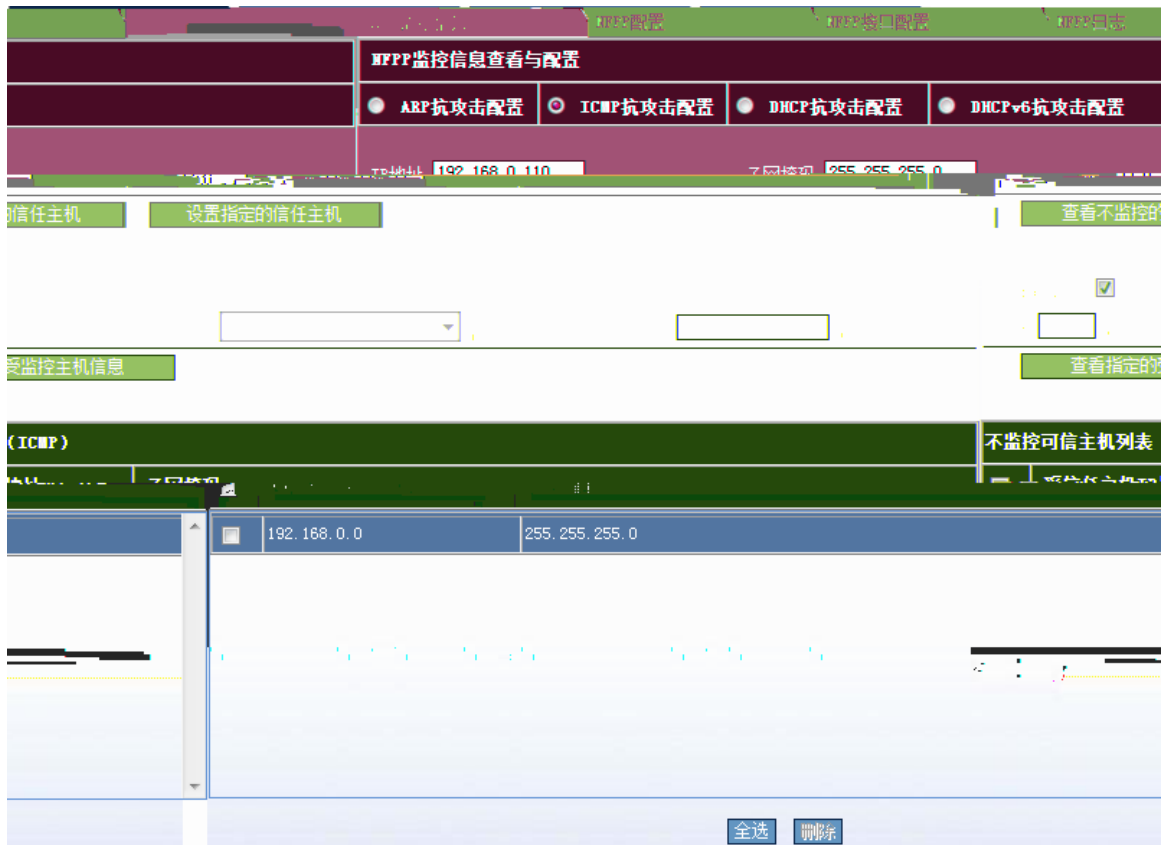
20 NFPP

- ARP

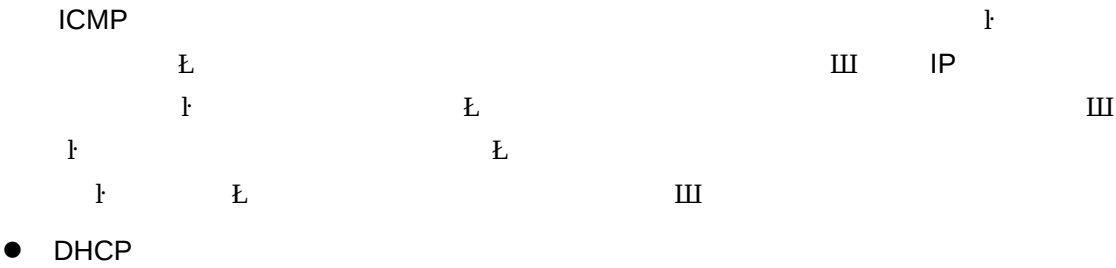


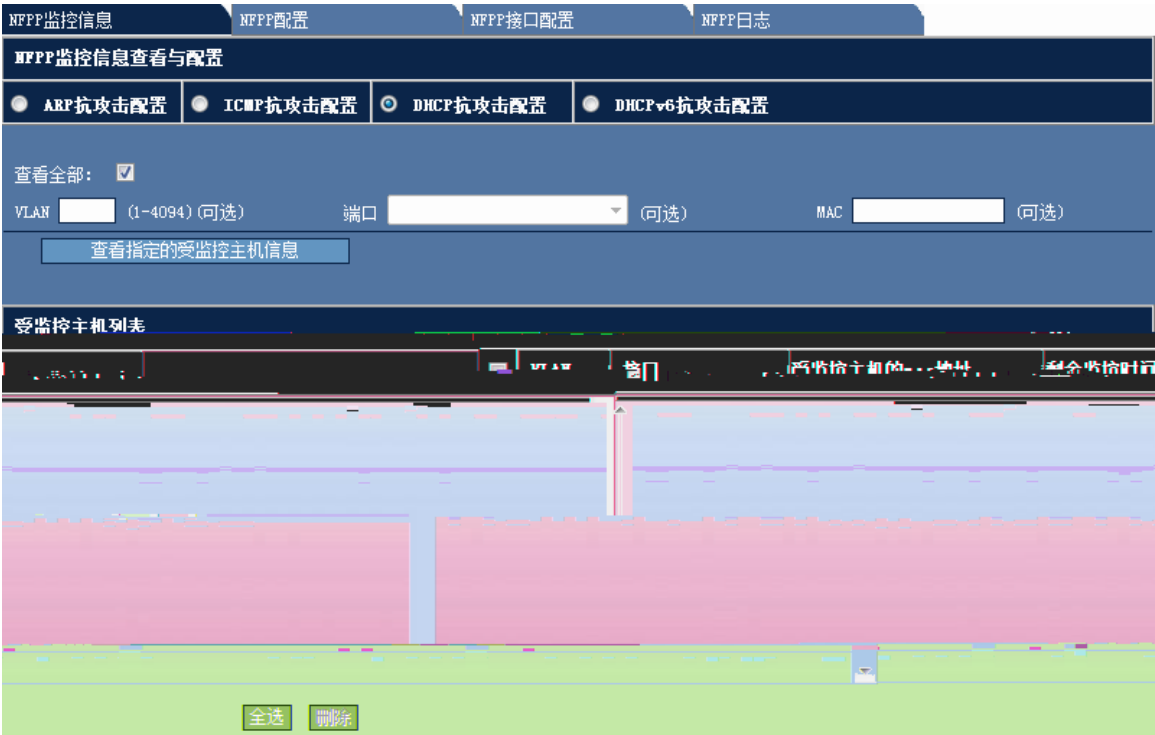
21 ARP





22 NFPP --ICMP

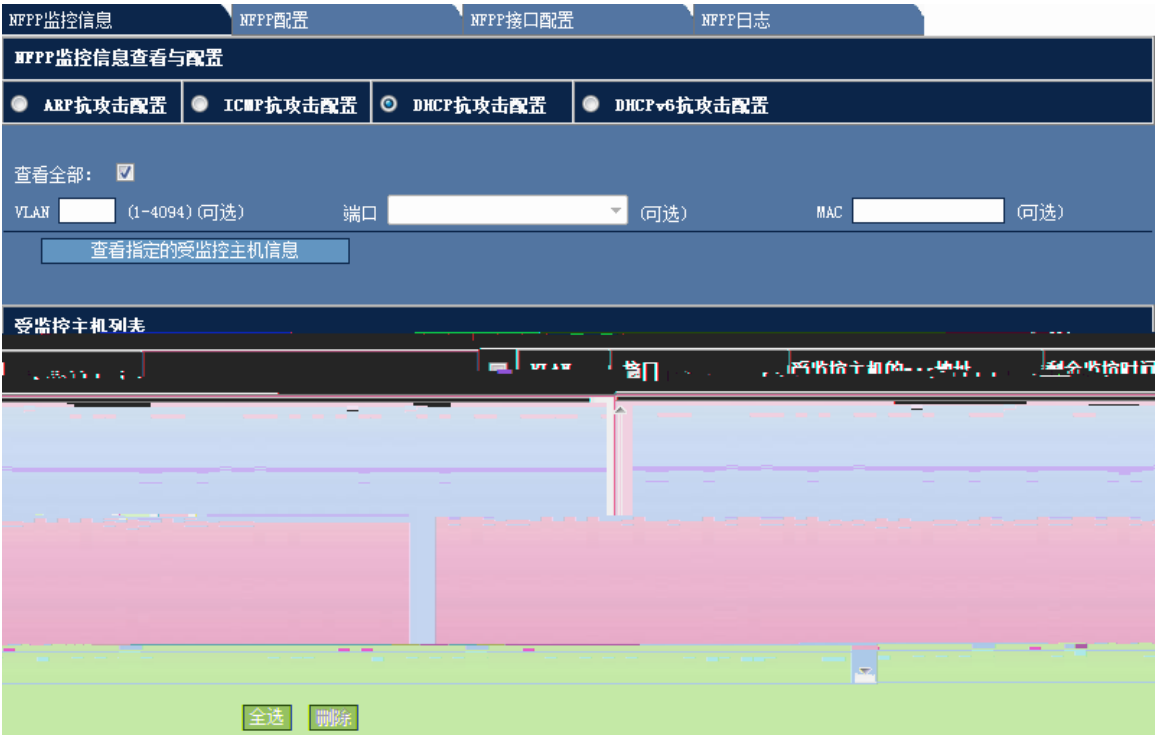




23 NFPP DHCP

DHCP
1 1

● DHCPv6



24 NFPP DHCP

DHCPv6

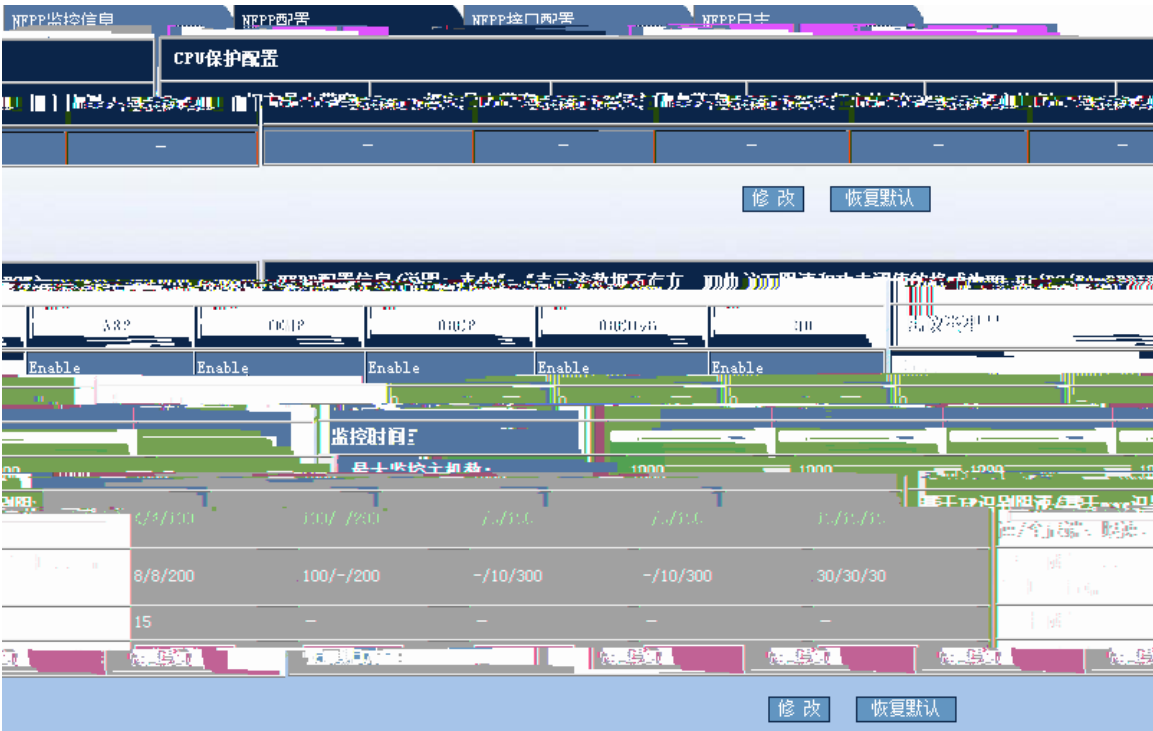
↑

↓

↑

↓

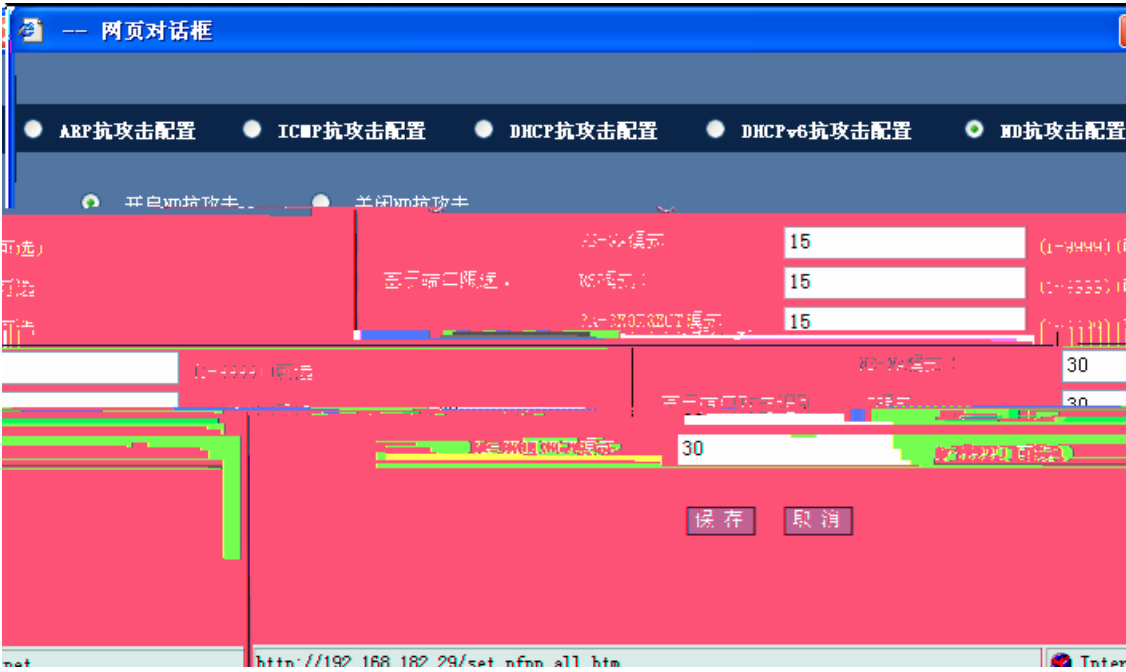
2 NFPP



CPU

└ ┘
└ ┘
III

- NFPP



27 NFPP

NFPP
└ ┘
NFPP
└ ┘
III └ ┘
└ ┘ NFPP
III

- 3 NFPP

- ARP

NFPP监控信息NFPP配置NFPP接口配置NFPP日志

NFPP接口信息配置

ICMP抗攻击配置DHCP抗攻击配置DHCPv6抗攻击配置ND抗攻击配置ARP抗攻击配置

0/1

开启ARP抗攻击

关闭ARP抗攻击

默认

接口: FastEthernet

(可选): 限速值: 123 (1-9999)攻击阈值: 123 (1-9999)

基于ip/vid/端口识别主机

(可选): 限速值: 789 (1-9999)攻击阈值: 789 (1-9999)

基于mac/vid/端口识别主机

(可选): 限速值: 123 (1-9999)攻击阈值: 456 (1-9999)

基于port端口识别主机 (可

(0/30-86400) (可选) ☐ 永久隔离扫描阈值: 123 (1-9999) (可选)

隔离时间: 123

保存

攻击状态	隔离时间	限速值 (基于IP/MAC/PORT)	攻击阈值 (基于IP/MAC/PORT)	扫描阈值	☐	接口	ARP抗攻击
	123	123/789/123	123/789/456	123	☐	Fa0/1	Enable

全选

删除

28 NFPPNFPPARP

ARPNFPP

IIL

III

- ICMP

23



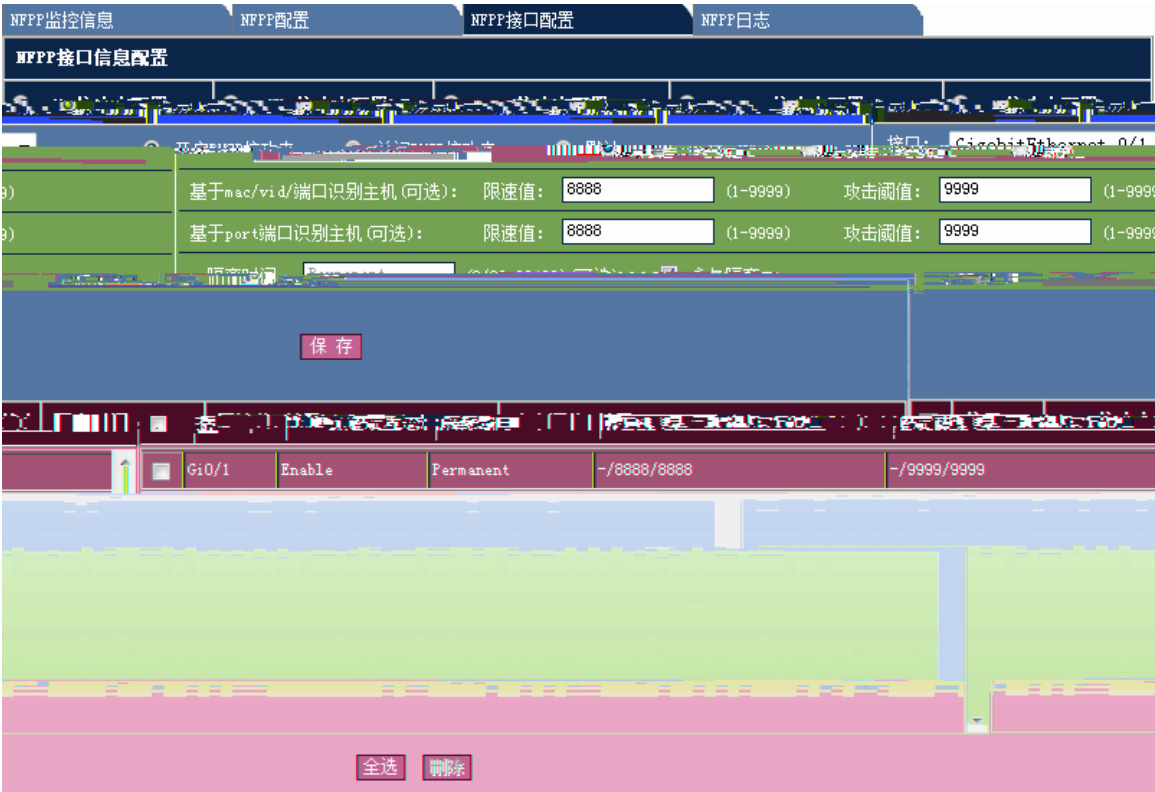
29 NFPP NFPP ICMP

ICMP NFPP

I L

III

- DHCP



30 NFPP NFPP DHCP

DHCP NFPP

III

- DHCPv6

NFPP监控信息NFPP配置NFPP接口配置NFPP日志

抗攻击配置

ND抗攻击配置

攻击

默认

9999

(1-9999)

9999

(1-9999)

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

接口

GigabitEthernet 0/1

开启DHCPv6抗攻击

关闭DHCPv6抗攻击

基于mac/vid/端口识别主机(可选):

限速值

8888

(1-9999)

攻击阈值

基于port端口识别主机(可选):

限速值

8888

(1-9999)

攻击阈值

隔离时间

Permanent

(0/30-86400)(可选)

永久隔离

保存

MAC(PORT)

接口

DHCPv6抗攻击状态

隔离时间

限速值(基于IP/MAC/PORT)

攻击阈值(基于IP/MAC/PORT)

Gi0/1

Enable

Permanent

~/8888/8888

~/9999/9999

全选

删除

31 NFPPNFPPDHCPv6

DHCPv6NFPP

fL

III

- 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☒ DD抗攻击配置

Cisco/ibyte/huawei/0/1

限速值: 8888 (1-9999) 攻击阈值: 9999 (1-9999) NS-NA模式:

限速值: 1111 (1-9999) 攻击阈值: 2222 (1-9999) 基于port/ip/端口/识别主机(勾选):

保存

Gi0/1

Enable

8888/1111/3333

9999/2222/5555

全选

删除

32 NFPP N

NFPP

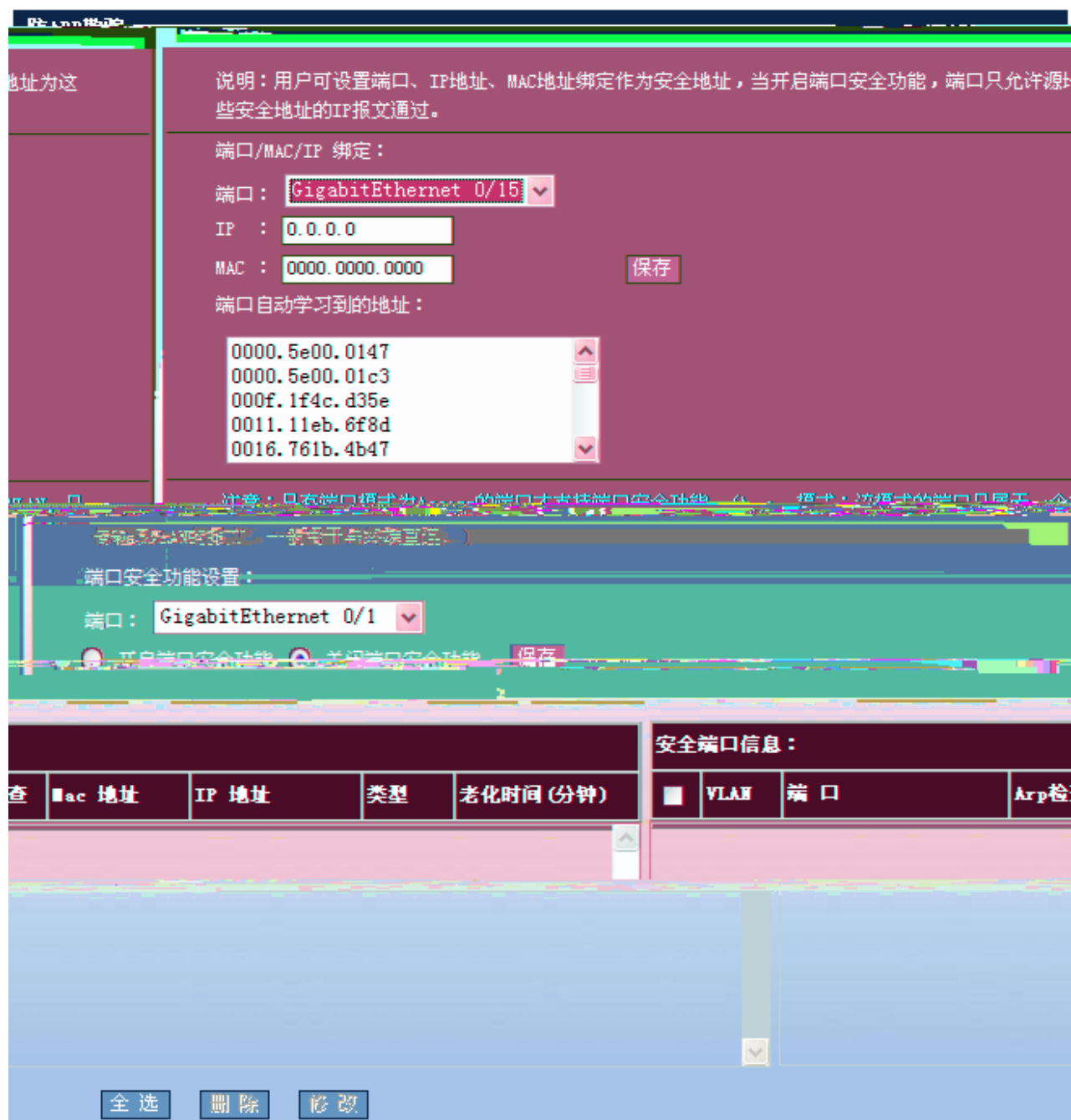
[illegible]

2.3

2.3.1 ARP

ARP ARP Ł III





36 ARP

1) /MAC/IP

/MAC/IP

IP MAC

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↓

MAC

GigabitEthernet 0/15

MAC III

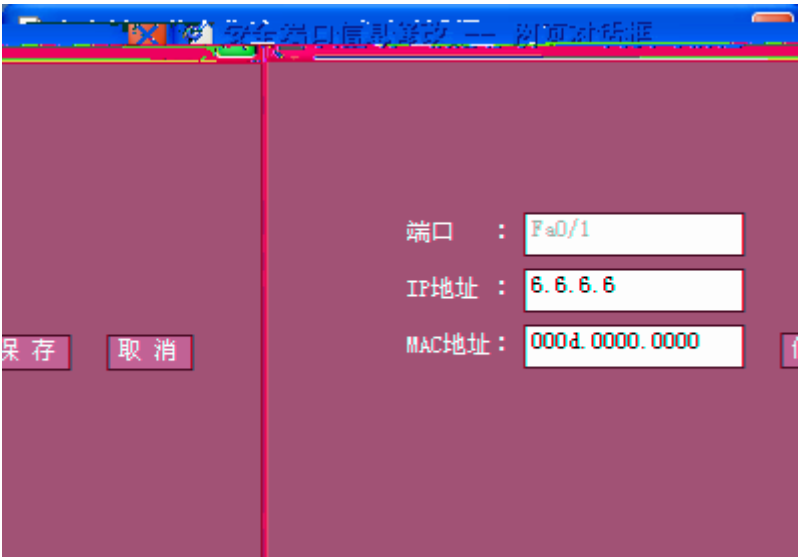
2

III

III

3)

┆ Ł



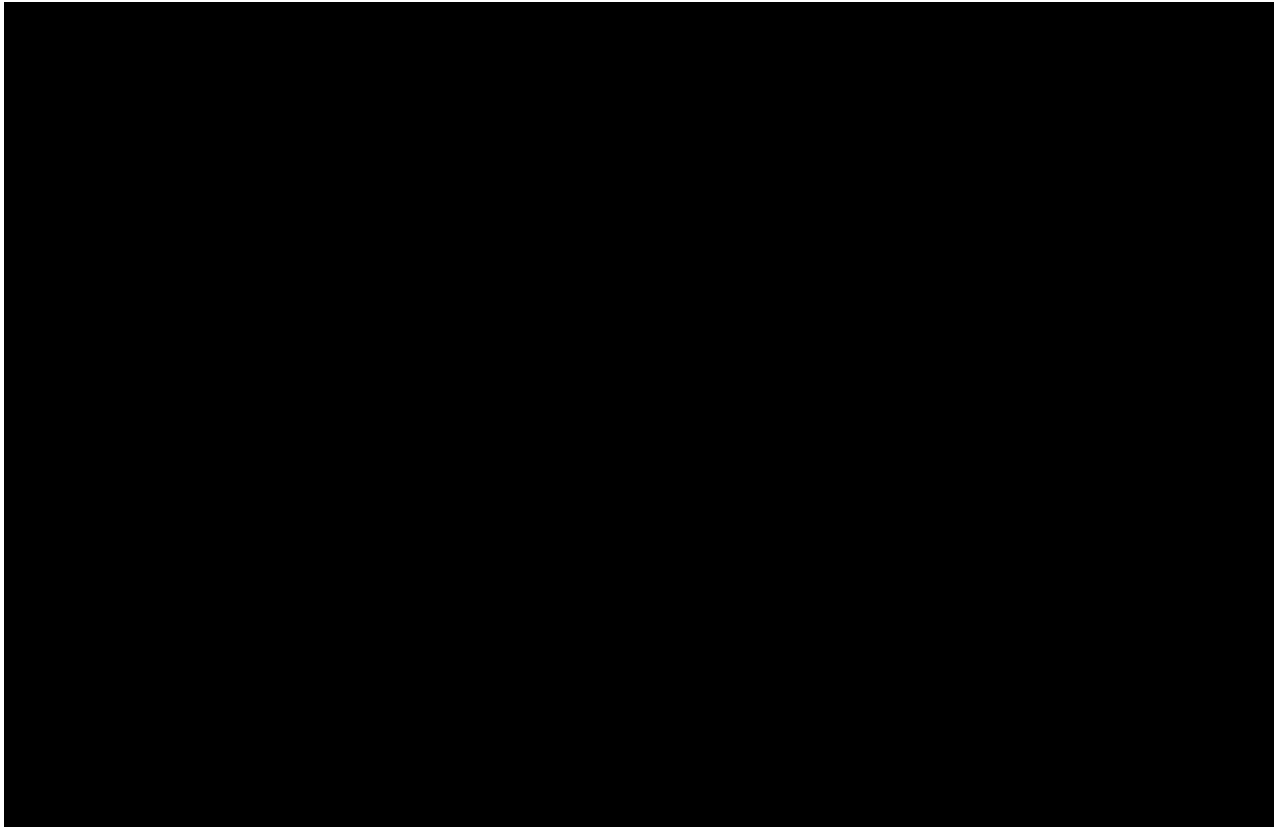
┆ Ł

2.3.4 ACL

 $\vdash \text{ACL} \perp$

III

ACL



39 ACL

1 ACL

ACL

ACL

 $\vdash \perp$
 $\vdash \perp$

2 ACL

IP

 $\vdash$

IP

 $\perp$

IP

ACL

ACE III

ACL

ACL

ACE

 $\vdash$
 $\perp$

ACE

III

III

ACL



IP

III

III

ID

IP

IP

,

IP

$$\vdash \quad \mathbb{L}$$

III

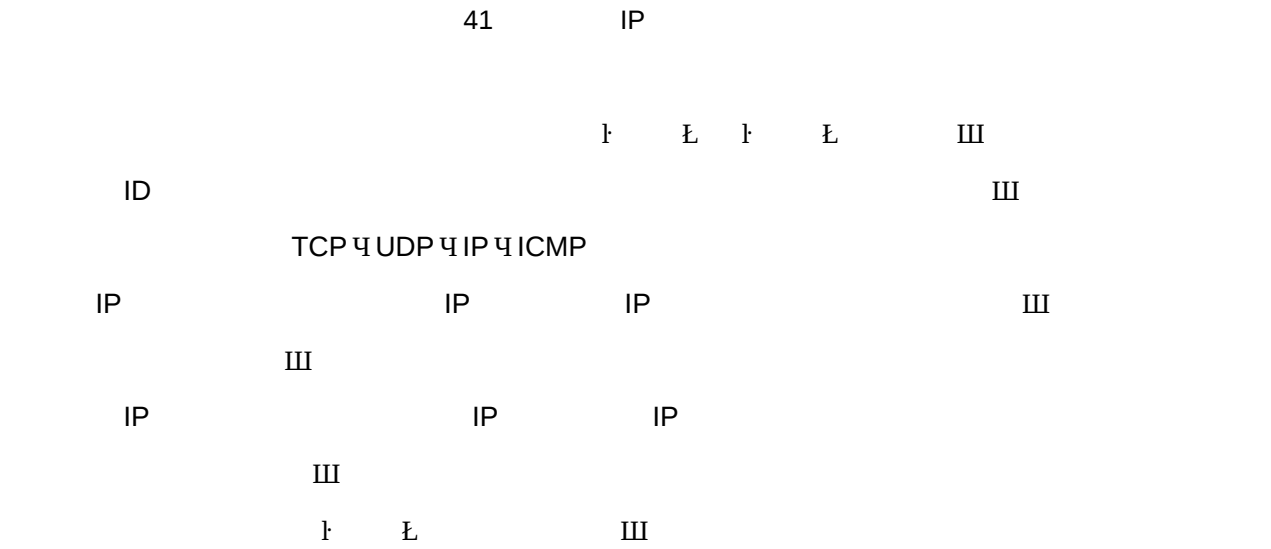
IP

1.

IP

$$\mathbb{L}$$

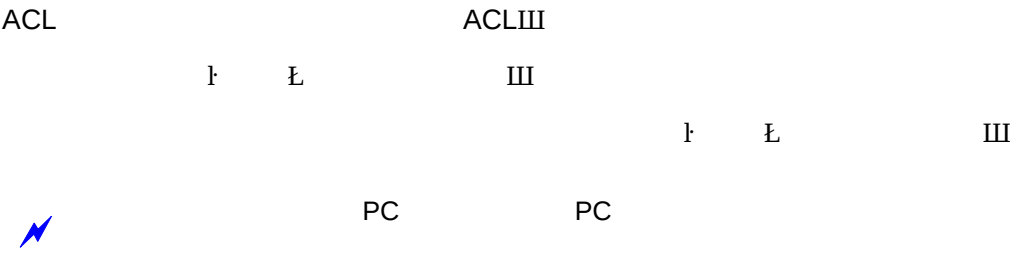
IP



3 ACL



42 ACL



IP Source Guard DHCP Snooping
DHCP Snooping

III

I IP Source Guard III

IP Source Guard



43 IP Source Guard

1

IP Source Guard III
IP+MAC I IP+MAC ()

2

IP

MAC MAC

VLAN	VLAN ID
IP	IP

III

接口配置

用户绑定

配置静态的IP源地址绑定用户

MAC地址:

VLAN:

(1-4094)

IP地址:

选择接口:

保存

型	VLAN	接口	MAC地址	IP地址	租期	类

全选

删除

44

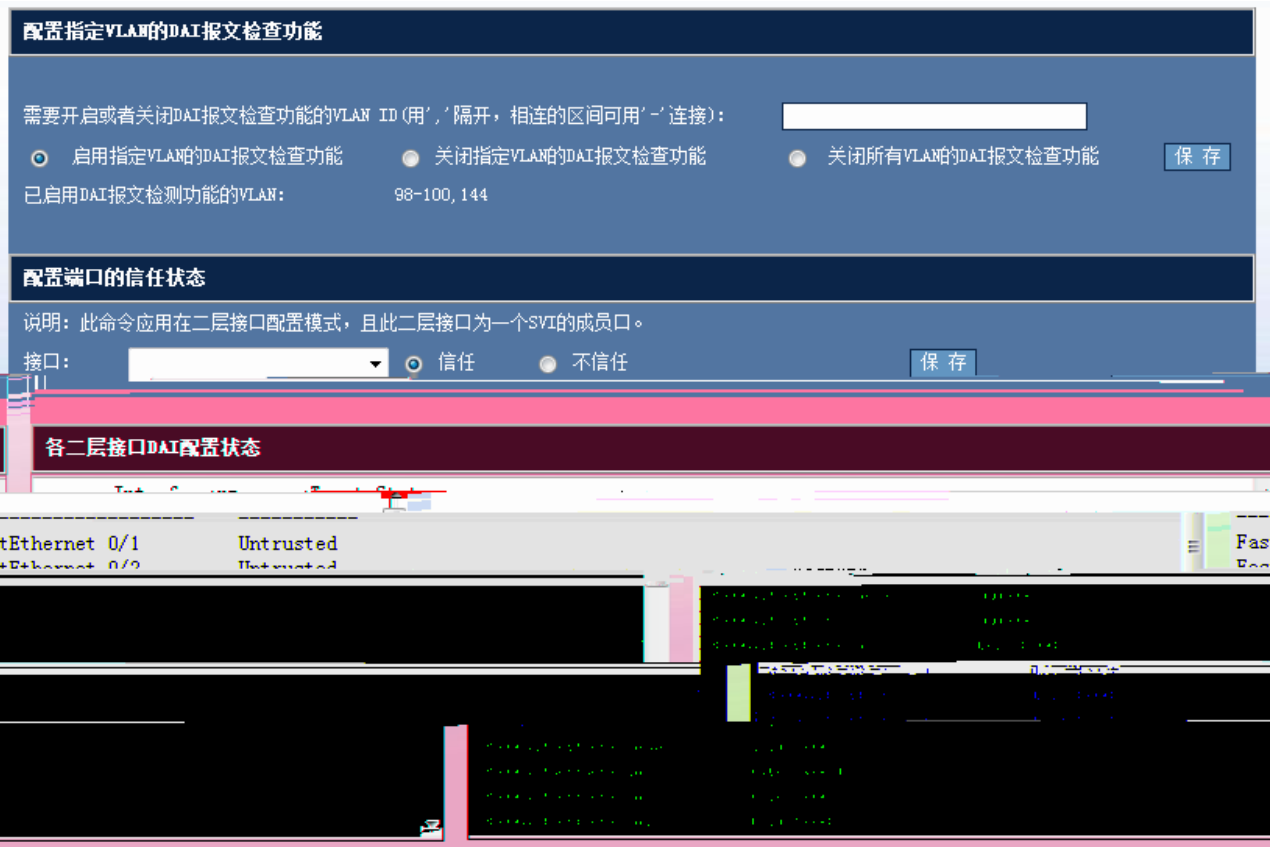
2.3.6 DAI

DAI Dynamic ARP Inspection ARP III ARP

 arp III

 I: DAI L III

DAI



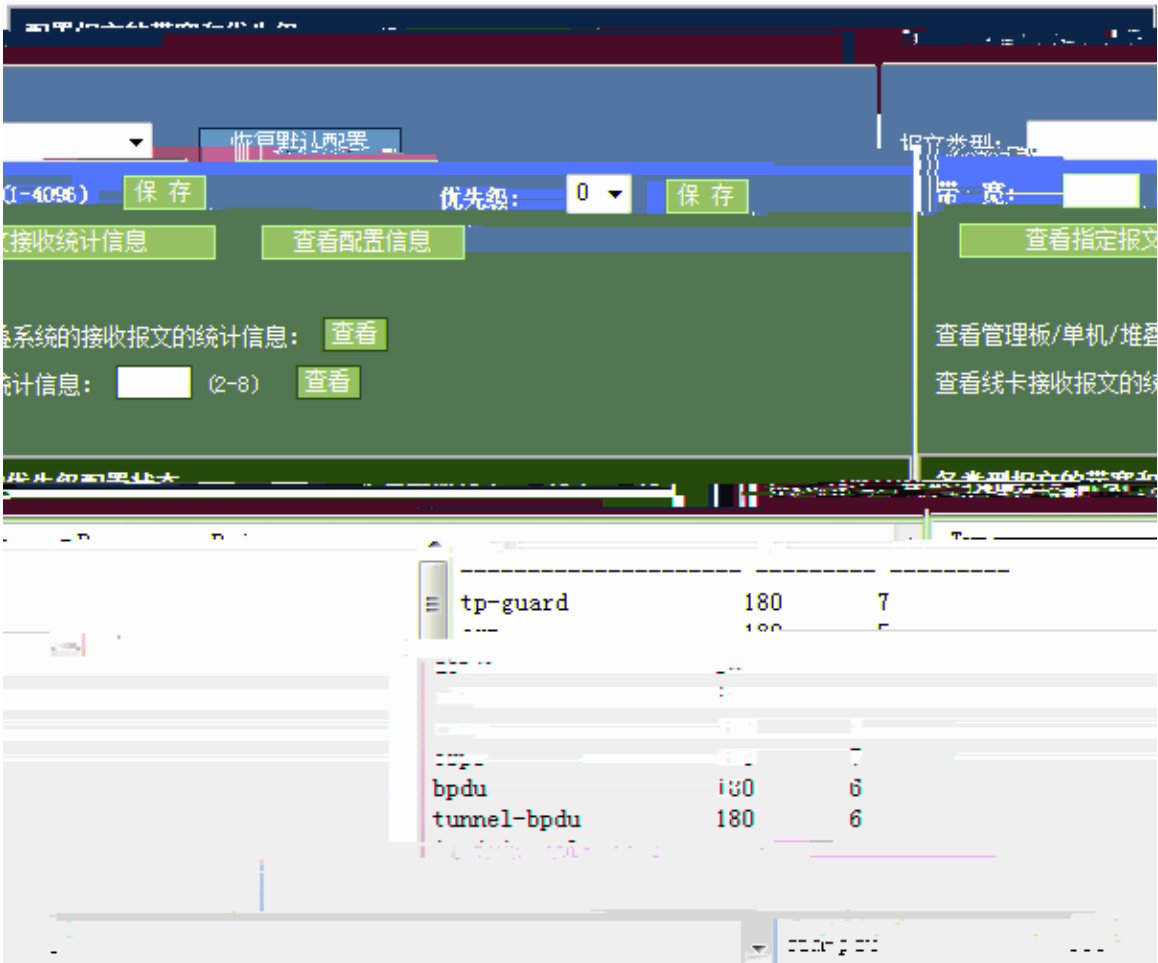
45 DAI

- 1
- VLAN
- DAI
- VLAN
- DAI
- III

GSN
GSN
III
III

2.3.8 CPP

I CPP L III



47 CPP

I L III
I L III
I L III
I L III

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

48

$$\mathbb{L} \quad \mathbb{L}$$

Type	Port	Priority	
arp-guard	180	7	
arp	180	7	
dot1x	2000	4	
rldo	180	7	
180	7		rerp
180	7		erps
180	7		hodu
tunnel-bpdu	180	6	
ipv4-icmp-local	1600	6	
lldp	180	5	
lldp_cdp	180	5	
cfn-pdu	180	3	

49

/ /

$$\vdash \quad \mathbb{L}$$

/ /

[illegible]

50 / /

I L III

2.3.9 RADIUS

I RADIUS L III

1 RADIUS

Radius服务器

Radius服务器组

AAA参数配置

AAA new-model:

开启

关闭

密钥:

隐藏密钥

保存

记帐计费更新功能:

开启

关闭

非认证认证服务器动态上下线:

supplicant

保存

IP地址(可选):

配置

Radius服务器

IP地址:

192.168.0.111

(0-65535) (可选)

(0-65535) (可选)

保存

Radius服务器

UDP认证端口:

UDP记帐端口:

服务器IP地址

认证端口

记帐端口

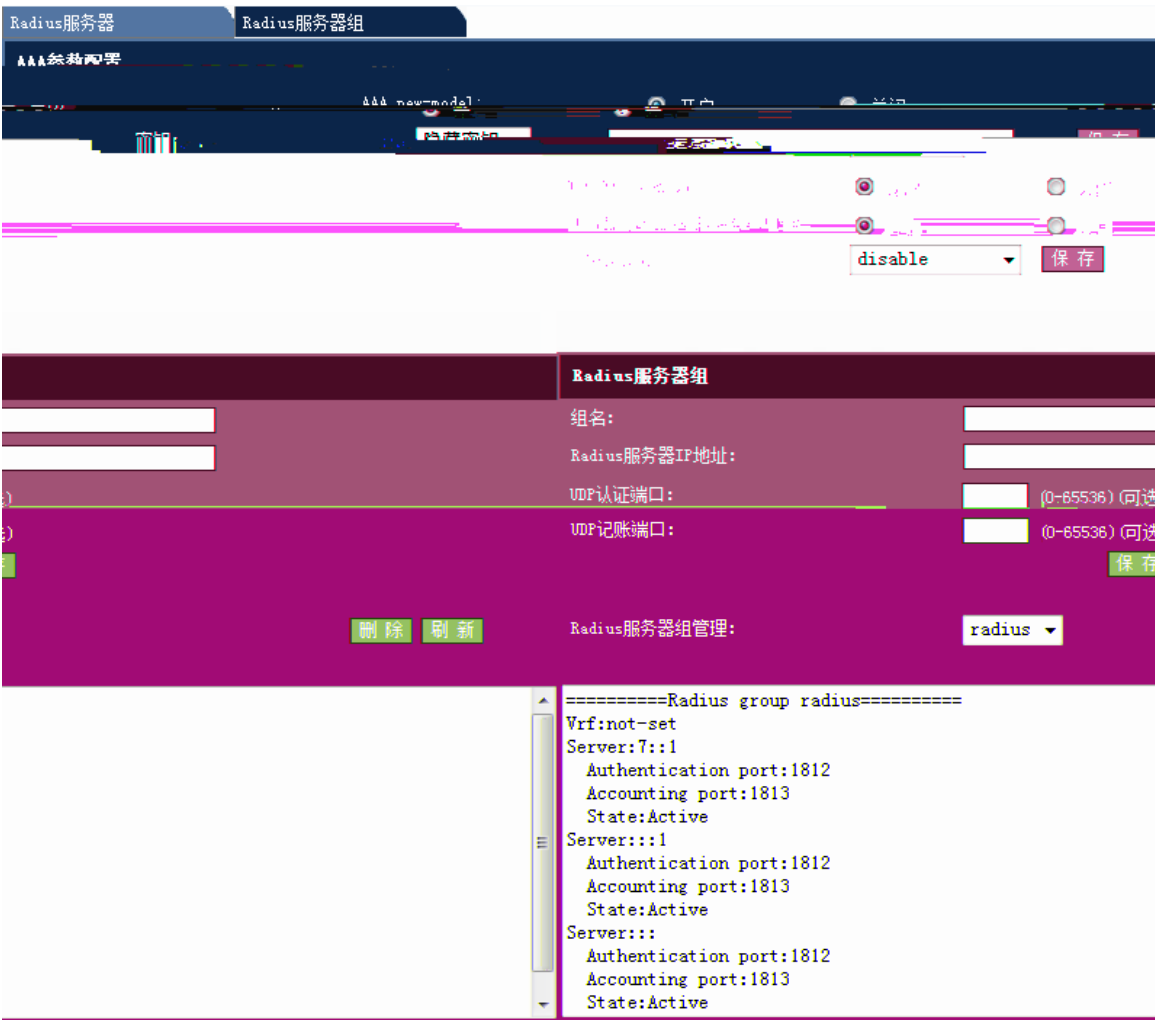
服务器状态

Radius

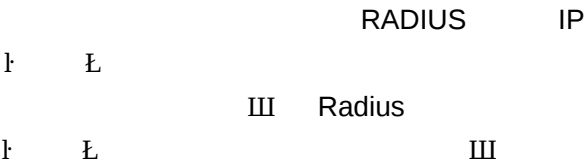
1813	1812	192.168.0.111	
------	------	---------------	--

全选

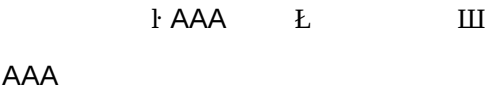
删除

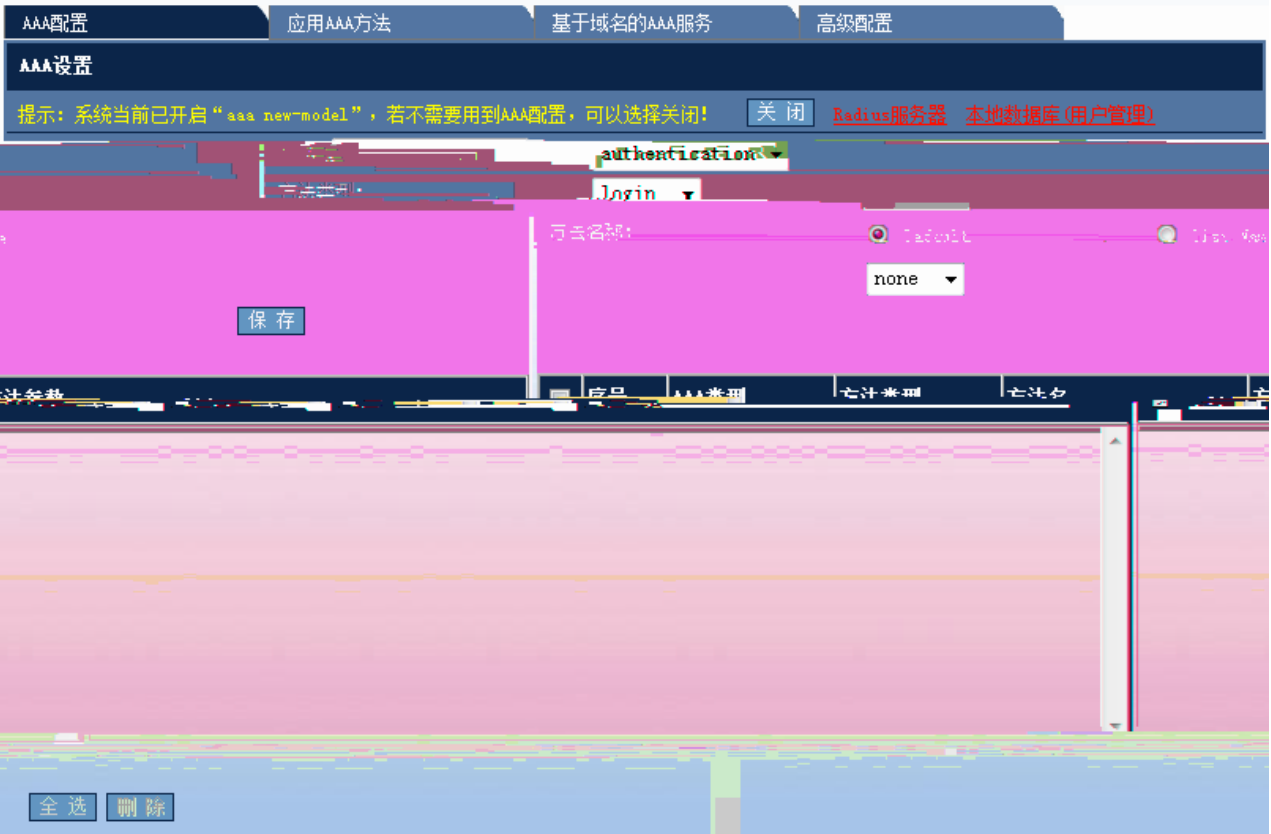


52 RADIUS



2.3.10 AAA





53 AAA



54 AAA

III

AAA

AAA

III

III

3

AAA

AAA配置

应用AAA方法

基于域名的AAA服务

高级配置

基于域名的AAA服务

其下域名的AAA服务

域名:

Default

Domain Name

认证方法:

default

授权方法:

default

计费方法 (accounting):

default

网络:

default

启用域名认证:

with domain

without domain

限制:

2

管理:

删除

====Domain default=====

Block

format: With-domain

limit: 2

Access statistic: 0

method list:

authentication dot1x default

authentication ppp default

authorization network default

记账方法

用户名:

密码:

AAA Dom

State:

Username

Access

802.1X

Selecte

authen

authen

author

55

AAA

Dot1x

PPP

Access Limit

(network)

AAA

(network)

AAA Domain

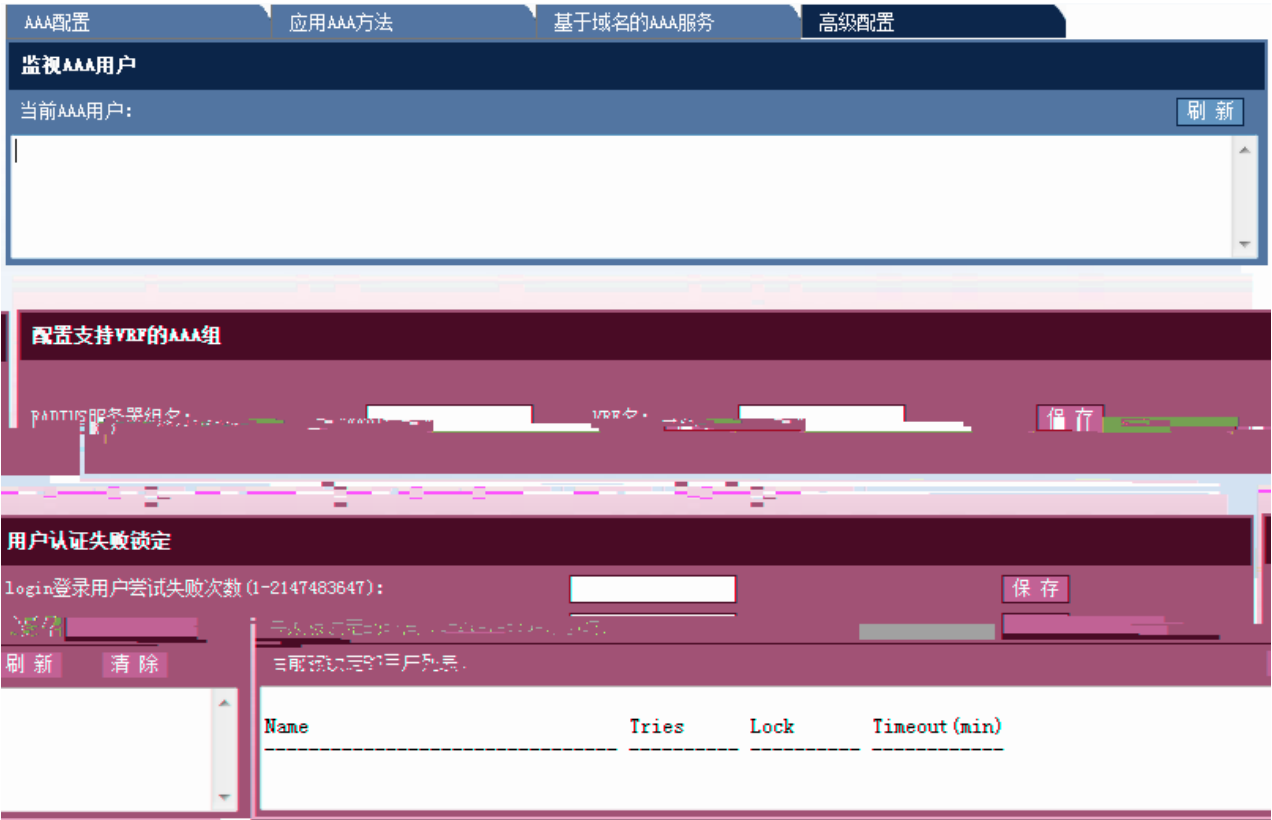
III

III

4

AAA

46



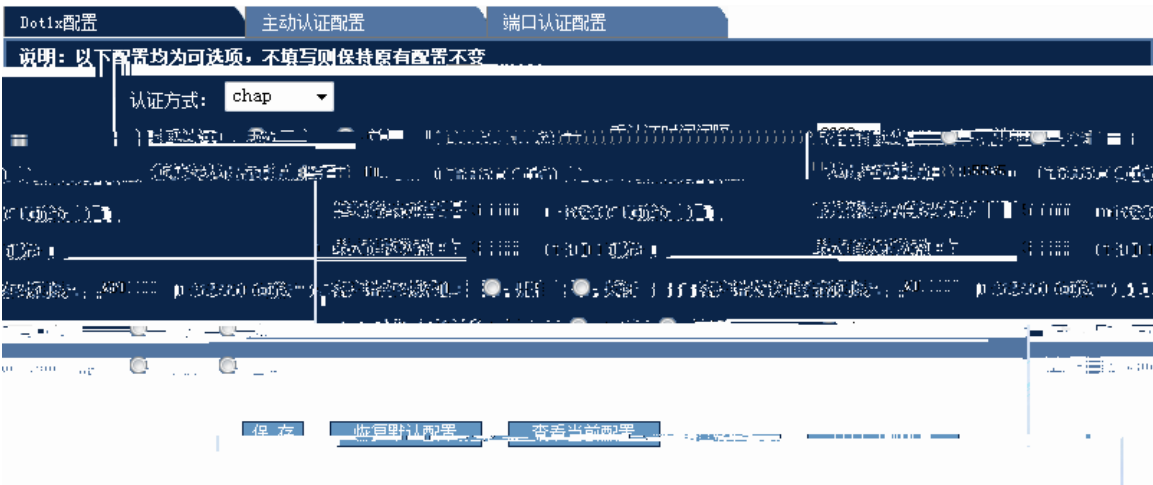
56 AAA

AAA AAA VRF AAA III

2.3.11 Dot1x

I Dot1x L III

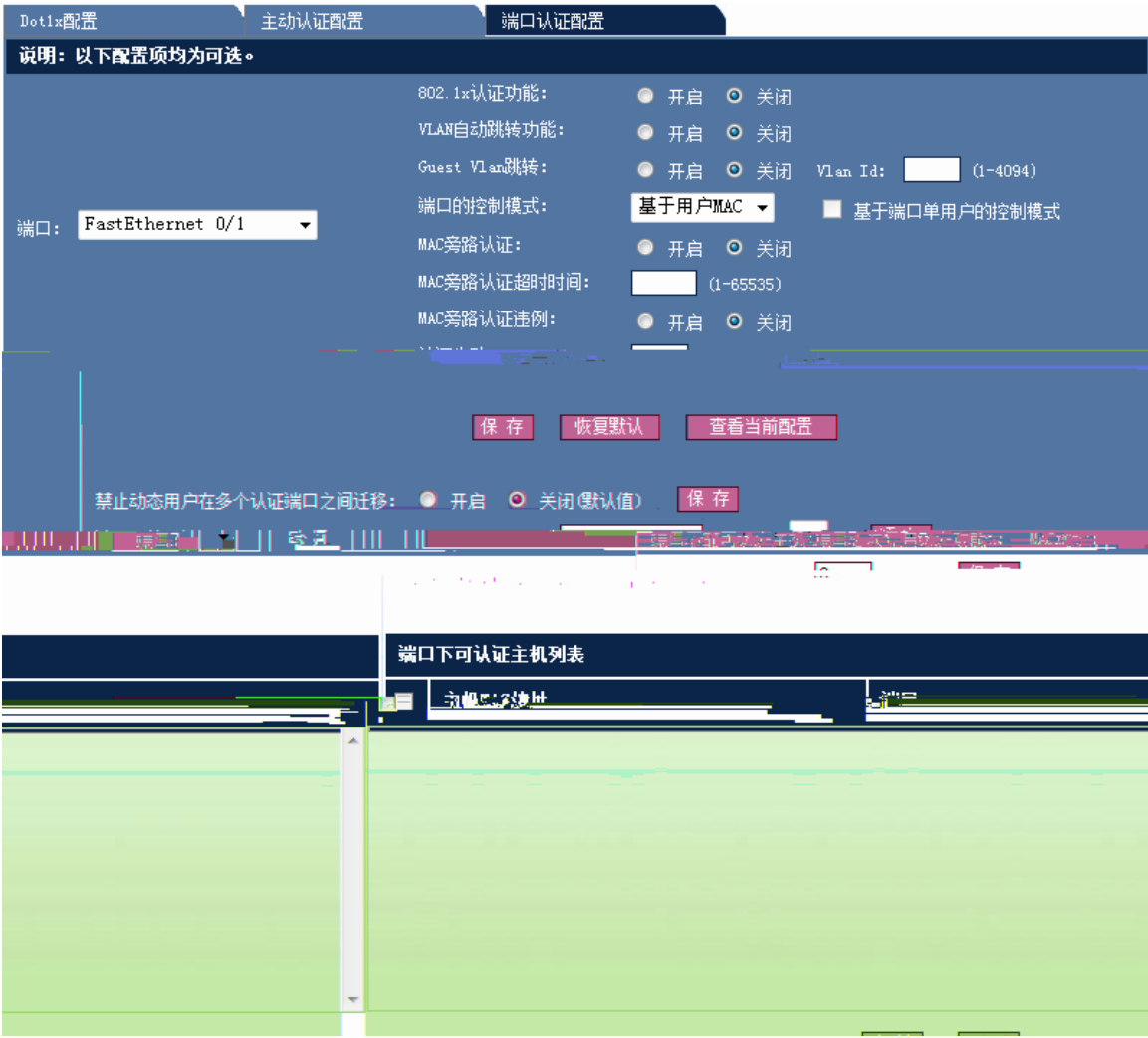
1 Dot1x



57 Dot1x

Dot1x

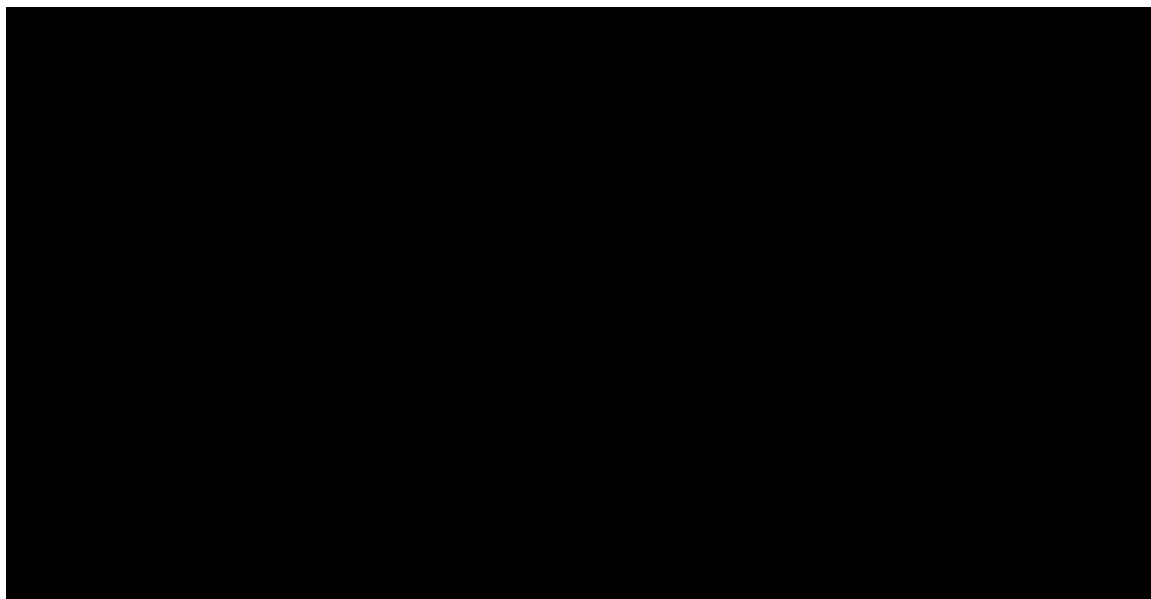
f L



Dot1x

I L I L I L

III



2

$$\vdash \quad \mathbb{L}$$

III

802.1x

MAC

$$\vdash \quad \mathbb{L}$$

III VLAN

III

$$\vdash \quad \mathbb{L}$$

2.3.12

I L III



61

	IP	MAC		
1	IP		MAC	MAC
		III		
2	ARP	IP	MAC	III

智能绑定

手动查找IP MAC对应信息

通过ARP表查看IP MAC对应信息

序号	IP	MAC	Vlan	操作
1	192.168.23.14	bc30.5bbe.8f4f	1	绑定
2	192.168.23.39	0025.64c5.af05	1	绑定
3	192.168.23.55	001e.ec0e.70ee	1	绑定
4	192.168.23.66	0023.ae86.b116	1	绑定
5	192.168.23.76	00d0.f866.66e0	1	绑定
6	192.168.23.83	0025.64af.cdee	1	绑定
7	192.168.23.93	0025.64c5.8970	1	绑定
8	192.168.23.94	0025.64c5.b2b9	1	绑定

刷新

62 ARP

2.3.13 WEB

I web L III
web



64

IP

III

III

3)



65

IP

III

III

III

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

III

III

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

III

2.3.14 DHCP Snooping

1 DHCP Snooping 2

III

DHCP Snooping

[illegible]

68 DHCP Snooping

1)DHCP Snooping

DHCP Snooping DHCP Snooping MAC

I L III

2)DHCP Snooping

I L

III I L III

2.4 QOS

2.4.1

I L III

分类设置

说明：分类设置采用ACL的匹配规则识别出符合某类特征的数据流，并对该数据流进行标记。

类名：

ACL列表：

▼

(ACL设置)

保存

■ 类名

ACL

全选 删除

69

ACL I L III

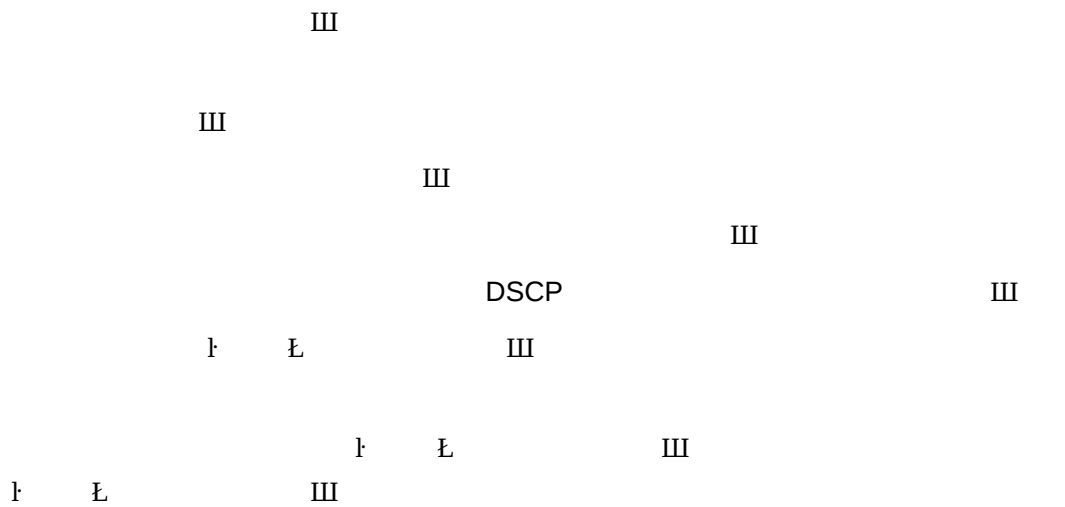
I L III

2.4.2

I L III



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2.4.3

I L III

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

III

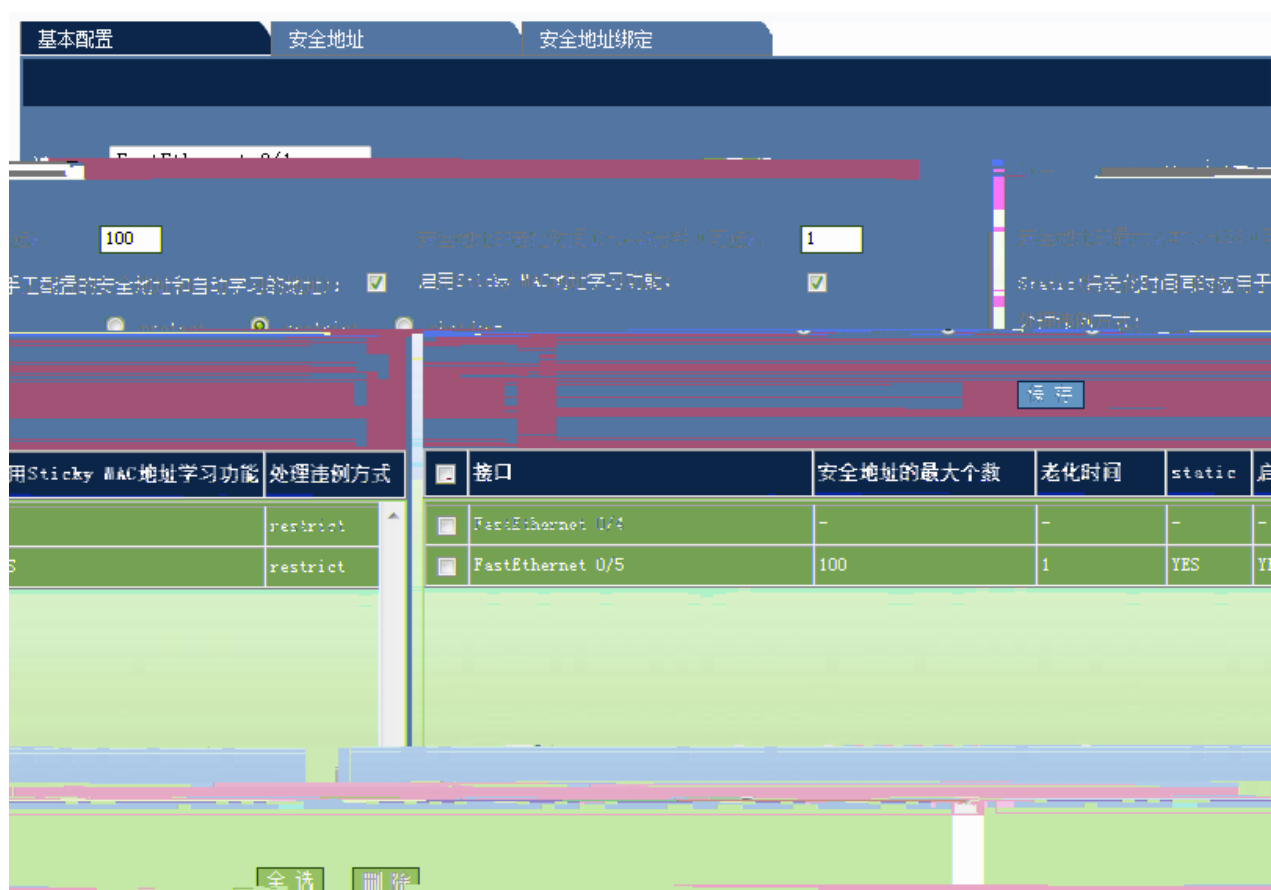
III

III

I L III
I L III

2.4.4

I L III



73

1)

Static

Sticky Mac

III

III

III

$$\vdash \quad \mathbb{L}$$

III

2)

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
3	FastEthernet 0/1	1000.0000.0000	10	1.2.3

全选

删除

75

IP

MAC

Vlan

Mac

VLAN ID

III

III

2.5

2.5.1

I

L

III

系统信息	
设备型号：	S2924G
主机名：	Ruijie
软件版本：	RGOS 10.2.00(3), Release(30355) (Tue Mar 11 19:23:04 2008 - 23195A44470348C)
硬件版本：	1.0
MAC地址：	000000000000

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2.5.2

I L III

当前配置

Building configuration...
Current configuration : 12931 bytes

!
version RGOS 10.2.00(3), Release(30355) (Tue Mar 11 19:23:04 2008 - 23195A44470348C)
!
!
!
vlan 1
 name vlan1
!
vlan 2
!
vlan 3
!
vlan 4
!
vlan 5
!
vlan 6
!
vlan 7
!
!

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2.5.3

I L III

端口状态					
端 口	状 态	Vl an	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

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2.5.4

I L III

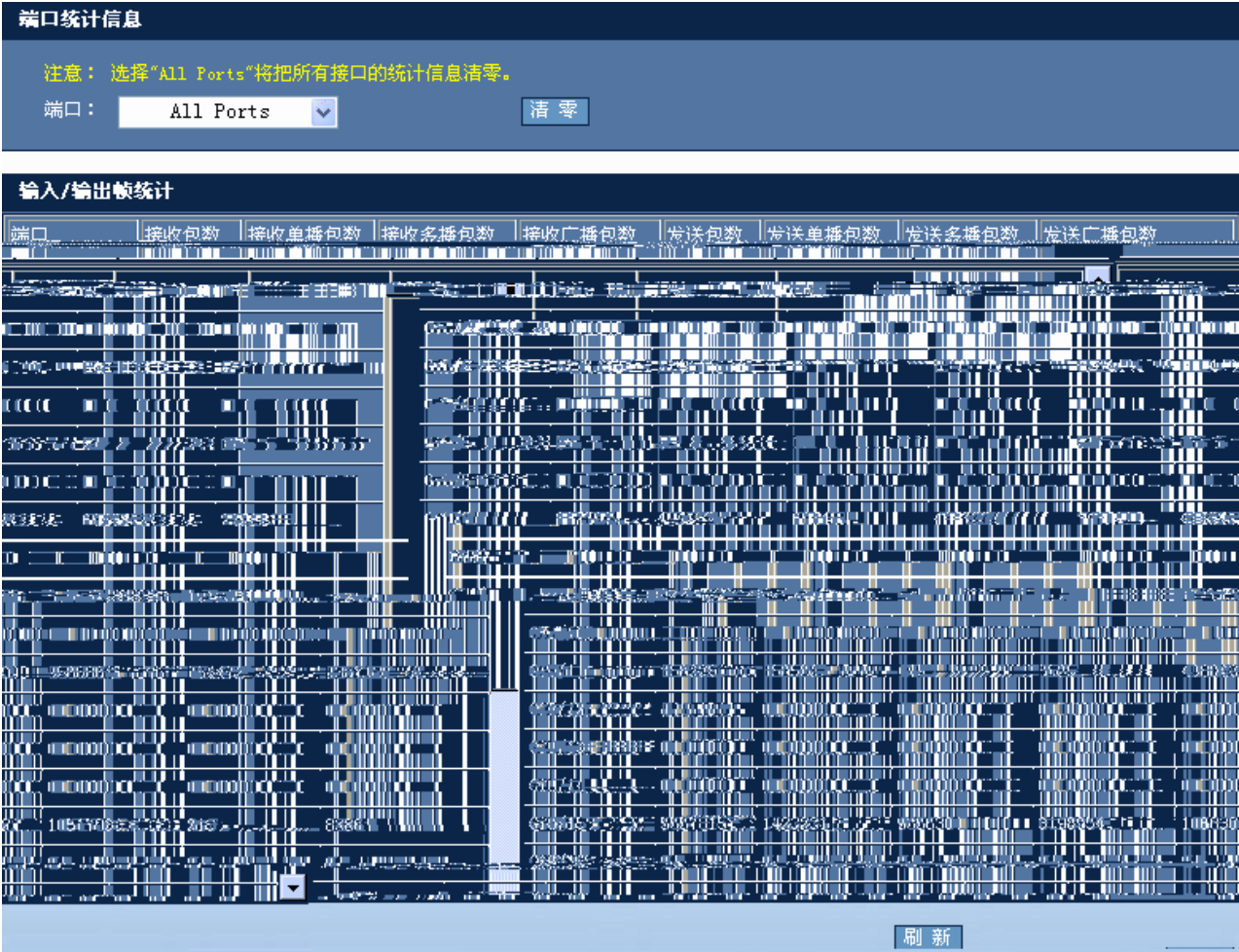
端口运行状态	
端 口	带宽占用
FastEthernet 0/1	0%
FastEthernet 0/2	0%
FastEthernet 0/3	0%
FastEthernet 0/4	0%
FastEthernet 0/5	0%
FastEthernet 0/6	0%
FastEthernet 0/7	0%
FastEthernet 0/8	0%
FastEthernet 0/9	0%
FastEthernet 0/10	0%

刷新

79

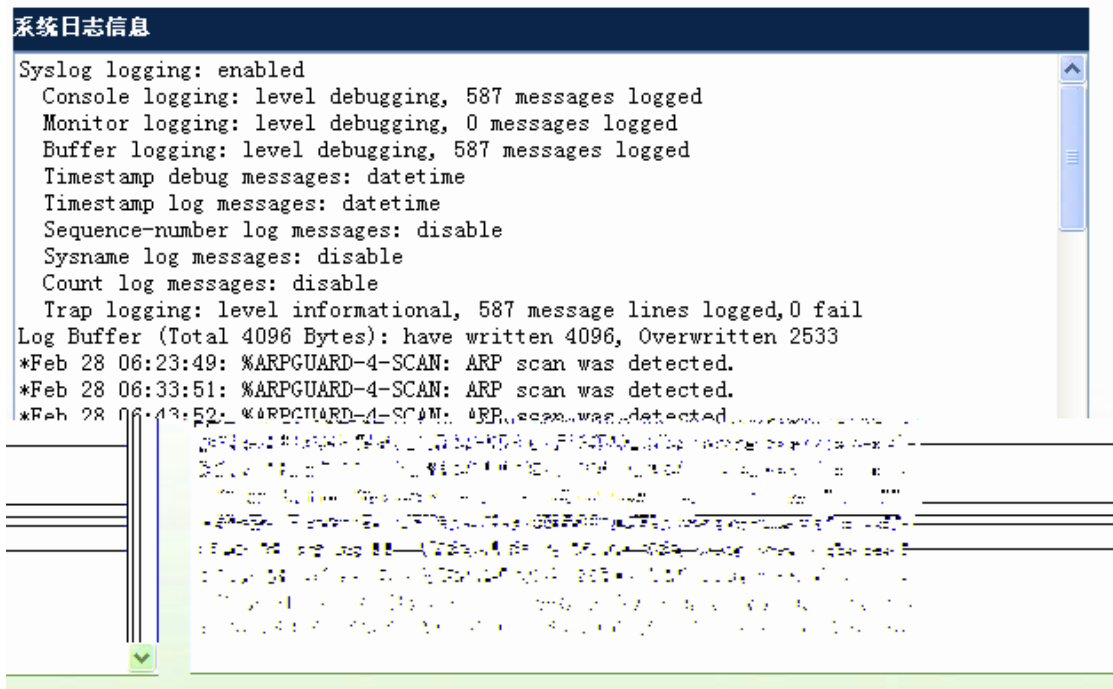
2.5.5

I L III



2.5.6

I L III



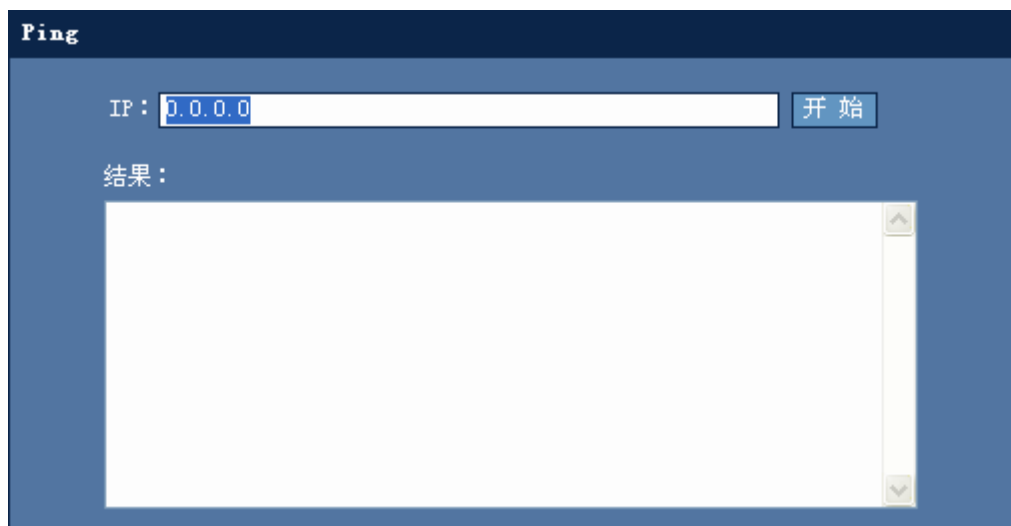
81

2.6

2.6.1 Ping

I: Ping L III

Ping



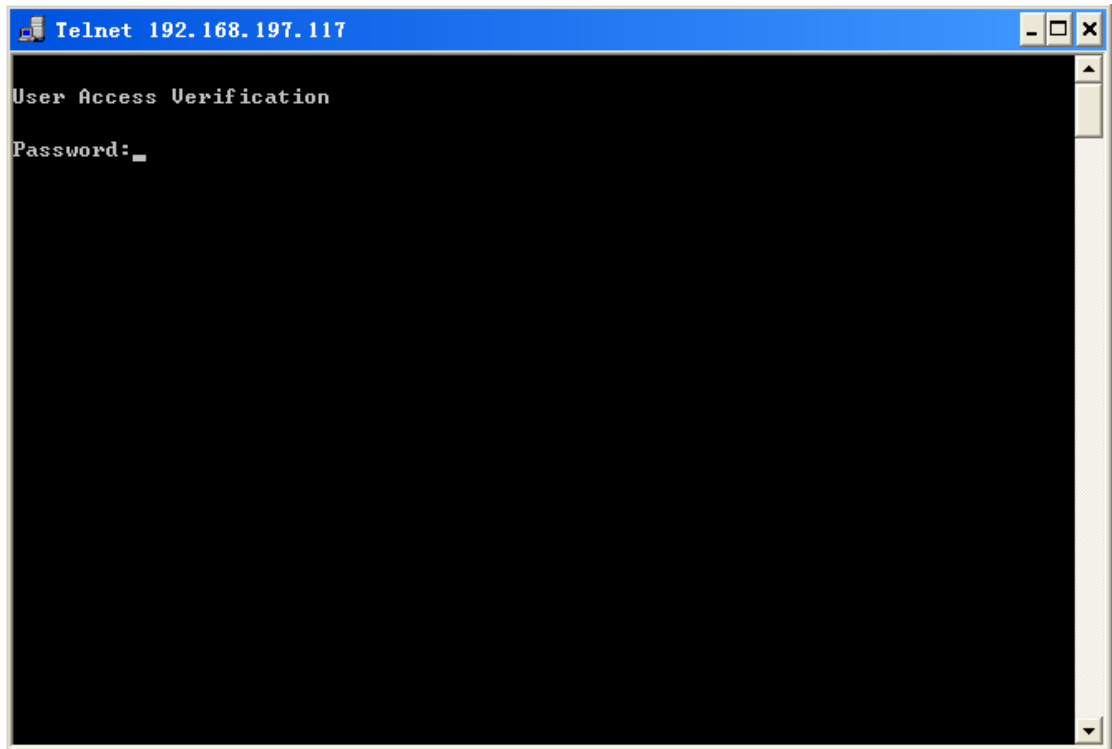
82 Ping

III IP I L IP Ping

2.6.2 Telnet

I Telnet L III

Telnet



83 Telnet

PC Telnet I Telnet L Telnet III PC Telnet

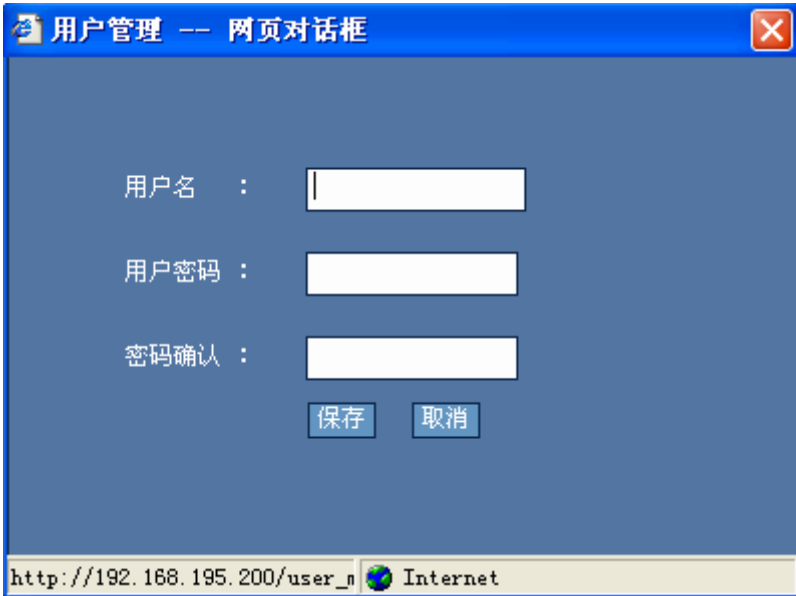
2.6.3

I L III



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I L

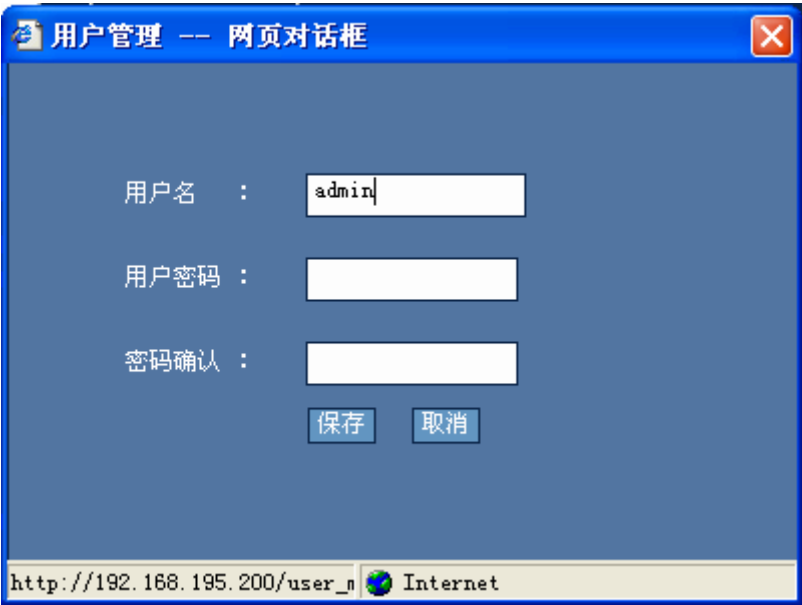


85

I L III

III

I L III
I L



86

	I	L	III
III			
	V		
	III		

2.6.4

I L III

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

87

1) Enable

Enable

I

L

III



88

III

2) Telnet

Telnet

I

L

III

2.6.5 /

I / L III
/

导入/导出配置

注意：请确认TFTP服务器已启用！

TFTP服务器 IP : 0.0.0.0

TFTP服务器 文件名 : config.text

导入 导出

文件传输信息：

89 /

Q config.text TFTP IP TFTP
I L III

2.6.6 WEB

I WEB L III

WEB

WEB端口设置

注意：修改WEB端口后，请用新端口重新登录。如果要使用80端口，请直接单击“使用默认端口”。

指定WEB端口： (1025-65535)

保存 使用默认端口

90 WEB

III	8080	IP	192.168.1.1	http://192.168.1.1 :8080
III				: 8 0 8 0

2.8 WEB

2.8.1

2.8.2

2.8.3

WEB	WEB	enable	III
-----	-----	--------	-----

2.8.4

WEB	Local	Enable	
	WEB	III	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
```