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Firmware Release Note

**P-660R-T1C
Standard Version**

Release 3.40(AGJ.0)C0

Date: Apr. 03, 2006
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ZyXEL P-660R-T1C Standard Version Release 3.40(AGJ.0)C0 Release Note

Date: Apr 03, 2006

Supported Platforms:

ZyXEL P-660R-T1C

Versions:

ZyNOS Version : V3.40(AGJ.0) | 04/03/2006 02:00:00

Bootbase Version : V1.03 | 3/20/2006 15:39:52

Notes:

P-660R-T1C/T3C/T7C is next generation of ZyXEL P623R series with higher speed of ADSL2, ADSL2+ technology, speed up to 12Mbps (ADSL2) and 24 Mbps (ADSL2+). With Ethernet, P-660R-T1C/T3C/T7C offers the flexible way to access the Internet.

Known Issues:

1. If UPNP is disabled than MSN messenger whiteboard doesn't work behind NAT.
2. The TR-067 Loop test failure.
3. If there are two or more PVCs with CBR or VBR QOS type and the total PCR requirement exceed the line rate then the bandwidth distribution between those PVCs is unpredictable.
4. Setup two PVCs with 1483 bridge, each PVC with 500Kbps upstream and 10Mbps downstream traffic. If packet size is 1500 The CPU loading is 88%. The CPU loading is 100% if packet size is 1024.
5. The VBR property of TrendChip is different form the others.
6. The value of MBS can't be too large. Ex 10000.
7. F/W upgrade in eWC can not work with IE 5.0.3315.
8. MAC OS can't login the WEBGUI through IE 5.2.
9. When we do the ETSI-101388 test with ALC1224-73, the downstream will have CRC error and ADSL will retrain.
10. Use ax/4000 test VBR have problem.
11. Use ax/4000 test priority have problem in especially setting.
12. Any IP works fine at the first time, but after power on and off, it won't work until 10 minutes later.

Features:

Modification in V3.40(AGJ.0)C0 | 04/03/2006

1. Change to FCS

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Modification in V3.40(AGJ.0)b2 | 03/27/2006

1. [BUG FIXED] SPRID: 060306538

Symptom: After PPPoA link is idle via Schedule, it won't link up, then change Encapsulation to PPPoE, and it also won't link up and show us "no iface available" in SMT

Condition: After PPPoA link is idle via Schedule, it won't link up, then change Encapsulation to PPPoE, and it also won't link up and show us "no iface available" in SMT

2. [BUG FIXED] SPRID: 060308682

Symptom: Run ftp file transfer(Reliability test), after several hours, DUT can not reach gateway.

Condition:

Step1. Link the DUT to ALcatel UD DSLAM, the DSL mode is ADSL2+

Step2. Run ftp file transfer, after several hours, it will stop, when it stop the DUT can't reach WAN gateway.

Modification in V3.40(AGJ.0)b1 | 01/20/2006

1. Create this project.

Modifications:

Modification in V3.40(AGJ.0)b2 | 03/27/2006

1. [FEATURE CHANGE]

Support Samsung flash

2. [FEATURE CHANGE]

Change NAT session to 512

3. [BUG FIXED]

Symptom: Issue CI command "sys stdio 0", then issue CI command "exit", the DUT will hang

Condition: Issue CI command "sys stdio 0", then issue CI command "exit", the DUT will hang

4. [BUG FIXED]

Symptom: set a filter, when apply it use CI command in WAN, it must fill 4 parameter, but apply it in LAN it need not to fill 4 parameter, it can be save when it have only 1 parameter.

Condition: set a filter, when apply it use CI command in WAN, it must fill 4 parameter, but apply it in LAN it need not to fill 4 parameter, it can be save when it have only 1 parameter.

5. [BUG FIXED]

Symptom: The word "dasable" in CI command "wan callsch action" was spelled wrong

Condition: Issue CI command "wan callsch action", it show [0:force on| 1:force down| 2:enable dial-on-command | 3:dasable dial-on command], the word "dasable" was spelled wrong, it should be "disable".

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6. [BUG FIXED]

Symptom: It will show “the flags is: 0x00000007” when save the IP policyrouting configuration use CI command.

Condition: It will show “the flags is: 0x00000007” when save the IP policyrouting configuration use CI command.

7. [BUG FIXED]

Symptom: The RIP via IP alias 1 and IP alias 2 can not works correctly.

Condition:

Step1.in GUI, config the IP alias 1 and IP alias 2, set the RIP direction = Both or In only, the RIP Version = RIP-1, RIP-2B or RIP-2M.

Step2.in LAN PC use tool generate RIP packet, the DUT can't receive the RIP packet.

Step3.use CI commands setup, have the same issue.

8 [BUG FIXED]

Symptom: In SMT and GUI, timezone miss some items such as: GMT+9.5 (Adelaide, Central Australian Standard Time) the number of missed items is 50. The total should be 75 just like WinXP.

Condition: N/A

9 [BUG FIXED]

Symptom: User can not set some special debug flag by using C/I command "ether driver qroute[0|1|2][debug]"

Condition:

1. Use C/I command "ether driver qroute 2 0xf0060000" to set the debug flag as QRC_WAN(0xf0060000)

2. But the actual value of the debug flag is 7fffffff

10 [BUG FIXED]

Symptom: The packet which is from lan and processed by quick route is not counted.

Condition:

1. Make sure quick route is activated.

2. Dial up one remote node and make sure PC in LAN side can access WAN side.

3. Ping wan side IP in PC.

4. We can see: PC can ping wan IP, but the counter number in smt24.1 for ethernet RX packets does not increase.

14. [BUG FIXED]

Symptom:

1. Set DUT to SUA and enable server set and set forward FTP session/data to LAN PC.

2. Change DUT's FTP port to 2121

3. FTP from WAN PC to DUT's WAN IP.

4. The DUT will not forward FTP request to LAN PC

Condition: N/A

14. [BUG FIXED]

Symptom: When use CI command to set nat full feature, the mapping rule actually not be used.

Condition:

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1. "sys romreset" DUT get the wan ip, LAN PC can ping out
2. Set nat full feature mapping rule for example set a rule: nat type one-to-one
3. Turn off firewall, wan pc ping DUT wan ip, it can work.
4. Pull off LAN PC cable, wan PC still can ping DUT wan ip.

14. [BUG FIXED]

Symptom: When VC auto hunt is enabled, Internet can be accessed even VC auto hunt has finished.

Condition:

1. Configure remote node as RFC1483 route, right VPI, VCI and static IP.
2. Enable VC auto hunt.
3. Internet can't accessed even VC auto hunt has finished, but disable VC auto hunt with other same configuration, Internet can be accessed immediately.

Modification in V3.40(AGJ.0)b1 | 01/20/2006

1. This version is based on P-660R-T1(ACR.1)C0

2. [FEATURE CHANGE]

Add Forwarding path optimization

3. [FEATURE CHANGE]

Add reset button

4. [FEATURE CHANGE]

Add quick route

5. [FEATURE CHANGE]

Add multiboot v2.1

6. [FEATURE CHANGE]

Remove CI command "wan adsl targetnoise" and "wan adsl txgain"

7. [BUG FIXED]

Symptom: put rom-t has issue

Condition: Rom-t can't work well when static IP used.

8. [BUG FIXED]

Symptom: While set the DUT LAN "Client IP Pool Starting Address" and "Size of Client IP Pool" which are not match the "IP Subnet Mask", but this can be saved in GUI\Wizard Setup and rom-t. In SMT and GUI\Advanced Setup have no this issue.

Condition:

Step1: While set the DUT LAN setting as below: "Client IP Pool Starting Address=192.168.1.4", "Size of Client IP Pool=4", "IP Subnet Mask=255.255.255.248", the DUT will show a prompt in SMT and GUI/Advanced Setup: "Invalid DHCP Size of Client Pool".

Step2: But in GUI/Wizard Setup and rom-t, this configuration will be saved, and LAN PC can get the IP from 192.168.1.4.

9. [BUG FIXED]

Symptom: In GUI, the WAN Backup functions need at least one none-zero Check WAN IP

Condition:

Step1 in GUI, the WAN Backup functions need at least one none-zero Check WAN IP

Step2 while in SMT there isn't this limit

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10. [BUG FIXED]

Symptom: In SMT menu 4 and menu3.5 the ISP's name and ESSID can not accept special characters such as #,\$%^, but in eWC can accept it, they are not accordant

Condition: N/A

11. [BUG FIXED]

Symptom: subnet mask error subnet mask error

Condition:

1. Log into the device via WEB GUI
2. Configure Static WAN IP Address
3. Enter subnet mask"255.255.248.0", then it will pop up a message shows"subnet mask error". However,"255.255.248.0" is a valid subnet

12. [Feature Enhancement]

Update Quick Route, remove debug information

13. [BUG FIXED]

Symptom: CI command "sys stdio" does not follow the spec.

Condition: Enter "sys stdio 4 30", it will set the timeout to 30 seconds.

14. [BUG FIXED]

Symptom: In "many to many no overload" mode, IGA and ILA does not match, but it can save in eWC.

Condition:

Step 1: In the SMT menu 15.1.1, edit one rule, choose the type "many to many no overload", if the number of local IP is not equal to the number of global IP, there is error information "IGA and ILA does not match" and the setting can't be saved.

Step 2: In the GUI setting, if the number of local IP is not equal to the number of global IP, there is no error, and in the SMT menu 15 the setting has been saved.

15. [BUG FIXED]

Symptom: eWC timeout but telnet port still can save change.

Condition:

- step1. eWC in remote management.
- step2. Change telnet port 23 to 23023 and wait 3 minutes.
- step3. Apply it.
- step4. Turn on login face and login
- step5. In remote management the telnet port have changed from23 to 23023.

16. [BUG FIXED]

Symptom: device will be crash

Condition:

1. Set default romfile
2. In vc hunt table have vpi/vci=0/33
3. Turn on vc hunt debug flag

17. [BUG FIXED]

Symptom: The "connection testing" page will change to "connection testing fail" Page for only one browser.

Condition:

1. If there are no correct PVC in hunting table.
2. Page will return to "Auto_Hunt_Fail".

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3. If there are two or more browsers, only one page will display “Auto_Hunt_Fail”, the other pages will also display “Connection testing”.

18. [BUG FIXED]

Symptom: It can't escape SMT24.1.

Condition: When performing vc-hunt process.

19. [BUG FIXED]

Symptom: choose PPPoA encapsulation to sync up, when need to retype username and password the IE url show "ZCfgPPPoE.html" webpage.

Condition: choose PPPoA encapsulation to sync up, when need to retype username and password the IE url show "ZCfgPPPoE.html" webpage.

20. [BUG FIXED]

Symptom: Users can not login in prestige device if they use IE in Mac OS as browser.

Condition: Browser is IE on Mac OS.

21. [BUG FIXED]

Symptom: if we set dhcp start ip address to a wrong range, we still can save these setting.

Condition: set dhcp ip address to conflict with router lan ip address, and we can save these setting in menu 3.2.

22. [BUG FIXED]

Symptom: While WAN encapsulation is set to ENET ENCAP and dynamic IP address is used, if WAN IP is changed, NAT session will not be reset, it will cause internet access fail.

Condition:

(1)Set DUT WAN encapsulation to ENET ENCAP and dynamic IP address, after get IP address from DHCP server on WAN side, internet access can be successful.

(2)Edit the static DHCP pool of DHCP server on WAN side to allocate another IP address to DUT, and pull out ADSL line for a moment and insert it to ensure IP re-allocation.

(3)After get new IP, internet access will be fail.

23. [BUG FIXED]

Symptom: if we set dhcp start ip address to a wrong range, we can't access wan side.

Condition: set dhcp ip address to conflict with router lan ip address, and we can't access wan side.

24. [BUG FIXED]

Symptom: When DUT use static IP and set DNS server address in GUI->wizard, DUT won't resolve domain name successfully until reboot.

Condition:

Step1 Go to GUI, configure DUT use static IP and set DNS server, then go to Maintenance->Diagnostic, try to resolve domain name, but failed.

Step2 Reboot DUT, it works fine.

Step3 This may cause TMSS/AV/CAC/DDNS functions doesn't work for these functions need DUT resolve domain name.

25. [BUG FIXED]

Symptom: LAN port will lock up after long time ftp download, it is caused by

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MAC TX descriptions use up and aren't freed by HW. It can be found easily when quick route is added, but it is hard to duplicate without quick route.

Condition: N/A

26. [BUG FIXED]

Symptom: ADSL can't sync up if ADSL line is pulled out and plugged when eMule and BT runs on the PC connected to LAN.

Condition: N/A

27. [BUG FIXED]

Symptom: IPTV application will cause device reboot if there are a lot of packets burst in WAN port at the moment of ADSL sync up.

Condition: N/A

28. [Feature Enhancement]

Remove SMT

29. [Feature Enhancement]

Add CI command for SMT

30. [Feature Enhancement]

Add multiboot v2.3

31. [BUG FIXED]

Symptom: Set NAT rule, the DUT will crash. Set 10 rules in menu 15.1.1, then set rules one by one in menu 15.1.2, when you set the 9th rule, DUT will crash

Condition: N/A

32. [BUG FIXED]

Symptom: Some CI commands can't work fine.

1. Add "lan ippolicy"

2. It can't save while set 2 PVC with the same vpi in bridge mode.

3. "wan node bridgetimeout"

4. Remove "wan node idletimeout", it's in "wan node ppp idletime"

5. "wan node metric"

6. Fix "ip route addrom clear [Index #]".

Condition: N/A

33. [BUG FIXED]

Symptom: set a schedule, when apply it use CI command "wan node callsch" it must fill 4 parameter, that is to say, you must type like this "wan node callsch 1 0 0 0", but not like "wan node callsch 1".

Condition: set a schedule, when apply it use CI command "wan node callsch" it must fill 4 parameter, that is to say, you must type like this "wan node callsch 1 0 0 0", but not like "wan node callsch 1".

34. [FUTURE ENHANCE]

Add a CI command to disable or enable Webredirect, "wan atm vc webredir " and you can use "wan atm vc save " to save it. You can use "wan atm vc dis " to check status

35. [FUTURE ENHANCE]

Add a new page zCfgTryAgain.html. This page will be showed when DSL line has not up. Modify the zCfgPPPOE.html. Close web redirect once PPPOE user name and password are right

Annex A CI Command List

Command Class List Table		
System Related Command	Exit Command	Ethernet Related Command
WAN Related Command	IP Related Command	Bridge Related Command
SMT Related Command		

System Related Command

[Home](#)

Command			Description
sys			
	adjtime		retrive date and time from Internet
	cbuf		
	display	[a f u]	display cbuf a: all f: free u: used
	cnt		cbuf static
		display	display cbuf static
		clear	clear cbuf static
	baud	<1..5>	change console speed
	callhist		
	display		display call history
	remove	<index>	remove entry from call history
	clear		clear the counters in GUI status menu
	countrycode	[countrycode]	set country code
	date	[year month date]	set/display date
	domainname		display domain name
	edit	<filename>	edit a text file
	enhanced		return OK if commands are supported for PWC purposes
	errctl	[level]	set the error control level 0:crash no save,not in debug mode (default) 1:crash no save,in debug mode 2:crash save,not in debug mode 3:crash save,in debug mode
	event		
	display		display tag flags information
	trace		display system event information
		display	display trace event
		clear <num>	clear trace event
	extraphnum		maintain extra phone numbers for outcalls
	add	<set 1-3> <1st phone num> [2nd phone num]	add extra phone numbers
	display		display extra phone numbers
	node	<num>	set all extend phone number to remote node <num>
	remove	<set 1-3>	remove extra phone numbers
	reset		reset flag and mask
	feature		display feature bit
	fid		
	display		display function id list
	firmware		display ISDN firmware type
	hostname	[hostname]	display system hostname

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	iface			
		disp	[#]	display iface list
	isr		[all used free]	display interrupt service routine
	interrupt			display interrupt status
	logs			
		category		
			access [0:none/1:log]	record the access control logs
			attack [0:none/1:log/2:alert/3:both]	record and alert the firewall attack logs
			display	display the category setting
			error [0:none/1:log/2:alert/3:both]	record and alert the system error logs
			ipsec [0:none/1:log]	record the access control logs
			mten [0:none/1:log]	record the system maintenance logs
			upnp [0:none/1:log]	record upnp logs
			urlblocked [0:none/1:log/2:alert/3:both]	record and alert the web blocked logs
			urlforward [0:none/1:log]	record web forward logs
		clear		clear log
		display		display all logs
		errlog		
			clear	display log error
			disp	clear log error
			online	turn on/off error log online display
		load		load the log setting buffer
		mail		
			alertAddr [mail address]	send alerts to this mail address
			display	display mail setting
			logAddr [mail address]	send logs to this mail address
			schedule display	display mail schedule
			schedule hour [0-23]	hour time to send the logs
			schedule minute [0-59]	minute time to send the logs
			schedule policy [0:full/1:hourly/2:daily/3:weekly/4:none]	mail schedule policy
			schedule week [0:sun/1:mon/2:tue/3:wed/4:thu/5:fri/6:sat]	weekly time to send the logs
			server [domainName/IP]	mail server to send the logs
			subject [mail subject]	mail subject
		save		save the log setting buffer
		syslog		
			active [0:no/1:yes]	active to enable unix syslog
			display	display syslog setting
			facility [Local ID(1-7)]	log the messages to different files
			server [domainName/IP]	syslog server to send the logs
	mbuf			
		cnt		
			disp	display system mbuf count
			clear	clear system mbuf count
		link	link	list system mbuf link
		pool	<id> [type]	list system mbuf pool
		status		display system mbuf status
		disp	<address>	display mbuf status
		debug	[on off]	

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	memory		<address> <length>	display memory content
	memwrite		<address> <len> [data list ...]	write some data to memory at <address>
	memwl		<address>	write long word to memory at <address>
	memrl		<address>	read long word at <address>
	memutil			
		usage		display memory allocate and heap status
		mqueue	<address> <len>	display memory queues
		mcell	mid [f u]	display memory cells by given ID
		msecs	[a f u]	display memory sections
		mtstart	<n-mcell>	start memory test
		mtstop		stop memory test
		mtalloc	<size> [n-mcell]	allocate memory for testing
		mtfree	<start-idx> [end-idx]	free the test memory
	model			display server model name
	proc			
		display		display all process information
		stack	[tag]	display process's stack by a give TAG
		pstatus		display process's status by a give TAG
	queue			
		display	[a f u] [start#] [end#]	display queue by given status and range numbers
		ndisp	[qid]	display a queue by a given number
	quit			quit CI command mode
	reboot		[code]	reboot system code = 0 cold boot, = 1 immediately boot = 2 bootModule debug mode
	reslog			
		disp		display resources trace
		clear		clear resources trace
	stdio		[second]	change terminal timeout value
	time		[hour [min [sec]]]	display/set system time
	timer			
		disp		display timer cell
		trace	[on off]	set/display timer information online
		start	[tmValue]	start a timer
		stop	<ID>	stop a timer
	trcdisp			monitor packets
	trclog			
		switch	[on off]	set system trace log
		online	[on off]	set on/off trace log online
		level	[level]	set trace level of trace log #: 1-10
		type	<bitmap>	set trace type of trace log
		disp		display trace log
		clear		clear trace
		call		display call event
		encapmask	[mask]	set/display tracelog encapsulation mask
	trcpacket			
		create	<entry> <size>	create packet trace buffer
		destroy		packet trace related commands
		channel	<name> [none incoming outgoing bothway]	<channel name>=enet0,sds100, fr0 set packet trace direction for a given channel
		string		enable smt trace log
		switch	[on off]	turn on/off the packet trace

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	disp		display packet trace
	udp		send packet trace to other system
		switch [on off]	set tracepacket upd switch
		addr <addr>	send trace packet to remote udp address
		port <port>	set tracepacket udp port
	parse	[[start_idx], end_idx]	parse packet content
	brief		display packet content briefly
version			display RAS code and driver version
view		<filename>	view a text file
wdog			
	switch	[on off]	set on/off wdog
	cnt	[value]	display watchdog counts value: 0-34463
romreset			restore default romfile
server			
	access	<telnet ftp web icmp snmp dns> <value>	set server access type
	load		load server information
	disp		display server information
	port	<telnet ftp web snmp> <port>	set server port
	save		save server information
	secureip	<telnet ftp web icmp snmp dns> <ip>	set server secure ip addr
spt			
	dump		dump spt raw data
		root	dump spt root data
		rn	dump spt remote node data
		user	dump spt user data
		slot	dump spt slot data
	save		save spt data
	size		display spt record size
	clear		clear spt data
cmgr			
	trace		
		disp <ch-name>	show the connection trace of this channel
		clear <ch-name>	clear the connection trace of this channel
	cnt	<ch-name>	show channel connection related counter
socket			display system socket information
filter			
	clear		clear filter statistic counter
	disp		display filter statistic counters
	sw	[on off]	set filter status switch
	set	<set>	display filter rule
	netbios		
		disp	display netbios filter status
		config <0:LAN to WAN, 1:WAN to LAN, 2:LAN to DMZ, 3:IPSec passthrough, 4:Trigger Dial> <on off>	config netbios filter
ddns			
	debug	<level>	enable/disable ddns service
	display	<iface name>	display ddns information
	restart	<iface name>	restart ddns
	logout	<iface name>	logout ddns
cpu			

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		display		display CPU utilization
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Exit Command

[Home](#)

Command				Description
exit				exit smt menu

Ethernet Related Command

[Home](#)

Command				Description
ether				
	config			display LAN configuration information
	driver			
		cnt		
			disp <name>	display ether driver counters
			clear <name>	clear ether driver counters
		iface	<ch_name> <num>	send driver iface
		ioctl	<ch_name>	Useless in this stage.
		mac	<ch_name> <mac_addr>	Set LAN Mac address
		reg	<ch_name>	display LAN hardware related registers
		rxmod	<ch_name> <mode>	set LAN receive mode. mode: 1: turn off receiving 2: receive only packets of this interface 3: mode 2+ broadcast 5: mode 2 + multicast 6: all packets
		status	<ch_name>	see LAN status
		init	<ch_name>	initialize LAN
	version			see ethernet device type
	pkttest			
		disp		
			packet <level>	set ether test packet display level
			event <ch> [on/off]	turn on/off ether test event display
		sap	[ch_name]	send sap packet
		arp	<ch_name> <ip-addr>	send arp packet to ip-addr
		mem	<addr> <data> [type]	write memory data in address
	test		<ch_id> <test_id> [arg3] [arg4]	do LAN test
	pncconfig		<ch_name>	do pnc config
	mac		<src_ch> <dest_ch> <ipaddr>	fake mac address

WAN Related Command

[Home](#)

Command				Description
wan	Adsl			
		chandata		ADSL channel data, line rate
		close		Close ADSL line
		linedata		
			near	Show ADSL near end noise margin
			far	Show ADSL far end noise margin
		open		Open ADSL line
		opencmd		Open ADSL line with specific standard
			Glite	
			T1.413	
			Gdmt	

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			multimode	
			adsl2	
			adsl2plus	
		opmode		Show the operational mode
		rateadap	[on off]	Turn on/off rate adaptive mechanism
		perfddata		Show performance information,CRC,FEC, error seconds..
		reset		Reset ADSL modem, and must reload the modem code again
		Status		ADSL status (ex: up, down or wait for init)
		errorsecond		
			sendes	Send current error second information immediately
		targetnoise	[value]	Adjust target noise offset
wan	atm	vchunt		
			Add <remoteNodeIndex> <vpi> <vci> <service bit(hex)>	Add a entry to hunting pool <remote node> : input the remote node index 1-8 <vpi> : vpi value <vci> : vci value <service>: it's a hex value, bit0:PPPoE/VC (1), bit1:PPPoE/LLC (2) , bit2:PPPoA/VC (4), bit3:PPPoA/LLC (8), bit4:Enet/VC (16), bit5 :Enet/LLC (32) For examples: If you need service PPPoE/LLC and Enet/LLC then the service bits will be 2+32 = 34 (decimal) = 22 (hex), you must input 22 Need to perform save after this command
			Remove <removeNodeId> <vpi> <vci>	Input remote node ID and vpi, vci value to remove the specific entry. System will save automatically.
			Active <yes no>	Enable VC auto hunting featurer
			display	Display the hunt pool
			Clear	Clear the configure buffer
			Save	Save current setting into ROM file
			timer	The waiting time before checking the hunting table result
			Send	Send VC hunt pattern again
			result	Check the result of VC auto hunting
	hwsar	disp		Display hwsar packets incoming/outgoing information
		clear		Clear hwsar packets information
	Zero	Status		Display status of Zero configuration
		On		Turn on Zero configuration
		Off		Turn off Zero configuration
		Flags	<disable (1:zeroCfh / 2:auto-hunt / 4:password / 7:all)>	
		debug	1:enable / 0:disable	Display debug messages

Command			Description
ip			
	address	[addr]	display host ip address
	loopbackaddr	<IP1> [IP2]	Set loopback address.
	alias	<iface>	alias iface
	aliasdis	<0 1>	disable alias
	arp		
	status	<iface>	display ip arp status
	add	<hostid> ether <ether addr>	add arp information
	resolve	<hostid>	resolve ip-addr
	drop	<hostid> [hardware]	drop arp
	flush		flush arp table
	publish		add proxy arp
	dhcp	<iface>	
	client		
		release	release DHCP client IP
		renew	renew DHCP client IP
	mode	<server relay none client>	set dhcp mode
	relay	server <serverIP>	set dhcp relay server ip-addr
	reset		reset dhcp table
	server		
		probecount <num>	set dhcp probe count
		dnsserver <IP1> [IP2] [IP3]	set dns server ip-addr
		winsserver <winsIP1> [<winsIP2>]	set wins server ip-addr
		gateway <gatewayIP>	set gateway
		hostname <hostname>	set hostname
		initialize	fills in DHCP parameters and initializes (for PWC purposes)
		leasetime <period>	set dhcp leasetime
		netmask <netmask>	set dhcp netmask
		pool <startIP> <numIP>	set dhcp ip pool
		renewaltime <period>	set dhcp renew time
		rebindtime <period>	set dhcp rebind time
		reset	reset dhcp table
		server <serverIP>	set dhcp server ip for relay
		dnsorder [router isp]	set dhcp dns order
	status	[option]	show dhcp status
	static		
		delete <num> all	delete static dhcp mac table
		display	display static dhcp mac table
		update <num> <mac> <ip>	update static dhcp mac table
	dns		
	query		
		address <ipaddr> [timeout]	resolve ip-addr to name
		debug <num>	enable dns debug value
		name <hostname> [timeout]	resolve name to ip-addr
		status	display dns query status
		table	display dns query table
	server	<primary> [secondary] [third]	set dns server
	stats		
		clear	clear dns statistics
		disp	display dns statistics

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	table		display dns table
httpd			
	debug	[on/off]	set http debug flag
icmp			
	echo	[on/off]	set icmp echo response flag
	data	<option>	select general data type
	status		display icmp statistic counter
	trace	[on/off]	turn on/off trace for debugging
	discovery	<iface> [on/off]	set icmp router discovery flag
ifconfig		[iface] [ipaddr] [broadcast <addr> mtu <value>]dynamic]	configure network interface
ifdrop		<iface>	chaek if iface is available.
ping		<hostid>	ping remote host
pong		<hostid> [<size> <time-interval>]	pong remote host
extping		<target address>	
		[-t]	Continue to send ECHO_REQ until Ctrl-C input
		[-c]	Validate the reply data
		[-d] [Data]	Data pattern. The maximum length of data is 255 characters.
		[-f]	Set DF flag.
		[-l] [Data size]	Datagram size in bytes (with 28 bytes Header).
		[-v] [TOS value]	Specify the value of TOS flag.
		[-n] [Repeat value]	The number of times to send ECHO_REQ packet.
		[-w] [Timeout value]	Specify the value of Timeout in seconds.
		[-o] [IP address/IFace]	To specify one IP address or interface to be the Source IP address.
		[-p] [Min MTU] [Max MTU] [Interval size]	Sweep range of sizes.
route			
	status	[if]	display routing table
	add	<dest_addr default>[/<bits>] <gateway> [<metric>]	add route
	addiface	<dest_addr default>[/<bits>] <gateway> [<metric>]	add an entry to the routing table to iface
	addprivate	<dest_addr default>[/<bits>] <gateway> [<metric>]	add private route
	drop	<host addr> [/<bits>]	drop a route
	flush		flush route table
	lookup	<addr>	find a route to the destination
	errcnt		
		disp	display routing statistic counters
		clear	clear routing statistic counters
status			display ip statistic counters
adjTcp		<iface> [<mss>]	adjust the TCP mss of iface
udp			
	status		display udp status
rip			
	accept	<gateway>	drop an entry from the RIP refuse list
	activate		enable rip
	merge	[on/off]	set RIP merge flag
	refuse	<gateway>	add an entry to the rip refuse list
	request	<addr> [port]	send rip request to some address and port
	reverse	[on/off]	RIP Poisoned Reverse

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		status		display rip statistic counters
		trace		enable debug rip trace
		mode		
			<iface> in [mode]	set rip in mode
			<iface> out [mode]	set rip out mode
		dialin user	[show in out both none]	show dialin user rip direction
	tcp			
		ceiling	[value]	TCP maximum round trip time
		floor	[value]	TCP minimum rtt
		irtt	[value]	TCP default init rtt
		kick	<tcb>	kick tcb
		limit	[value]	set tcp output window limit
		max-incomplete	[number]	Set the maximum number of TCP incomplete connection.
		mss	[value]	TCP input MSS
		reset	<tcb>	reset tcb
		rtt	<tcb> <value>	set round trip time for tcb
		status	[tcb] [<interval>]	display TCP statistic counters
		syndata	[on off]	TCP syndata piggyback
		trace	[on off]	turn on/off trace for debugging
		window	[tcb]	TCP input window size
	samenet		<iface1> [<iface2>]	display the ifaces that in the same net
	uninet		<iface>	set the iface to uninet
	tftp			
		support		prtn if tfpt is support
		stats		display tftp status
	xparent			
		join	<iface1> [<iface2>]	join iface2 to iface1 group
		break	<iface>	break iface to leave ipxparent group
	antiprobe		<0 1> 1:yes 0:no	set ip anti-probe flag
	igmp			
		debug	[level]	set igmp debug level
		forwardall	[on off]	turn on/off igmp forward to all interfaces flag
		querier	[on off]	turn on/off igmp stop query flag
		iface		
			<iface> grouptm <timeout>	set igmp group timeout
			<iface> interval <interval>	set igmp query interval
			<iface> join <group>	join a group on iface
			<iface> leave <group>	leave a group on iface
			<iface> query	send query on iface
			<iface> rsptime [time]	set igmp response time
			<iface> start	turn on of igmp on iface
			<iface> stop	turn off of igmp on iface
			<iface> ttl <threshold>	set ttl threshold
			<iface> v1compat [on off]	turn on/off v1compat on iface
		robustness	<num>	set igmp robustness variable
		status		dump igmp status
	pr			
		clear		clear ip pr table counter information
		disp		dump ip pr table counter information
		switch		turn on/off ip pr table counter flag
	nat			
		timeout		
			gre [timeout]	set nat gre timeout value

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			iamt [timeout]	set nat iamt timeout value
			generic [timeout]	set nat generic timeout value
			reset [timeout]	set nat reset timeout value
			tcp [timeout]	set nat tcp timeout value
			tcpother [timeout]	set nat tcp other timeout value
		update		create nat system information from spSysParam
		iamt		display nat iamt information
		iface	<iface>	show nat status of an interface
		lookup	<rule set>	display nat lookup rule
		new-lookup	<rule set>	display new nat lookup rule
		loopback	[on/off]	turn on/off nat loopback flag
		reset	<iface>	reset nat table of an iface
		server		
			disp	display nat server table
			load <set id>	load nat server information from ROM
			save	save nat server information to ROM
			clear <set id>	clear nat server information
			edit active <yes/no>	set nat server edit active flag
			edit svrport <start port> [end port]	set nat server server port
			edit intport <start port> [end port]	set nat server forward port
			edit remotehost <start ip> [end ip]	set nat server remote host ip
			edit leasetime [time]	set nat server lease time
			edit rulename [name]	set nat server rule name
			edit forwardip [ip]	set nat server server ip
			edit protocol [protocol id]	set nat server protocol
		service		
			irc [on/off]	turn on/off irc flag
		resetport		reset all nat server table entries
		incikeport	[on/off]	turn on/off increase ike port flag

Bridge Related Command

[Home](#)

Command			Description	
bridge				
	mode	<1/0> (enable/disable)	turn on/off (1/0) LAN promiscuous mode	
	blt		related to bridge local table	
		disp	<channel>	display blt data
		reset	<channel>	reset blt data
		traffic		display local LAN traffic table
		monitor	[on/off]	turn on/off trafficce monotor. Default is off.
		time	<sec>	set blt re-init interval
	brt			related to bridge route table
		disp	[id]	display brt data
		reset	[id]	reset brt data
	cnt			related to bridge routing statistic table
		disp		display bridge route counter
		clear		clear bridge route counter
	stat			related to bridge packet statistic table
		disp		display bridge route packet counter
		clear		clear bridge route packet counter
	disp			display bridge source table

SMT Related command

[Home](#)

No	Command	Description	Comment
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	sys general load	Load system general info to buffer	Menu 1
	sys general bridge [on/off]	Set system bridge on/off	Menu 1
	sys general routeip [on/off]	Set system IP routing on/off	Menu 1
	sys general location [geographic location]	Set the geographic location of your prestige.	Menu 1
	sys general hostname [hostname]	Set system name	Menu 1
	sys general contactname [contactname]	Set contact person's name	Menu 1
	sys general domainname [domainname]	Set domainname	Menu 1
	sys general save	Save general info to flash.	Save Menu 1
	sys general display	Display information in menu 1	Display Menu 1
	sys ddns debug	Open dynamic DNS debug mode	Menu 1.1
	sys ddns display	Display dynamic DNS information	Menu 1.1
	sys ddns restart	Restart dynamic DNS	Menu 1.1
	sys ddns logout	Logout dynamic DNS	Menu 1.1
	sys ddns config load	Load dynamic DNS to buffer	Menu 1.1
	sys ddns config active [0 1]	Active dynamic DNS	Menu 1.1
	sys ddns config hostname	Set the domain name assigned by dynamic DNS provider	Menu 1.1
	sys ddns config emailaddress	Set your E-mail address	Menu 1.1
	sys ddns config username	Set your user name	Menu 1.1
	sys ddns config password	Set the password assigned to you	Menu 1.1
	sys ddns config save	Save dynamic DNS setting to flash	Menu 1.1
	sys default	Load All Default Settings Except LAN and DHCP.	
	sys save	Save all the parameters which will include menu1, menu 3.2 LAN, menu 4 or menu 11 WAN, menu 12 static route, menu 15 NAT server set, menu 21 filter sets, menu 22 SNMP, menu 24.11 remote management and 3.5 Wireless LAN	
	lan index [1 2 3] 1: Select main LAN Interface 2: Select IP Alias 1 3: Select IP Alias 2	Select a LAN interface to edit	Menu 3.2
	lan active [on/off]	Turn on or off on IP Alias Interface	Menu 3.2.1
	lan ipaddr [address] [subnet mask]	Set LAN IP address and subnet mask Example: > lan ipaddr 192.168.1.1 255.255.255.0	Menu 3.2
	lan rip [none in out both] [rip1 rip2b rip2m]	Set LAN IP RIP mode and RIP version, if you choose none in the first parameter, the second parameter is also necessary	Menu 3.2
	lan multicast [none igmpv1 igmpv2]	Set LAN IP multicast mode	Menu 3.2
	lan filter [incoming outgoing] [tcpip generic] [set#1] [set#2] [set#3] [set#4]	Set LAN filter to be incoming/outgoing or protocol /device and the filter set could be 1-12, 0 means empty Example: Lan filter incoming tcpip 1 0 0 0	Menu 3.1
	lan dhcp mode [server relay none]	Set DHCP mode to be "server", "relay", "none"	Menu 3.2
	lan dhcp server dnsserver [pri dns] [sec dns]	Set primary and secondary LAN DNS server	Menu 3.2
	lan dhcp server pool [start-address] [num]	Set DHCP start address and pool size	Menu 3.2
	lan dhcp server gateway [IP address]	Set DHCP gateway	Menu 3.2
	lan dhcp server netmask [subnet mask]	Set DHCP subnet mask	Menu 3.2
	lan dhcp server leasetime [second]	Set DHCP lease time	Menu 3.2
	lan dhcp server renewalttime [second]	Set DHCP renew time	Menu 3.2
	lan dhcp server rebindtime [second]	Set DHCP rebind time	Menu 3.2
	lan dhcp relay server [IP address]	Set IP address of DHCP relay server	Menu 3.2
	lan display	Display LAN or IP alias parameters	Display Menu 3

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lan clear	Clear the Working Buffer	
lan save	Save LAN related parameters	
wan node index [1-8]	Set the node pointer to specific wan profile. If you want to set WAN profile, please use this command first, system will use the index number for pointing to specific PVC (remote node), and for consequent commands reference, if index = 1 means it's ISP node	Menu 11.1
wan node clear	Clear the parameters of the temporary WAN profile	Menu 11.1
wan node ispname [ISP name]	Enable the name of wan node	Menu 11.1
wan node enable	Enable the wan profile	Menu 11.1
wan node disable	Disable the wan profile	Menu 11.1
wan node encap [1483 pppoe enet]	Set the wan protocol	Menu 11.1
wan node mux [vc llc]	Set the wan multiplex	Menu 11.1
wan node ppp authen [chap pap both]	Set PPP authentication type	Menu 11.1
wan node ppp username [name]	Set PPP username	Menu 11.1
wan node ppp password [password]	Set PPP password	Menu 11.1
wan node service [name]	Set PPPoE service name	Menu 11.1
wan node bridge [on/off]	Set the wan bridge mode	Menu 11.1
wan node routeip [on/off]	Set the wan IP routing mode	Menu 11.1
wan node callsch [set1#][set2#][set3#][set4#]	Set call schedule set, set number 0 means empty	Menu 11.1
wan node nailedup [on/off]	Set nailed up connection on/off	Menu 11.1
wan node vpi [num]	Set the wan vpi. Range : 0~255	Menu 11.6
wan node vci [num]	Set the wan vci. Range : 32~65535	Menu 11.6
wan node qos[ubr cbr]	Set the wan QOS type to be UBR or CBR	Menu 11.6
wan node pcr [num]	Set the wan PCR value	Menu 11.6
wan node scr [num]	Set the wan SCR value	Menu 11.6
wan node mbs [num]	Set the wan MBS value	Menu 11.6
wan node wanip [static dynamic] [address]	Set the wan IP address	Menu 11.3
wan node remoteip [address] [subnet mask]	Set the remote gateway IP address and subnet mask	Menu 11.3
wan node nat [off sua full] [address mapping #]	Set type wan NAT mode to be off or SUA or Full feature	Menu 11.3
wan node metric [num]	Set the wan metric number	Menu 11.3
wan node private [yes no]	Set the wan private or not.	Menu 11.3
wan node rip [none in out both] [rip1 rip2b rip2m]	Set the wan RIP mode and RIP version	Menu 11.3
wan node multicast [none igmpv1 igmpv2]	Set the wan IP multicast mode	Menu 11.3
wan node ippolicy [set #1] [set #2] [set #3] [set #4]	Set WAN IP policy can be specified, and policy set can be 1-12, value 0 means empty	Menu 11.3
wan node bridgetimeout [min#]	Set wan bridge mode, Ethernet address timeout minutes.	Menu 11.3
wan node filter [incoming outgoing] [tcpip generic] [set #1] [set #2] [set #3] [set #4]	Set WAN filter, incoming or outgoing can be specified, and filter set can be 1-12, value 0 means empty	Menu 11.5
wan node idletimeout [second]	Set idle timeout.	Menu 11.1
wan node save	Save the related parameters of WAN node	
wan node display	Display WAN profile configuration in buffer	Display Menu 11
ip route addrom index [Rule #]	Select a Static Route index 1-16 to edit	Menu 12.1
ip route addrom name [Name]	Set Rule Name	Menu 12.1
ip route addrom active [on/off]	Set Active or Inactive Flag	Menu 12.1
ip route addrom set [dest address/ mask bits] [gateway] [metric]	Set IP static route Example:	Menu 12.1

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	> ip route addrom set 192.168.1.33/24 192.168.1.1 2	
ip route addrom private [yes no]	Set Private Flag	Menu 12.1
ip route addrom disp	Display both working buffer and Editing Entry	Menu 12.1
ip route addrom freememory	Discard all changes	Menu 12.1
ip route addrom save	Save edited settings	Menu 12.1
ip route addrom clear [Index #]	Clear Static Route Index	Menu 12.1
bridge staticRoute index [Rule #]	Select a bridge Static Route index 1-16 to edit	Menu 12.3
bridge staticRoute name [Name]	Set Rule Name	Menu 12.3
bridge staticRoute active [on off]	Set Active or Inactive Flag	Menu 12.3
bridge staticRoute set [ether address] [ipaddress] [gatewayNode]	Set bridge static route Example: >bridge staticRoute set 001349012345 192.168.1.1 1	Menu 12.3
bridge staticRoute display	Display both working buffer and Editing Entry	Menu 12.3
bridge staticRoute freememory	Discard all changes	Menu 12.3
bridge staticRoute save	Save edited settings	Menu 12.3
bridge staticRoute clear [Index #]	Clear Static Route Index	Menu 12.3
sys dialinUser index [index #]	Set the index of dial-in user, you may apply this command first before you begin to configure the dial-in user.	Menu 14
sys dialinUser username [username]	Set the name of dial-in user	Menu 14
sys dialinUser active [yes no]	Active the dial-in user	Menu 14
sys dialinUser password [password]	Set password	Menu 14
sys dialinUser display	Display configuration	Menu 14
sys dialinUser save	Save configuration	Menu 14
sys dialinUser free	Free buffer info of the dial-in user	Menu 14
sys dialinUser clear	Delete the dial-in user	Menu 14
ip nat addrmap map [map#] [set name]	Select NAT address mapping set and set mapping set name, but set name is optional Example: > ip nat addrmap map 1 myset	Menu 15.1
ip nat addrmap rule [rule#] [insert edit] [type] [local start IP] [local end IP] [global start IP] [global end IP] [server set #]	Set NAT address mapping rule. If the “type” is not “inside-server” then the “type” field will still need a dummy value like “0”. Type is 0 - 4 = one-to-one, many-to-one, many-to-many-overload, many-to-many-non overload, inside-server Example: > ip nat addrmap rule 1 edit 3 192.168.1.10 192.168.1.20 192.168.10.56 192.168.1.56 0	Menu 15.1
ip nat addrmap clear [map#] [rule#]	Clear the selected rule of the set	Menu 15.1
ip nat addrmap freememory	Discard Changes	Menu 15.1
ip nat addrmap disp	Display nat set information	Menu 15.1
ip nat addrmap save	Save settings	Menu 15.1
ip nat server load [set#]	Load the server sets of NAT into buffer	Menu 15.2
ip nat server disp [1]	“disp 1” means to display the NAT server set in buffer, if parameter “1” is omitted, then it will display all the server sets	Menu 15.2
ip nat server save	Save the NAT server set buffer into flash	Menu 15.2
ip nat server clear [set#]	Clear the server set [set#], must use “save” command to let it save into flash	Menu 15.2
ip nat server edit [rule#] active	Activate the rule [rule#], rule number is 1 to 24, the number 25-36 is for UPNP application	Menu 15.2

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ip nat server edit [rule#] svrport <start port> <end port>	Configure the port range from <start port > to <end port>	Menu 15.2
ip nat server edit [rule#] remotehost <start IP> <end IP>	Configure the IP address range of remote host (Leave it to be default value if you don't need this command)	Menu 15.2
ip nat server edit [rule#] leasetime <seconds>	Configure the lease time (Leave it to be default value if you don't want this command)	Menu 15.2
ip nat server edit [rule#] rulename <string>	Configure the name of the rule (Leave it to be default value if you don't want this command)	Menu 15.2
ip nat server edit [rule#] forwardip <IP address>	Configure the LAN IP address to be forwarded	Menu 15.2
ip nat server edit [rule#] protocol <TCP UDP ALL>	Configure the protocol to be used TCP , UDP or ALL (it must be capital)	Menu 15.2
sys password	Set system password: input current password->input new password-> confirm new password	Menu 23 system password
sys baud [1:38400 2:19200 3:9600 4:57600 5:115200]	Index 1,2,3 will be 38400,19200, 9600, 57600, 115200 bps [save immediately]	Menu 24.2.2 console speed
wan adsl version	Display chipset vendor and modem code version	Menu 24.2.1
sys timeserver load	Load time server info to buffer.	Menu 24.10 time server
sys timeserver protocol [0: daytime RFC 867 1:time RFC 868 2: NTP RFC 1305]	Set time protocol	Menu 24.10 time server
sys timeserver address [address]	Set time server address, it can be an IP address or domain name	Menu 24.10 time server
sys timeserver timezone [-12 ~12]	Set time zone, -12 means GMT-12, 0 mean GMT, 12 means GMT+12.	Menu 24.10 time server
sys timeserver daylightsaving active[yes no]	Set daylight saving	Menu 24.10 time zone
sys timeserver daylightSaving start [month] [day]	Set daylight saving start day	Menu 24.10 daylight saving
sys timeserver daylightSaving end [month] [day]	Set daylight saving end day	Menu 24.10 daylight saving
sys timeserver save	Save time server and daylight saving setting	Menu 24.10 daylight saving
sys timeserver checktime	Connect to time server and check time.	Menu 24
sys timeserver display	Display time server and daylight saving setting	Menu 24
sys server load	Load setting before editing	
sys server access [ftp telnet web] [access type]	Set the server access type to be 0: ALL, 1: None, 2:LAN only, 3:WAN only	Menu 24.11 remote management
sys server port [ftp telnet web] [port]	Set the server port number	Menu 24.11 remote management
sys server secureip[ftp telnet web] [address]	Set the server security IP address	Menu 24.11 remote management
sys server disp [1]	Display server settings in buffer, [1] means display flash	
sys server save	Save the embedded server (remote management) parameters	
ip policyRouting set index [set#] [rule#]	Set the index of IP routing policy set rule. You must apply this command first before you begin to configure the IP routing policy rules	Menu 25 IP routing policy
ip policyRouting set name [set name]	Set the name of IP routing policy set	Menu 25 IP routing

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			policy
	ip policyRouting set active [yes no]	Enable/Disable the rule	Menu 25 IP routing policy
	ip policyRouting set criteria protocol [protocol #]	Set the protocol ID of the rule	Menu 25 IP routing policy
	ip policyRouting set criteria serviceType [0: don't care 1: normal 2: min delay 3: max thrupt 4: max reliable 5: min cost]	Set the IP routing policy criteria type of service	Menu 25 IP routing policy
	ip policyRouting set criteria precedence [0~7 8 =don't care]	Set the IP routing policy precedence	Menu 25 IP routing policy
	ip policyRouting set criteria packetlength [#]	Set the IP routing policy packet length	Menu 25 IP routing policy
	ip policyRouting set criteria lencomp [0: greater 1: less or equal 2: greater or equal 3: equal 4: not equal 5: less]	Set the IP routing policy len comp	Menu 25 IP routing policy
	ip policyRouting set criteria srcip [start ip] [end ip]	Set the IP routing policy source IP address	Menu 25 IP routing policy
	ip policyRouting set criteria srcport [start port] [end port]	Set the IP routing policy source port	Menu 25 IP routing policy
	ip policyRouting set criteria destip [start ip] [end ip]	Set the IP routing policy destination IP address	Menu 25 IP routing policy
	ip policyRouting set criteria destport [start port] [end port]	Set the IP routing policy destination port	Menu 25 IP routing policy
	ip policyRouting set action actmatched	Set the IP routing policy matched action	Menu 25 IP routing policy
	ip policyRouting set action actnomatched	Set the IP routing policy no matched action	Menu 25 IP routing policy
	ip policyRouting set action gatewaytype [1 gateway node 0 gateway addr]	Set IP routing policy gateway type	Menu 25 IP routing policy
	ip policyRouting set action gatewayaddr [gateway address #]	Set IP routing policy gateway address	Menu 25 IP routing policy
	ip policyRouting set action gatewaynode [gateway node #]	Set IP routing policy gateway node	Menu 25 IP routing policy
	ip policyRouting set action serviceType [0: don't care 1: normal 2: min delay 3: max thrupt 4: max reliable 5: min cost]	Set IP routing policy type of service	Menu 25 IP routing policy
	ip policyRouting set action precedence [0~7 8 =don't care]	Set IP routing policy precedence	Menu 25 IP routing policy
	ip policyRouting set action log [yes no]	Set IP routing policy log	Menu 25 IP routing policy
	ip policyRouting set display	Display the current IP routing policy setting	Menu 25 IP routing policy
	ip policyRouting set save	Save the current IP routing policy setting	Menu 25 IP routing policy
	ip policyRouting set freememory	free the current IP routing policy setting	Menu 25 IP routing policy
	ip policyRouting set clear	Clear the IP routing policy setting	Menu 25 IP routing policy
	ip policyRouting clear	Clear the IP routing policy count	Menu 25 IP routing policy
	ip policyRouting display	Display the IP routing policy count	Menu 25 IP routing policy
	ip policyRouting switch	Switch on or off IP routing policy count.	Menu 25 IP routing policy

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wan callsch index [set#]	Set call schedule index #. You must apply this command first before you begin to configure call schedule	Menu 26 schedule
wan callsch name [set name]	Set the schedule name	Menu 26 schedule
wan callsch active [Yes No]	Enable/Disable schedule	Menu 26 schedule
wan callsch startday [year] [month] [day]	Set schedule start day	Menu 26 schedule
wan callsch onceday [year] [month] [day]	Set schedule once day	Menu 26 schedule
wan callsch weeklyday Sunday [1:active 0:inactive]	Set schedule weekly day	Menu 26 schedule
wan callsch weeklyday Monday [1:active 0:inactive]	Set schedule weekly day	Menu 26 schedule
wan callsch weeklyday Tuesday [1:active 0:inactive]	Set schedule weekly day	Menu 26 schedule
wan callsch weeklyday Wednesday [1:active 0:inactive]	Set schedule weekly day	Menu 26 schedule
wan callsch weeklyday Thursday [1:active 0:inactive]	Set schedule weekly day	Menu 26 schedule
wan callsch weeklyday Friday [1:active 0:inactive]	Set schedule weekly day	Menu 26 schedule
wan callsch weeklyday Saturday [1:active 0:inactive]	Set schedule weekly day	Menu 26 schedule
wan callsch starttime [hour] [minute]	Set schedule start time	Menu 26 schedule
wan callsch duration [hour] [minute]	Set schedule duration time	Menu 26 schedule
wan callsch action [0:force on 1 force down 2: enable dial-on-demand 3: disable dial-on-demand]	Set action	Menu 26 schedule
wan callsch display	display the current call schedule set	Menu 26 schedule
wan callsch save	Save the current call schedule set	Menu 26 schedule
wan callsch freememory	free the current call schedule set	Menu 26 schedule
wan callsch clear	Clear the call schedule set	Menu 26 schedule