



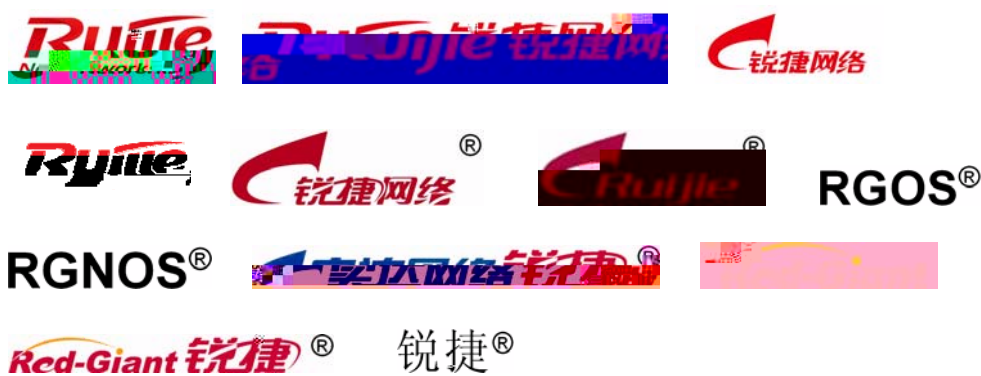
WEB

RG-S8600

RGOS 10.4(3b17)p

V1.0

© 2014



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

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<http://webchat.ruijie.com.cn>

8:30 6 “ ”

3.

Ä

Ä

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1 WEB

WEB IE III
WEB WEB WEB IIWEB
WEB WEB IEIII

1.1

1.1.1

WEB WEB WEB III PC
IPAD
IE6.0 IE7.0 IE8.0 IE maxthon III
WEB
1024*768 1280*1024 1440*960
III

1.1.2

WEB III III
WEB III Local Enable
WEB III
IP III web III

1.2

III

1.2.1 Local

config

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

WEB


```
Ruijie#configure
```

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

```
WEB
```

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

```
WEB          Enable
```

```
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 192.168.195.200 255.255.255.0
```

```
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 192.168.195.200 255.255.255.0 //      IP
```

```
no shutdown
```

```
!
```

```
!
```

```
line con 0
```

```
line vty 0 4
```

```
login
```

```
!
```

```
!
```

```
end
```

```
WEB
```

```
Enable
```

```
Enable
```

1.3 WEB

IP http://192.168.195.200

1-1



1 2 3 4

1-2



WEB

1-3 WEB

2

2.1

IP

O



IP

I L

III

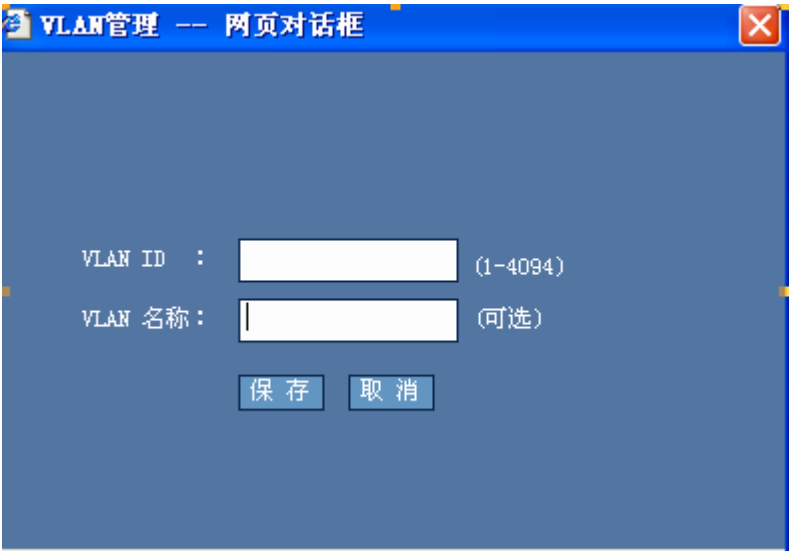
2.2 VLAM



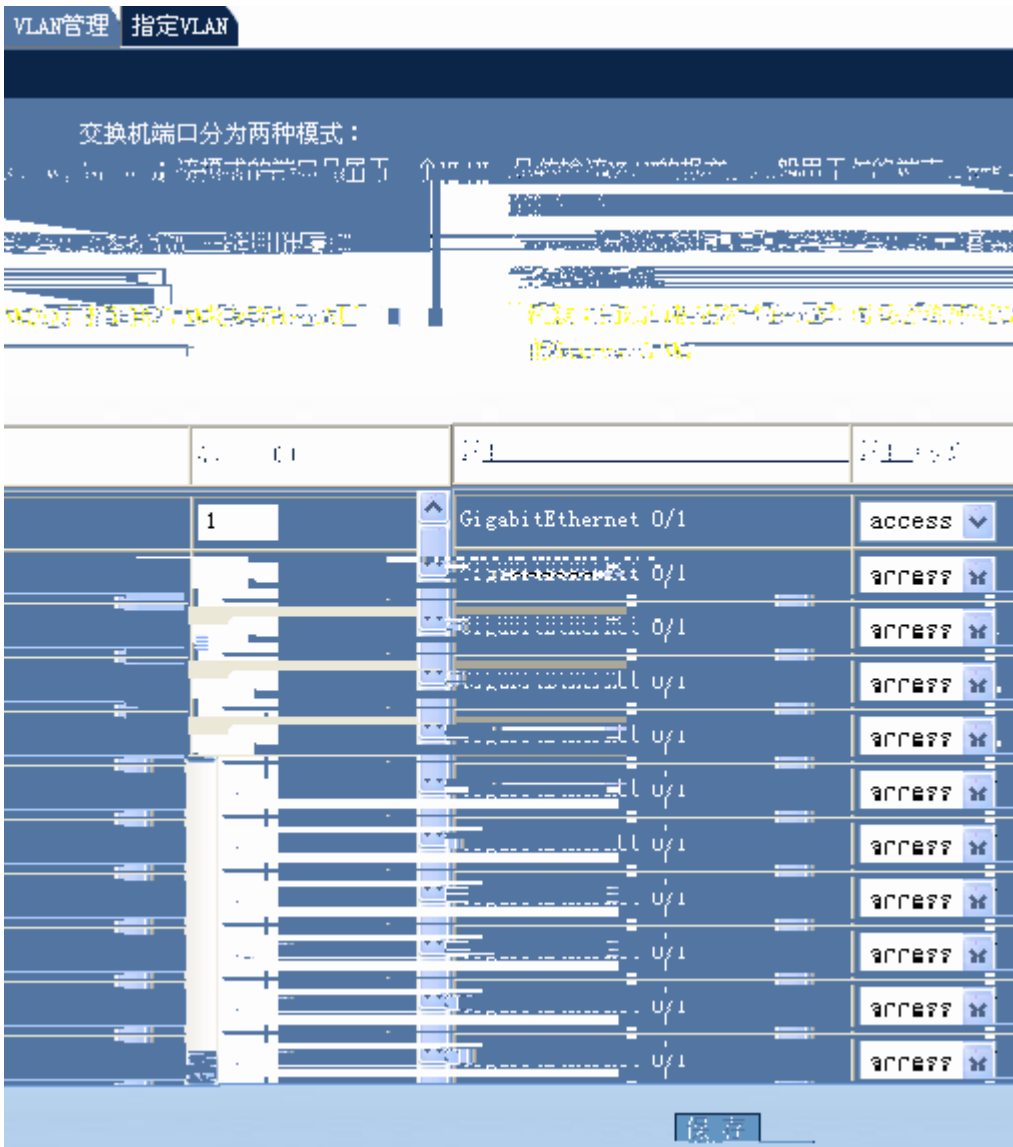
VLAN III 4 4 VLAN VLAN III

1 1

2-4 VLAN



VLAN ID VLAN 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

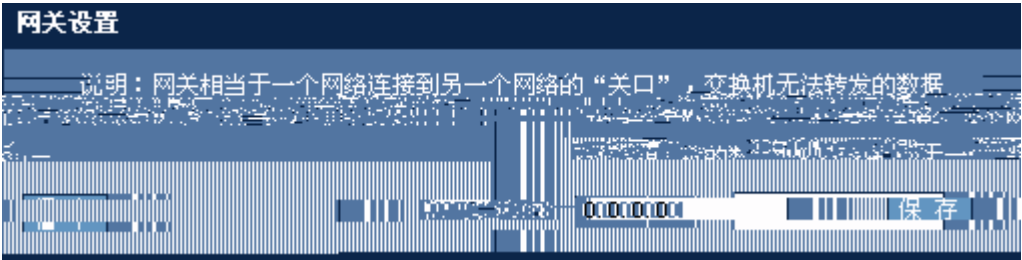


VLAN ID 1 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000

2.3

1 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000

2-7



IP

IP 子网掩码 下一跳

2.4

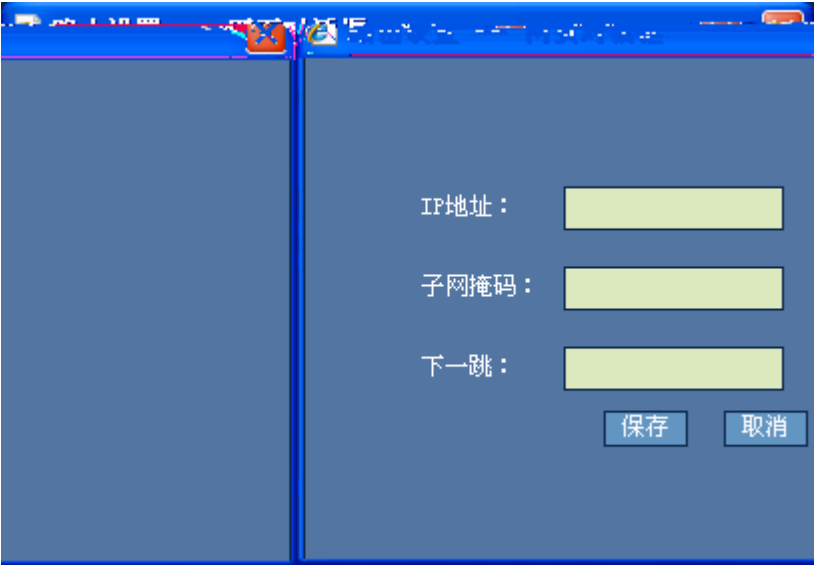
子网掩码 下一跳

2-8

路由设置				
☐	序号	IP地址	子网掩码	下一跳
☐	1	2.2.2.0	255.255.255.0	1.1.1.1
☐	2	192.168.23.240	255.255.255.240	192.168.23.1
添加路由 全选 删除				

子网掩码

2-9



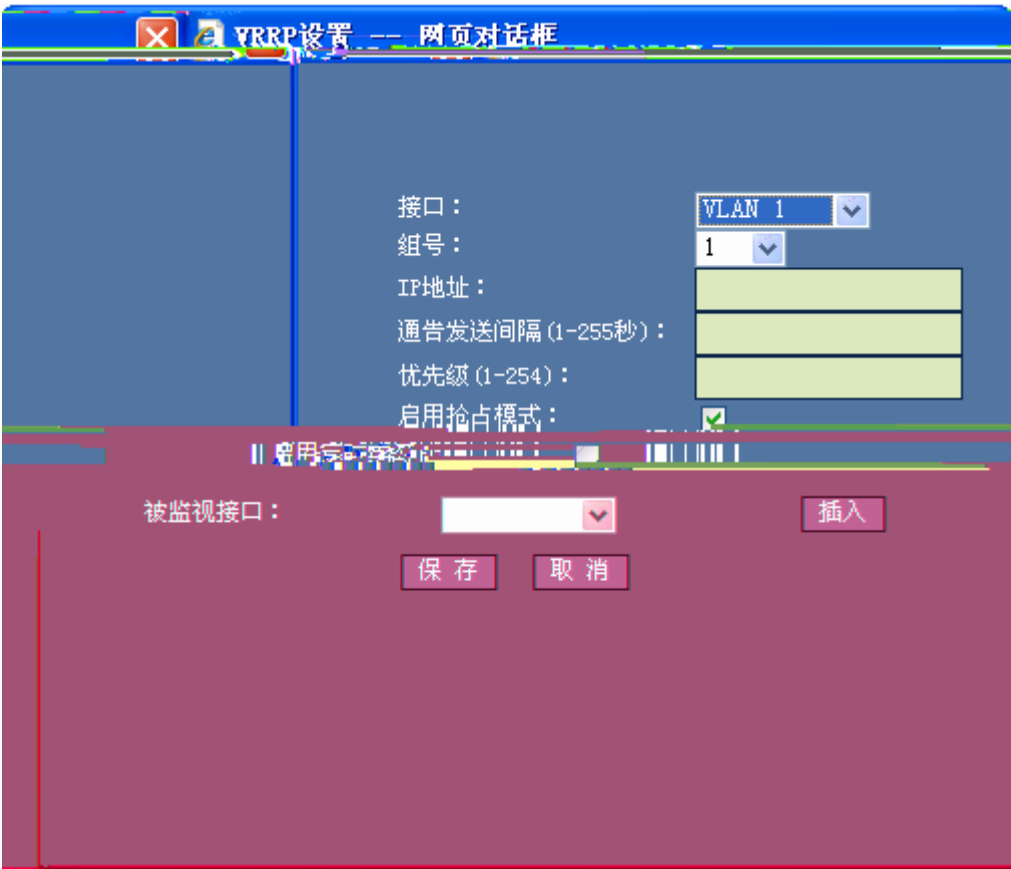
IP 子网掩码 下一跳

2.5 VRRP

VRRP 组名

VRRP VRRP I L

2-11 VRRP



IP I L III

VRRP VRRP III

VRRP I L III VRRP III

2.6

I L III

2-12



III

III

III

2.7

I

L

III

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 (0.1-1000000, 单位: 1000000)	瞬时速率限制 (0.1-1000000, 单位: 1000000)	
GigabitEthernet 0/1			GigabitEthernet 0/1
GigabitEthernet 0/2			GigabitEthernet 0/2
GigabitEthernet 0/3			GigabitEthernet 0/3
GigabitEthernet 0/4			GigabitEthernet 0/4
GigabitEthernet 0/5			GigabitEthernet 0/5
GigabitEthernet 0/6			GigabitEthernet 0/6
GigabitEthernet 0/7			GigabitEthernet 0/7
GigabitEthernet 0/8			GigabitEthernet 0/8
GigabitEthernet 0/9			GigabitEthernet 0/9
GigabitEthernet 0/10			GigabitEthernet 0/10
GigabitEthernet 0/11			GigabitEthernet 0/11

保存

取消全部输入限速

1)

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		
GigabitEthernet 0/12		

保 存

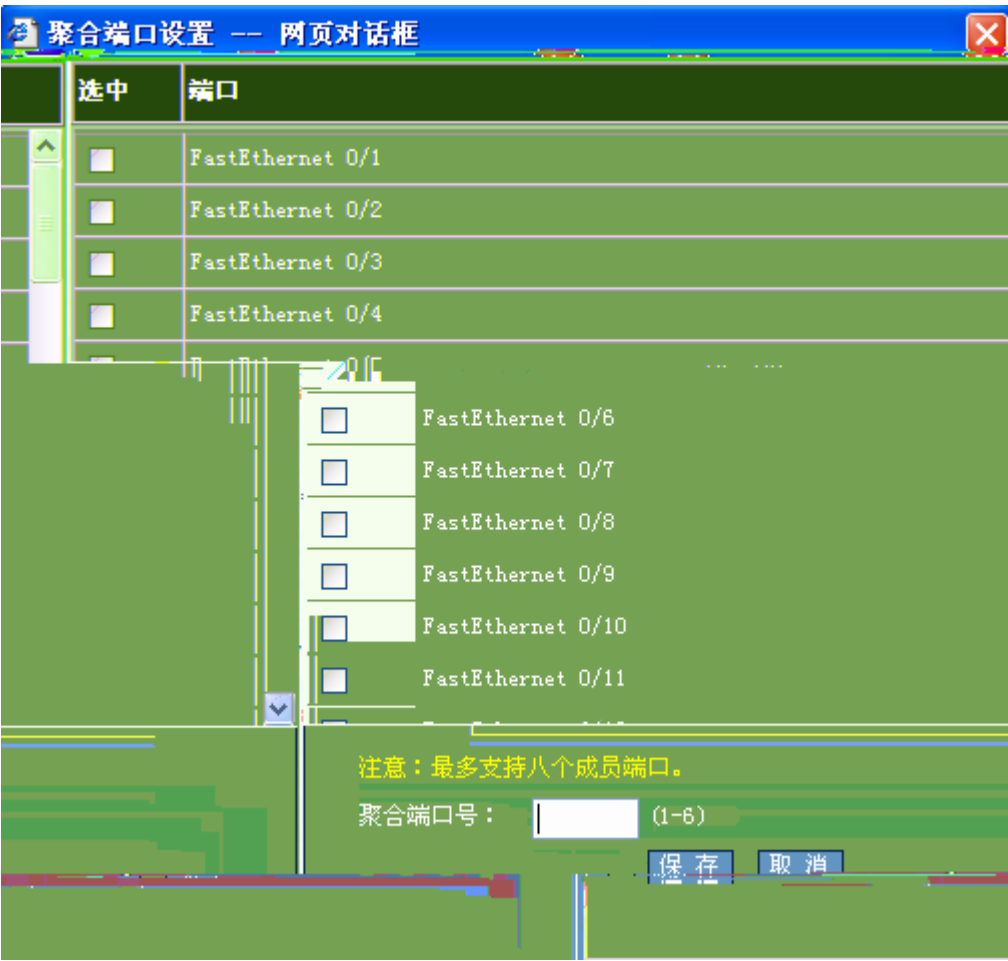
取消全部输出限速



I L III

I L

2-16



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III

┆ ㄥ

III

2.9

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III



III

I L III

2.10 DHCP

I DHCP L III

DHCP

2-18 DHCP

DHCP 中继设置

说明：DHCP中继可以实现不同子网之间的IP分配，相当于一个中转站，它将收到的客户端请求报文转发给指定的DHCP服务器，并将收到的服务器响应报文转发给DHCP客户端。

开启DHCP中继

关闭DHCP中继

保存

DHCP服务器设置

DHCP服务器：

0.0.0.0

保存

DHCP服务器

全选

删除

/ DHCP							
/ DHCP	I	L	III				
DHCP							
DHCP	I	L	III	III	DHCP		
	I	L	III				

2.11 DHCP Snooping

I DHCP Snooping L III

DHCP Snooping

2-19 DHCP Snooping

DHCP Snooping 设置

说明：DHCP Snooping就是DHCP窥探，通过对Client和服务端之间的DHCP交互报文进行窥探，实现对用户的监控，同时DHCP Snooping起到一个DHCP 报文过滤的功能，通过合理的配置实现对非法服务器的过滤。

- | | |
|---|--|
| ☐ 开启DHCP Snooping功能 | ☒ 关闭DHCP Snooping功能 |
| ☐ 开启DHCP源MAC检查功能 | ☒ 关闭DHCP源MAC检查功能 |

保存

DHCP Snooping 信任端口设置

[illegible]

DHCP Snooping

DHCP Snooping

DHCP Snooping	MAC
1. Enable DHCP Snooping globally: <pre> Switch# config terminal Switch(config)# ip dhcp snooping </pre>	1. Enable MAC Address Flooding Protection globally: <pre> Switch# config terminal Switch(config)# mac address-flooding protection </pre>
2. Enable DHCP Snooping on the interface: <pre> Switch(config)# interface gigabitEthernet 0/24 Switch(config-if)# ip dhcp snooping </pre>	2. Enable MAC Address Flooding Protection on the interface: <pre> Switch(config-if)# mac address-flooding protection </pre>
3. Configure the trusted DHCP server: <pre> Switch(config-if)# ip dhcp snooping trust </pre>	3. Configure the trusted MAC address: <pre> Switch(config-if)# mac address-flooding protection trusted </pre>

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

III

DHCP Snooping

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

III

 $\vdash \quad \mathbb{L}$

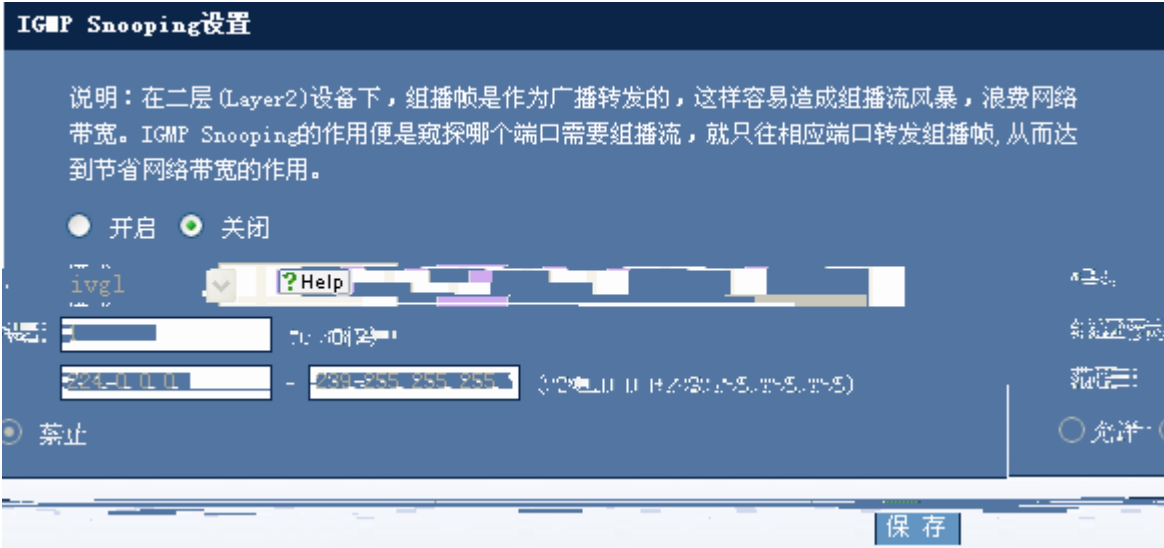
III

2.12 IGMP Snooping

I IGMP Snooping L III

IGMP Snooping

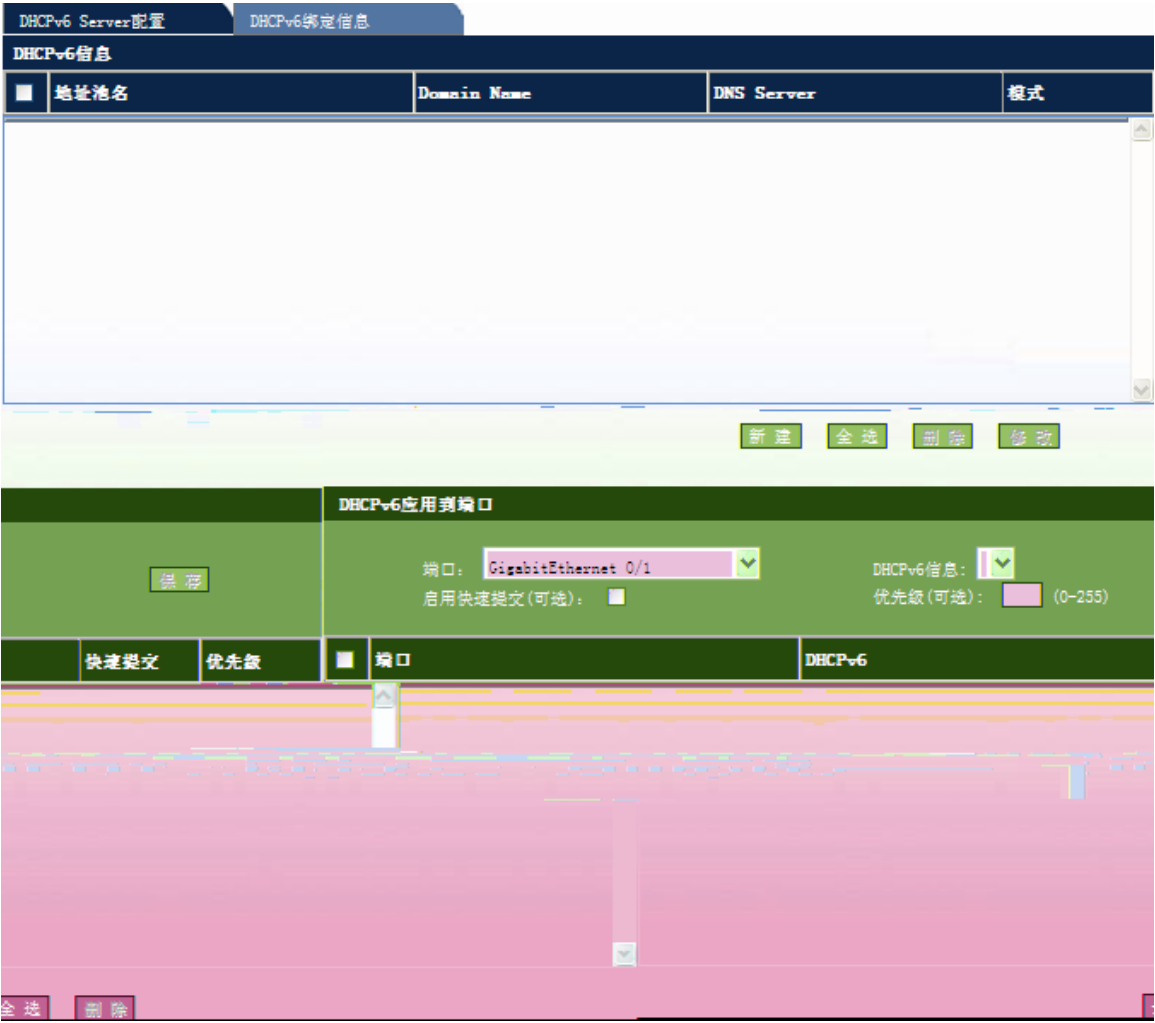
2-20 IGMP Snooping



IGMP Snooping I L ivgl Ⅲ

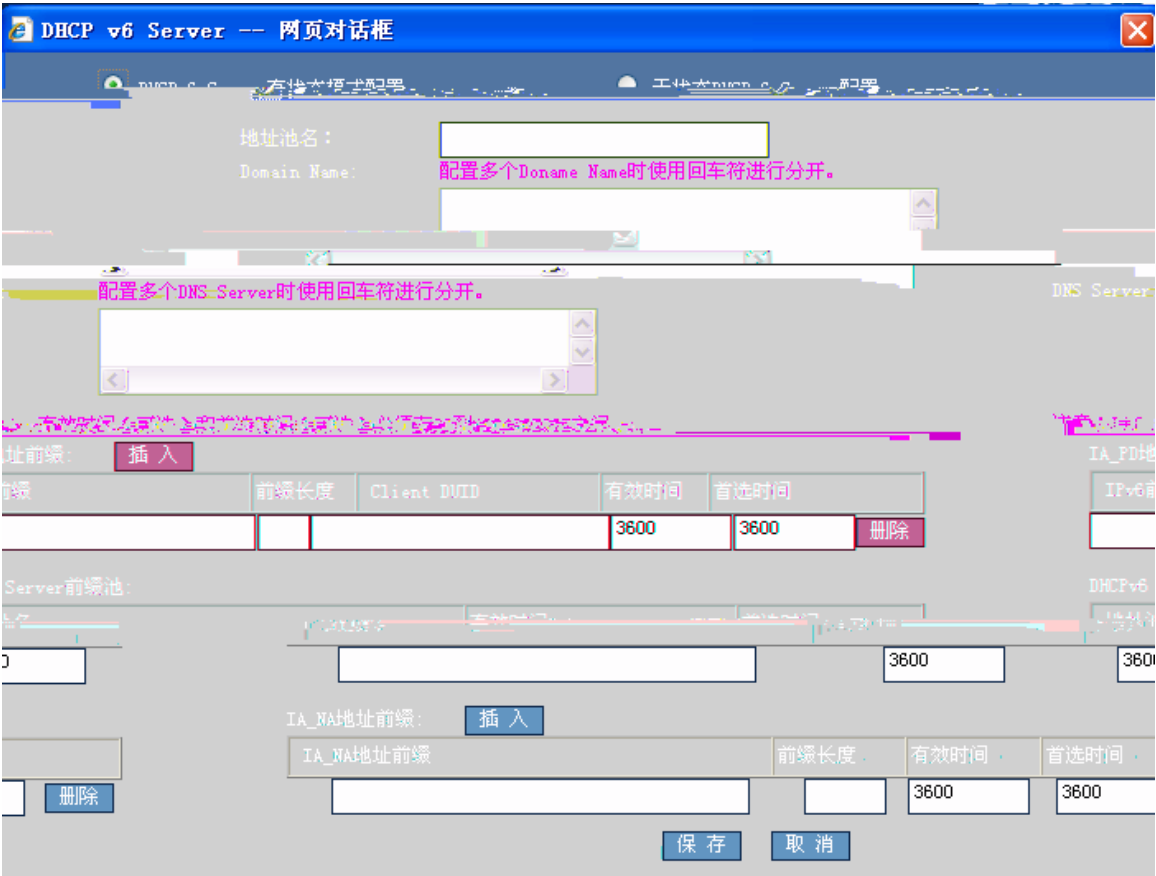
svgl Ⅲ ivgl-svgl svgl Ⅲ ivgl-svgl Ⅲ IP Ⅲ I L

IGMP Snooping



1) DHCPv6 Server

DHCPv6 Server	DHCPv6 Server	4	DHCPv6
III			
DHCPv6			
DHCPv6	I	L	
2-22	DHCPv6		



DHCPv6

DHCPv6

III

ч

DNS

A_NA ч IA_TA ч IA_PD

Г Л

IA

Г Л

IA

III

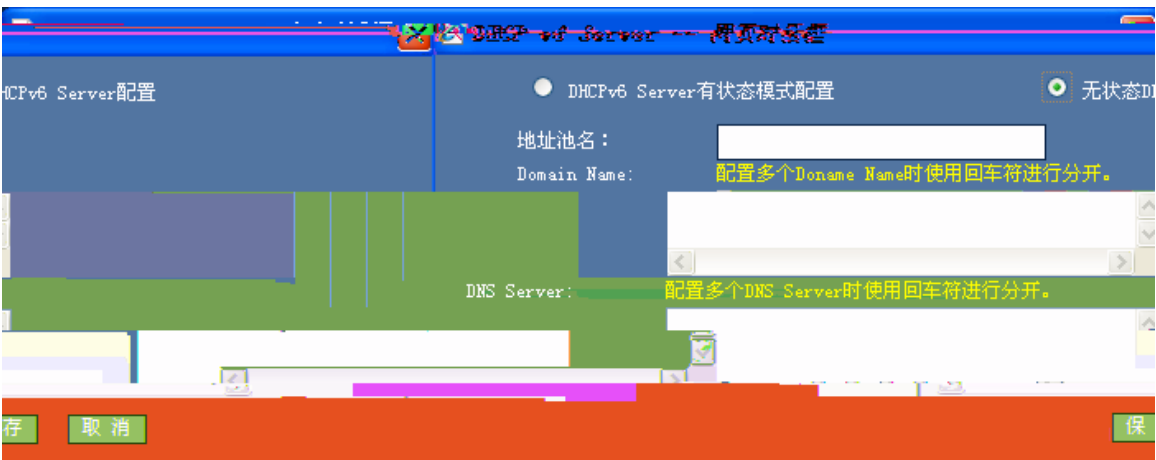
Г Л

III

DHCPv6 Server

2-23

DHCPv6 Server

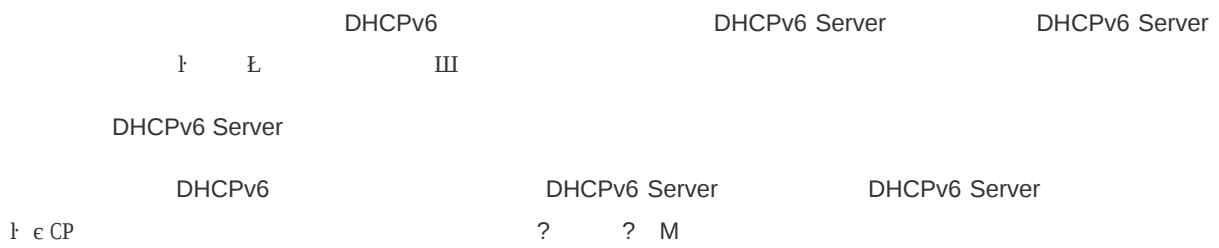


ч DNS

Г Л

III

DHCPv6 Server



2.14 DHCPv6

I DHCPv6

L

III

DHCPv6

2-26 DHCPv6



2) DHCPv6

I

L

III

I

L

3) DHCPv6

2-27 DHCP v6



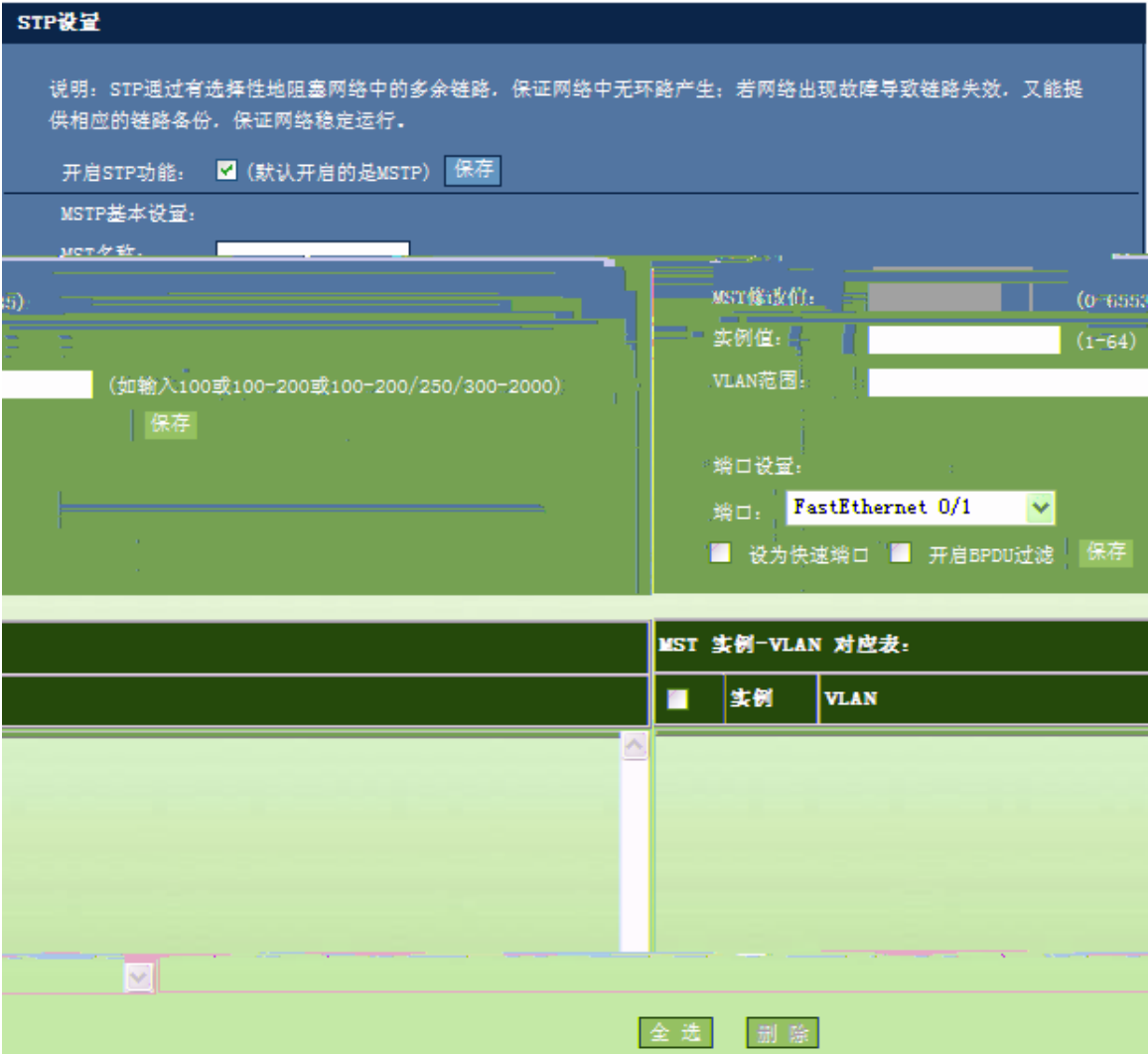
DHCPv6 III 1 Ł 1 Ł III

2.15 STP

1 STP Ł III

STP

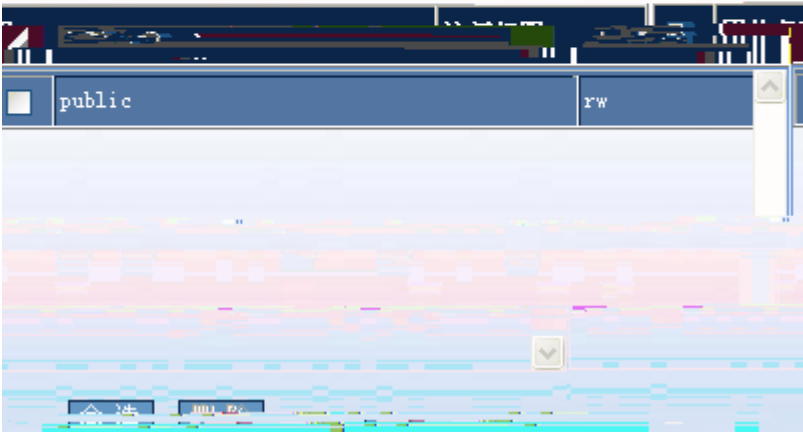
2-28 STP



STP	BPDU	MSTP	MSTP
III	III	III	III
MSTP	MSTP	VLAN	-VLAN
-VLAN	III	III	III

2.16 SNMP

SNMP	III
SNMP	
2-29 SNMP	



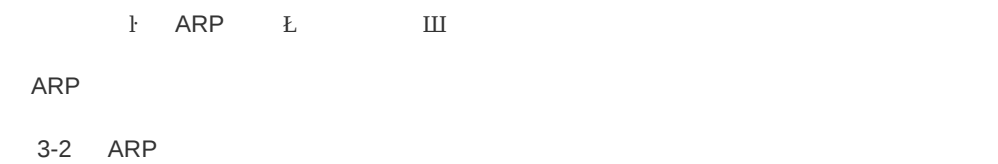
SNMP 1 SNMP 2 4
 1 2 III SNMP
 1 2 III
 1 2 III

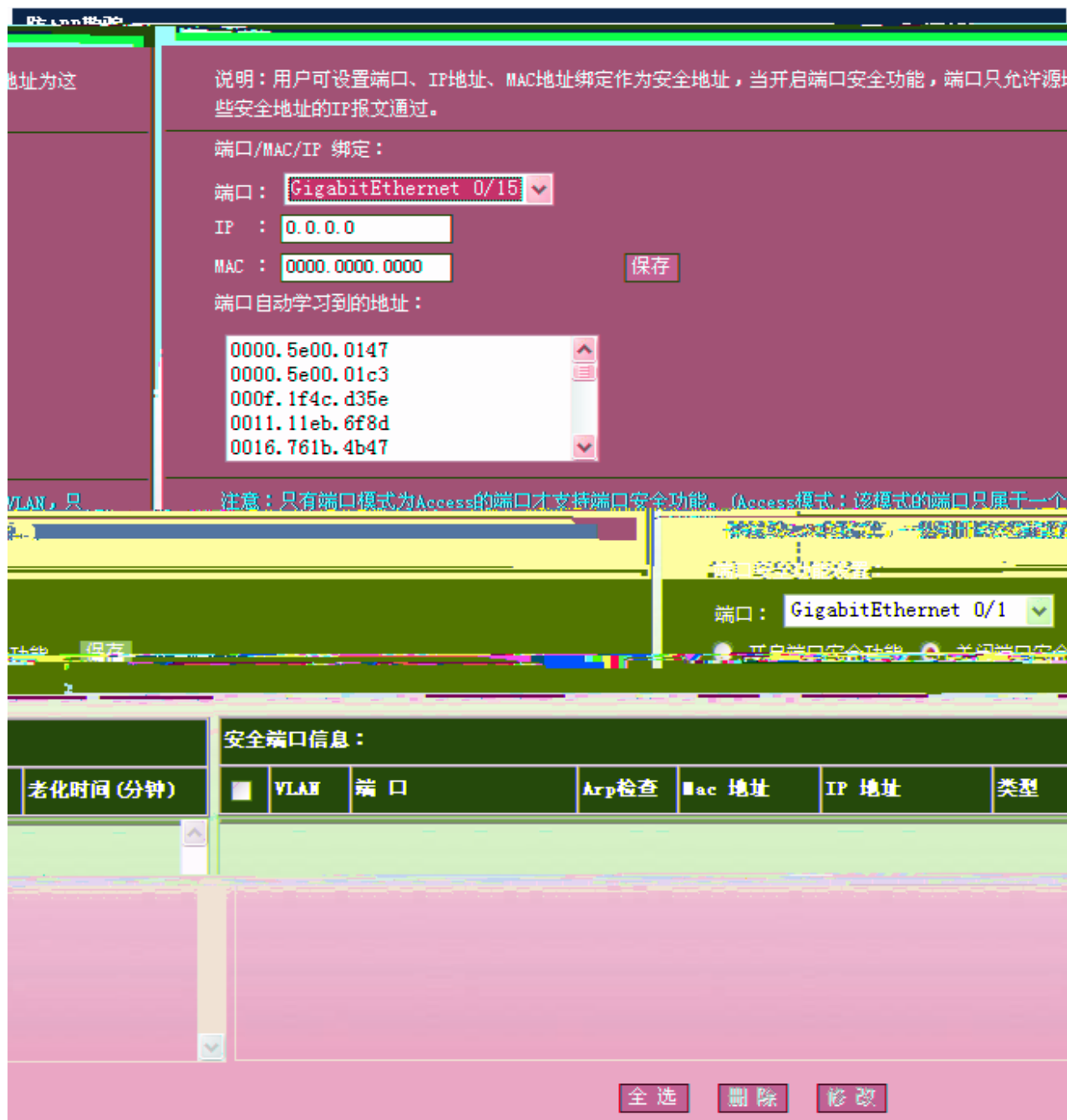
3

3.1 ARP



3.2 ARP





/MAC/IP

/MAC/IP

MAC

IP

MAC

↑

↓

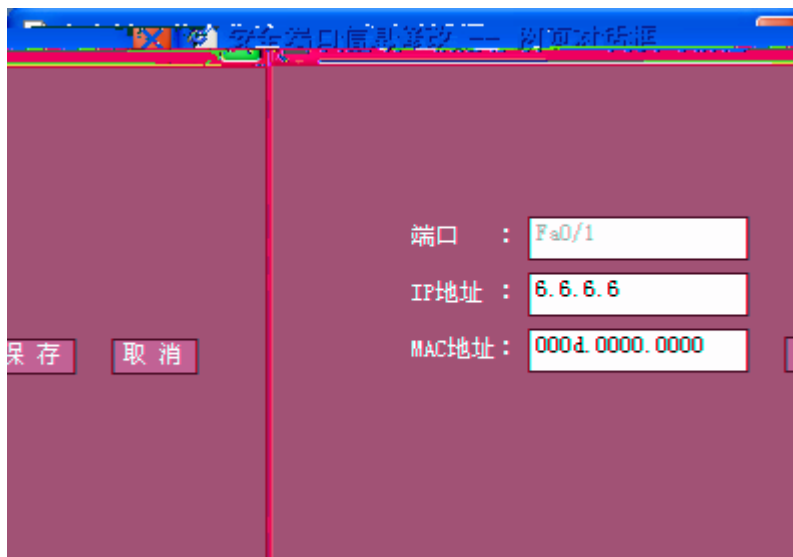
GigabitEthernet 0/15

MAC III

III

III

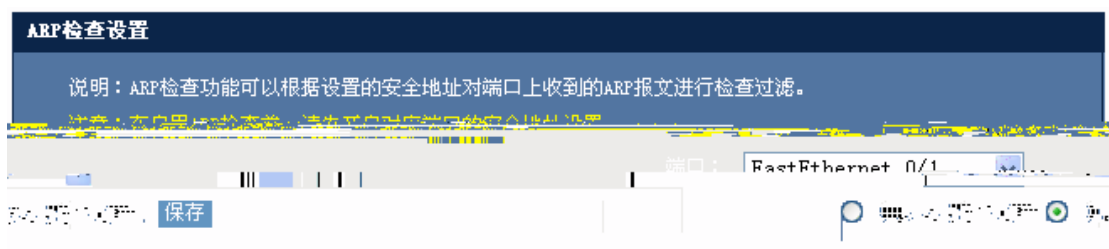
3-3



3.3 APR

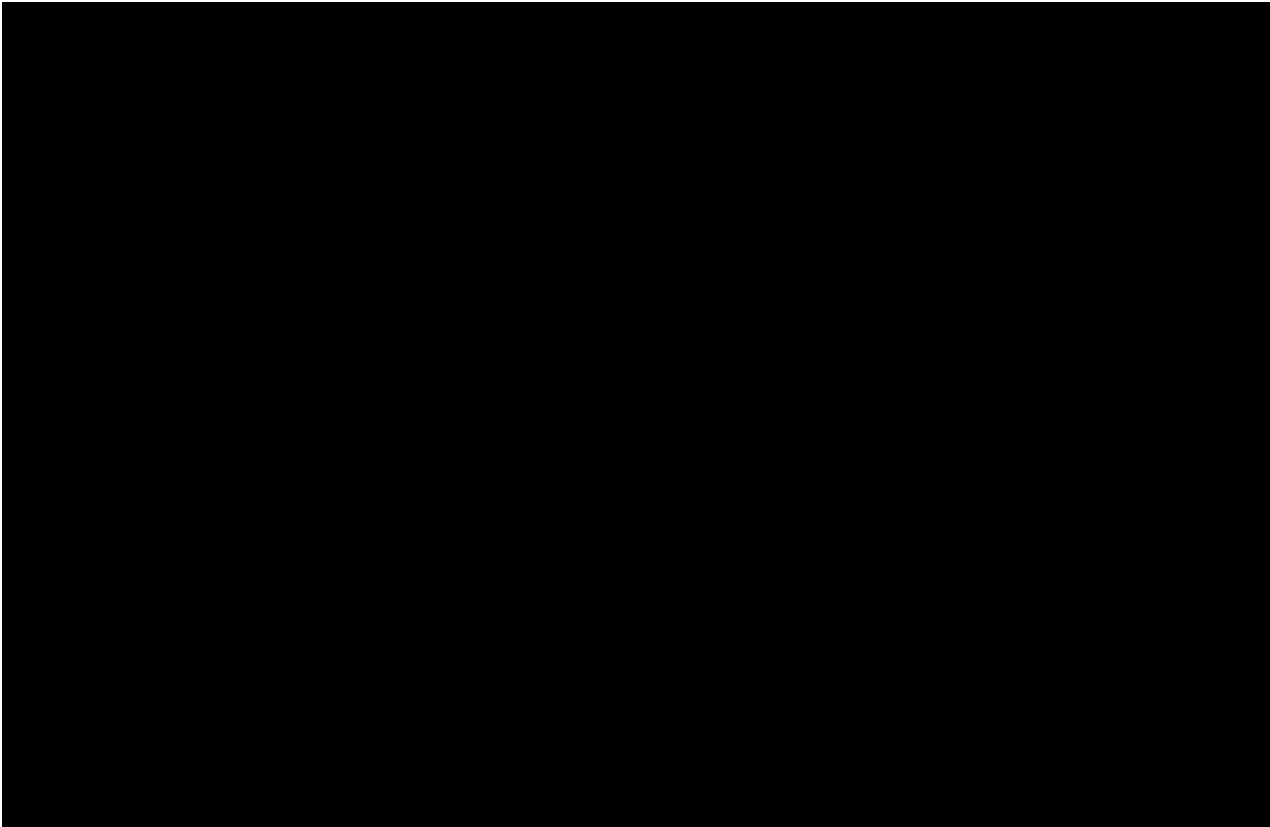
ARP

3-4 ARP



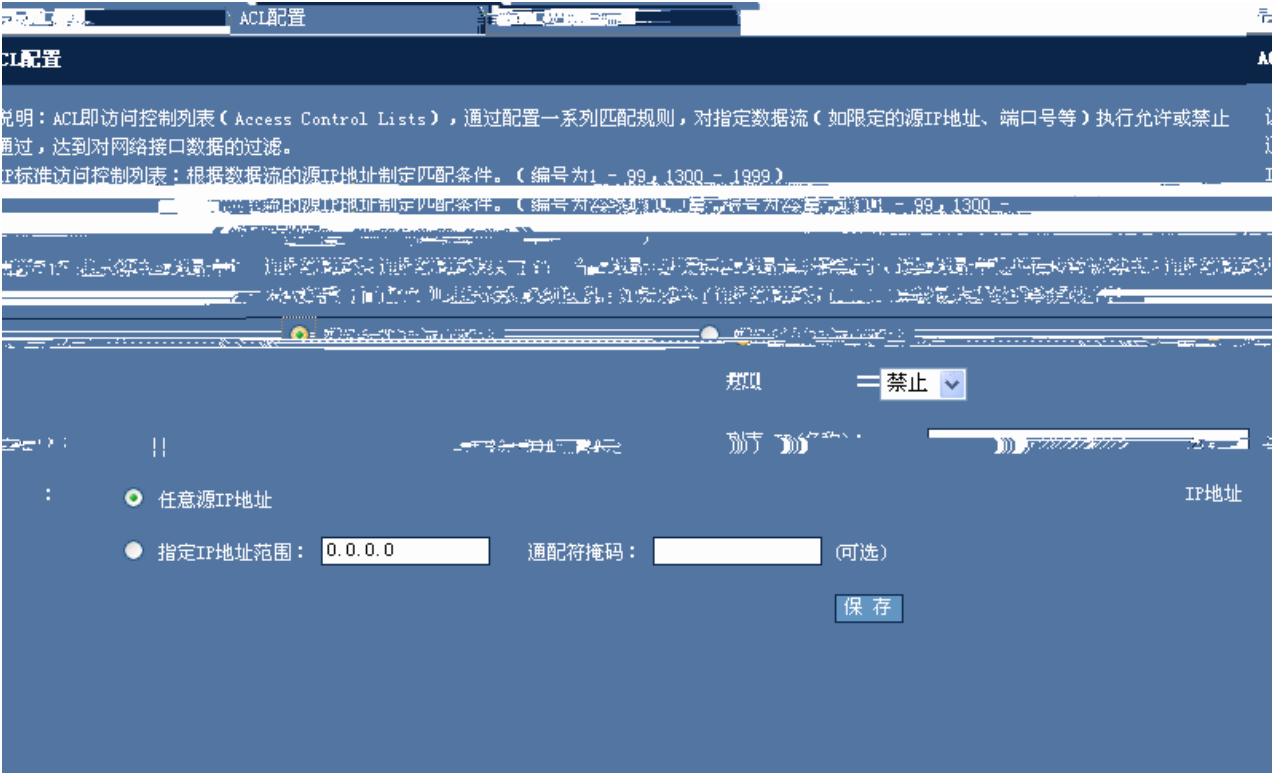
III

3.4 ACL



ACL

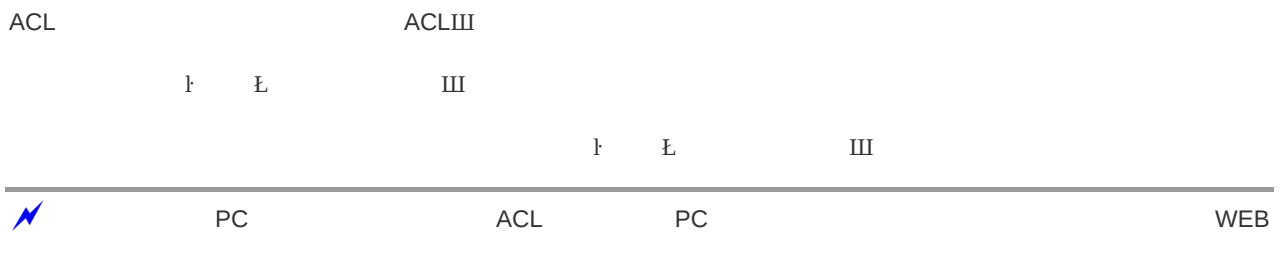
ACL				ACL			ACL		ACL
	ACL		ACEIII		ACE		I	L	III
ACL		I	L	ACE		I		III	
	ACL								
		IP		I	IP	L		IP	
3-6		IP							



		I	E	I	E	III
ID						III
IP	IP	,		IP		I
E	III					
	IP	I		IP	E	IP
3-7	IP					



	└	└	└	└	III
ID					III
	TCP 且 UDP 且 IP 且 ICMP				
IP		IP	IP		III
	III				
IP		IP	IP		
	III				
	└	└		III	
ACL					
3-8	ACL				



4 QOS

4.1

I L III

4-1

[illegible]

III

III

III

III

III

I L III

4-3

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

5

5.1

I L III

5-1 M

5-1

当前配置

..

12931 bytes

) , Release(30355) (Tue Mar 11 19:23:04 2008 -

Building configuration.

Current configuration :

!

version RGNOS 10.2.00(3

23195A44470348C)

!

!

!

vlan 1

name vlan1

!

vlan 2

!

vlan 3

!

vlan 4

!

vlan 5

!

vlan 6

!

vlan 7

!

5.3

I L III

5-3

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

5.4

I L III

5-4

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%

5.5

I L III

5-5

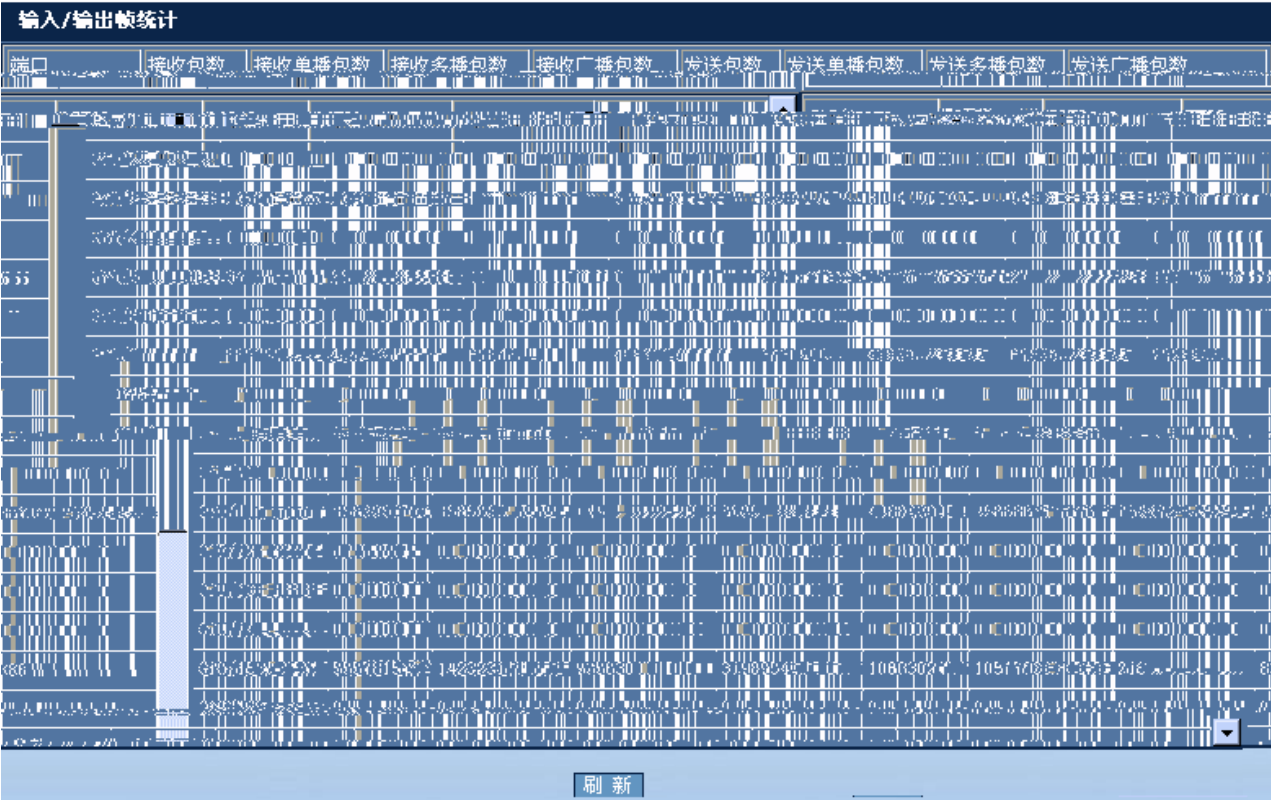
端口统计信息

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



5.6

I E III

系统日志信息

```
Syslog logging: enabled
  Console logging: level debugging, 587 messages logged
  Monitor logging: level debugging, 0 messages logged
  Buffer logging: level debugging, 587 messages logged
  Timestamp debug messages: datetime
  Timestamp log messages: datetime
  Sequence-number log messages: disable
  Sysname log messages: disable
  Count log messages: disable
  Trap logging: level informational, 587 message lines logged, 0 fail
Log Buffer (Total 4096 Bytes): have written 4096, Overwritten 2533
*Feb 28 06:23:49: %ARPGUARD-4-SCAN: ARP scan was detected.
*Feb 28 06:33:51: %ARPGUARD-4-SCAN: ARP scan was detected.
*Feb 28 06:43:52: %ARPGUARD-4-SCAN: ARP scan was detected.
```

[illegible]

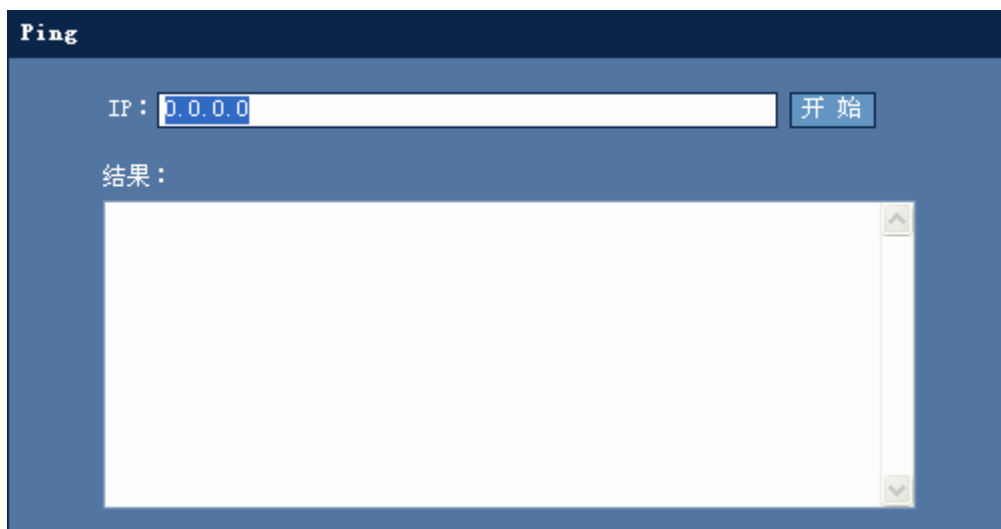
6

6.1 Ping

I Ping L III

Ping

6-1 Ping



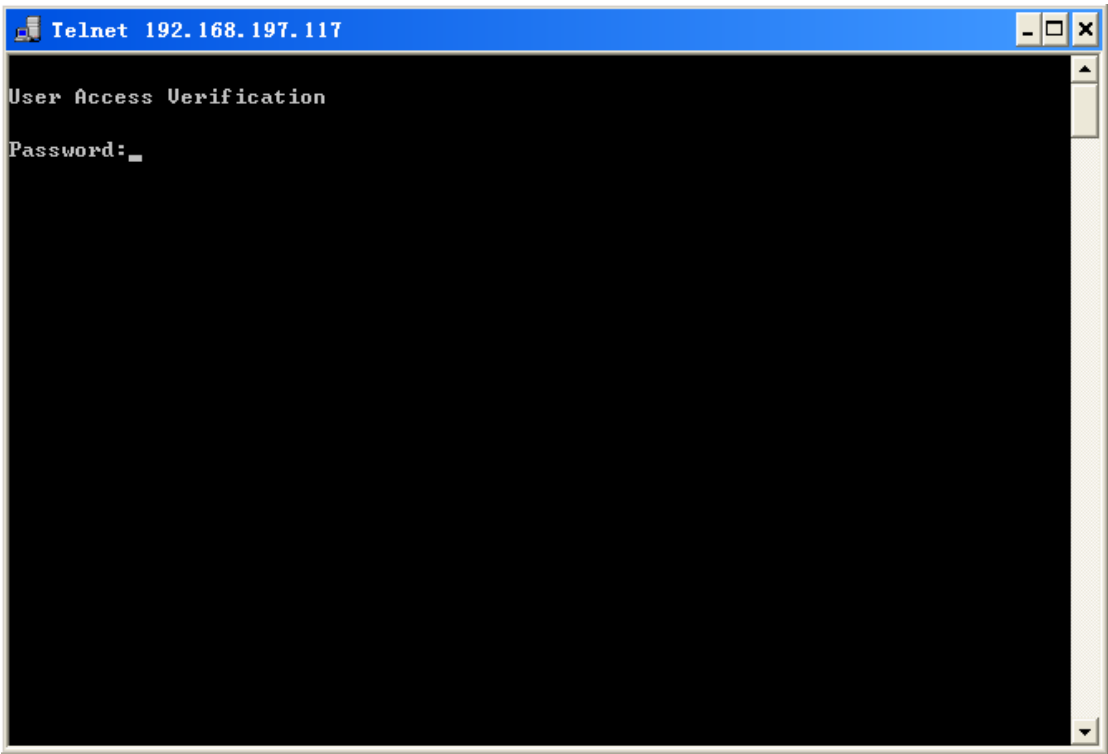
IP I L IP Ping III

6.2 Telnet

I Telnet L III

Telnet

6-2 Telnet



1 Telnet 2 Telnet 3 III 4 PC 5 Telnet 6 PC 7 Telnet 8 III

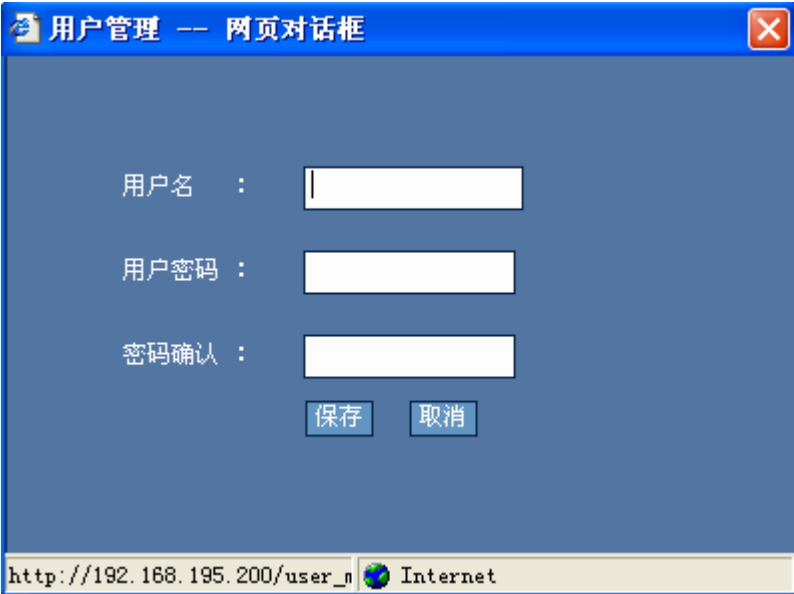
6.3

1 2 3 III

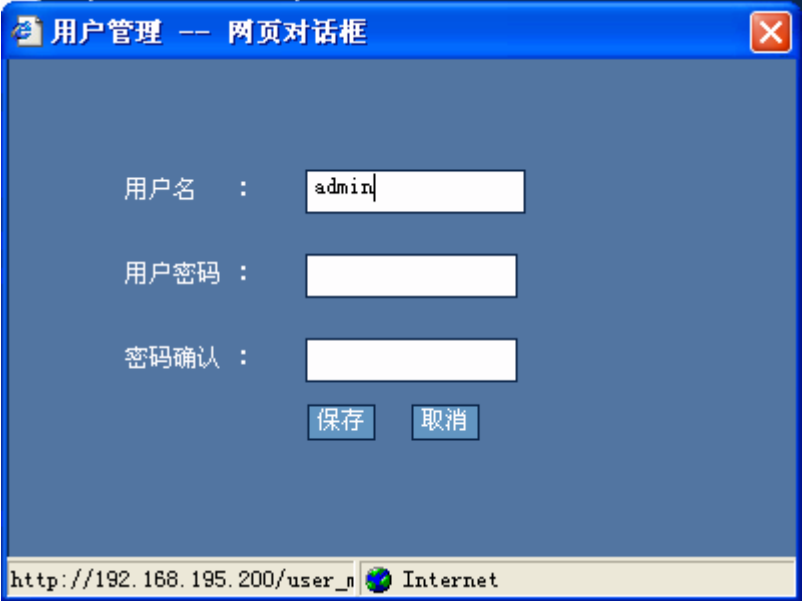
6-3



6-4



6-5





6.4

I L III

6-6

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 I L III

6-7

□	config.text	TFTP	IP	TFTP	↑	↓
III						

6.6 WEB

↑ WEB ↓ III

WEB

6-9 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“使用默认端口按钮”。

指定WEB端口： (1025-65535)

保 存

使用默认端口

	↑	↓	III	III	8080
IP	192.168.1.1	http://192.168.1.1:8080	III	↑	↓
	http://192.168.1.1	III			

6.7

↑ ↓ III

6-10

TFTP TFTP III TFTP
TFTP ő s – E ó