



Firmware Release Note

Prestige 202H

Standard version

Release 3.40(NV.3)C0

Date:
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ZyXEL Prestige 202H Standard Version release 3.40(NV.3)C0 Release Note

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Supported Platforms:

ZyXEL P202H

Versions:

ZyNOS F/W Version : V3.40(NV.3) | 12/5/2003 11:54:20
BootBase : V2.09 | 9/6/2002 16:06:05

Notes:

The P202H, is 3rd generation of ZyXEL ISDN product family. It is a ISDN router for small/medium office to have Internet access and LAN-to-LAN application through ISDN connection over the ISDN line.

Known Issues:

1. Remote management feature can be configured via SMT only.
2. Firmware upgrade from eWC via WAN side does not work.
3. P202H does not update "Time and Date Setting" automatically.
4. If using Linux to access device via telnet and staying in menu 24.1 for a few hours, P202H will reboot.
5. P202H can't accept calls from Allied Telesyn AR-410 if authentication type of AR-410 is set to PAP/CHAP.

Features:

Modifications in V 3.40(NV.3) | 12/05/2003

1. Change to FCS version.

Modifications in V 3.40(NV.3)b1 | 12/01/2003

1. [BUG FIXED]
Symptom: Exception occurs during ftp.
Condition: Exception occurs during ftp.
2. [BUG FIXED]
Symptom: P202H crashes when accepting calls from Allied Telesyn AR-410 if authentication type of AR-410 is set to "No Authenticaion".

Condition: P202H crashes when accepting calls from Allied Telesyn AR-410 if authentication type of AR-410 is set to “No Authenticaion”.

Modifications in V 3.40(NV.2) | 10/09/2003

2. Change to FCS version.

Modifications in V 3.40(NV.2)b1 | 10/07/2003

1. [BUG FIXED]
Symptom: Device makes unwanted calls due to DNS query mechanism in VPN feature.
Condition: Device makes unwanted calls due to DNS query mechanism in VPN feature when users set security gateway by domain name type.
2. [FEATURE ENHANCED]
Make protection for users not to configure idle timeout larger than the VPN update peer IP time.
3. [FEATURE ENHANCED]
Support “sys romreset” CI command to replace “sys spt default” CI command.
4. [FEATURE ENHANCED]
Support “ATLD” command.
5. [BUG FIXED]
Symptom: Configure two connections with SUA to the menu 11 and second remote node doesn't work.
Condition: Configure two connections with SUA to the menu 11 and second remote node doesn't work. The connection is up correctly, but there is no traffic.
6. [BUG FIXED]
Symptom: Showing “POTS log” in smt 24.3.2, which is not illegal.
Condition: Showing “POTS log” in smt 24.3.2, which is not illegal.
7. [FEATURE ENHANCED]
Add Netbios filters setting in menu 3.1 and 11.5 by default.

Modifications in V 3.40(NV.1) | 08/20/2003

3. Change to FCS version.

Modifications in V 3.40(NV.1)b2 | 08/08/2003

1. [FEATURE ENHANCED]
Support DDNS feature.
2. [FEATURE ENHANCED]
Support time server feature.

Modifications in V 3.40(NV.1)b1 | 07/04/2003

1. [FEATURE ENHANCED]
Integrate web help pages.
2. [FEATURE ENHANCED]
Merge remote management feature.

Modifications in V 3.40(NV.0) | 06/17/2003

4. Change to FCS version.

Modifications in V 3.40(NV.0)b2 | 05/27/2003

1. [FEATURE ENHANCED]
Integrate Web GUI.
2. [FEATURE ENHANCED]
Merge Phase III VPN feature.

Modifications in V 3.40(NV.0)b1 | 04/18/2003

1. [FEATURE CHANGED]
Porting P202H for OBM from P202H for DT (with source code 3.40(IJ.0)b5)

Annex A CI Command List

Command Class List Table		
System Related Command	Exit Command	Ethernet Related Command
IP Related Command	IPSec Related Command	

System Related Command

[Home](#)

Command			Description
sys			
	callhist		
		display	display call history
		remove	<index> remove entry from call history
	countrycode	[countrycode]	set country code
	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
	firewall		
		acl	
		disp	display specific ACL set # rule #, or all ACLs.
		active	<yes/no> active firewall or deactivate firewall
		clear	clear firewall log
		cnt	
		disp	display firewall log type and count.
		clear	clear firewall log count.
		disp	display firewall log
		online	set firewall log online.
		pktdump	dump the 64 bytes of dropped packet by firewall

	update		update firewall
	tcprst		
		rst	set TCP reset sending on/off.
		rst113	set TCP reset sending for port 113 on/off.
		display	display TCP reset sending setting.
	dos		
		smtp	set SMTP DoS defender on/off
		display	display SMTP DoS defender setting.
		ignore	set if firewall ignore DoS in lan/wan/dmz/wlan
	ignore		
		triangle	set if firewall ignore triangle route in lan/wan/dmz/wlan
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
treisp			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
atsh			display MRD field
socket			display system socket information
filter			
	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			
	display		display CPU utilization

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
	status	<ch name>	see LAN status
version			see ethernet device type

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
	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		
	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>]	add route

			<gateway> [<metric>]	
		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
	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

IPSecRelated Command

[Home](#)

Command				Description
ipsec				
	debug	<1 0>		turn on/off trace for IPsec debug information
	ipsec_log_disp			show IPsec log, same as menu 27.3
	route	lan	<on off>	After a packet is IPsec processed and will be sent to LAN side, this switch is to control if this packet can be applied IPsec again. Remark: Command available since 3.50(WA.3)
		wan	<on off>	After a packet is IPsec processed and will be sent to WAN side, this switch is to control if this packet can be applied IPsec again. Remark: Command available since 3.50(WA.3)
	show_runtime	sa		display runtime phase 1 and phase 2 SA information
		spd		When a dynamic rule accepts a request and a tunnel is established, a runtime SPD is created according to peer local IP address. This command is to show these runtime SPD.
	switch	<on off>		As long as there exists one active IPsec rule, all packets will run into IPsec process to check SPD. This switch is to control if a packet should do this. If it is turned on, even there exists active IPsec rules, packets will not run IPsec process.
	timer	chk_my_ip	<1~3600>	- Adjust timer to check if WAN IP in menu is changed - Interval is in seconds - Default is 10 seconds - 0 is not a valid value
		chk_conn.	<0~255>	- Adjust auto-timer to check if any IPsec connection has no traffic for certain period. If yes, system will disconnect it. - Interval is in minutes - Default is 2 minutes - 0 means never timeout
		update_peer	<0~255>	- Adjust auto-timer to update IPsec rules which use domain name as the secure gateway IP. - Interval is in minutes - Default is 30 minutes

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			- 0 means never update
			Remark: Command available since 3.50(WA.3)
	updatePeerIp		Force system to update IPSec rules which use domain name as the secure gateway IP right away.
			Remark: Command available since 3.50(WA.3)
	dial	<rule #>	Initiate IPSec rule <#> from ZyWALL box
			Remark: Command available since 3.50(WA.3)
	display	<rule #>	Display IPSec rule #