

ZyXEL Confidential



Firmware Release Note

P792H

Standard version

Release 3.40(BZ.2)C0

Date: October 11, 2005
Author: George Li

ZyXEL P792H Standard Version release 3.40(BZ.2)C0 Release Note

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Supported Platforms:

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Versions:

ZyNOS Version: V3.40(BZ.2) | 10/11/2005 10:32:11

Bootbase Version: V1.14 | 11/10/2003 20:56:40

Notes:

Support Globespan modem code A.423.

Known Issues:

1. UPnP can't work on Windows Messenger which version is higher than 4.7.
2. File transfer on Windows Messenger 4.7 can't work fine when firewall and UPnP are active.
3. There are some SIP issues on CISCO ATA phone. It's fail to make the second call by CISCO ATA phone after waiting around 15 minutes from the first call.

Features:

Modifications in V3.40(BZ.2) | 10/11/2005 10:32:11

1. Change to FCS

Modifications in V3.40(BZ.2)b2 | 09/23/2005 15:32:11

1. [BUG FIXED] 050914568

Symptom: The IP routing Policy don't work properly

Condition: step1 Setup one IP routing Policy rule (in SMT 25),If traffic matches ippr rule, traffic will go out through appointed gateway, but failed

Modifications in V3.40(BZ.2)b1 | 09/07/2005 15:32:11

1. [FEATURE CHANGED] Add feature MBM.

2. [FEATURE CHANGED] Add port based VLAN.

3. [BUG FIXED] 050909370

Symptom& Condition: Key in"http://192.168.1.1/rpFWUpload.html" in IE, can login in Firmware page without user name and password, then user can do romreset and upload new firmware.

4. [BUG FIXED] 050909373

Symptom: Traffic redirect function cannot work properly at ENET-ENCAP with static

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setting.

Condition: In menu 4 when using ENET ENCAP encapsulation and set static address. In menu 2, we set a traffic redirect function, it could not work properly.

5. [BUG FIXED] 050909374

Symptom: The GUI\Wizard Setup can save the no match IP.

Condition: 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.

6. [BUG FIXED] 050909375

Symptom: if we change remode IP address or gateway in menu 4 or menu11, the previous routing entry still keep. it can see in CI command:ip route status.

Condition: In menu4 or menu11,Configure Enet Encap=static IP, then change to PPPoE dynamic, in menu24.8, check the route table, the Enet Encap entry still existed.unless you restart the DUT.

7. [BUG FIXED] 050909376

Symptom: After save DNS server, In CI command: ip ping www.hinet.net, it can not be work and it must reboot.

Condition: We save DNS server in menu 3.2 after reset default rom file and if we don't reset system and issue "ip ping www.hinet.net" that it can not be work and it must reboot.

8. [BUG FIXED] 050909377

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

9. [BUG FIXED] 050909378

Symptom& Condition: enter eWC NAT, click the edit detail of full feature will apply full feature.

10. [BUG FIXED] 050909379

Symptom& Condition: While delete menu4, then go to GUI to change NAT mode and then apply in GUI, then go to SMT menu 24.1will cause crash.

11. [BUG FIXED] 050909380

Symptom: PPPOE nailed-up work have problem

Condition: Step1 use PPPOE and nailed-it up; Step2 in SMT menu 26.1 set a schedule start time 00:03 and duration time is 00:02 and force down; Step3 in menu11.1 schedule set =1, now time is 00:02 when time is 00:03 then PPPOE turn down, but time is 00:05 the PPPOE can not turn up, then in menu 24.8 command "d d 1" still can not turn up.

Modifications in V3.40(BZ.1)C0 | 6/28/2005 13:32:11

1. [FEATURE CHANGED] Change to FCS.

Modifications in V3.40(BZ.1)b3 | 6/22/2005 9:53:09

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1. [FEATURE CHANGED] Support new modem code A.423.

Modifications in V3.40(BZ.1)b2 | 3/28/2005 9:09:08

1. [FEATURE CHANGED] Support new modem code R3.0.1
2. [FEATURE CHANGED] Support new MAC, atwz , sys atwz command
3. [FEATURE CHANGED] Change hw version to 1 in bootbase , and after we change AFE , this f/w can support new hardware and old hardware.

Modifications in V 3.40(BZ.1)b1 | 04/07/2004

1. [BUG FIXED]
Symptom: User name/Password have one space at eWC.
Condition: Restore to default ROM file and change to PPPoA/PPPoE mode, there is one space at User name/Password field at eWC.

Modifications in V 3.40(BZ.0)C0 | 03/12/2004

1. Change to FCS version

Modifications in V 3.40(BZ.0)b2 | 03/05/2004

1. [FEATURE ENHANCED]
Support SIP pass-through.

Modifications in V 3.40(BZ.0)b1 | 01/07/2004

1. Create Project.
2. [FEATURE ENHANCED]
Support Wan Backup.
3. [FEATURE ENHANCED]
Support Firewall and Content Filter.
4. [FEATURE ENHANCED]
Support VPN
5. [FEATURE ENHANCED]
Support H.323v2 for NAT.ALG

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

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

Exit Command

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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
		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

[Home](#)

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

[Home](#)

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

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	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			
	state		display XDSL status about physical layer
	restart		restart XDSL driver
	cnt	disp	display xdsl error counter
		clear	clear xdsl error counter

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