ZyXEL

Firmware Release Note

P-793H

Standard version

Release 3.40(RQ.0)C0

Date: Sep 06,2006
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Supported Platforms:

ZyXEL P-793H

Versions:

ZyNOS Version   : V3.40(RQ.0) | 09/06/2006 10:31:00
Bootbase Version   : V1.09 | 06/30/2006 17:27:00

Notes:

Known Issues:

Features:
Modifications in V3.40(RQ.0)C0 | 09/06/2006 10:31:00
1. Change to FCS.

Modifications in V3.40(RQ.0)b3 | 08/25/2006 16:00:00
1. [BUG FIX] SPRID: 060728957
   Symptom: Some information in release note is not correct.
   Condition: 1)Menu 1 "System Name=?" in release note, but it is P-793H in SMT and GUI. 2)Menu 21 it shows 3 items in release note, but it only has two items in SMT. There is no "View Firewall Log" item in SMT.
2. [BUG FIX] SPRID: 060728958
   Symptom/ Condition: Any help page about VPN can't be found, and there is no information about dial backup in the help page of Wan Backup.
3. [BUG FIX] SPRID: 060728959
   Symptom: There is an additional page in Wan->More Connection Setup->SUA Only Edit.
   Condition: Step1 Restore default romfile. Step2 Enter GUI->Advance Setup->Wan->More Connections, Edit one connection and Enter NAT SUA Only Edit in this page, After Edit the port forwarding then apply it. It will show a Full feature Address Mapping Rule edit page, and the configuration in this page can be saved in NAT->Address Mapping Rule.
4. [BUG FIX] SPRID: 060728960
   Symptom/ Condition: There is some debug information in Procomm Plus Terminal

when testing throughput. And it also shows some debug information sometimes when you configure the device.

5. [BUG FIX] SPRID: 060728961

Symptom/ Condition: atwm can't change MAC correctly in debug mode .If you want to change MAC to 001349123456, but it will be changed to 00a0c5123456.

6. [BUG FIX] SPRID: 060731046

Symptom/ Condition: Wizard->Internet Configuration->Bridge+RFC1483, it will show an unneeded page to ask you to enter the IP address.

7. [BUG FIX] SPRID: 060731047

Symptom/ Condition: Configure Internet parameters in wizard setup to route mode, the NAT will be set to None.

8. [BUG FIX] SPRID: 060731050

Symptom/ Condition: Wizard->Internet Configuration ->Route+RFC1483, it will show a page to ask you to enter IP address, when you apply it after configuration of IP address, it will show an error message "Gateway IP Address should not be 0.0.0.0!".

9. [BUG FIX] SPRID: 060731052

Symptom/ Condition: Even configure Internet Connection to bridge mode, it will also show IP Address item in Advance Setup->Network->Wan->Internet Connection page.

10. [BUG FIX] SPRID: 060801048

Symptom/Condition: VPN can't be disconnect in GUI->Advance Setup->Security->VPN->Monitor and it shows "HTML Item value can't be empty4932007", and this error message will also show when you use refresh button in this page.

11. [BUG FIX] SPRID: 060801050

Symptom/ Condition: VPN rule in Manual mode can't be showed correctly if you edit again, it will show VPN set in IKE mode.

12. [BUG FIX] SPRID: 060801051

Symptom/ Condition: Error page can't show friendly in VPN Manual mode when you enter keys incorrectly.

13. [BUG FIX] SPRID: 060807394

Symptom/ Condition: "ip nat addrmap clear [map#] [rule#]" can't work correctly and it shows "please do rule setting first".

14. [BUG FIX] SPRID: 060807395

Symptom: When you add Firewall Rules, another rule will be added automatically
Condition: Step1Add rules one by one Step2.When you add the fourth rule, the rule you have edited will be added, and the fifth rule with former setting (rule 3) will be added automatically. Step3.You can add rules continually; it always shows the same results. For example, If you add the sixth rule, the seventh rule with default setting will be added automatically

15. [BUG FIX] SPRID: 060807396

Symptom: Append firewall rules can not work when rule number larger than 9
Condition: Step1. Add nine firewall rules. Step2. Insert a new rule after rule number 9, it shows "INTERNEL ERROR". But insert a new rule after rule number 1~8, it can be inserted successfully. Step3. When you insert a rule after rule number which larger than 9, it can't be inserted, but if you insert after rule number 1~8, it will be inserted

successfully.

16. [BUG FIX] SPRID: 060807397

Symptom: When deleting firewall rules, it has problem.

Condition: Step1. In default setting, add 5~6 firewall rules in GUI. Step2. Delete one of the rules, two rules may be deleted together and the firewall rule numbers may be disordered. Step3. It will happen sometimes, but the frequence is very high.

17. [BUG FIX] SPRID: 060807398

Symptom/ Condition: In GUI->Security->Firewall->Rules, add rules in 4 packet directions, when we change any rule "Active" check box in one of the directions, the others' will be changed accordingly.

18. [BUG FIX] SPRID: 060807399

Symptom: Firewall rules can't be added correctly with range address of source address or destination address.

Condition: Step1 Enter GUI->Advance->Security->Firewall->Rules->Edit Rules. Step2 Select "Range Address" in Source Address or Destination Address and enter IP Range like this "192.168.100.22-192.168.100.36", add this range to the list and remove "Any" then apply this rule, it will shows error information. Step3 Edit the address range you entered to "192.168.99.22-192.168.99.36" then apply the rule, it will be saved correctly.

19. [BUG FIX] SPRID: 060807400

Symptom/ Condition: In GUI firewall rules edit page, the Source Address and Destination Address can only be set to Single, Range or Subnet. Single selection can only contain two IP Address when Range and Subnet can only contain one. Additionally, Single, Range and Subnet can't be compatible.

20. [BUG FIX] SPRID: 060807401

Symptom/ Condition: Administrator Inactive Timer can't be saved correctly. If you change the time to 1 min in GUI, enter SMT then enter GUI again, it shows 5 min in GUI, and change to SMT it also shows 5 min.

21. [BUG FIX] SPRID: 060807402

Symptom/ Condition: Log Settings->Active Log and Alert can only be save once when edit this page. When you change some setting in this section and want to apply it, it will show "INTERNAL ERROR" and the modification can't be saved.

22. [BUG FIX] SPRID: 060807403

Symptom: `Bandwidth MGMT rule with bandwidth larger than 65535 can't be added correctly.`

Condition: Step1.Bandwidth MGMT->Summary LAN interface->Speed set to 100000. Step2. Enter Bandwidth MGMT->Rule Setup and add a rule with Bandwidth smaller than 65536, it will be added correctly. Step3. Enter Bandwidth MGMT->Rule Setup and add a rule with Bandwidth larger than 65536, the bandwidth which will be saved is the bandwidth you have entered subtract 65536, for example you have entered 65537, it will be saved as 1.

23. [BUG FIX] SPRID: 060807404

Symptom: Device will crash when email logs or alerts.

Condition: Step1. Edit Log Settings->E-Mail Log Settings and save it. Step 2 Click Email Log now in View Log page or wait for the Log Schedule, when it tries to e-mail

logs, the device will crash.

24. [BUG FIX] SPRID: 060807417

Symptom/ Condition: Wizard setup->Bandwidth Management setup will set the summary speed to 100000/800 (down/up) as default , but P-793 is based on S.HDSL and the down speed should be equal to up speed.

25. [BUG FIX] SPRID: 060808539

Symptom/ Condition: SNMP and DNS also can work even we have changed the access status in Remote Node MGMT

26. [BUG FIX] SPRID: 060810704

Symptom/ Condition: When we enable the Universal Plug and Play(UPnP) Service ,MSN White board can't work correctly.

27. [BUG FIX] SPRID: 060811740

Symptom/ Condition: The number of NAT session can't reach to 2048.

28. [BUG FIX] SPRID: 060807416

Symptom/ Condition: MBM rules can't work correctly.

29. [BUG FIX] SPRID: 060731048

Symptom/ Condition: Advance Setup->Status->DSL Standard always shows "Annex A" even the DSLAM mode in Annex B and the wan line is up, it only reads the DSL mode in P-793H and the DSL standard has been set to Annex A as default in P-793H.

Modifications in V3.40(RQ.0)b2 | 07/10/2006 17:27:00
1．Change Default Romfile.

Modifications in V3.40(RQ.0)b1 | 06/08/2006 16:28:08
1．First Release.

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
XDSL Related Command		

System Related Command   Home

Command				Description
sys				
	adjtime			retrive date and time from Internet
	atsh			display MRD field
	callhist			
		display		display call history
		remove	<index>	remove entry from call history
	countrycode		[countrycode]	set country code
	date		[year month date]	set/display date
	domainname			display domain name
	edit		<filename>	edit a text file
	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
	hostname		[hostname]	display system hostname
	log			
		clear		clear log error
		disp		display log error
		online	[on|off]	turn on/off error log online display
	stdio		[second]	change terminal timeout value
	time		[hour [min [sec]]]	display/set system time
	trcdisp	parse, brief, disp		monitor packets
	syslog			
		server	[destIP]	set syslog server IP address
		facility	<FacilityNo>	set syslog facility
		type	[type]	set/display syslog type flag
		mode	[on|off]	set syslog mode
	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
	socket			display system socket information
	ddns			
		debug	<level>	enable/disable ddns service
		display	<iface name>	display ddns information
		restart	<iface name>	restart ddns
		logout	<iface name>	logout ddns

	cpu			
		display		display CPU utilization
	xmodemmode	[crc|checksum]		select xmodem mode

Exit Command

Command			Description
exit			exit smt menu

Ethernet Related Command

Command				Description
ether				
	config			display LAN configuration information
	driver			
		Cnt		
			disp <name>	display ether driver counters
		Status	<ch_name>	see LAN status
		config	[0|1=auto|normal] [0|1=10|100] [0|1=HD|FD] <ch-name>	Configure LAN Settings Auto/Normal, 100/10 Mbps, Half/Full Duplex
	version			see ethernet device type

WAN Related Command

Command				Description
Wan	atm	test	[fix|rand|period|oam|loopback]	Generate ATM traffic
	hwsar	Disp		Display hwsar packets incoming/outgoing information
		Clear		Clear hwsar packets information
		Sendoam		Send OAM packets: <vpi> <vci> <f5> <end-to-end> <type:0(AIS) 1(RDI) 2(LoopBack)>

IP Related Command

Command				Description
ip				
	address		[addr]	display host ip address
	alias		<iface>	alias iface
	aliasdis		<0|1>	disable alias
	arp			
		status	<iface>	display ip arp status
	dhcp		<iface>	
		client		
			release	release DHCP client IP
			renew	renew DHCP client IP
		status	[option]	show dhcp status
	dns			
		query		
		stats		
			clear	clear dns statistics
			disp	display dns statistics
	icmp			
		status		display icmp statistic counter
		discovery	<iface> [on|off]	set icmp router discovery flag
	ifconfig		[iface] [ipaddr] [broadcast <addr> |mtu <value>|dynamic]	configure network interface

	ping		<hostid>	ping remote host
	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
	status			display ip statistic counters
	udp			
		status		display udp status
	tcp			
		status	[tcb] [<interval>]	display TCP statistic counters
	xparent			
		join	<iface1> [<iface2>]	join iface2 to iface1 group
		break	<iface>	break iface to leave ipxparent group
	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

Bridge Related Command   [Home](#)

Command				Description
bridge				
	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

XDSL Related Command   [Home](#)

Command				Description
xdsl				