



WEB

RG-RSR10-01G-E,810

RGOS 10.4(3b13)p3

V2.0

©2014



RGNOS®



Red-Giant®



锐捷®

[] []

{ x | y | ... }

[x | y | ...]

//

2)



3)

1 WEB

1.1

;	RSR810 RSR10-01G-E
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1.1.1

WEB			IE	Firefox	Chrome
WEB	WEB	WEB			
		WEB		WEB	
				IE	Firefox
				Chrome	

1.1.2

WEB									
WEB				WEB					
								HTTP	
									HTTPS TLS1.0
WEB									
WEB			WEB			WEB			WEB
					IE	Firefox	Chrome	Safari	

1.2

1.2.1

”		WEB
”		WEB
”		IP

„ WEB WEB WEB

„ IE Firefox Chrome Safari IE (Maxton)

„ WEB

„ PC 1280*1024

1440*900 WEB

1.2.2

, WEB GE0/0 IP 192.168.1.1

255.255.255.0 WEB admin admin

Windows XP

WEB

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

” ” ” ” ” Internet TCP/IP ”

1-2

“ ” PC IP
“ Internet TCP/IP ” “ IP ” “ IP ” 192.168.1.xxx xxx
2 254 “ ” 255.255.255.0 “ ” 192.168.1.1 IP

1-3

a	IP	192.168.1.1	PC	IP	1,	"	"
---	----	-------------	----	----	----	---	---

PC

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

ping ping 192.168.1.1

1-4

1-5

a
a
a
a

PC

TCP/IP

1.2.3 WEB

WEB

WEB

- 1) GE0/0
- 2) IE 7.0
- 3) IP GE0/0 192.168.1.xxx xxx 2 254
255.255.255.0 192.168.1.1
- IE http://192.168.1.1 RSR WEB

WEB IE7.0 Google Chrome Apple Safari Firefox3.0

1-6



admin/admin WEB ,

a

o “

1.2.4 WEB

1.2.4.1

RSR WEB

1-8 WEB

CPU USB SD

VLAN

3G	" CMNET "	" *99***1 "	" PPPS "
3G	" 3GNET "	" *99# "	" UMTS_CHAP_SRVR "
3G	" #777 "	" card "	" card "

SVI

SVI	Switch Virtual Interface,	SVI					
SVI	Internet	IP					IP
DHCP	IP	PPPoE	SVI	VLAN ID	"		"
VLAN ID							
PPPoE ADSL	PPPoE(ADSL)						
DHCP	DHCP	DHCP	SVI			IP	
a PPPoE ADSL	DHCP						

a	Access	Access	Trunk
a	Trunk	Trunk	Access

VLAN “ ” VLAN VLAN

VLAN

1-20

SVI SVI VLAN SVI

SVI

VLAN VLAN IP VLAN VLAN

VLAN IP VLAN Switch Virtual Interfaces

1-21

	SVI	IP				
a	SVI		SVI			
a	SVI	VLAN		VLAN		SVI
a	SVI	VLAN ID		18	SVI	

1.3.2.4 NAT

	NAT				NAT	“ Network
Address Translation	”	“	”	IP	Internet	
		IP		IP		
1-22						

	PPPoE	IP
1-20		

σ



IP IP IP IP IP

1-29

IP IP
IP IP

IP IP IP

IP

1-30

1.3.2.6 VRRP

VRRP(Virtual Router Redundancy Protocol)

1-31

0.0.0.0

1-22

1.3.3.2

PBR Policy-Based Routing
IP

1-23

¾

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

[a](#) IP RIP

RIP

RIP

RIP

a

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

1-30

1.3.4

1.3.4.1 VPN

VPN “ Virtual Private Network ” “ ”
VPN

VPDN

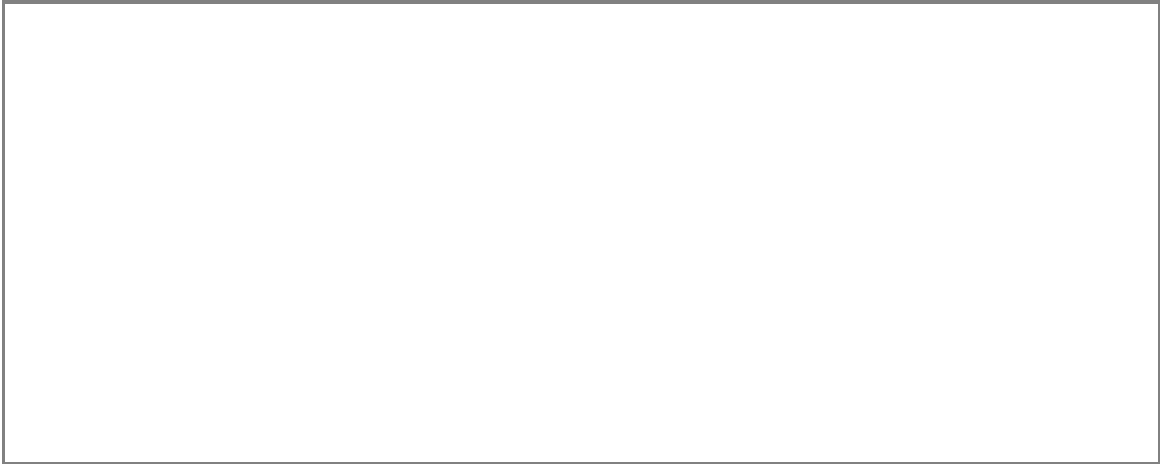
VPDN VPDN VPDN L2TP

1-31

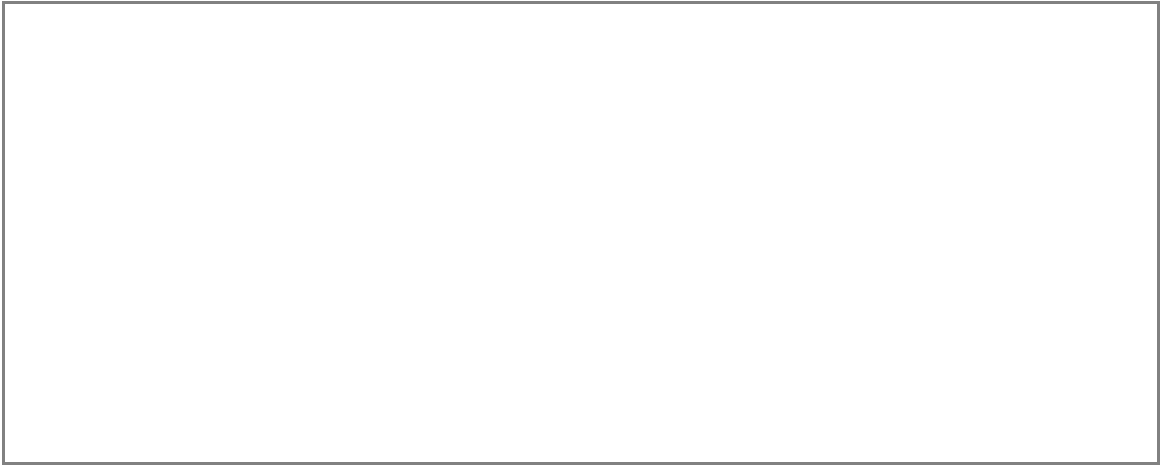
“ ”



1-33



“ ”



IPSec VPN



IPSec UP IPSec

1.3.5

1.3.5.1

ARP ARP

ARP 10 ARP “ ARP ” ARP ARP

DoS DoS DoS/DDoS IP

SYN Flood

WEB WEB 80 WEB WEB

1-50

1.3.5.3

IP

1-54

1-2147483647

[a](#)[a](#)

18

Dialer

Virtual-PPP

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

a

18

Dialer

Virtual-PPP

1-59

QoS Quality of Service

QoS

HQoS

QoS

+

QoS

QoS

QoS

QoS

QoS

"

HQoS

-> ->

37

1-64

1)

“ ”

1-65

2)

“ ”

1-66

3)

“ ”

IP

DSCP

ACL

IP

>

“ ”

>

“ ”

1-67

ACL “ ”

[a](#) 18 Dialer Virtual-PPP

1-68

DSCP

Differentiated Services Code Point

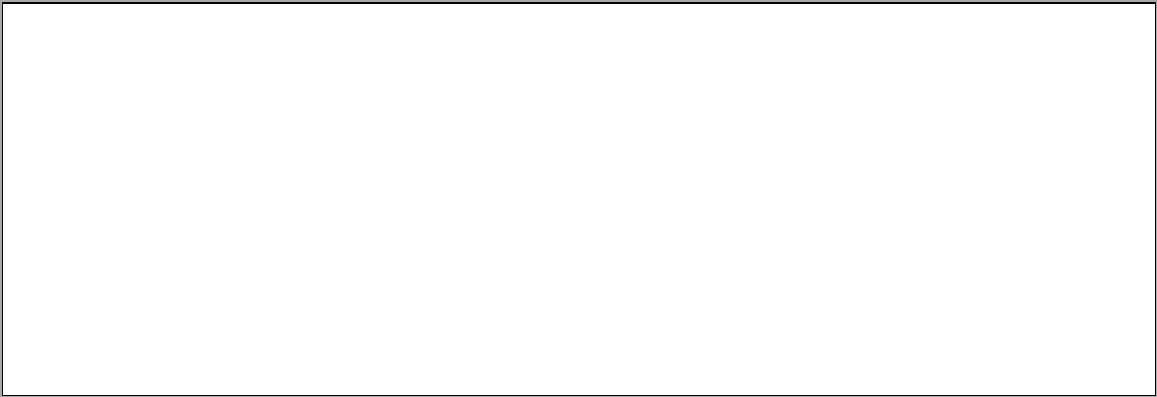
1.3.7.4

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

a

1-75

“ admin ”

WEB

WEB

“ guest ”

WEB

Telnet

“ guest ”

a

admin

1-76

zhangs;

WEB

“

”

1-77 admin

WEB

“ Admin ”

WEB

WEB

1-78 guest

WEB

Telnet

Telnet

telnet

TCP/IP

telnet

Internet

telnet

Telnet

Telnet

Exec

CLI

Telnet

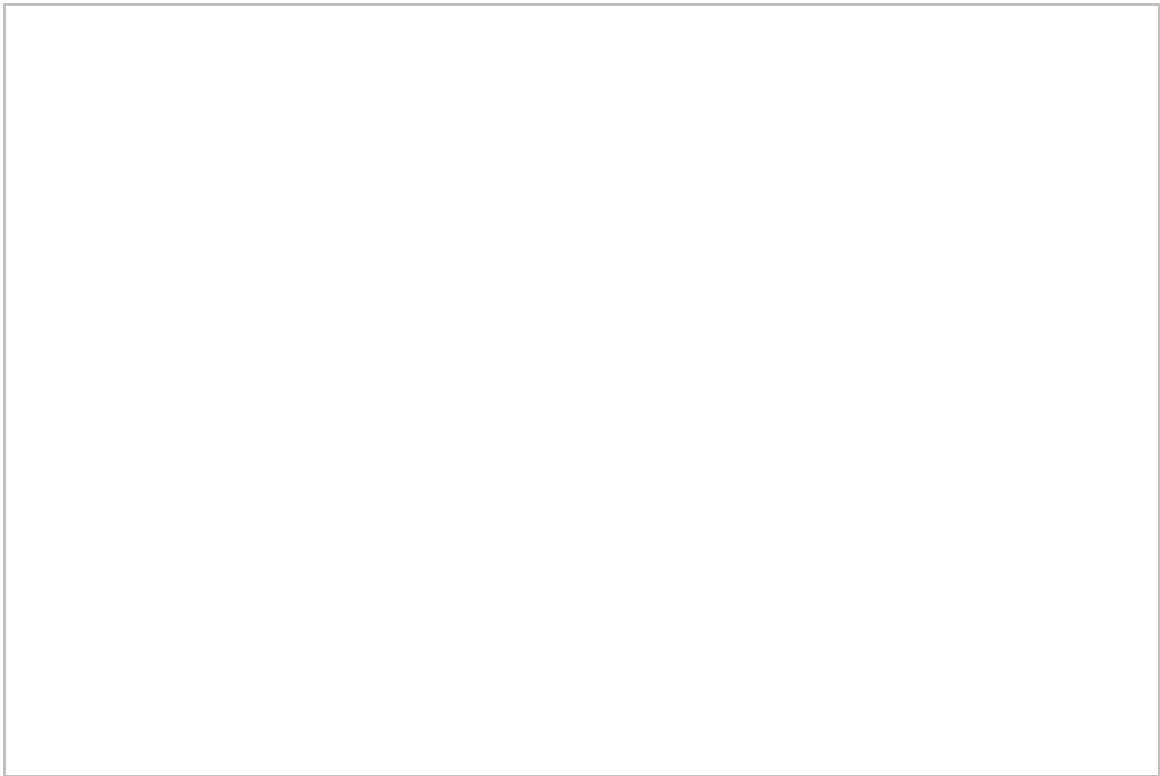
WEB

Telnet

Telnet

Telnet

1-79



1.3.8.3

WEB

“ ”

”

50

WEB

1-80

a

_____ ” ”

50

a “ bin ” WEB “ upd ”

a flash

1.3.8.4

a

a

1-83

1.3.8.5 WEB

WEB	Console	WEB
CLI		

1-84



IP

1-87

1.3.8.8

Ping

Ping

“ !!!!! ”

“ ”

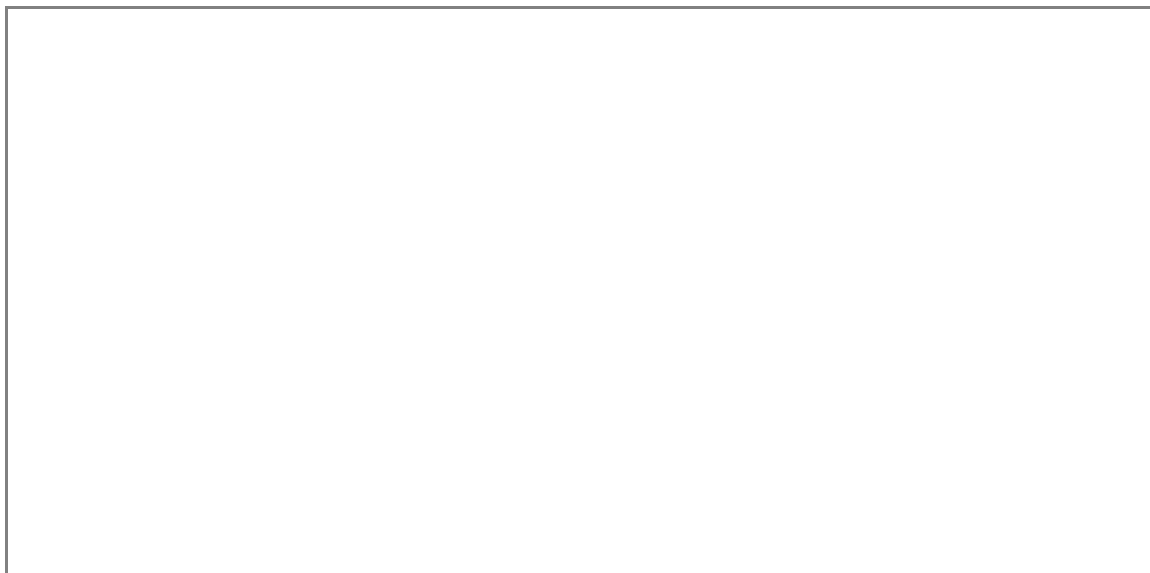
“ ”

“ ”
, .

1-88

1.3.8.9

1-90



1.3.8.10

1-91

1.4

1.4.1

“

”

WEB

“

”

1-92 WEB

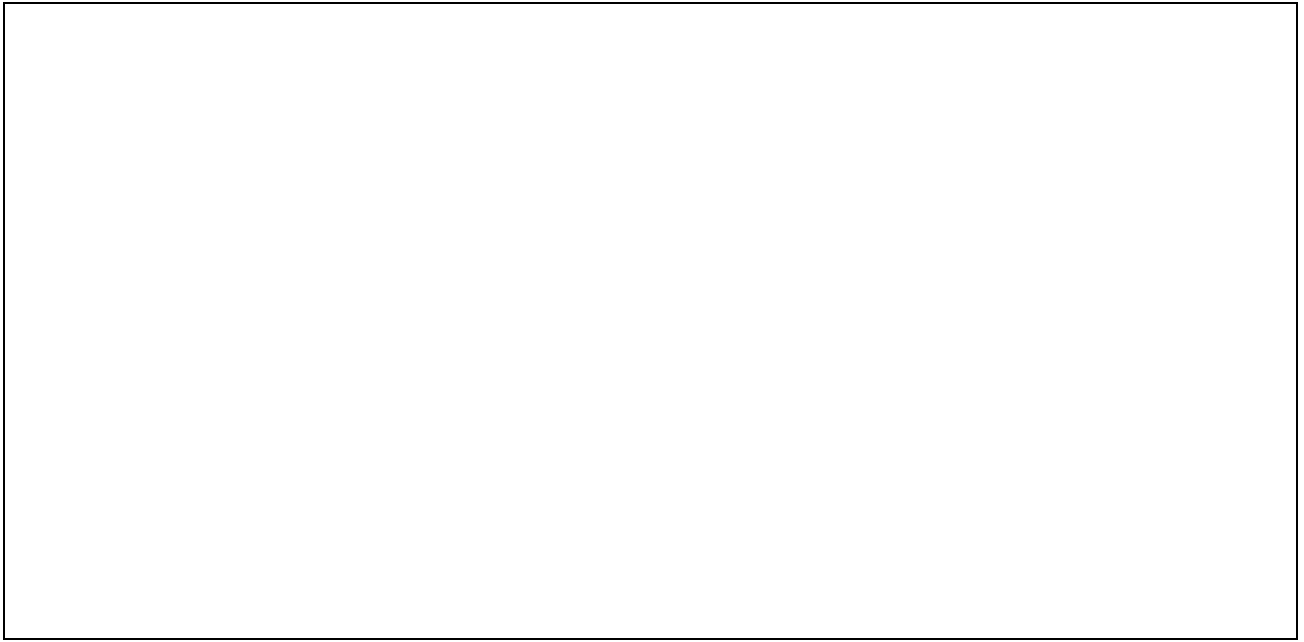
1-93 WEB

1-94

: 8:30-18:00
4008-111-000
WEB WEB

1.4.2

“ ”
4008-111-000 WEB <http://support.ruijie.com.cn> WEB
1-95



1.5

1.5.1

WEB

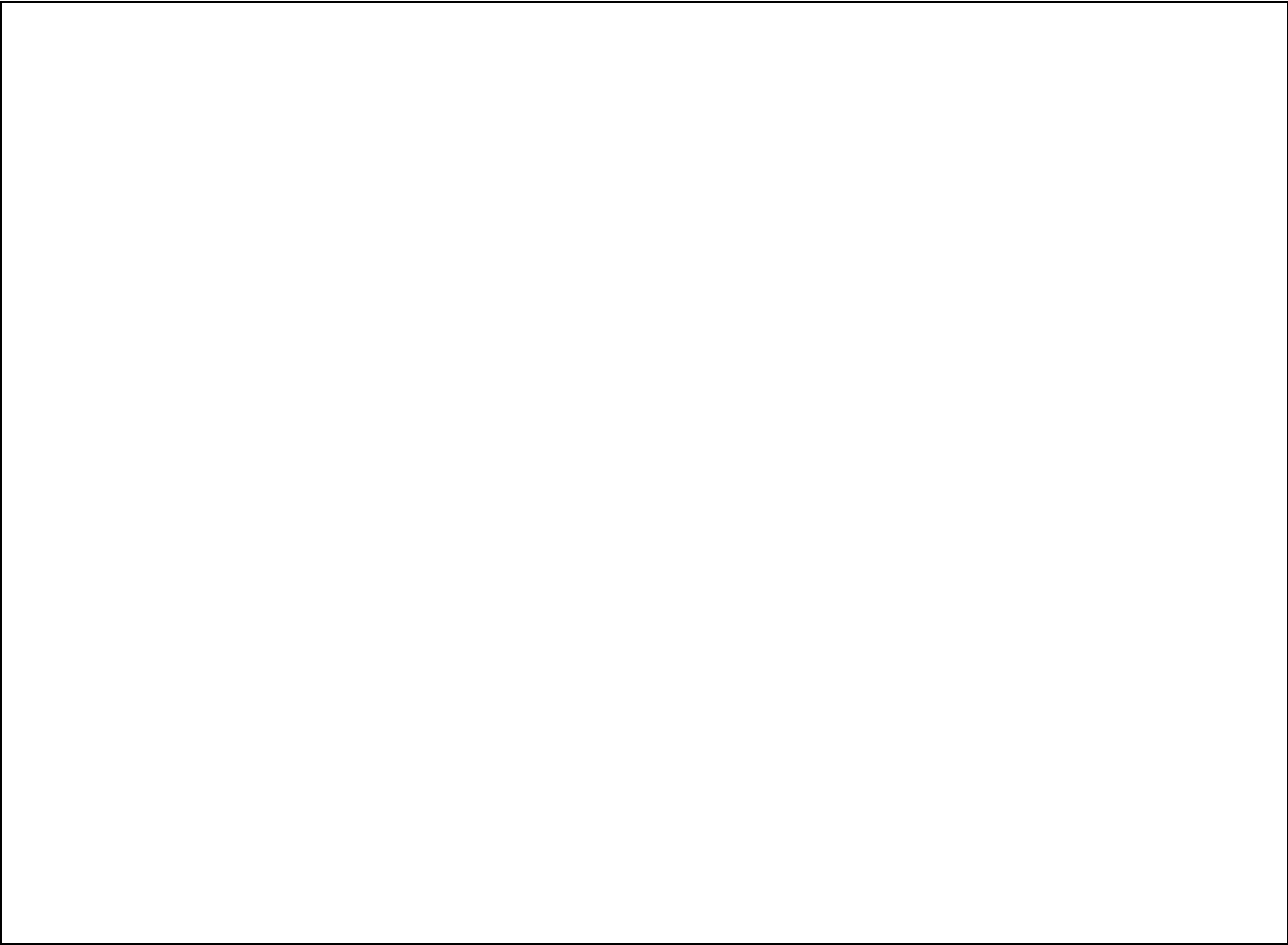
1.5.3 WEB

WEB

WEB

IE

1-97 IE



“ ” “ ”

WEB

1.5.4 WEB

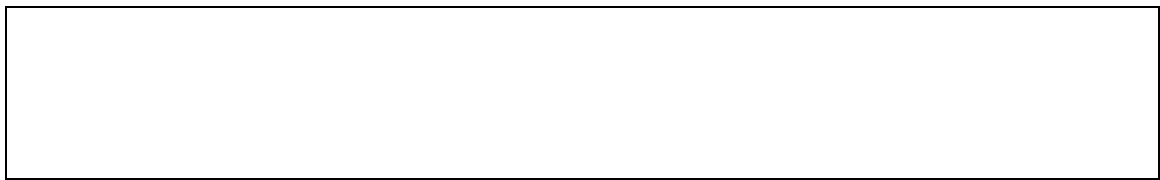
1 PC Ping WEB WEB

1-98 WEB

“ 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

PPPoE	4	Dialer		
SVI	2	SVI		
VPN	3-5	Virtual-PPP		
3G	E1	RSR	6	6