



WEB

RG-RSR10-01G-E,810

RGOS 10.4(3b48)

V2.0

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©2015



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RGOS 10.4 (3b48)

<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](mailto:service@ruijie.com.cn)



1)

---

[] []

{x|y|...}

# 1 WEB

## 1.1

---

RSR810 RSR10-01G-E

---

### 1.1.1

WEB IE Firefox Chrome

WEB WEB

WEB                      WEB                      WEB

IE      Firefox      Chrome      Safari      IE      (      Maxton)

WEB

PC      1280\*1024

1440\*900      WEB

**1.2.2**

255.255.255.0      WEB      admin      admin      GE0/0      IP      192.168.1.1

Windows XP

WEB

WEB	GE0/0	VLAN1	IP	192.168.1.1
WEB	admin	admin	guest	guest

RSR810      RSR10-01G-E                      RSR810      RSR10-01G-E                      VLAN 1

WEB

PC                      PC                      GE0/0

PC      IP                      PC

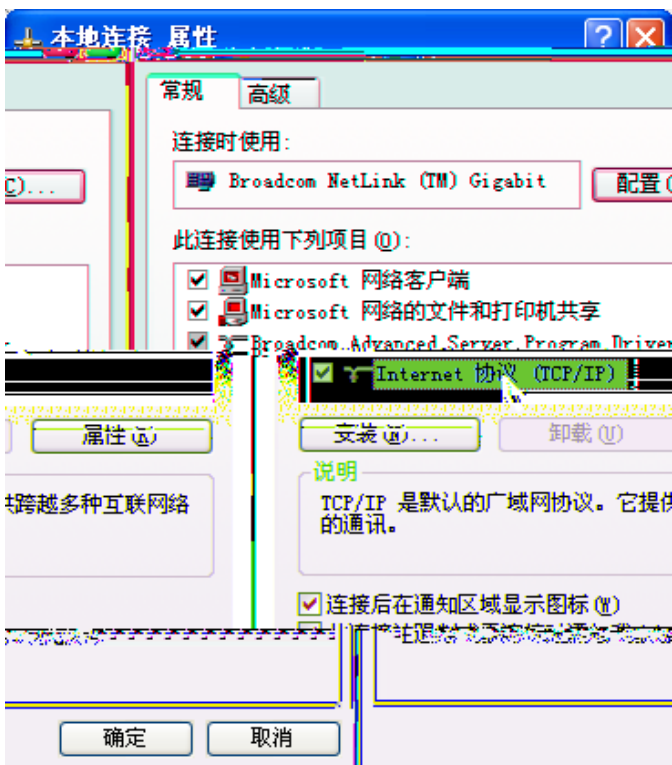
PC                      "      "      ->"                      "      ->"                      Internet                      "      ->"                      "

1-1

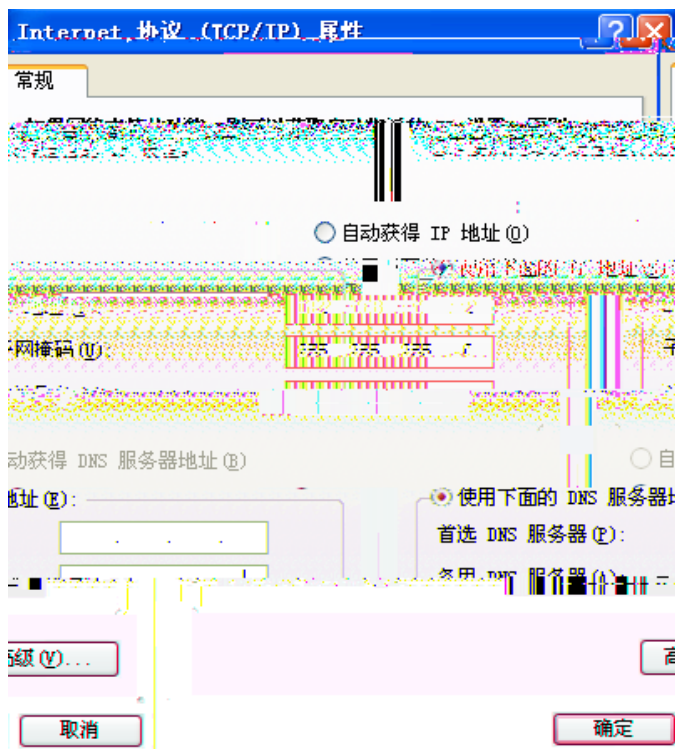


" " " " " Internet TCP/IP "

1-2



" " PC IP  
 " Internet TCP/IP " " IP " " IP " 192.168.1.xxx xxx  
 2 254 " " 255.255.255.0 " "



IP 192.168.1.1 PC IP 1, " "

PC

PC " " -> " -> " cmd" -> "

ping ping 192.168.1.1

1-4

```

Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:

```

1-5

```
Request timed out.  
Request timed out.  
Request timed out.  
Request timed out.  
  
Ping statistics for 192.168.1.1:  
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

---

PC

TCP/IP

---

### 1.2.3 WEB

WEB

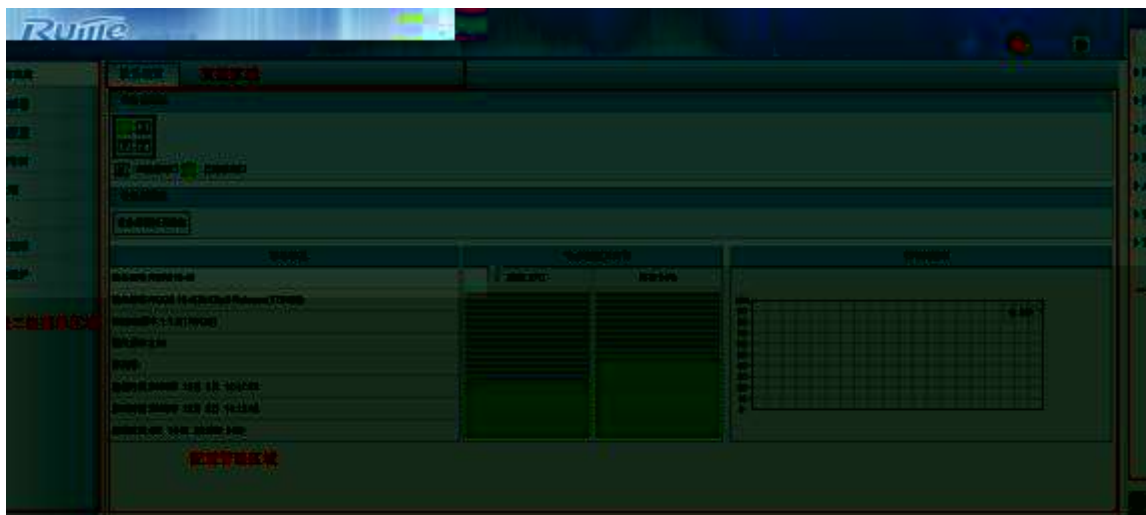


## 1.2.4 WEB

### 1.2.4.1

RSR WEB

1-8 WEB



A] —



1.3.2.2

							PPPOE(ADSL)	DHCP
	IP		IP					
PPPoE	ADSL		PPPoE(ADSL)					
DHCP		DHCP		DHCP				IP
PPPoE	ADSL		DHCP					

1-11



" IP " " IP " DHCP

" PPPoE(ADSL)" ADSL

SIC 3G 3G CE1

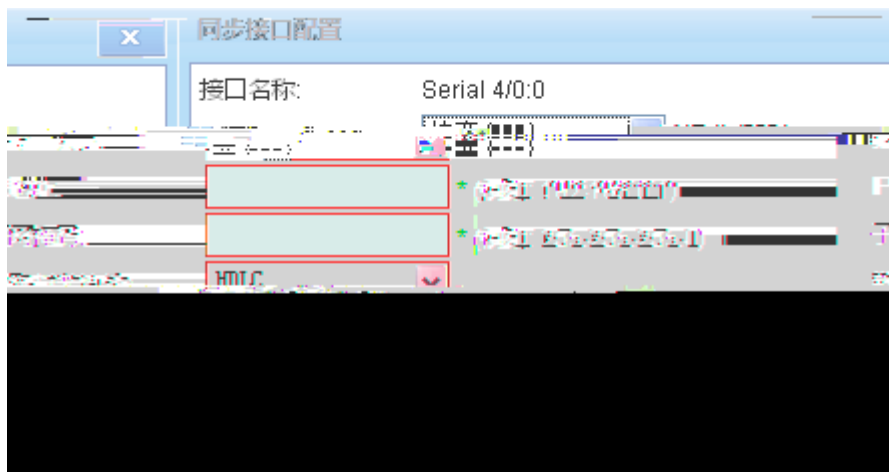
CE1 :CE1 E1 CE1 E1 E1

2M; CE1 \*64Kbites IP PPP

1-12



1-13



DCE : IP PPP IP DTE  
DTE  
DCE

1-14



DHCP	IP	PPPoE	SVI	VLAN ID	"	"
VLAN ID						
PPPoE	ADSL	PPPoE(ADSL)				
DHCP		DHCP	DHCP	SVI		IP
PPPoE	ADSL	DHCP				

1-16



" IP "

接口名称	接口模式	接口状态	支持VLAN列表	操作
FastEthernet 1/1	TRUNK	未连接	ALL	编辑 删除配置
FastEthernet 1/2	TRUNK	未连接	ALL	编辑 删除配置
FastEthernet 1/3	ACCESS	未连接	1	编辑 删除配置
FastEthernet 1/4	ACCESS	未连接	1	编辑 删除配置
FastEthernet 1/5	ACCESS	未连接	1	编辑 删除配置
FastEthernet 1/6	ACCESS	已连接	1	编辑 删除配置
FastEthernet 1/7	ACCESS	已连接	1	编辑 删除配置
FastEthernet 1/8	ACCESS	未连接	1	编辑 删除配置
GigabitEthernet 1/0	TRUNK	未连接	ALL	编辑 删除配置

Trunk

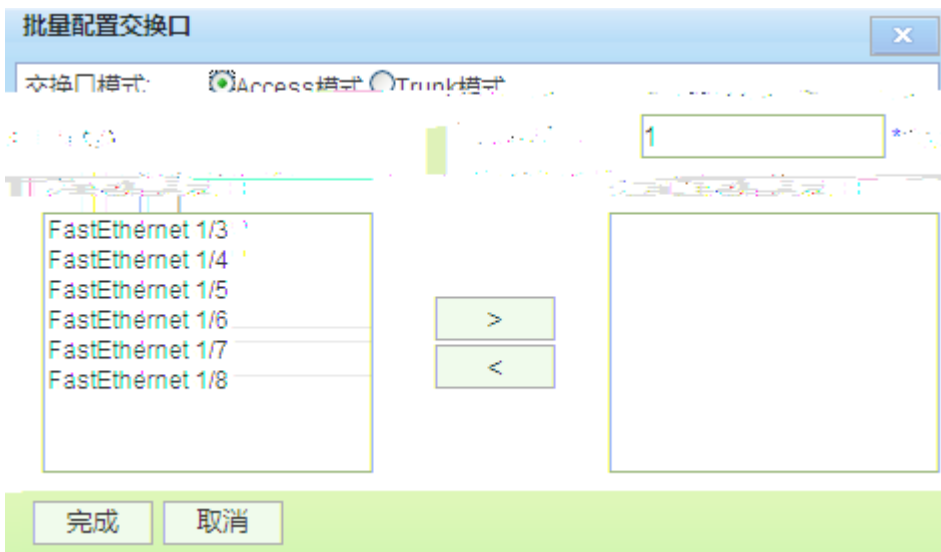
Access

" " " " " " "

VLAN " "

VLAN

1-18 Access



1-19 Trunk





SVI IP

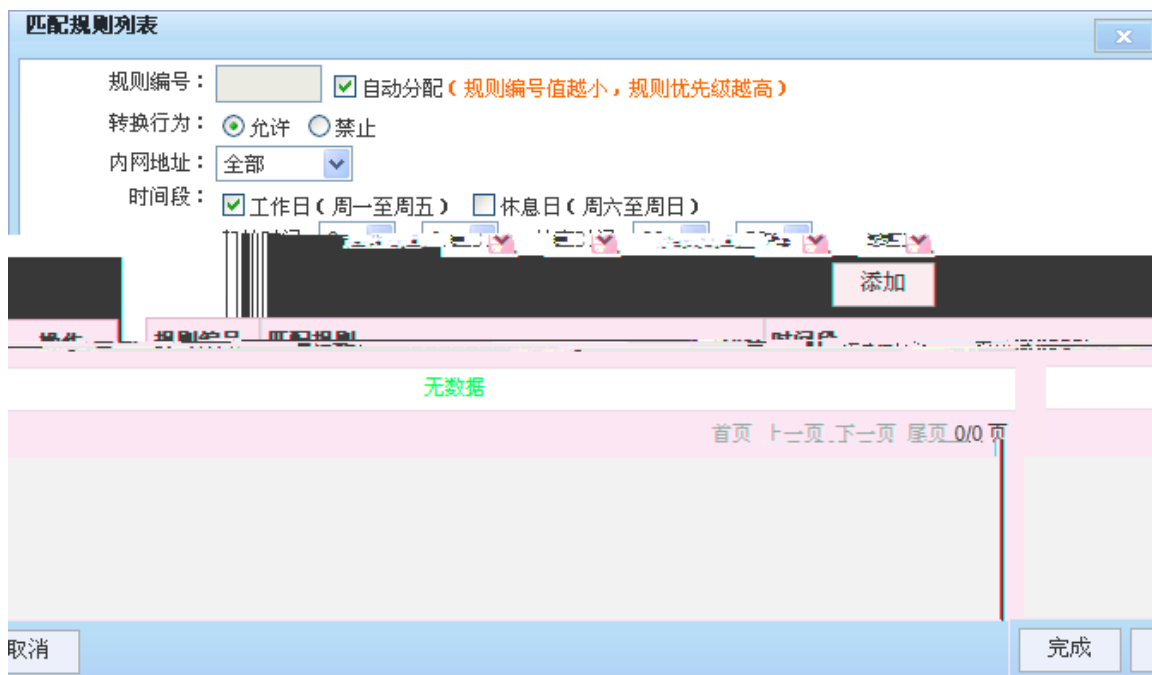
SVI SVI

SVI VLAN VLAN SVI

SVI VLAN ID 18 SVI

### 1.3.2.4 NAT

NAT " " NAT " Network  
Address Translation" " " IP Inm61.5 66A05 790.32 Tm0.6 g0.61 9



1-24



TCP UDP

IP IP IP

1 65535

IP IP IP

1-25



IP IP IP

IP IP IP

### 1.3.2.5 DHCP

Dynamic Host Configuration Protocol, DHCP

DHCP

IP DHCP IP IP IP

### DHCP

DHCP DHCP

1-26



IP

IP DNS LAN

1-27



IP

IP

IP

IP

IP

1-29



IP

IP

IP

IP

IP

IP

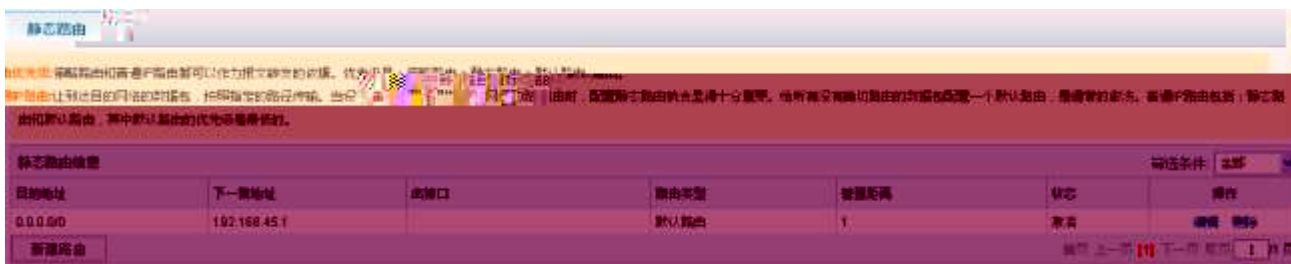
IP



### 1.3.3

#### 1.3.3.1

1-21



0.0.0.0

1-22

**新建路由** ✕

**说明:** 管理距离-N : N值越小越优先进行选路

路由类型:  默认路由  静态路由

目的地址:  \* (例如: 202.210.19.0)

目的掩码:  \* (例如: 255.255.255.0)

出接口:  ▼

下一跳地址:  \* (例如: 192.168.1.1)

管理距离:

完成 取消

### 1.3.3.2

PBR Policy-Based Routing

IP

1-23

**策略路由**

**路由优先级:** 策略路由和普通IP路由都可以作为报文转发的依据, 优先级是: 策略路由 > 静态路由 > 默认路由。

**说明:** 策略路由是一种比基于目的网段进行路由更加灵活的数据包路由转发机制。

**策略路由信息**

策略应用接口	匹配策略	出口地址	下一跳地址	策略优先级	操作
Async 1	源地址: any, 目的地址: any	GigabitEthernet 0/0		1	<a href="#">编辑</a> <a href="#">删除</a>

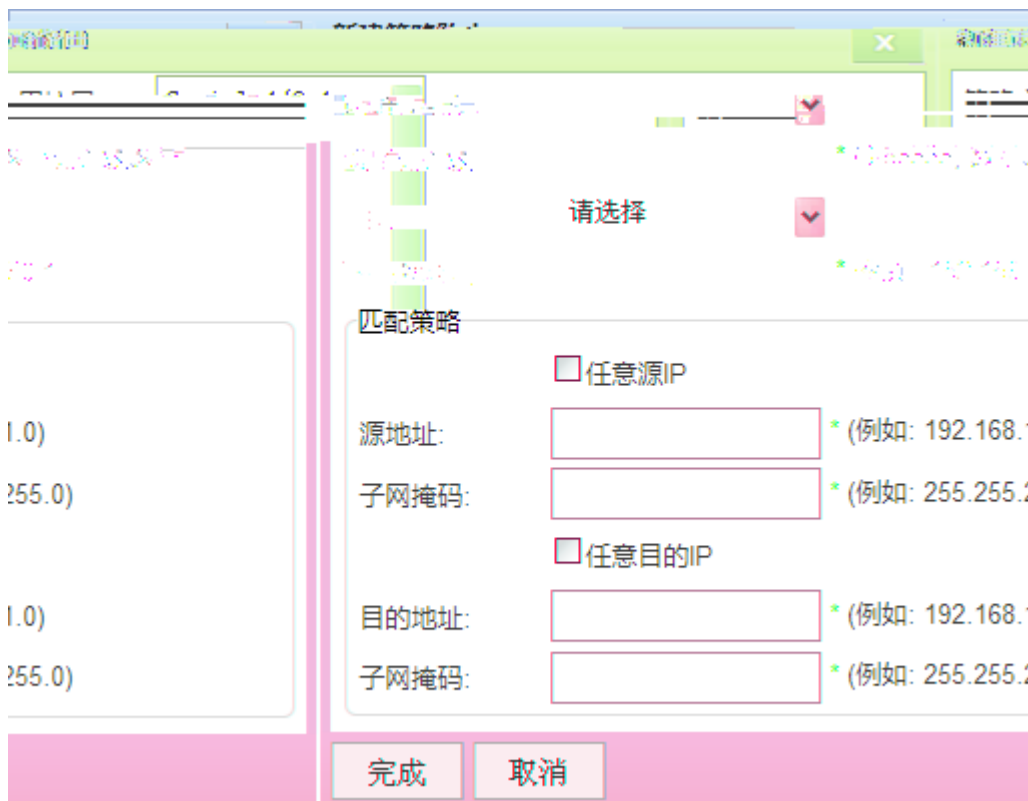
[新建策略路由](#) 首页 上一页 1/1 下一页 尾页 1/1 页

IP

IP

IP

1-24



### 1.3.3.3 RIP

RIP(Routing information Protocol)  
(distance-vector)

RIP UDP

(Interior Gateway Protocol, IGP)

15

WEB

RIPv2

RIP

RIP

RIP

WEB

RIP

IP

IP

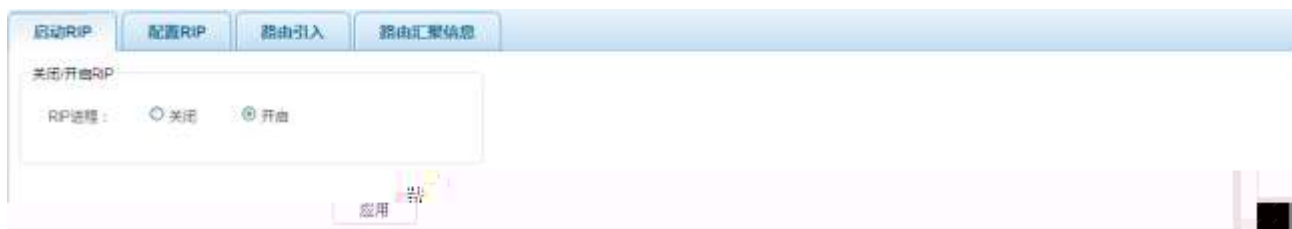
RIP

### RIP

RIP

RIP

1-25



## RIP

VLAN

RIP

RIP

1-



1-28



### 1.3.3.4 OSPF

OSPF Open Shortest Path First Autonomous System

(Interior Gateway Protocol,IGP),

(RIP) OSPF

OSPF

OSPF

OSPF  
IP

WEB

OSPF

ID

ID

OSPF

### OSPF

ospf

ID " 1"

1-40



### OSPF

VLAN

OSPF

1-41



### OSPF

OSPF

OSPF

OSPF

OSPF

OSPF

1-42



### OSPF

OSPF

:

OSPF

RIP

OSPF

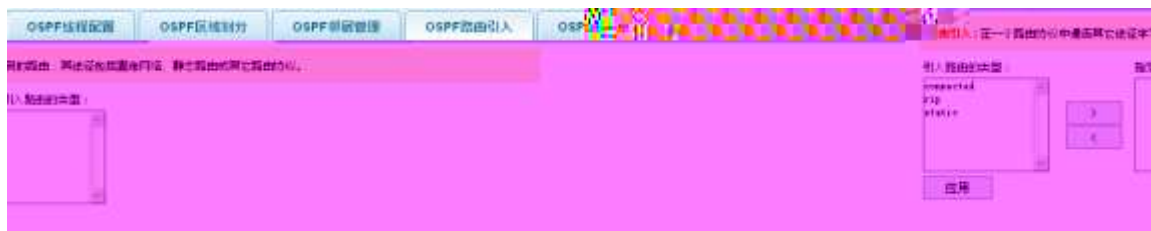
RIP

OSPF

RIP

rip connected static

1-29



## OSPF



VPDN

VPDN

VPDN

VPN

PKI

CA Certificate Authority

CA

CA

CA Certificate Authority

" \*.pfx"

CA Certificate Authority

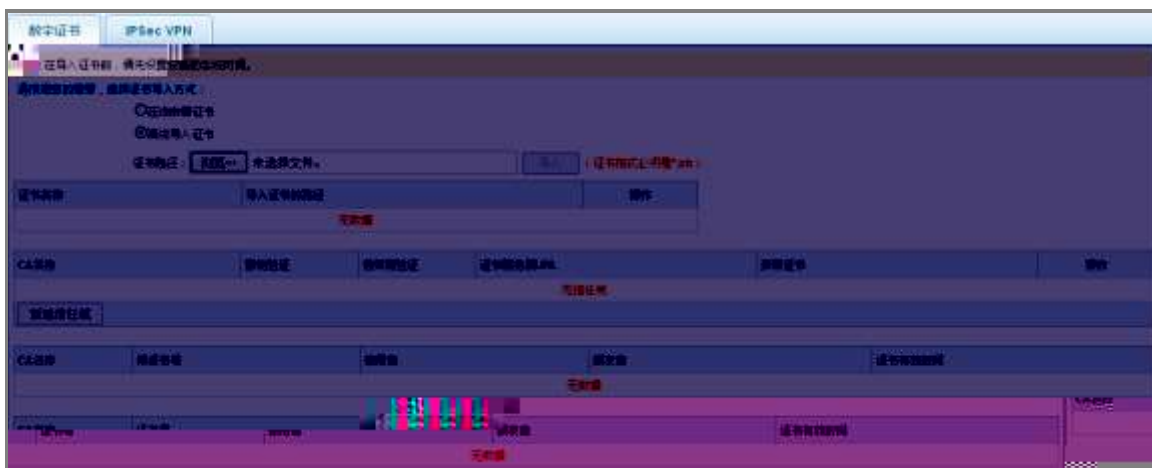
1-32



" "



1-33



### IPSec VPN

VPN

Internet

Internet

IPSec

IPSec





IPSec

UP

IPSec

### 1.3.5

#### 1.3.5.1

ARP

ARP

ARP

"

ARP

"

ARP

ARP

10

ARP

DoS

DoS

DoS/DDoS

IP

SYN Flood

WEB

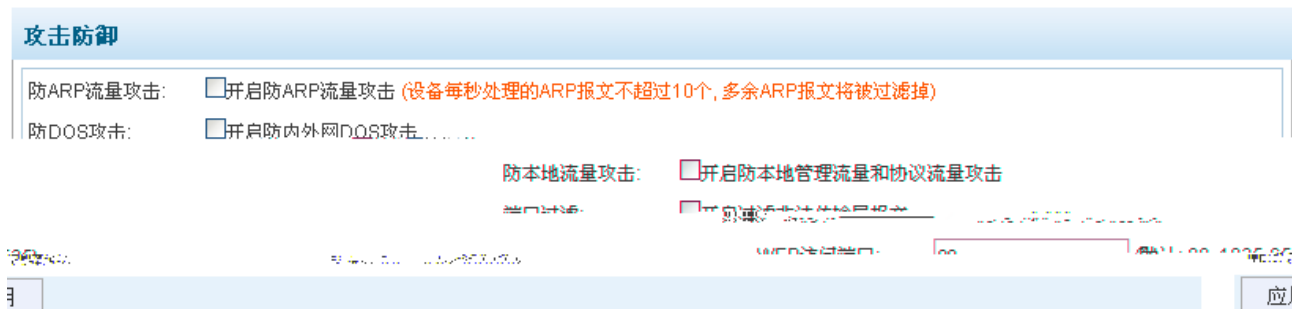
WEB

80

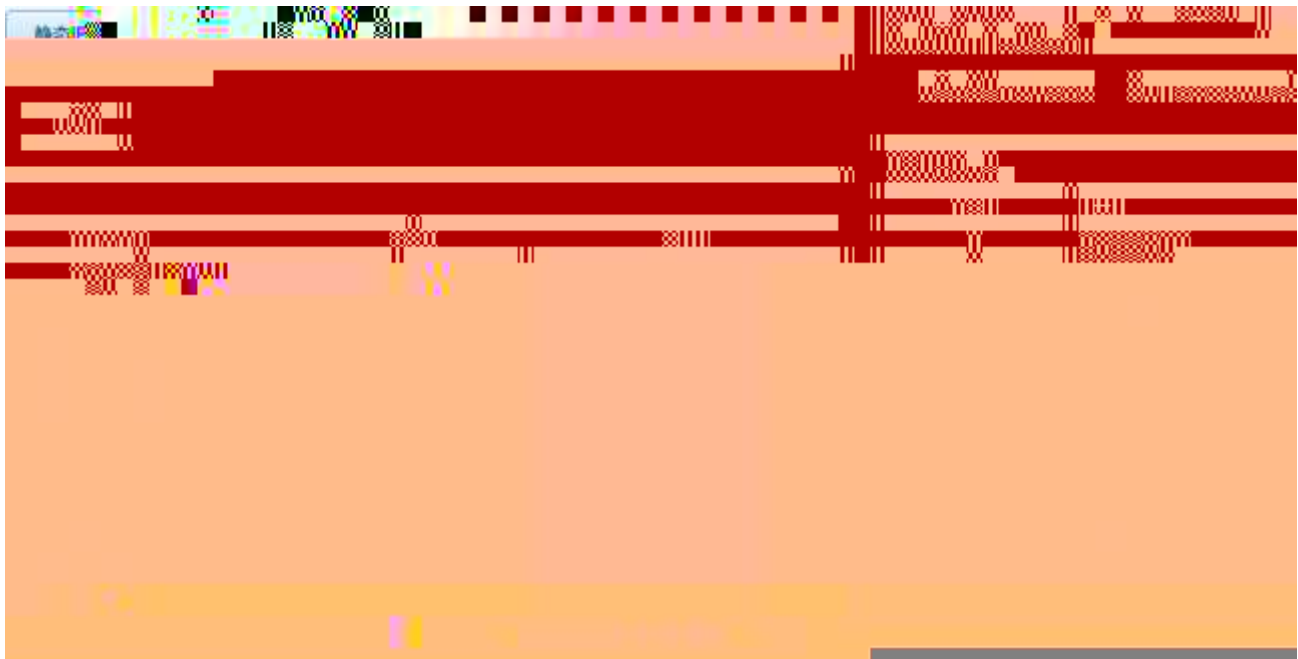
WEB

WEB

1-50







### 1.3.5.3

1-55



### 1.3.6 AAA

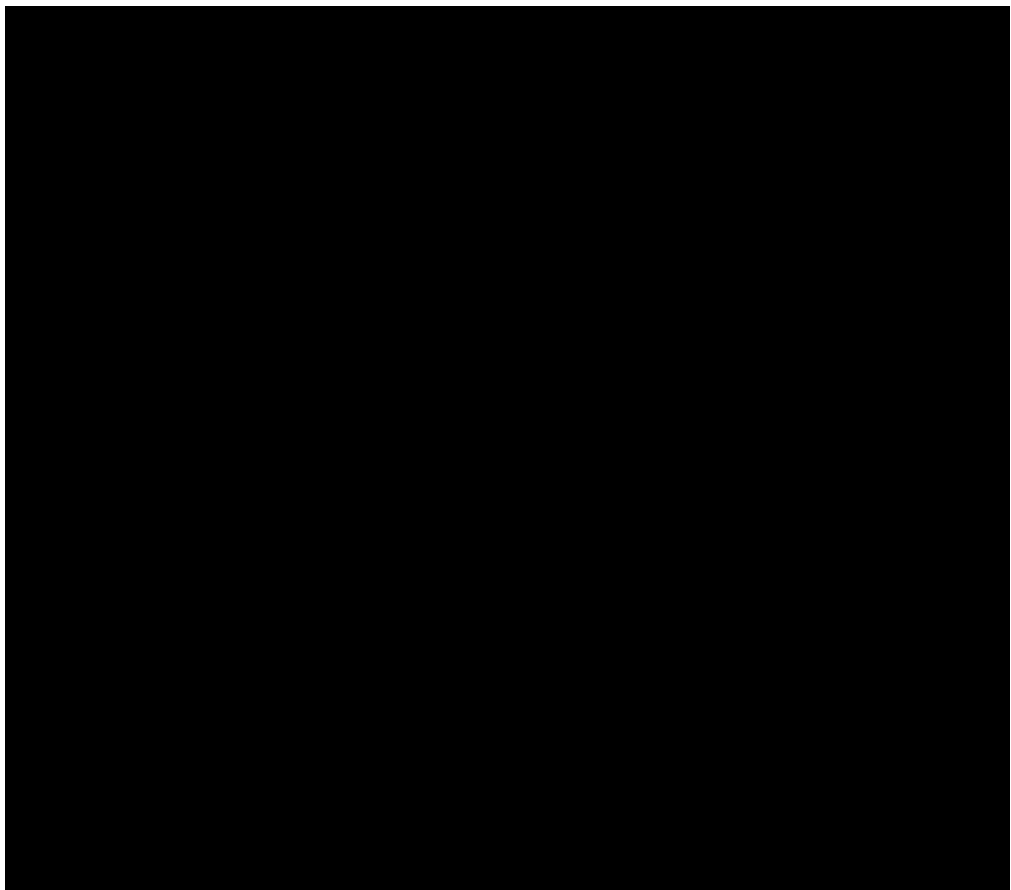
AAA Authentication Authorization and Accounting

#### 1.3.6.1

1-56



1-57



### 1.3.7

#### 1.3.7.1

icmp flood    udp flood

1-58



IP

IP

18

Dialer

Virtual-PPP

1-59

**主机限速规则配置**

接口名称: GigabitEthernet 0/1

源IP地址:  \*

源IP地址掩码:  \*

\* 源IP地址掩码: 00000000

\* 源IP地址掩码: 00000000

星期一  星期二  星期三

星期四  星期五  星期六  星期日

开始时间 00 : 00 结束时间 23

59

完成 取消

### 1.3.7.2

1-60



1-36



### 1.3.7.3



HQoS

QoS

QoS

" "

QoS

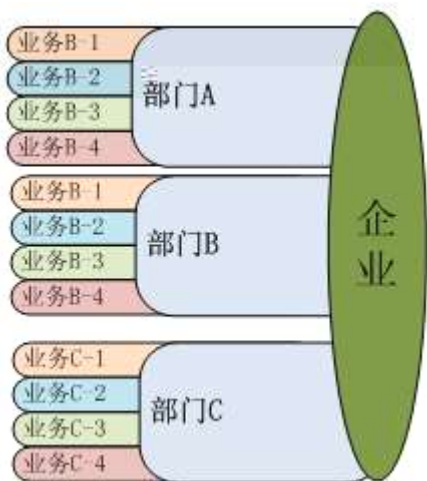
HQoS

1-62



-> ->

1-63



1-64



1)



1-65

**企业【锐捷成研】** ✕

企业名称:  \* (范围: 最多18个英文字符)

最大带宽:  \* (范围: 1-10,000,000 kbps)

2)

增加部门

1-66

增加部门【锐捷成研】

部门名称:	<input type="text"/>	* (范围: 最多18个英文字符)
最小带宽:	<input type="text"/>	* (范围: 0-1,000,000 kbps)
最大带宽:	<input type="text"/>	* (范围: 1-1,000,000 kbps)

完成 取消

3)



1-67

业务【行政部>>VOIP】

业务名称:  \* (范围: 最多18个英文字母)

业务优先级:  最高带宽:

延迟保障:  4000 (范围: 1-10,000 kbps)

业务分类:  \* (范围: 0-63)

DSCP:

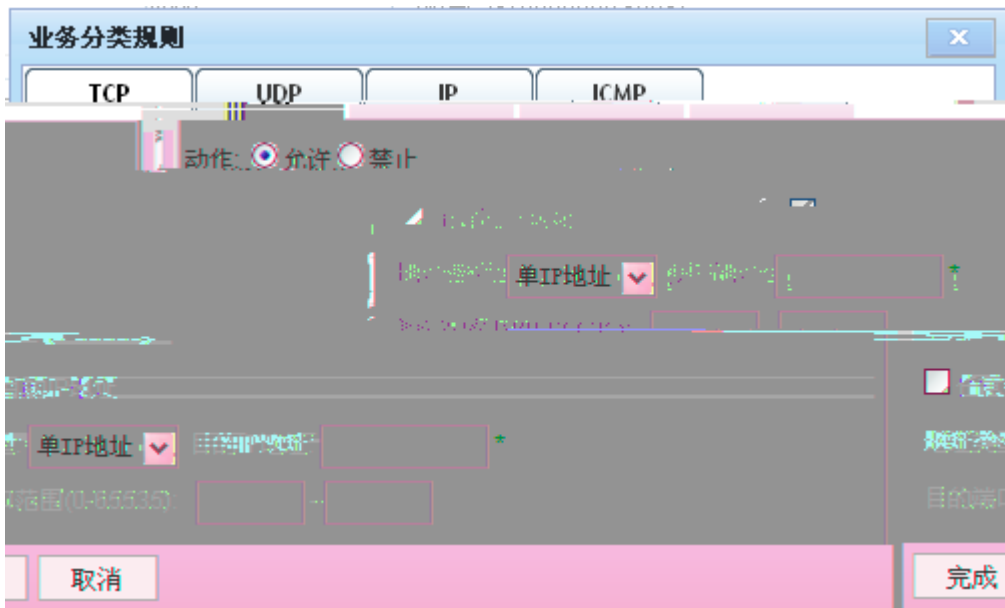
【业务匹配下列任意一项规则生效】

规则序号	分类规则
无数据	

首页 上一页 下一页 尾页 0/0 页

取消 完成

ACL " "



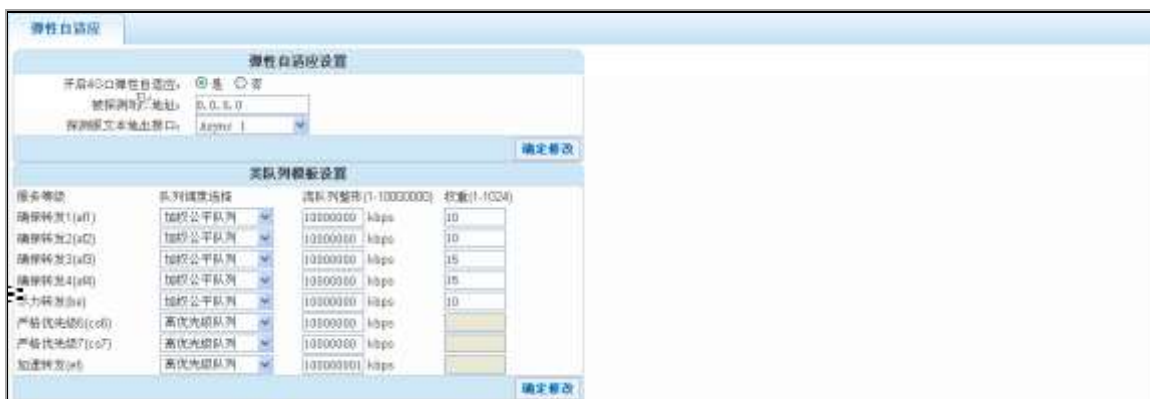
DSCP	Differentiated Services Code Point	IETF	1998	12	Diff-Serv
Differentiated Service	QoS	IP	TOS		6
2					

### 1.3.7.4

QoS

IP IP

1-70



### 1.3.8

#### 1.3.8.1

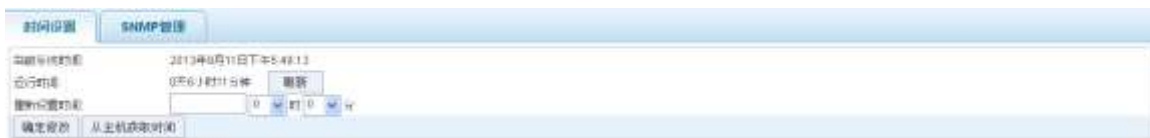
SNMP

Internet

DNS

DNS

1-71



SNMP

### SNMP

SNMP

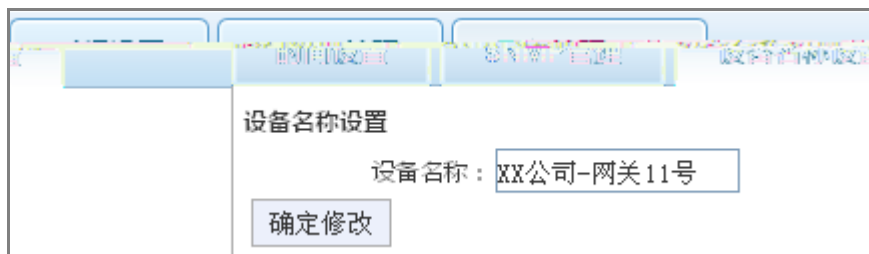
1-72



1-73



1-74

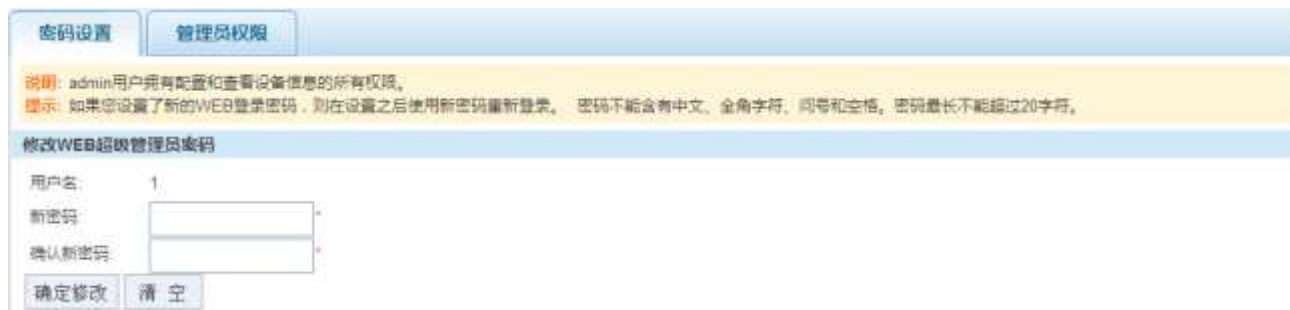


### 1.3.8.2

WEB

WEB

1-75



" admin"

WEB

WEB

WEB

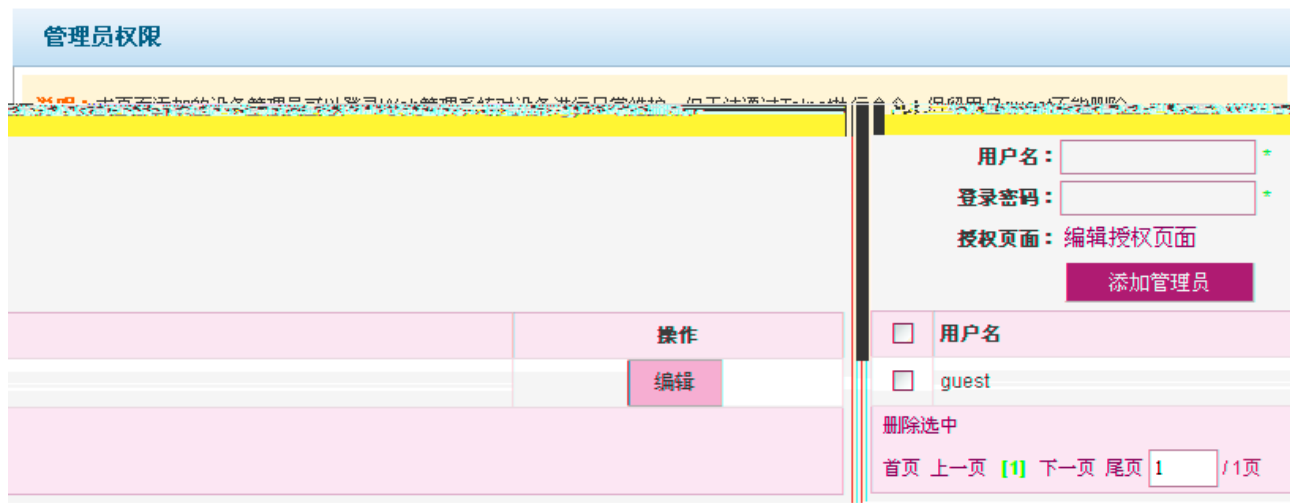
Telnet

" guest"

" guest"

admin

1-76



zhangs;

WEB

1-77 admin



WEB

" Admin"

WEB

WEB

1-78 guest



WEB

Telnet

Telnet TCP/IP Internet

telnet telnet

telnet

Telnet Telnet

Exec

CLI

Telnet Telnet Telnet

WEB Telnet

1-79

密码设置 管理员权限 Telnet设置

特权模式口令

目的口令。

说明: 特权密码是指用户通过CLI方式进入特权模式Exec配置  
注意: 密码不能有中文字符、全角字符、问号 and 空格字符。

特权密码:

确认密码:

修改密码

Telnet帐号创建

说明: 帐号级别值越大, Telnet帐号的权限越高。

Telnet帐号:

帐号级别: 1

Telnet密码:

确认密码:

创建帐号

帐号	操作	Telnet帐号	帐号级
	编辑 删除	2	2
	编辑 删除	admin	15

首页 上一页 [1] 下一页 尾页 1/1 页

### 1.3.8.3

WEB

50

WEB

1-80

软件升级

版本信息

软件版本: RGOS 10.4(3b13) Release(159680)  
硬件版本: 1.00

说明: 软件升级可实现固件版本和WEB包的升级, 固件版本升级完成后须重启设备才能生效。

软件升级

浏览... 开始升级

50

" bin"

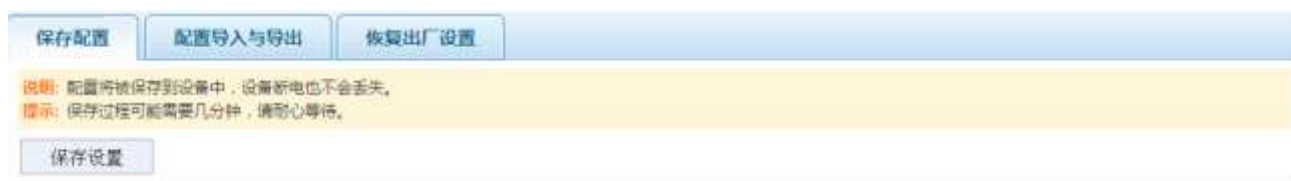
WEB

" upd"

flash

### 1.3.8.4

1-81



" .text"

" config.text"

" config.text"



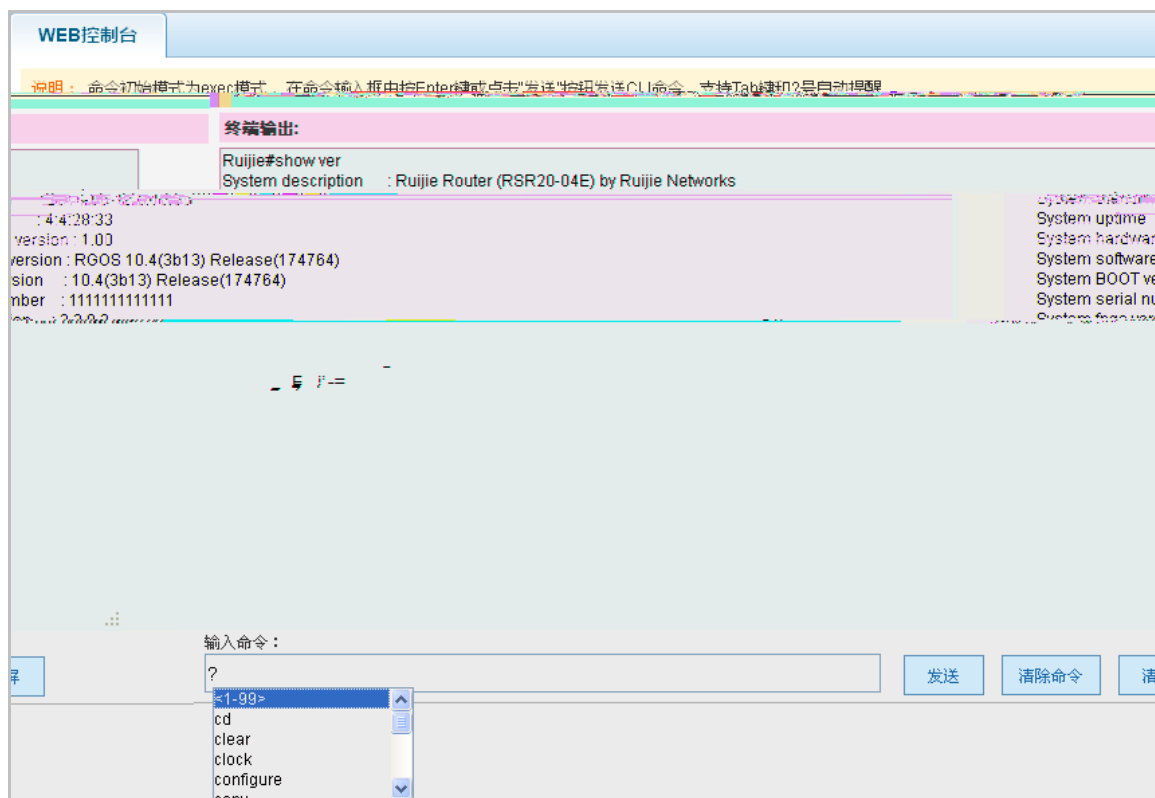
1-83



### 1.3.8.5 WEB

WEB                      Console                      WEB  
CLI

1-84



### 1.3.8.6

· · · · · 2

WEB WEB

1-85



### 1.3.8.7

WEB WEB

1-86

操作日志		
提示：操作日志显示最多500条操作日志		
操作日志		
时间	操作员的ip	描述
2012-12-28 10:06:53	192.168.50.117	用户登录
保存配置	2012-12-28 09:57:29	192.168.50.117
密码设置页面，修改telnet登陆密码	2012-12-28 09:55:22	192.168.50.117
保存配置	2012-12-27 18:05:21	192.168.50.117
时间设置页面，修改系统时间	2012-12-27 18:02:41	192.168.50.117
新建策略路由成功	2012-12-27 08:58:37	192.168.50.117
外网接口 GigabitEthernet 0/0 保存成功	2012-12-26 15:32:44	192.168.50.117
外网接口 GigabitEthernet 0/0 保存成功	2012-12-26 15:32:00	192.168.50.117
外网接口 GigabitEthernet 0/0 保存成功	2012-12-26 15:28:33	192.168.50.117

IP

1-87

操作日志		系统日志	
说明：该功能是显示和保存系统日志到服务器。			
显示系统日志			
显示系统日志			
<pre>*Dec 28 08:53:09: %ARP-4-ARPCHANGEMAC: ARP entry 192.168.50.171 on GigabitEthernet 0/1 changed d0.f822.33d4.                                001a.a93a.6cd7 to 00 YS-5-CONFIG_I: Configured from console by web(192.168.50.117) *Dec 28 09:36:08: %SYS-5-CONFIG_I: Configured from console by web(192.168.50.117) *Dec 28 09:50:37: %SYS-5-CONFIG_I: Configured from console by web(192.168.50.117)</pre>			

### 1.3.8.8

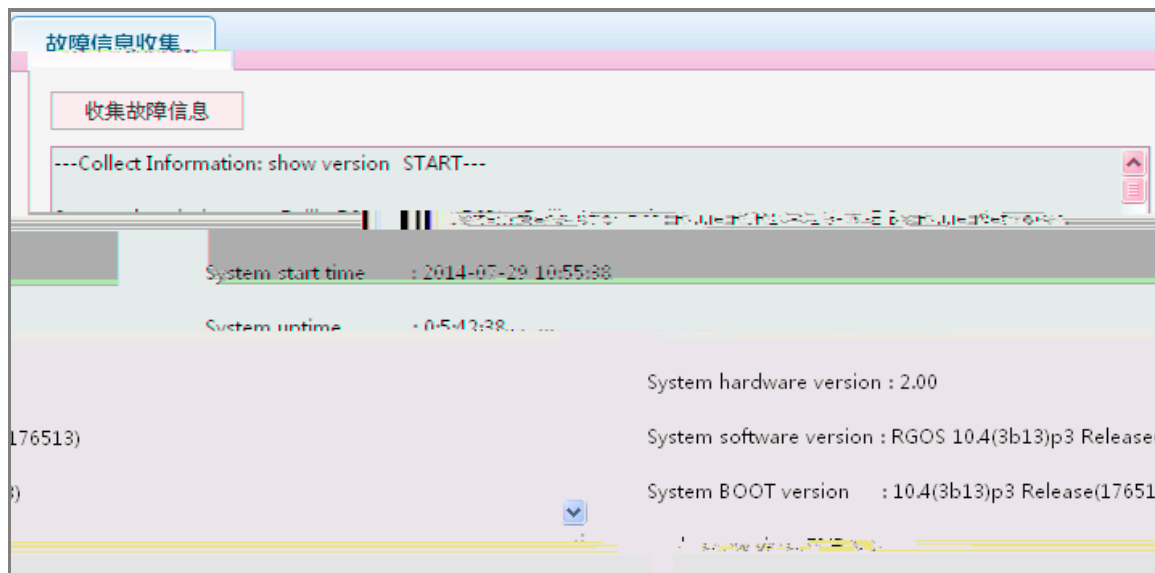
Ping

“



### 1.3.8.9

1-90



### 1.3.8.10

1-91



## 1.4

### 1.4.1

WEB

1-92WEB



1-93 WEB



1-94





## 1.5

### 1.5.1

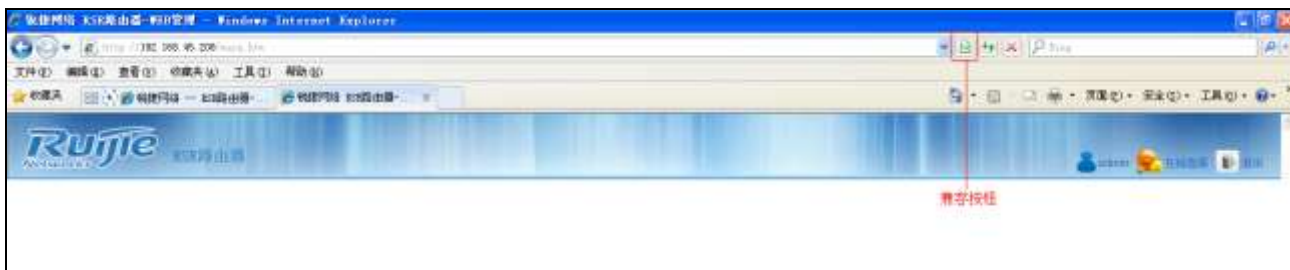
WEB

### 1.5.2

WEB

IE

1-96



IE9.0 IE10.0

WEB

CPU

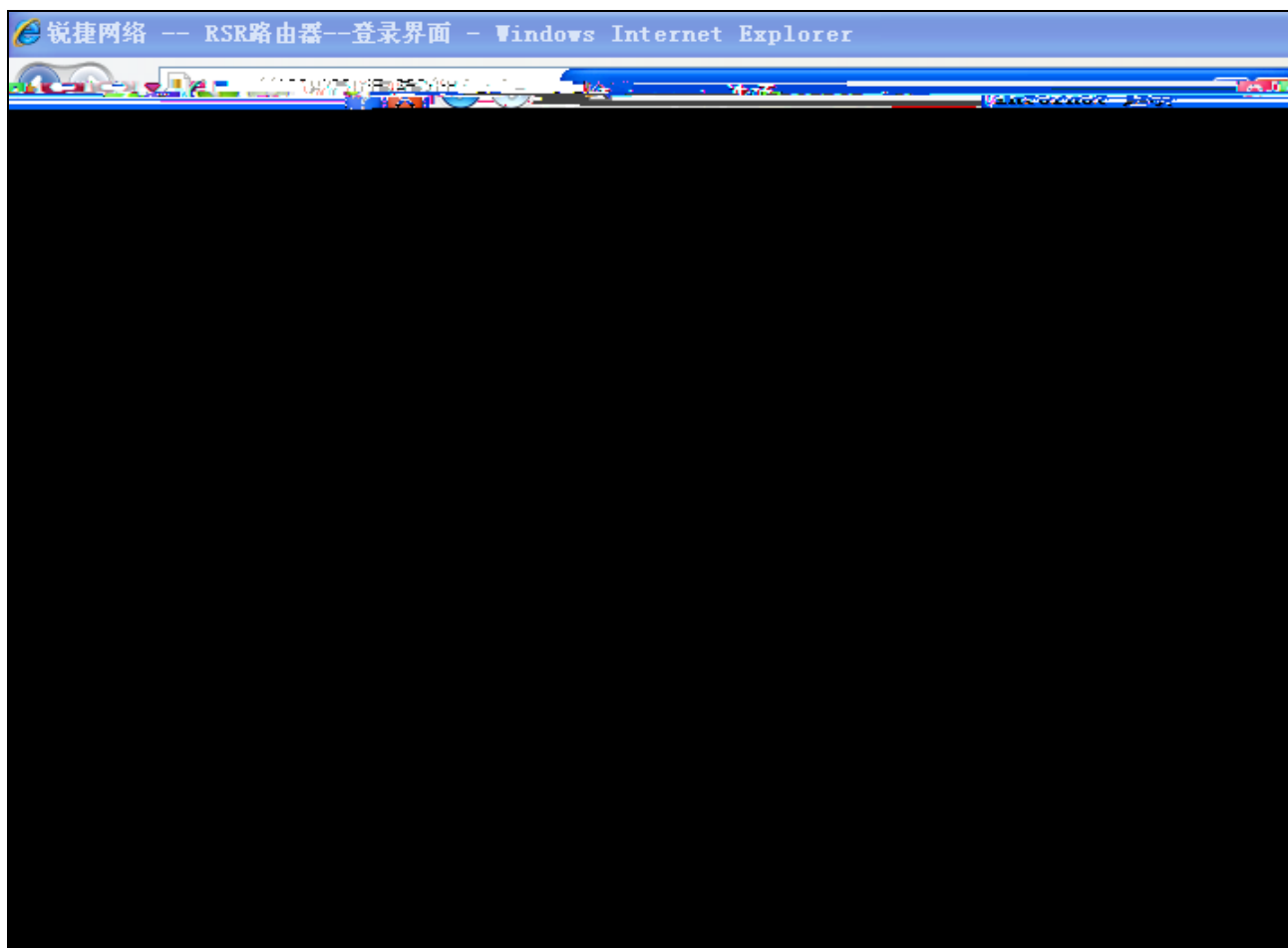
### 1.5.3 WEB

WEB

WEB

IE

1-97 IE



" " " "

WEB

### 1.5.4 WEB

1 PC Ping

WEB

WEB

1-98WEB

```
Ruijie(config)#show service
ssh-server      : disabled
telnet-server   : enabled
web-server      : disabled
web-server(https): disabled
snmp-agent      : enabled
```

---

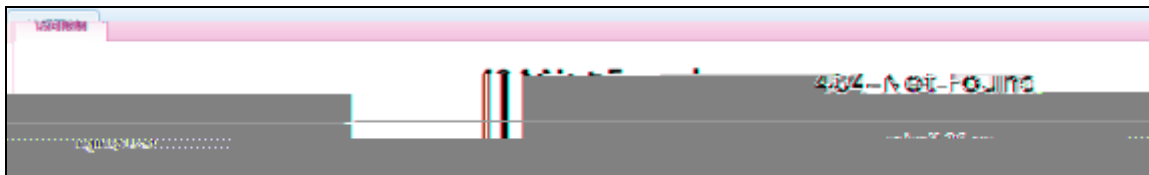
" disabled" WEB " enable service web-server all" WEB

---

2 PC Ping PC IP

3 " 404" WEB WEB

1-99



### 1.5.5 WEB

WEB 10 WEB 10

---

10

---

### 1.5.6

18 WEB

PPPoE 4 Dialer

SVI 2 SVI

VPN 3-5 Virtual-PPP >bf0ÑMà

3G