WEB

RSR20-X-28

RGOS 10.4(3b84)

V1.0

©2017

RGOS 10.4 (3b84)

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- 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
- http://www.ruijie.com.cn/service/know.aspx
- 4008111000@ruijie.com.cn

[ ] [ ]

{ x | y | ... }

[x | y | ...]

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2)

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3)

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1 WEB

1.1

☑ RSR20-X-28 RSR20-X-52 RSR30-X-SPU10

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 IP 192.168.1.1 255.255.255.0 WEB admin admin Windows XP

WEB

WEB	
WEB	, IP 192.168.1.1
WEB	admin admin

RSR10-X Slot1/0~Slot1/3;

RSR20-X Slot1/0~Slot1/23;

Slot1/0 Slot1/0

PC PC Slot1/0 PC

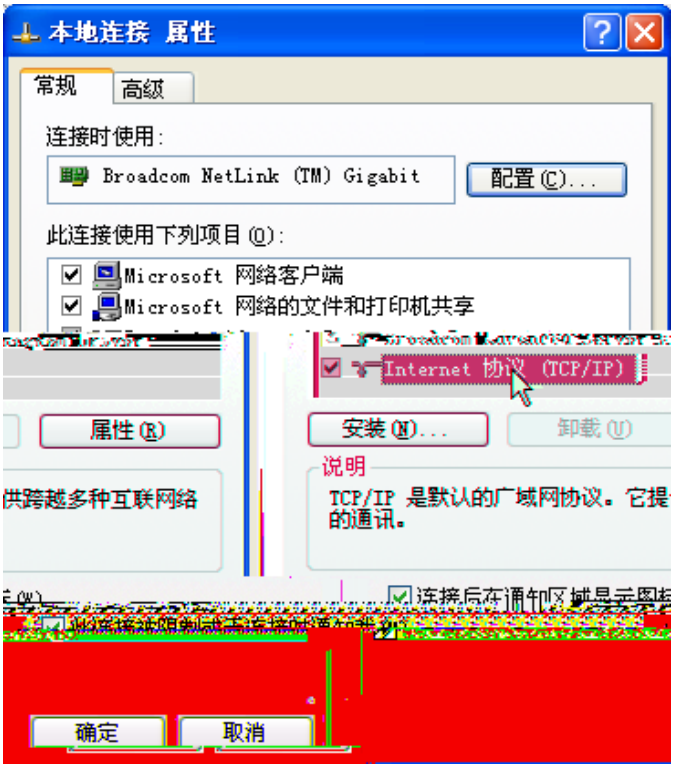
PC IP

PC

1-1

” ” ” ” ” Internet TCP/IP ”

1-2

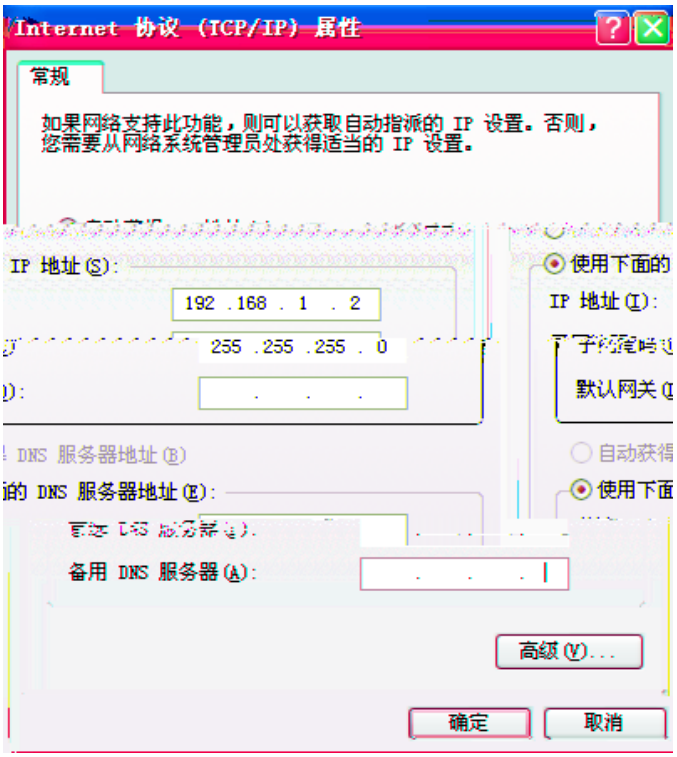


“ ” PC IP

“ Internet TCP/IP ” “ IP ” “ IP ” 192.168.1.xxx xxx

2 254 “ ” 255.255.255.0 “ ” 192.168.1.1 IP

1-3



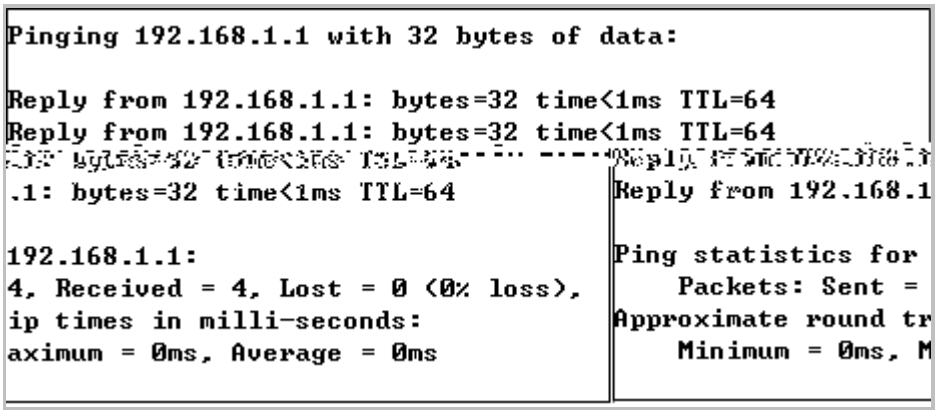
IP 192.168.1.1 PC IP 1, “ ”

PC

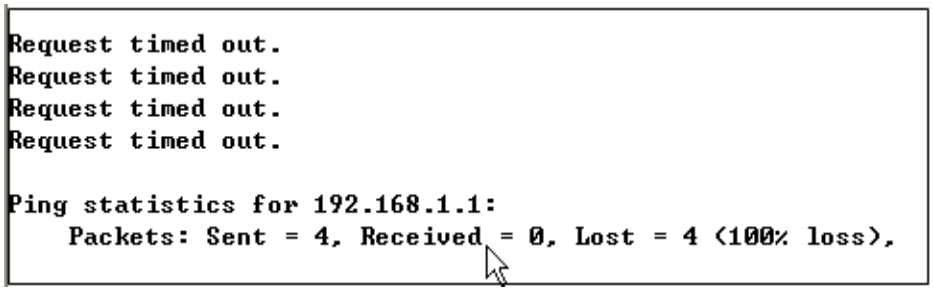
PC “ ” -> “ ” -> “ cmd ” ->" "

ping ping 192.168.1.1

1-4



1-5



PC

TCP/IP

1.2.3 WEB

WEB WEB

1) Slot1/0

2) IE 7.0

3) IP IP 192.168.1.xxx xxx 2 254
255.255.255.0 192.168.1.1

IE http://192.168.1.1 RSR WEB 1-6

WEB IE10+ Apple Safari Firefox3.0

1-6

admin/admin WEB , 1-7

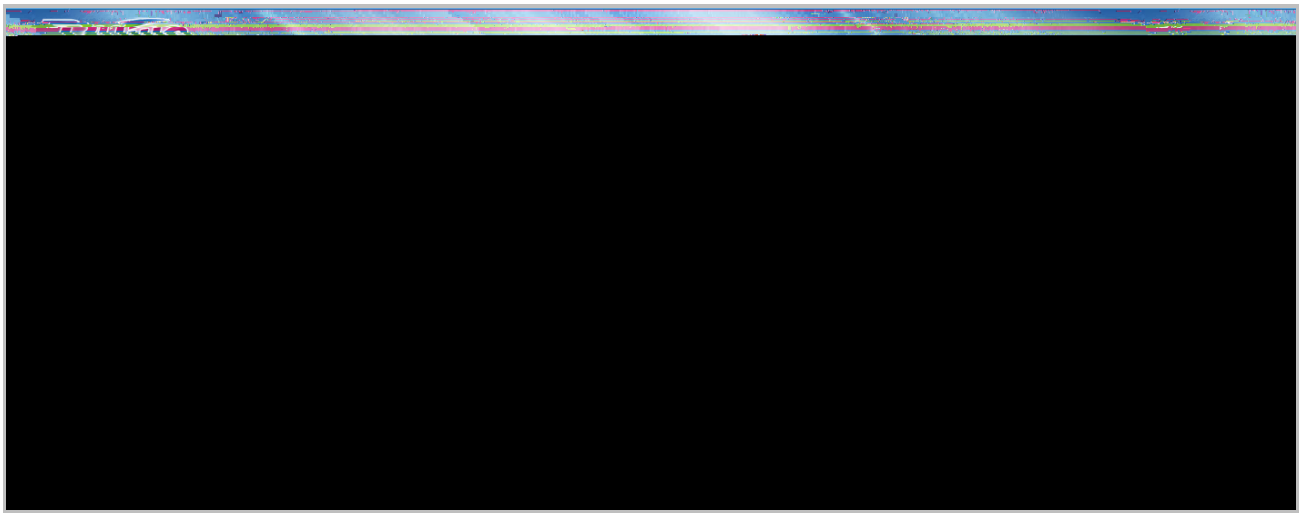
1-7:

1.2.4 WEB

1.2.4.1

RSR WEB 1-8

1-8 WEB



1-8WEB

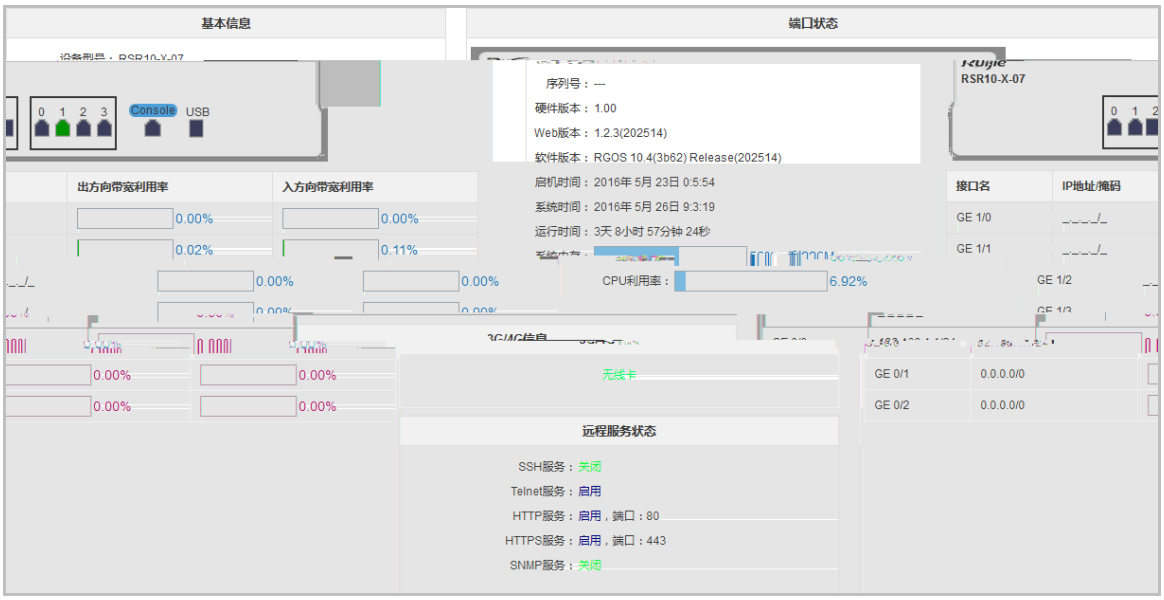
1.3

1.3.1

WEB

CPU

1-9

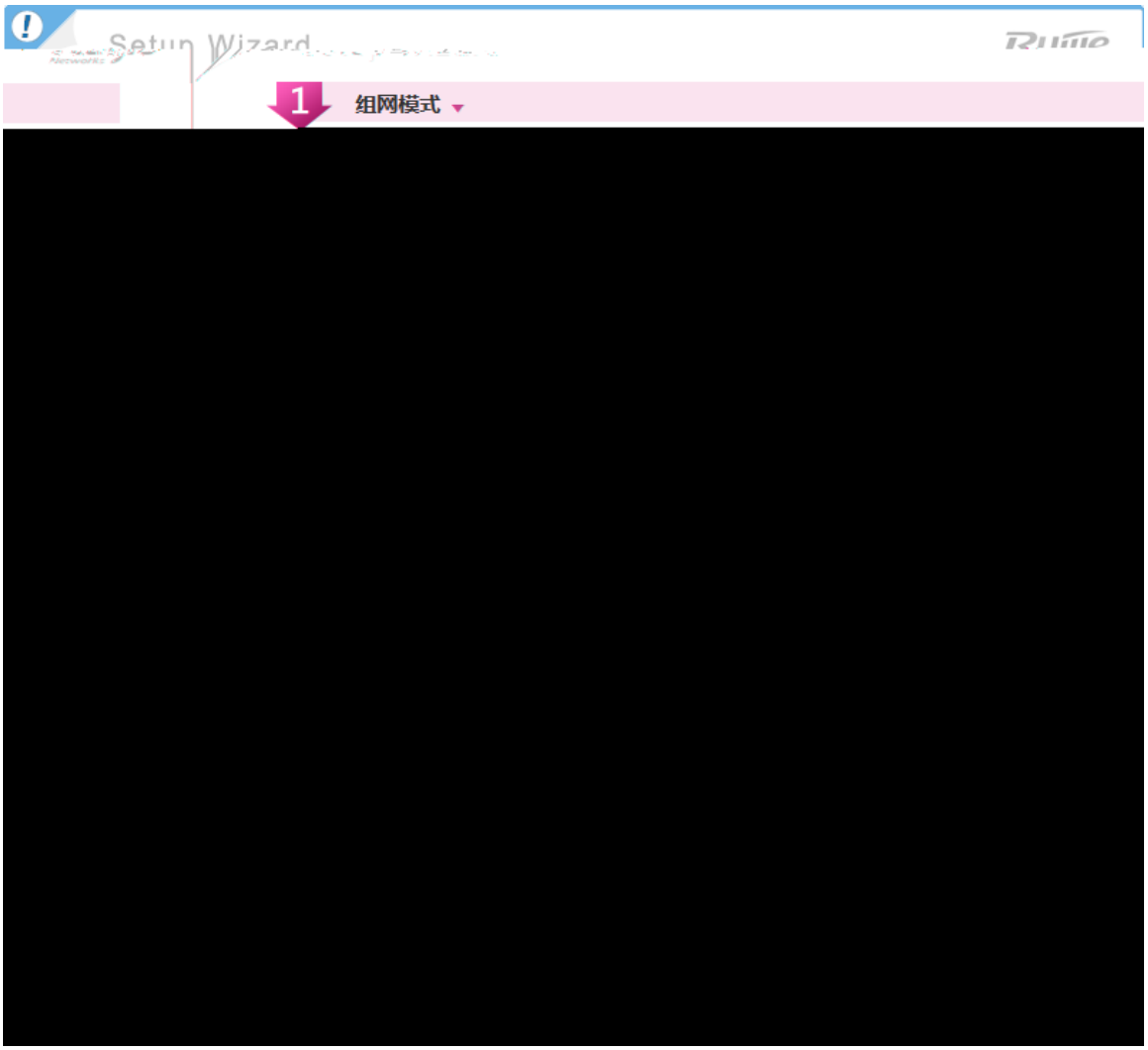


1.3.2

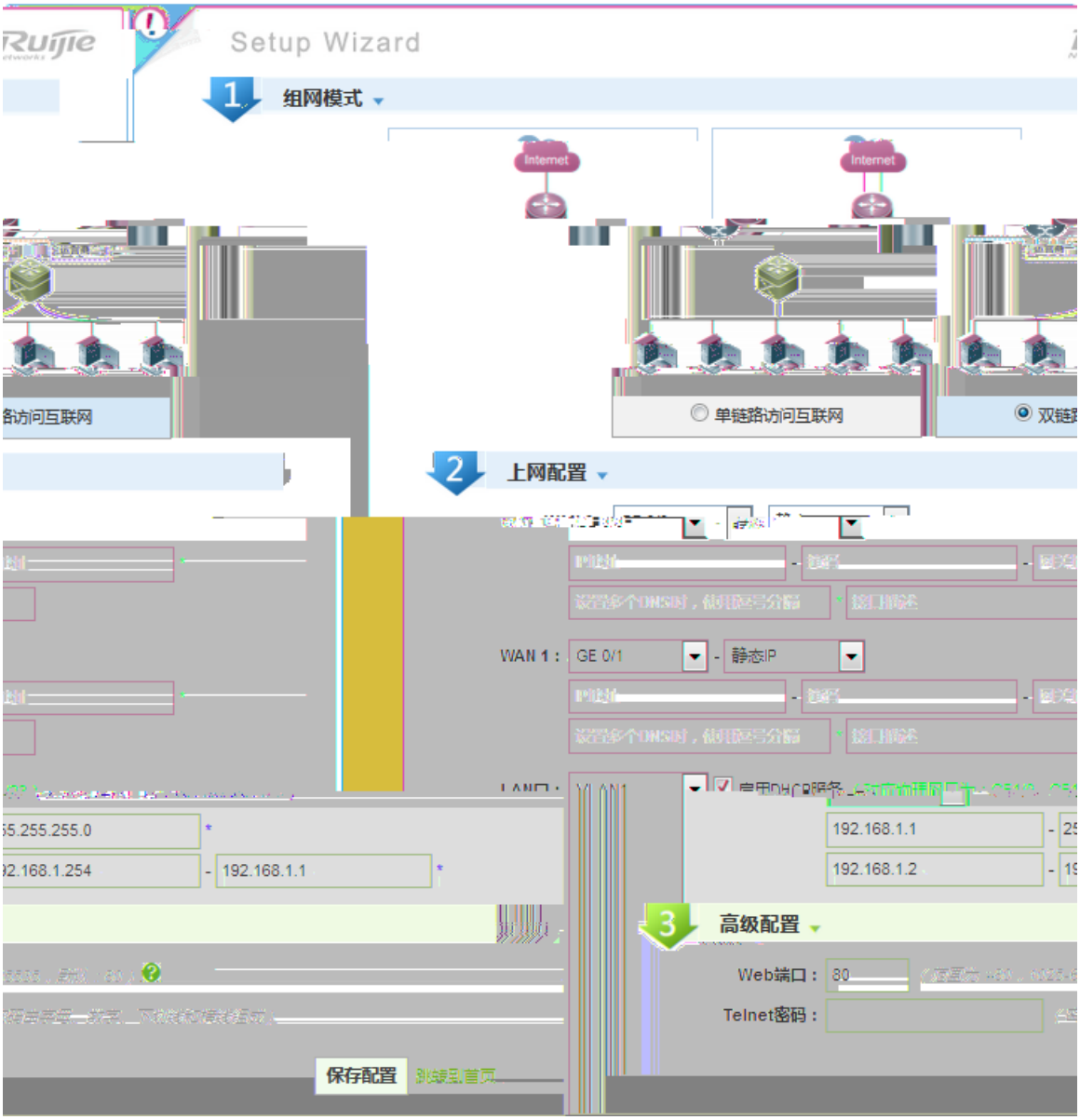
Web

IP /Mask PPPoE(ADSL)

1-10



+



IP /

DNS 1-2 DNS DNS

DHCP IP PC IP
IP

IP / IP

IP IP

LAN IP

1.3.3

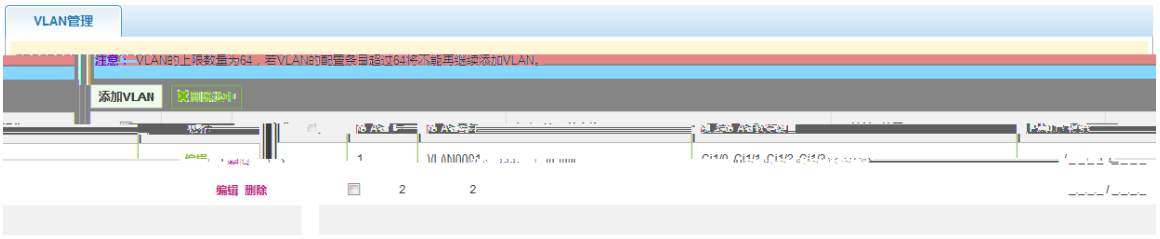
ADSL DHCP IP IP 3G CE1
IP VLAN VLAN

1.3.3.1 VLAN

VLAN Virtual Local Area Network " " vlan
VLAN vlan vlan
IP IP

PPPoE ADSL PPPoE(ADSL)

1-12



1.3.3.2

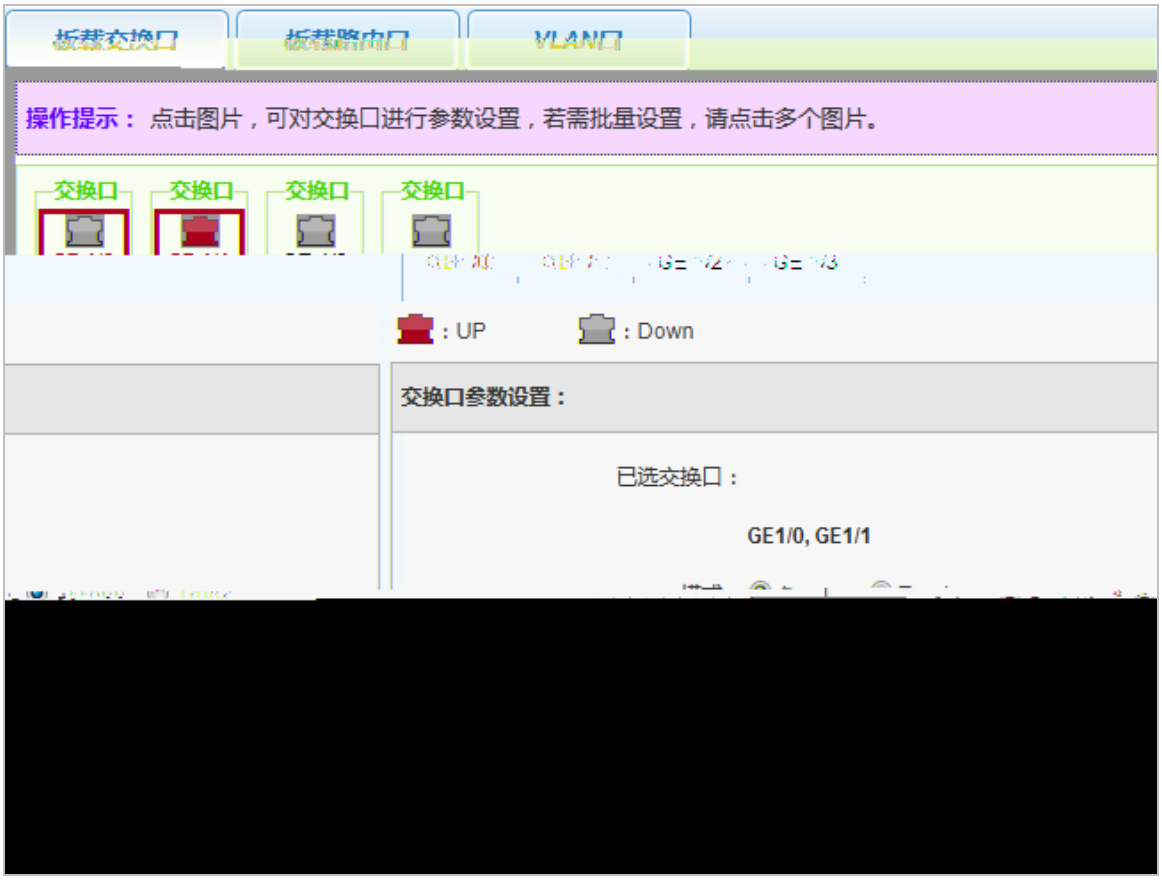
VLAN

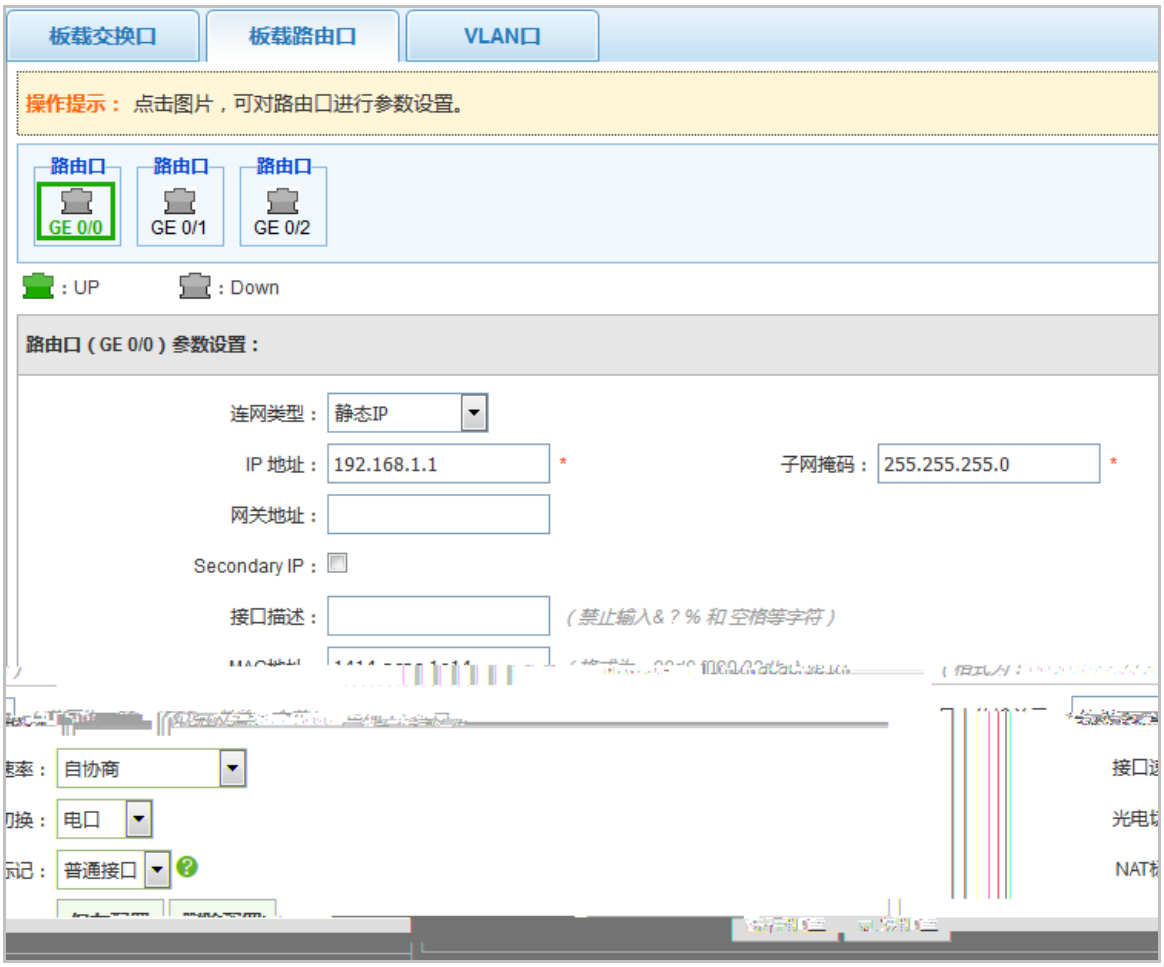
VLAN ID Trunk PC
Access
down up

TRUNK VLAN VLAN

ACCESS VLAN VLAN PC

NAT
up
down IP PPPoE IP

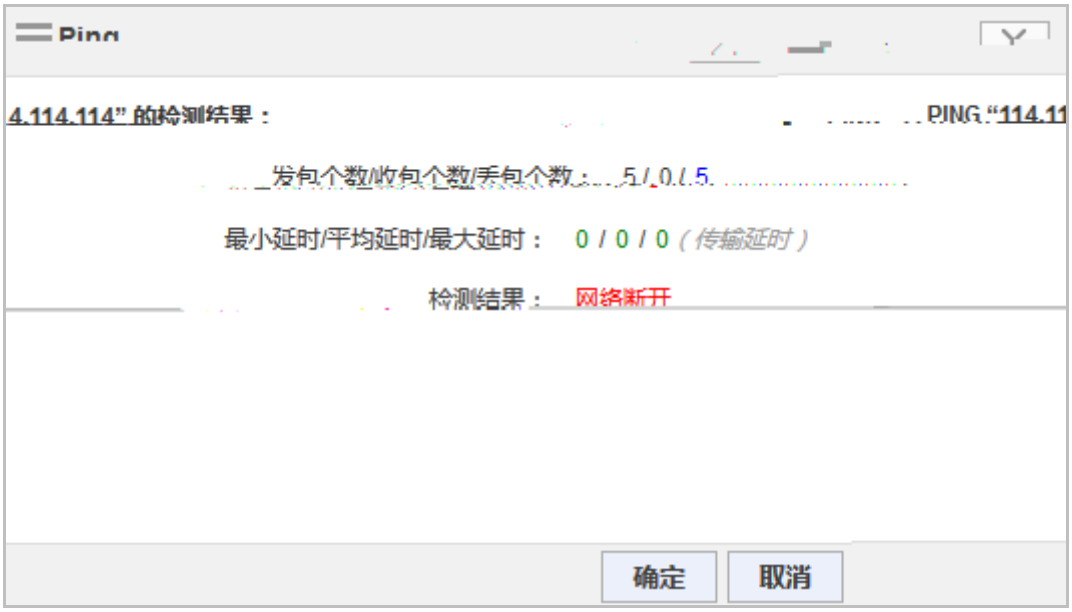

板载交换口
板载路由口
VLAN口
操作提示： 点击图片，可对交换口进行参数设置，若需批量设置，请点击多个图片。
交换口
交换口
交换口
交换口
: UP
: Down
交换口参数设置：
已选交换口：
GE1/0, GE1/1


板载交换口
板载路由口
VLAN口
操作提示： 点击图片，可对路由口进行参数设置。
路由口
GE 0/0
路由口
GE 0/1
路由口
GE 0/2
: UP
: Down
路由口 (GE 0/0) 参数设置：
连网类型： 静态IP
IP 地址： 192.168.1.1
子网掩码： 255.255.255.0
网关地址：
Secondary IP：
接口描述：
（禁止输入& ? % 和 空格等字符）
速率： 自协商
切换： 电口
标记： 普通接口

1-15

1-21

1-22



1.3.3.5 DHCP

Dynamic Host Configuration Protocol, DHCP DHCP

IP DHCP IP IP IP

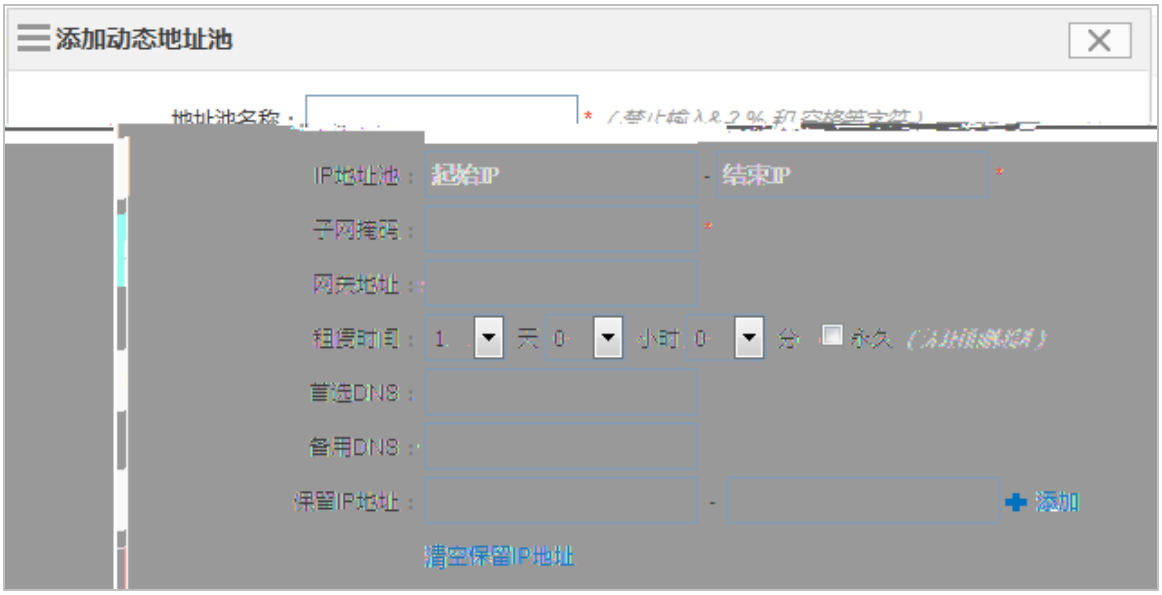
DHCP

DHCP DHCP

1-23

DNS LAN

1-24



IP IP IP

DHCP

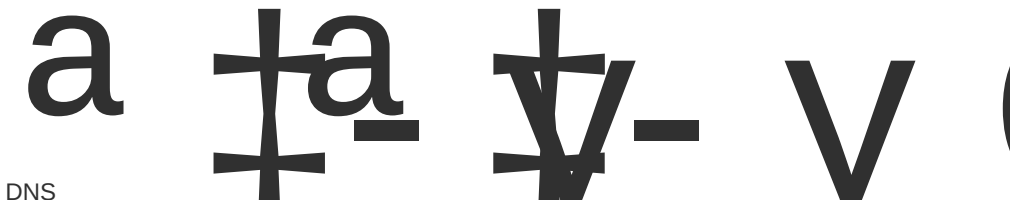
DNS DNS

DNS DNS

IP DHCP ip

MAC IP

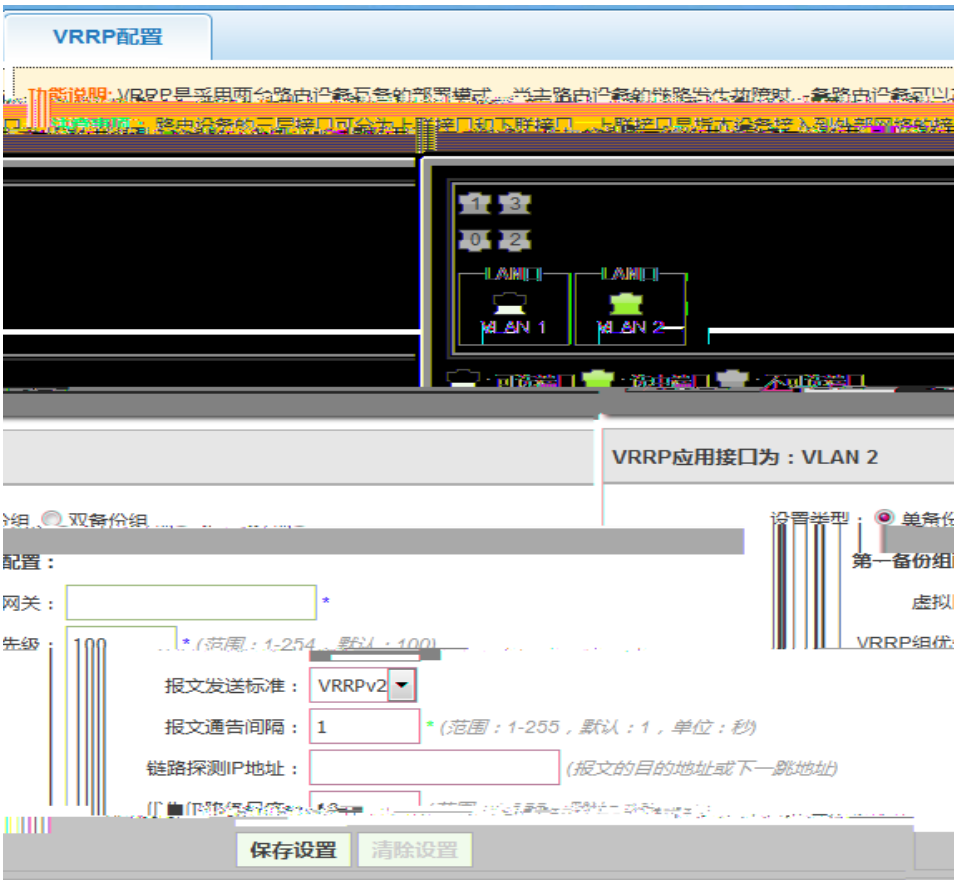
1-25



DNS

DHCP服务
防非法DHCP服务
客户端列表
DHCP Snooping：启用
Bootp报文转发：启用
校验源MAC地址：启用
禁用DHCP Snooping的VLAN：
（例如：1,3-5,7,9-11）
DHCP Snooping 数据写入Flash：
实时写入
*（范围为:600-86400，单位：秒）
DHCP请求报文加入Option82选项：
禁用
自定义字符
*
保存配置
删除配置
VLAN to VLAN
VLAN to Circuit ID
交换口
禁止DHCP请求报文
IP或者IP+MAC检测

IP

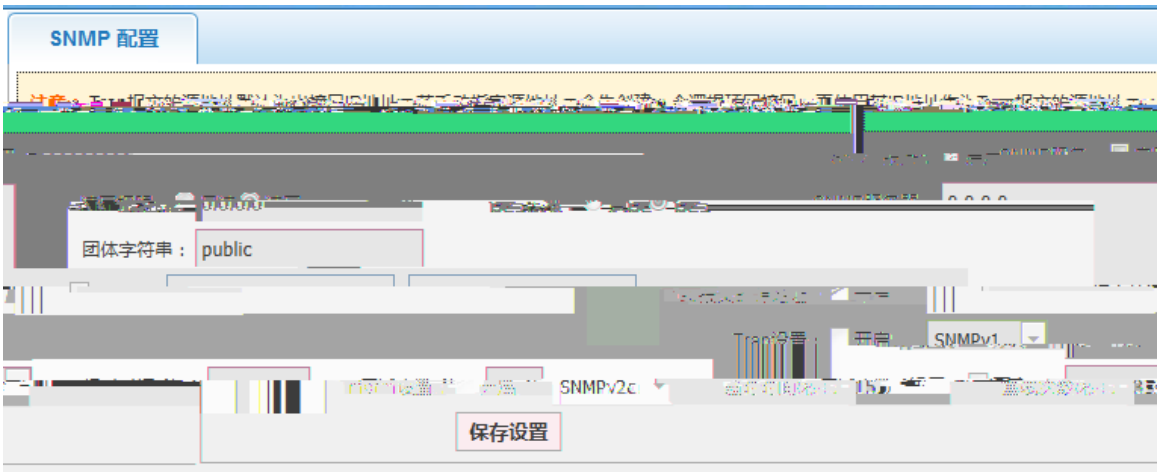


1.3.3.7 SNMP

SNMP Simple Network Management Protocol SNMP

SNMP

1-29



1.3.4

1.3.4.1

1-30

➢

IP

IP

IP

“1”

0.0.0.0

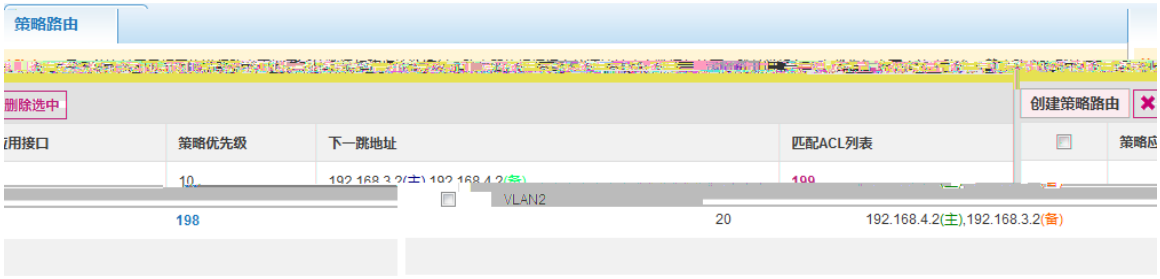
1-31

1.3.4.2

PBR Policy-Based Routing

IP

1-32



➢

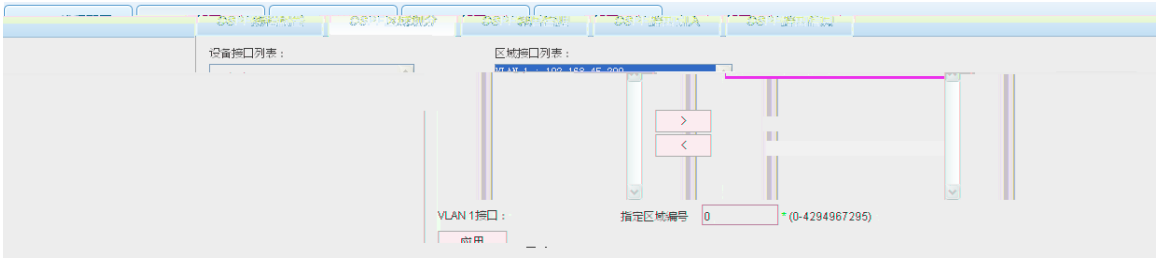
ACL ACL

IP

VLAN

OSPF

1-35



OSPF

1-38

1.3.4.4 RIP

RIP(Routing information Protocol) (Interior Gateway Protocol, IGP)
(distance-vector) RIP UDP
15

WEB RIPv2 RIP RIP WEB
RIP IP
RIP

IP RIP

RIP

RIP

RIP

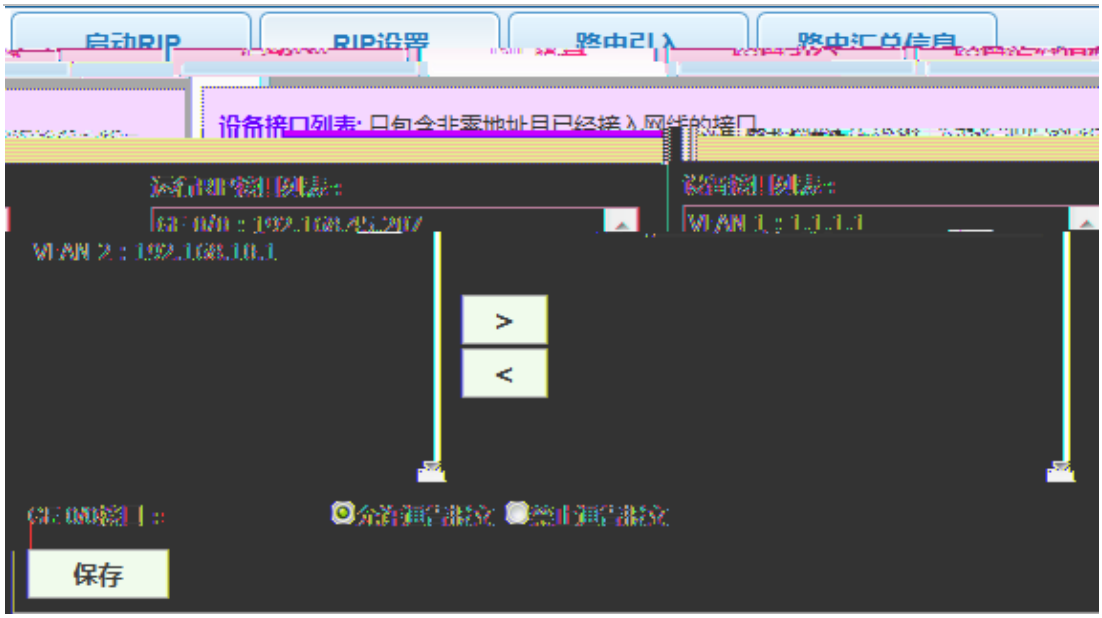
1-39

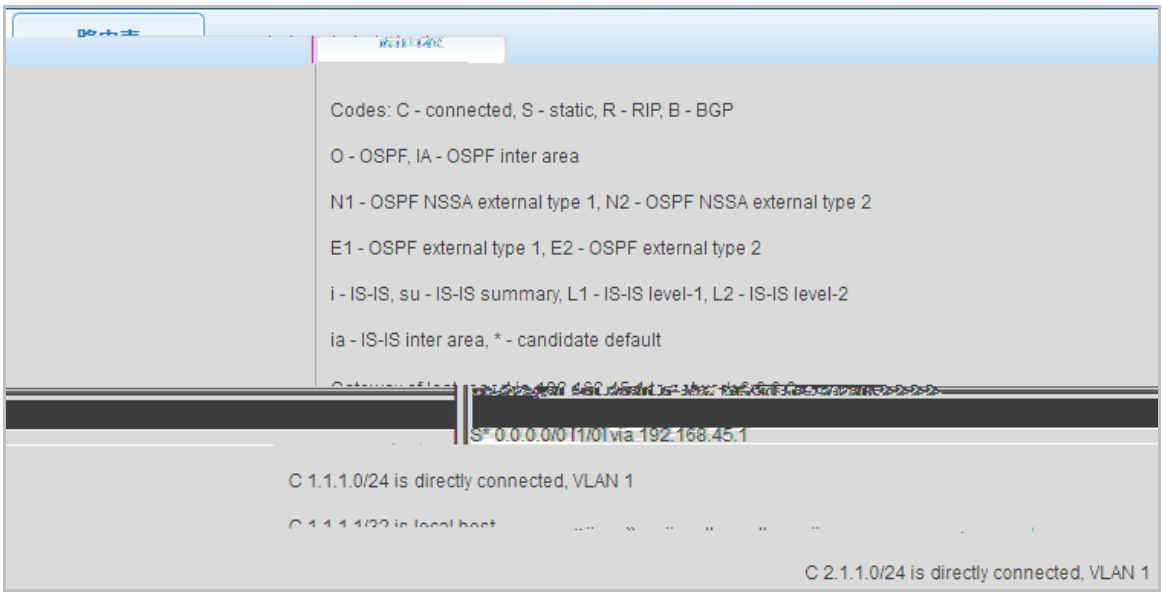
RIP

VLAN

RIP RIP

1-40





1.3.5

1.3.5.1 VPN

VPN “Virtual Private Network” “ ”
VPN

VPDN

vpdn vpdn

1-44

VPDN

VPDN VPDN VPDN L2TP

1-45

VPDN

VPDN

VPDN

IP

vpdn

VPDN

VPDN VPDN VPDN VPN
PPTP L2TP

VPDN IP

PPTP L2TP

vpdn vpdn

1-46

1.3.5.2 GRE

GRE GRE

GRE

GRE

1-47

IPSec

ipsec

IP IPSec IP 6 IP

IPSec

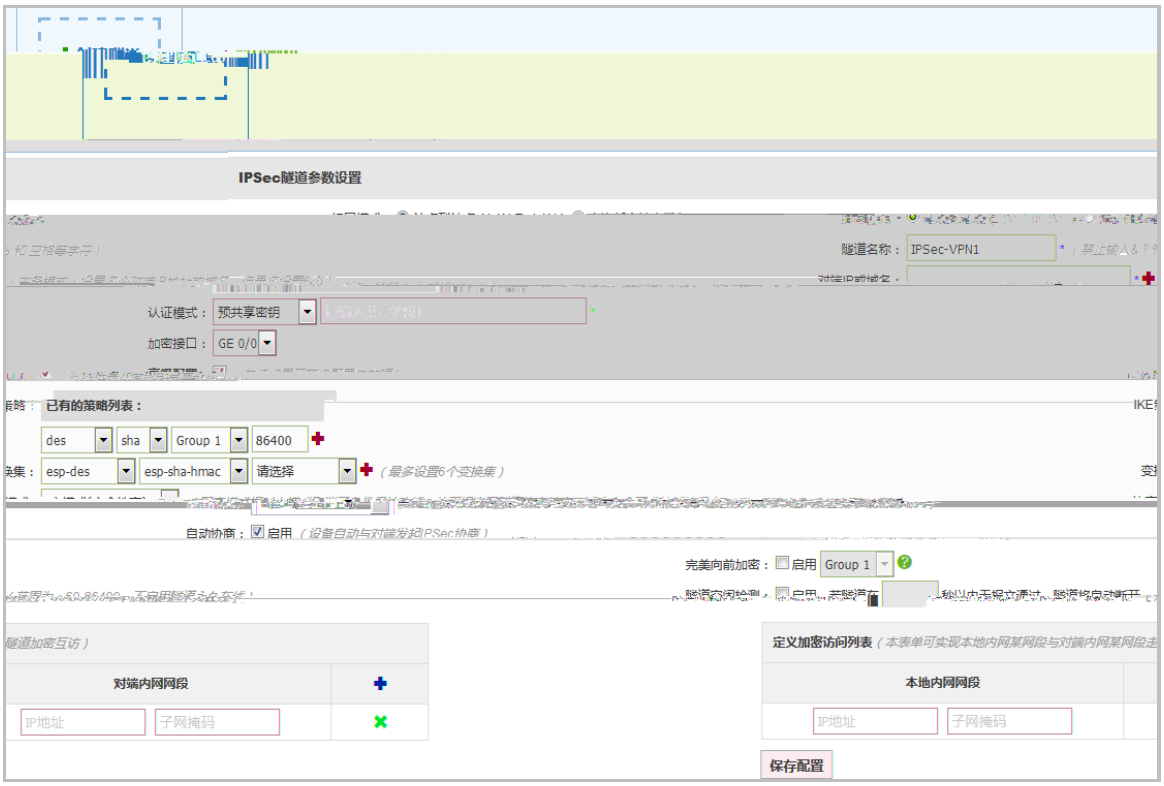
VPN

IKE IKE

DES 3DES AES SM1 SHA MD5

ESP-DES ESP-3DES ESP-3DES ESP-SHA-HMAC ESP-3DES ESP-MD5-HMAC ESP-DES ESP-SHA-HMAC ESP-DES ESP-MD5-HMAC

1-49



IPSec

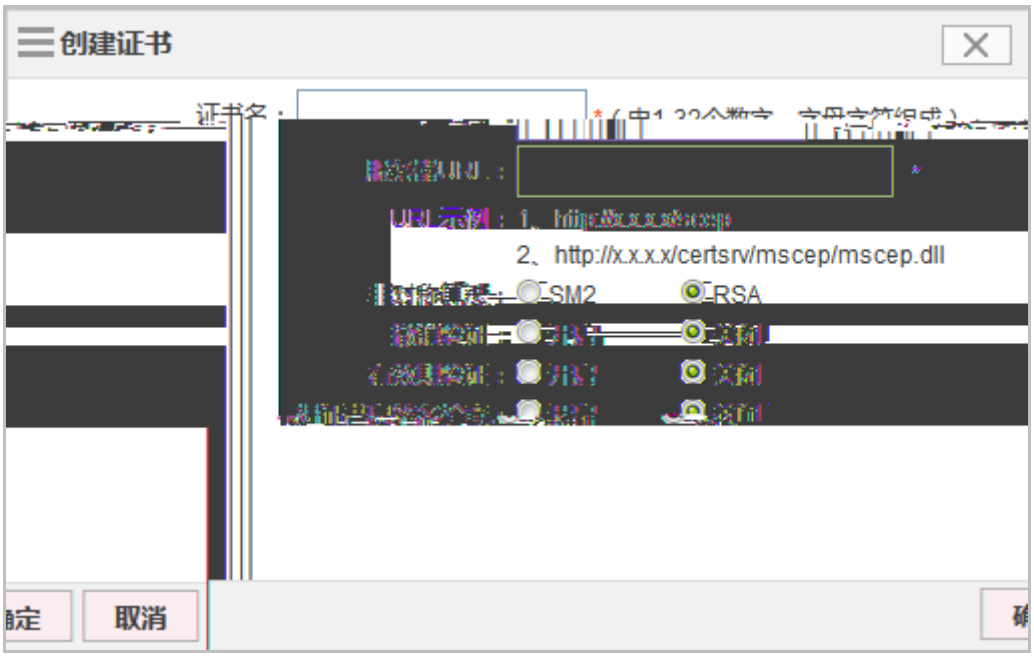
ipsec

1-50

1.3.6

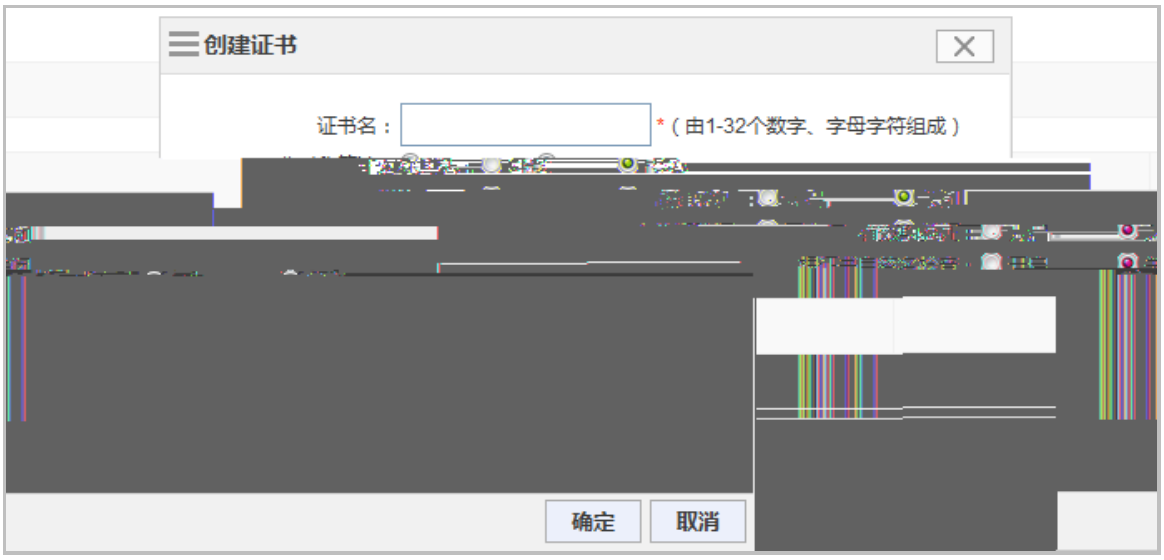
1.3.6.1

1-51



1.3.6.2

1-52



1.3.7 AAA

AAA Authentication Authorization and Accounting

AAA

RADIUS TACACS+ Local

AAA

AAA

WEB AAA RADIUS

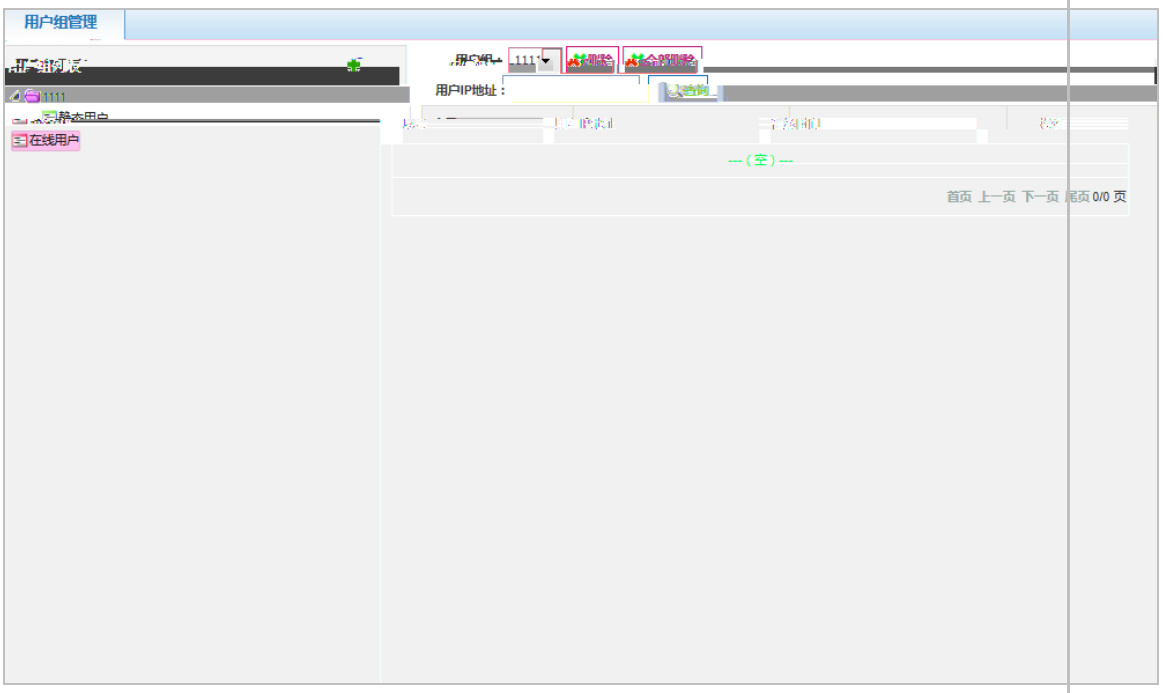
1-53

RADIUS设置
RADIUS认证： 启用
首选RADIUS服务器
服务器IP地址： 0.0.0.0 *
验证口令： (可选)
认证端口号： 1812 (可选)
备用RADIUS服务器
服务器IP地址： 0.0.0.0 (可选)
认证端口号： 1812 (可选)
RADIUS认证业务列表
Login： 启用， 认证方式： 本地认证
PPP： 启用， 认证方式： 服务器认证
Web 认证： 启用
保存

1.3.8.1

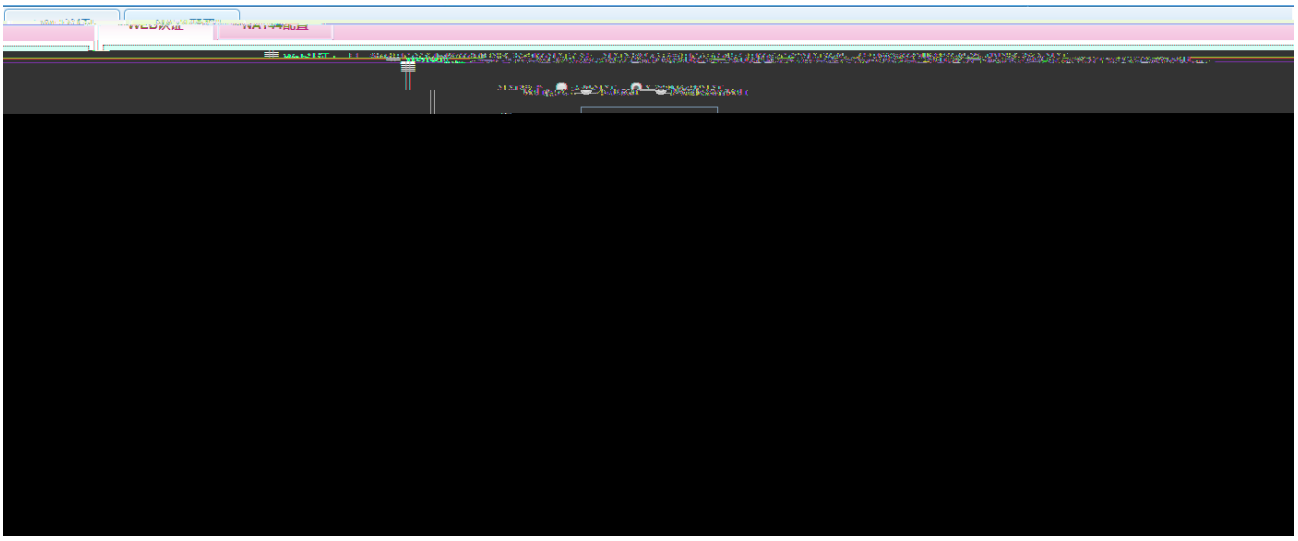
IP

1-54



1.3.8.2

IP



IP IP

SMP

SMP

SNMP SNMP IP

IP+MAC MAC

SAT SAT

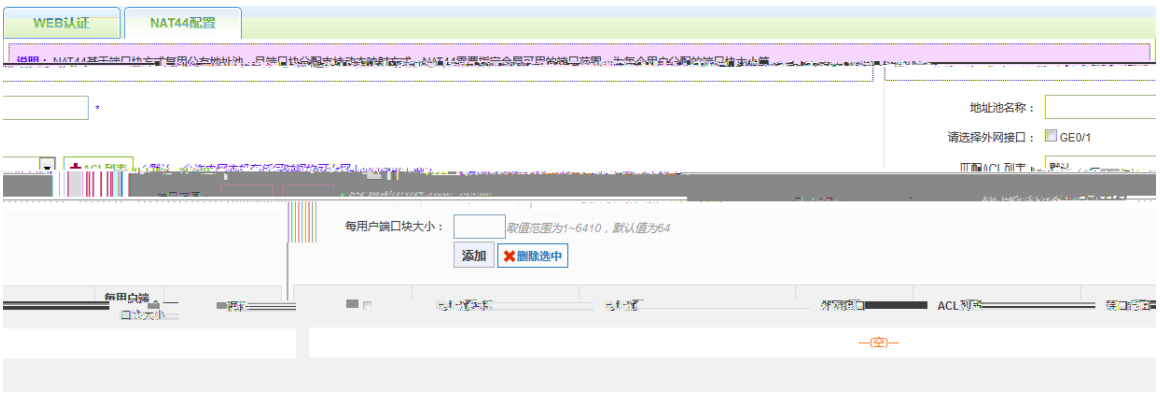
NAT44

NAT44 NAT NAT44

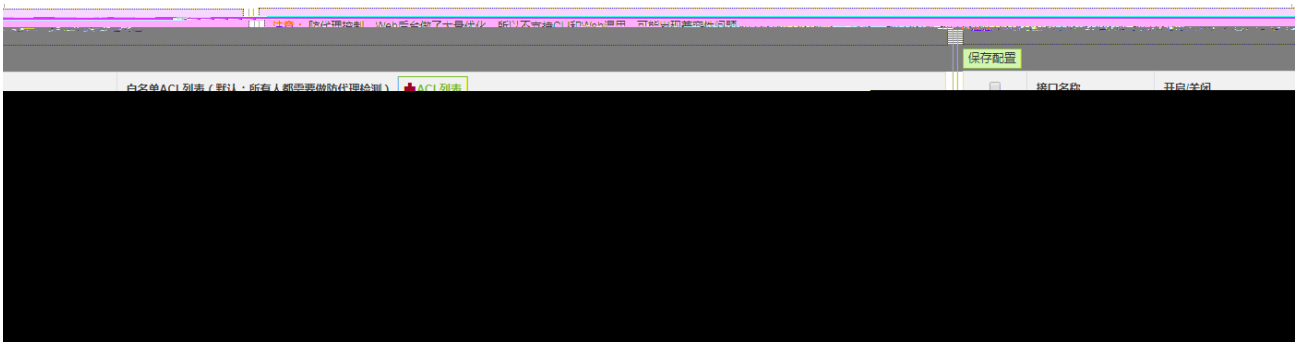
NAT44 NAT44 -

- RLOG

1-59



1-62



1.3.9

1.3.9.1

ARP ARP

ARP “ ARP ” ARP ARP
10 ARP

DoS DoS DoS/DDoS IP

SYN Flood

WEB WEB 80 WEB WEB

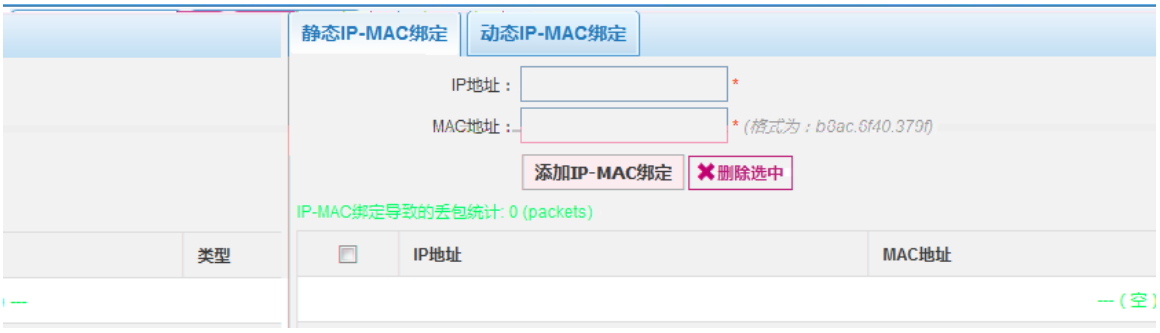
1-63

1.3.9.2 IP-MAC

IP-MAC

IP-MAC IP-MAC IP MAC IP-MAC
ARP IP-MAC
IP-MAC

1-64



IP MAC IP

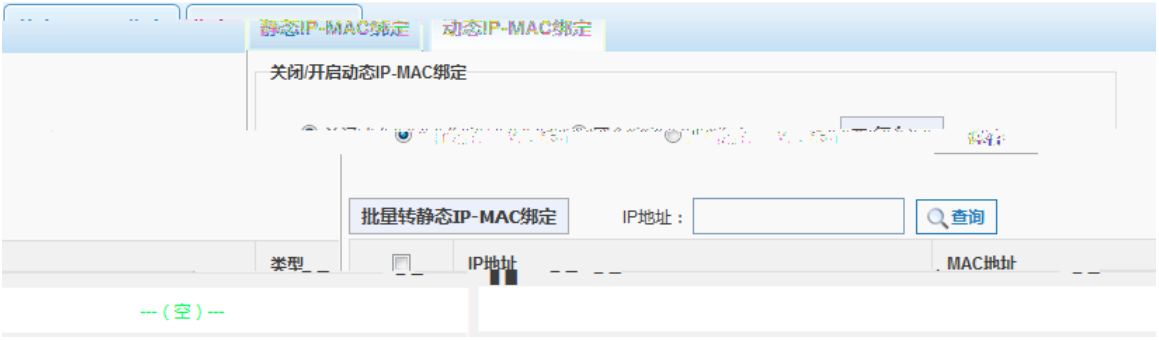
MAC IP MAC

IP-MAC

IP-MAC ARP IP-MAC

“ IP-MAC ” IP-MAC

1-65

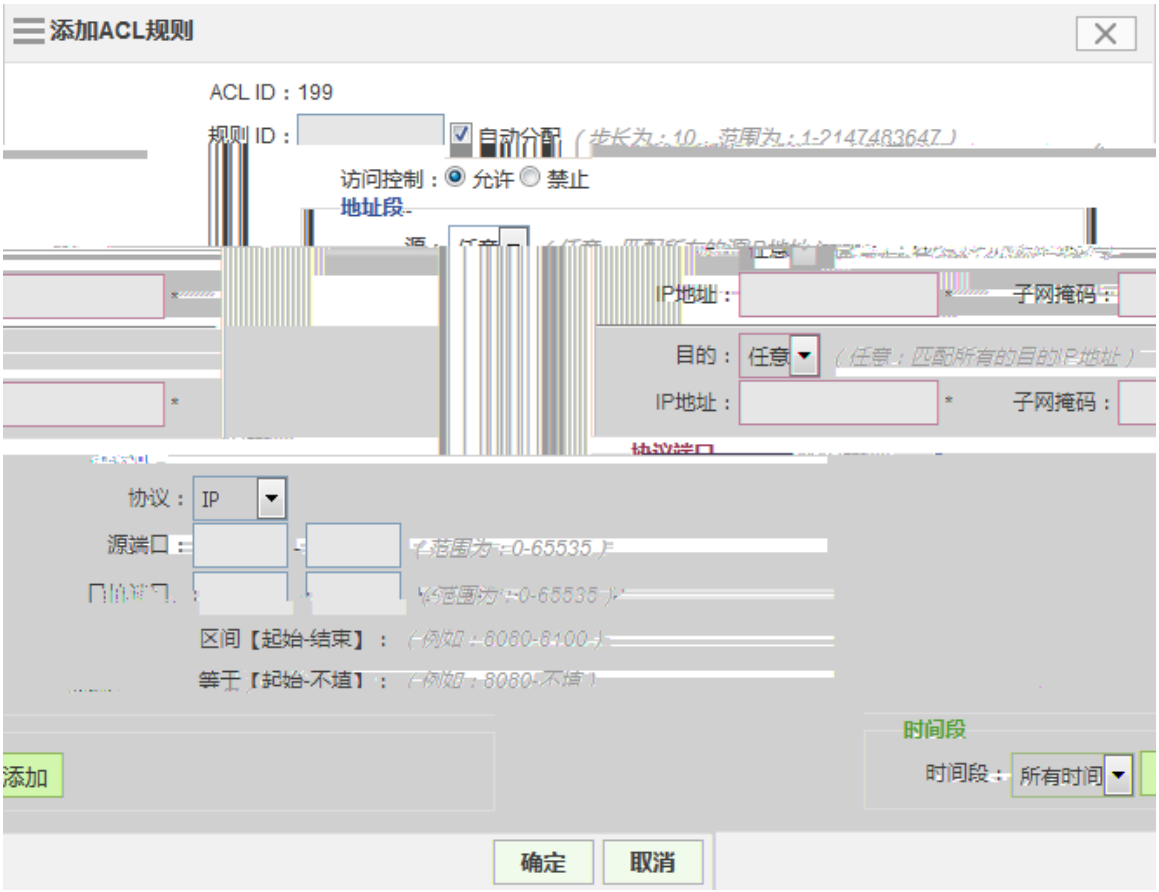


1.3.9.3

ACL

1-66

1-68

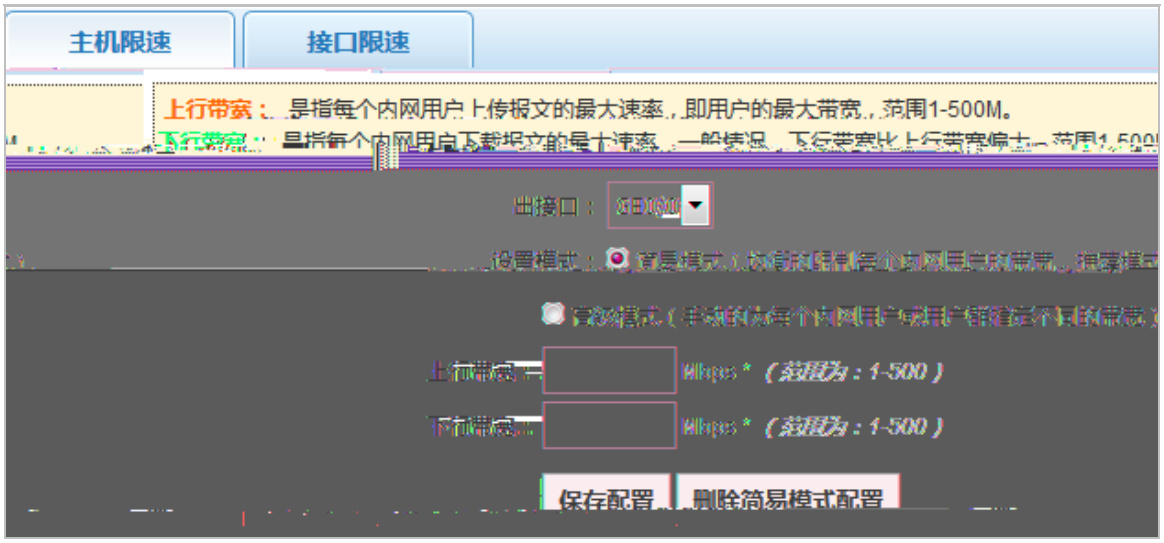


1.3.10

1.3.10.1

icmp flood　　udp flood

1-69


主机限速
接口限速
上行带宽：是指每个内网用户上传报文的最大速率，即用户的最大带宽，范围1-500M。
出接口：
设置模式：
Mbps*（范围为：1-500）
Mbps*（范围为：1-500）
保存配置
删除简易模式配置

WEB

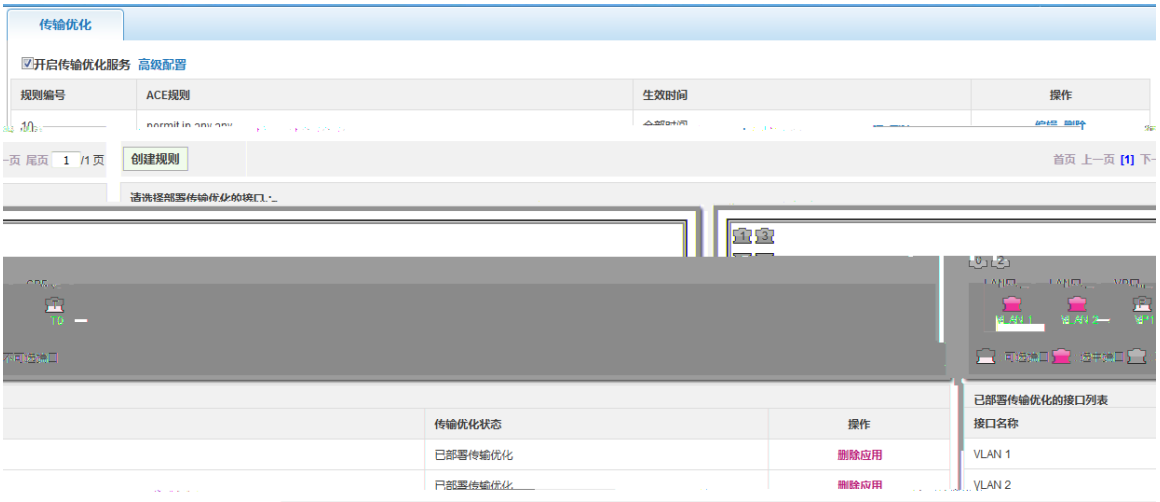
IP

1.3.10.2

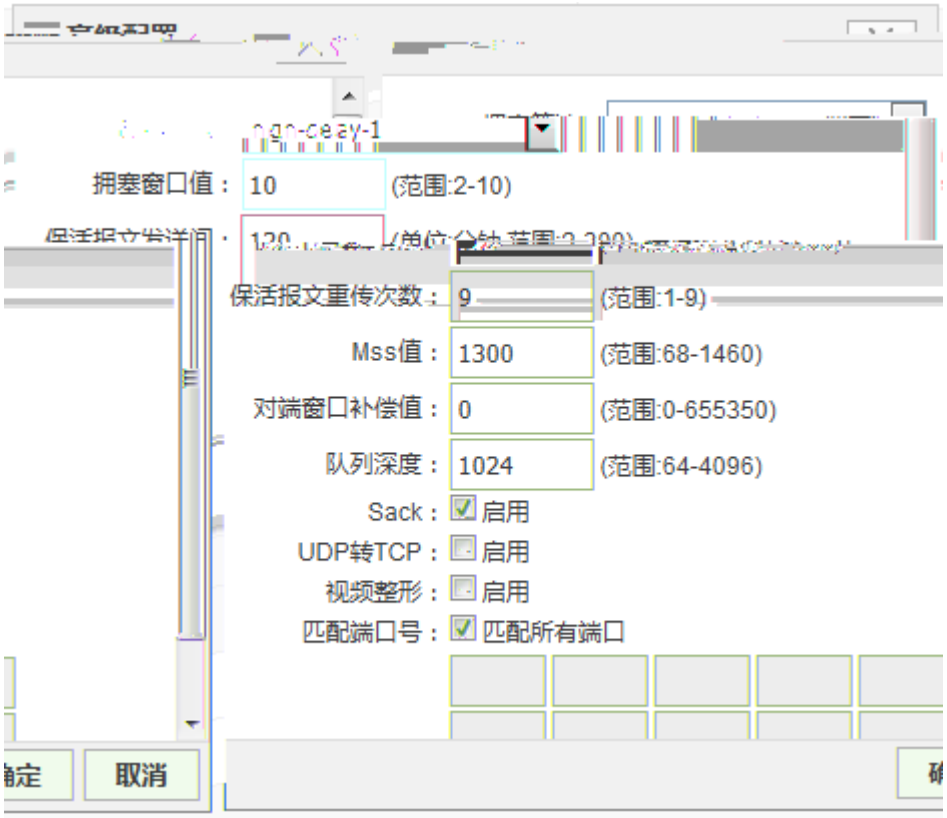
IP

1.3.10.3

1-73



1-74



low-bandwidth-delay

10

120

9

Mss MSS 1420

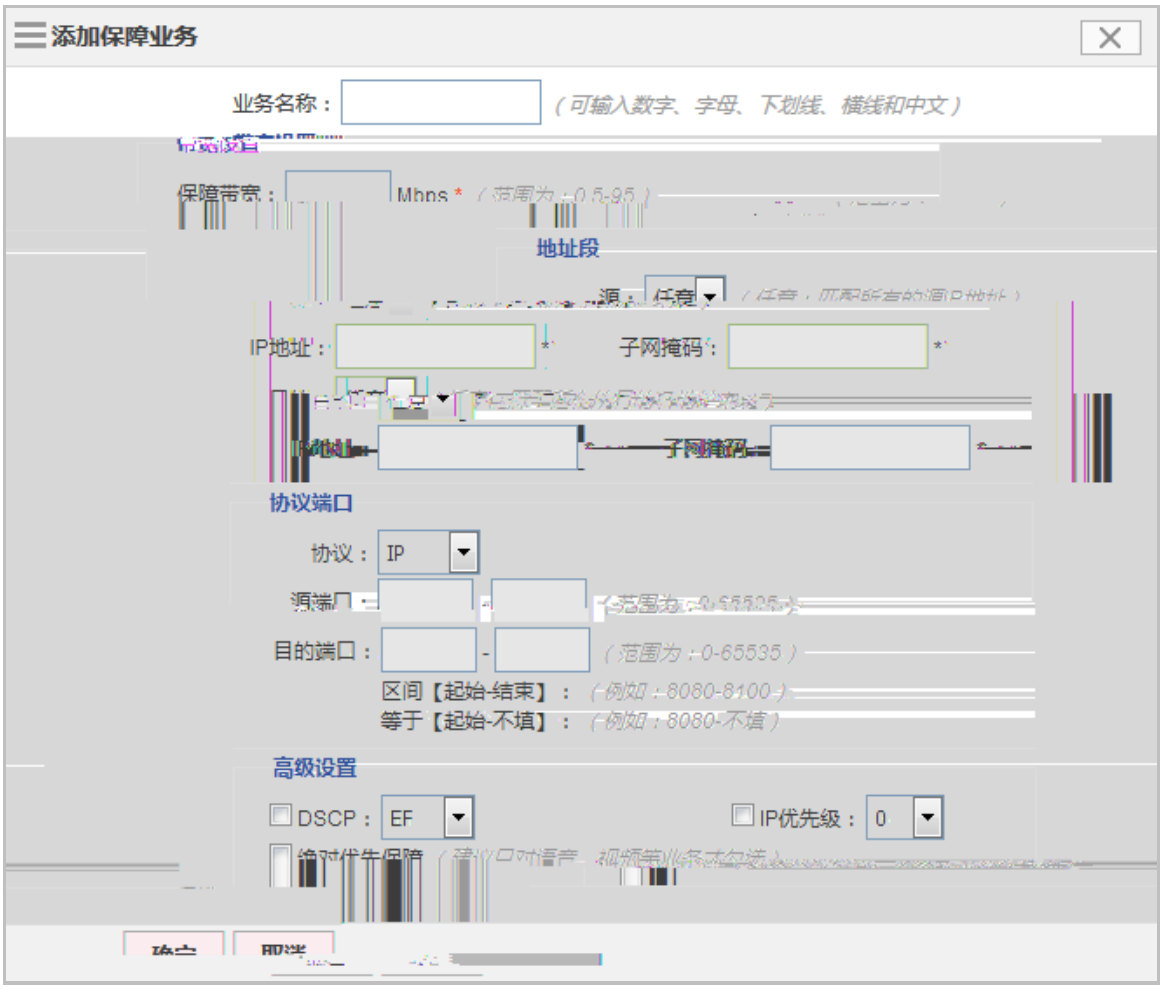
0

1024

Sack

1.307076054D0A6D0Tj EMC /TT1 1 Tf S177 0 Td <TT30 Td <0379>Tj <03 BT4/MCID 5 >>BD003 Tw 11..04

1-76



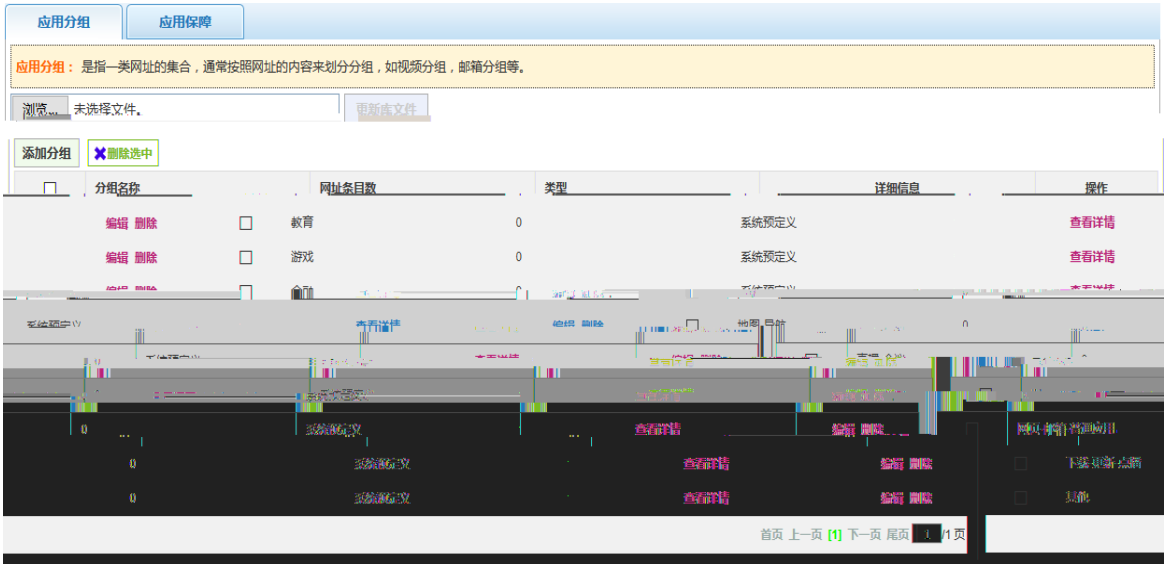
WEB

IP IP

1.3.10.5

Web url

1-78



1-79

1.3.11.3

SSH Telnet HTTP HTTPS

web telnet&ssh

1-82

1-83

1-84

http https web

1-85

1.3.11.4

WEB

“ ” “ ” “

” 50

WEB

1-86

" "

50

" bin " WEB " upd "

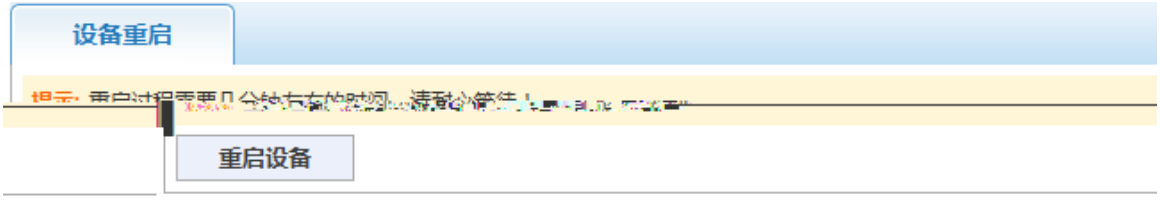
flash

1.3.11.5

" " 2

WEB WEB

1-87



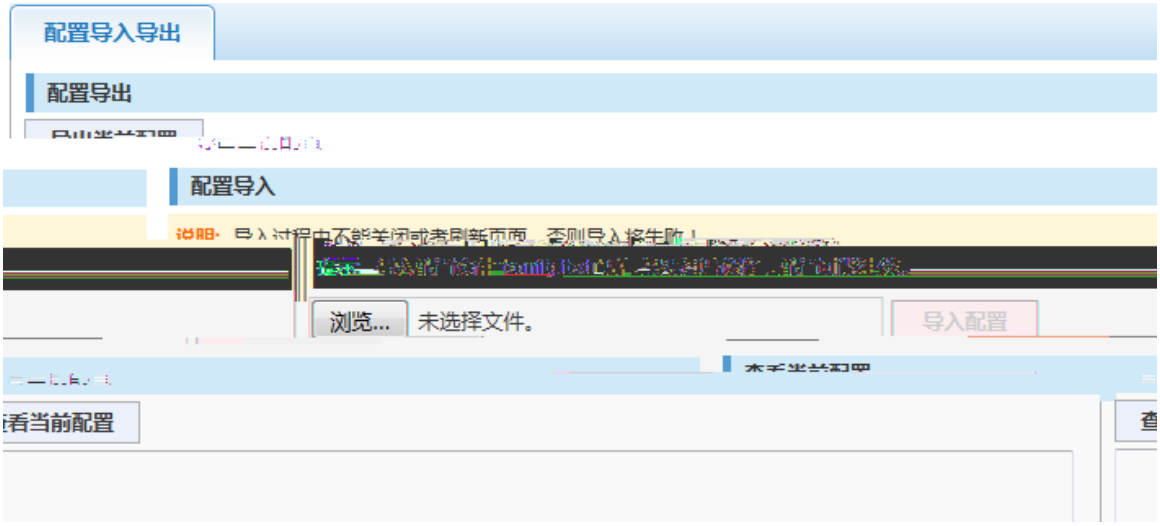
1.3.11.6

" .text "

" config.text "

“ config.text ”

1-88



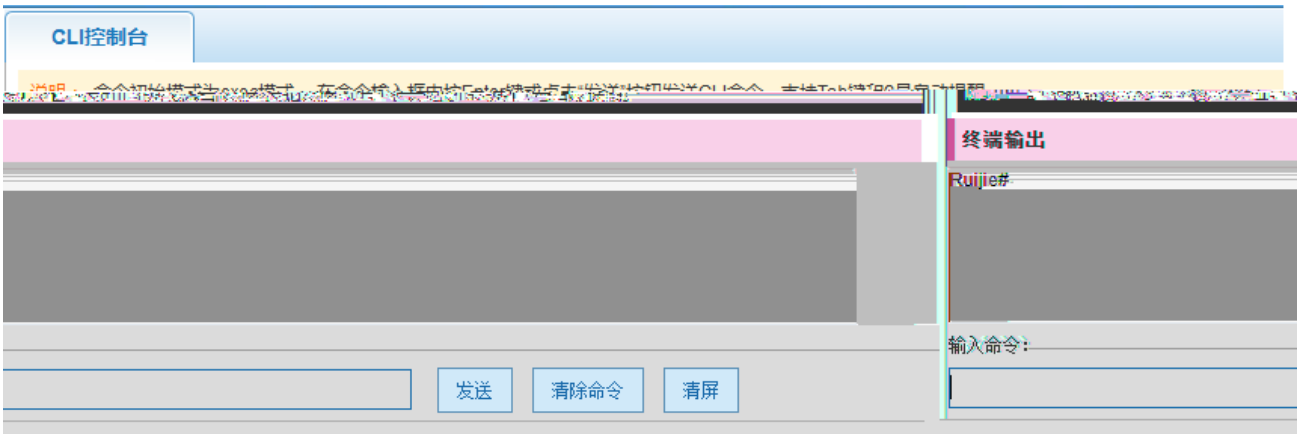
1.3.11.7

1-89

1.3.11.8 CLI

cli web cli cli
web

1-90

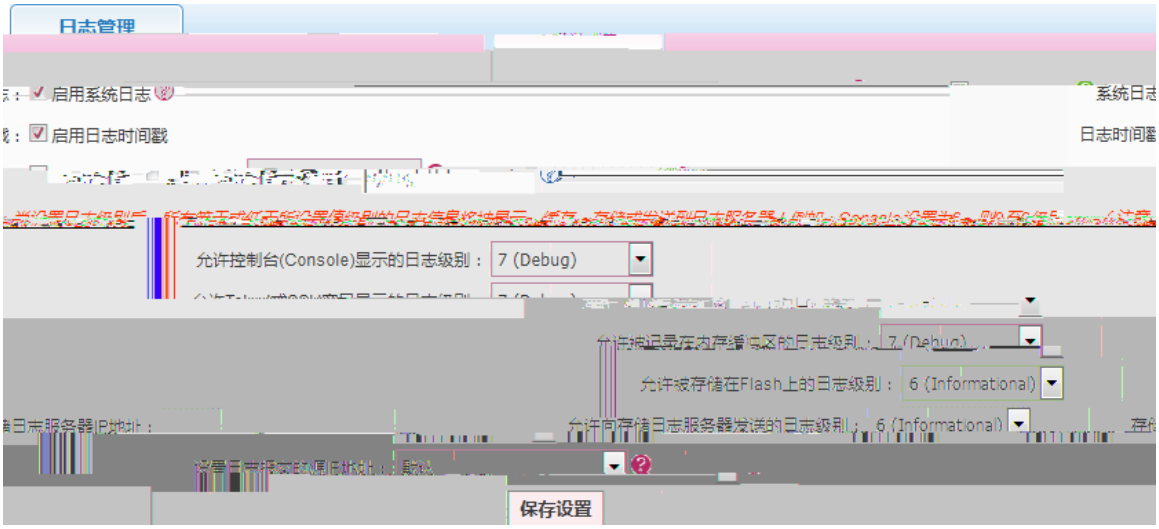


1.3.11.9

flash ,

IP

1-91



1-92

RLOG

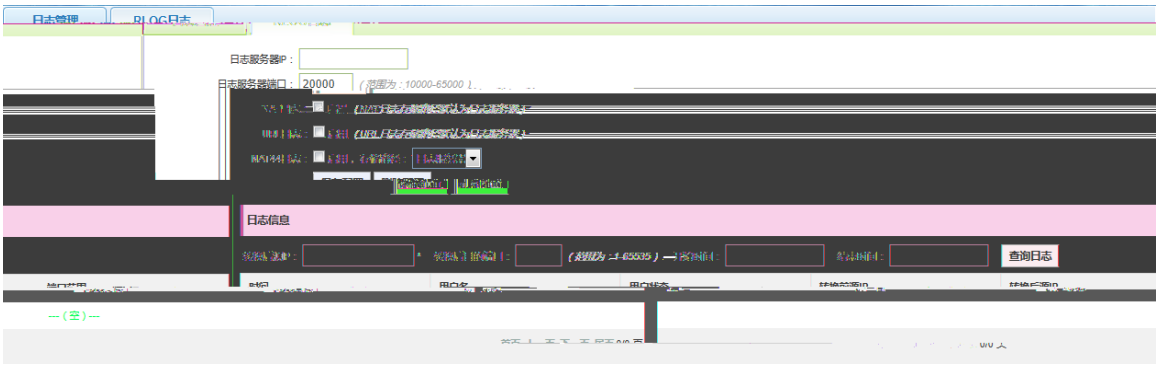
RLOG NAT URL NAT44

NAT NAT IP

URL URL IP

NAT44 USB SD

1-93

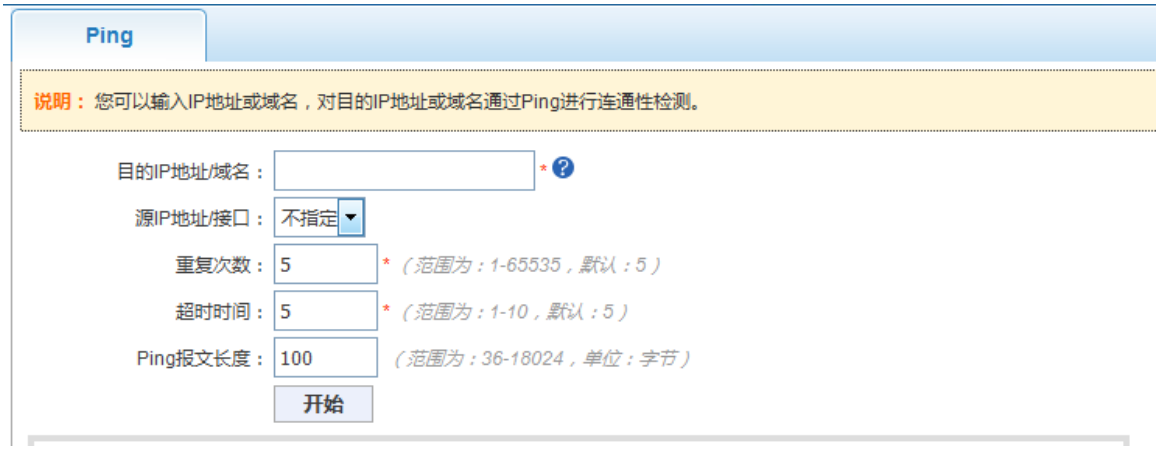


1.3.12

ping

1.3.12.1 PING

1-94

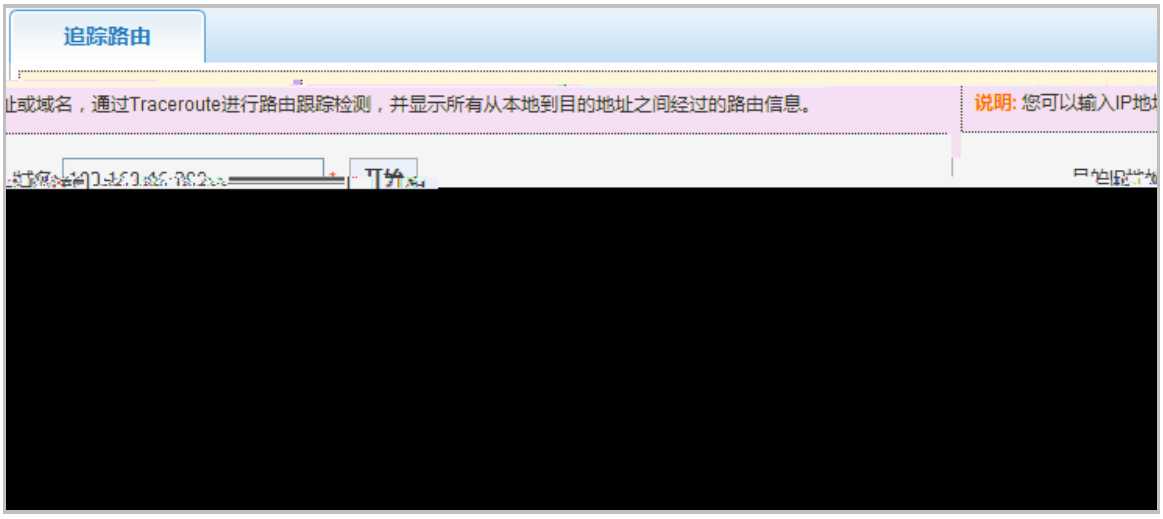


“ ” ,“ .”

1.3.12.2

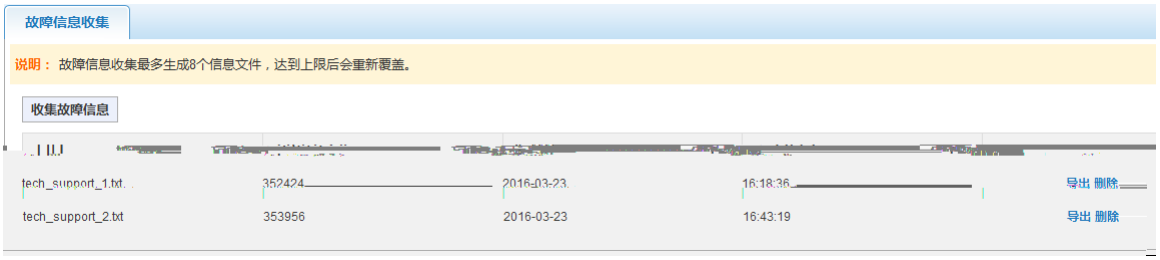
traceroute

1-95


追踪路由
止或域名，通过Traceroute进行路由跟踪检测，并显示所有从本地到目的地址之间经过的路由信息。
说明: 您可以输入IP地

1.3.12.3

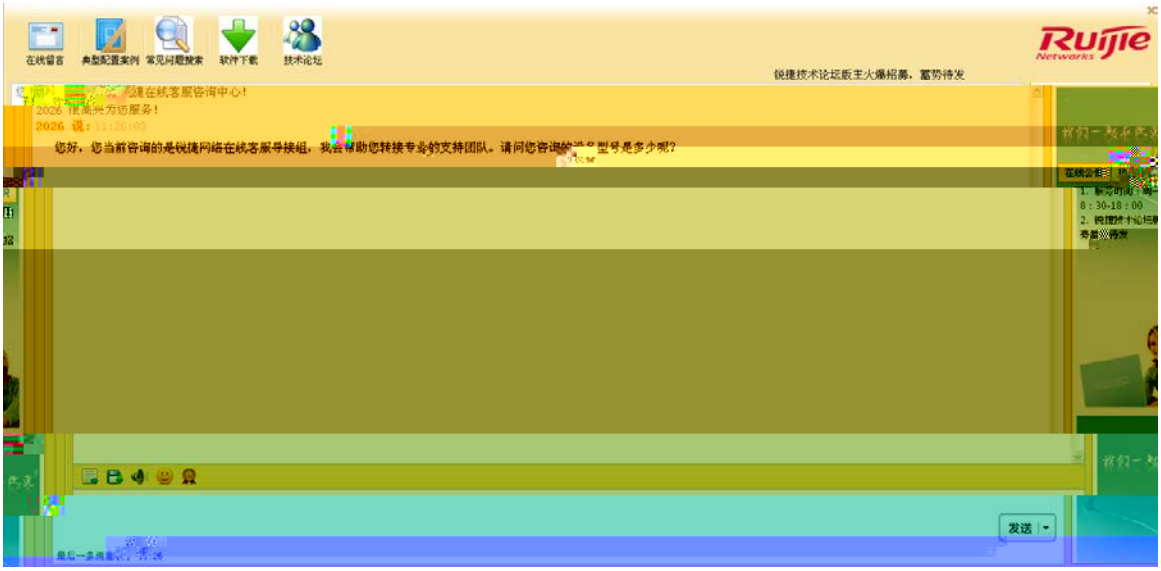
1-96


故障信息收集
说明： 故障信息收集最多生成8个信息文件，达到上限后会重新覆盖。
收集故障信息
tech_support_1.txt
352424
2016-03-23
16:18:36
导出 删除
tech_support_2.txt
353956
2016-03-23
16:43:19
导出 删除

1.4

1-98 WEB

1-99



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

1.4.2

“ ” http://support.ruijie.com.cn

4008-111-000 WEB WEB

1-100

1.5

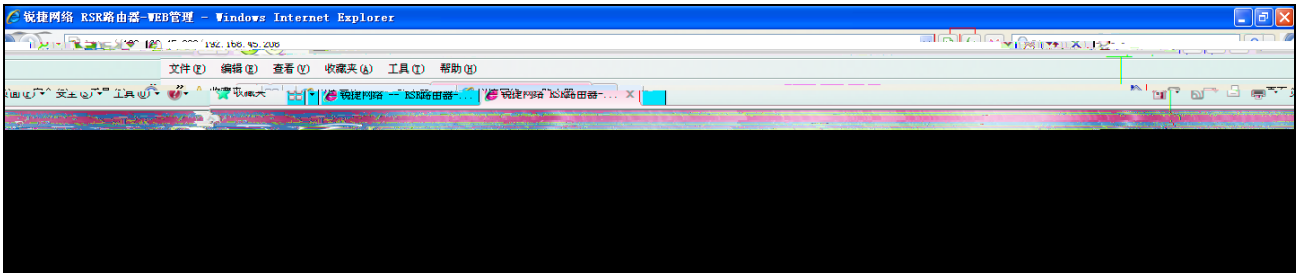
1.5.1

WEB

1.5.2

WEB IE

1-101



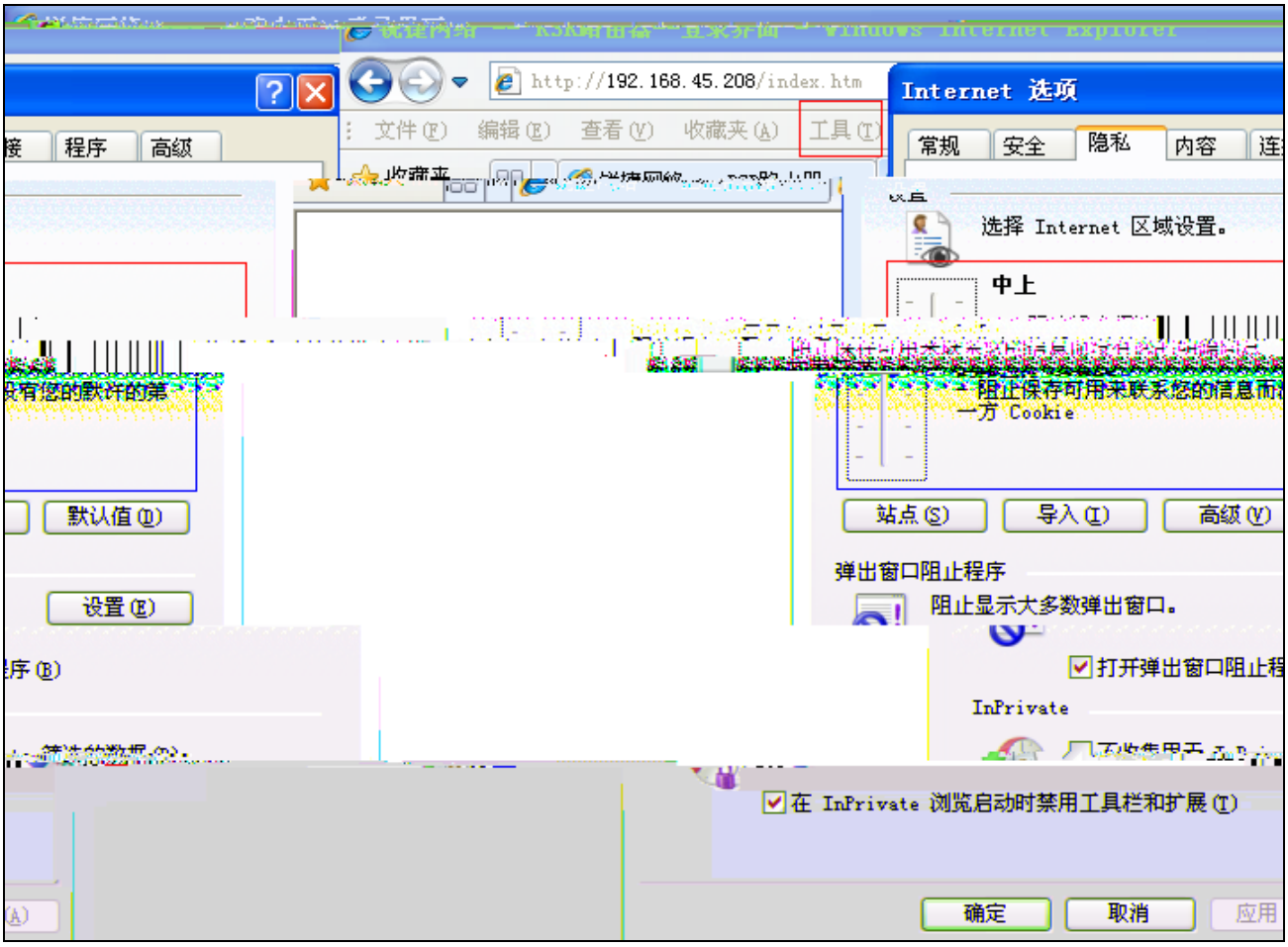
IE9.0 IE10.0 WEB CPU

1.5.3 WEB

WEB WEB

IE

1-102 IE



“ ” “ ” WEB

1.5.4 WEB

1 PC Ping WEB WEB

1-103 WEB

“ disabled ” WEB “ enable service web-server all ” WEB

2 PC Ping PC IP

3 “ 404 ” WEB WEB

1-104

1.5.5 WEB

WEB WEB 10

10 WEB

10