ZyXEL

Firmware Release Note

ZyAIR B-500

Release 3.50(HL.3)C0

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ZyXEL ZyAIR B-500 Standard Version release 3.50(HL.3)C0 Release Note

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Supported Platforms:

ZyXEL ZyAIR B-500

Versions:

ZyNOS Version: V3.50(HL.3) | 07/16/2004 10:19:17
bootbase version: V1.02 | 01/16/2004 14:02:34

Notes:

1. ZyAIR B-500 is a country dependent product. Please setup correct country code before shipping.

Known Issues:

CI Command List:

Features:

Modification in 3.50(HL.3)C0 | 07/16/2004
1   [FEATURE CHANGE]
    Modify to FCS version.

2   [BUG FIXED]
    Symptom: System will stop operation when user telnet to smt and change MAC address.

3   [BUG FIXED]
    Symptom: System will pop up "Bus Abort!!!" and system reboot after ftp for half hour.

Modification in 3.50(HL.3)b4 | 06/01/2004
1.   [BUG FIXED]
    Symptom: In eWC\ADVANCED\WIRELESS: 802.1x+Dynamic WEP cannot work

in some case.

Modification in 3.50(HL.3)b3 | 05/19/2004
1. [BUG FIXED]
    Symptom: In eWC, change Authentication Server setting, not enable accounting server and leave IP=0.0.0.0, click apply, than Error message pop up.

2. [BUG FIXED]
    Symptom: 802.1x with dynamic WEP key cannot work when shared secret of accounting server is invalid.
    Condition:
    (1) Enable smt23.2 authenticator server and accounting server.
    (2) 802.1x supplicant associate to AP with mode 802.1x dynamic wep key.
    (3) Modify smt23.2 accounting server shared secret with a wrong value.
    (4) 802.1x supplicant was prohibited by 802.1x module.

3. [BUG FIXED]
    Symptom: Setting right password for accounting server and when turn on/off authentication server or accounting server, then system possible occurs reset.
    Condition:
    (1) Setting right accounting server password in smt23.4.
    (2) Inactive smt23.2 authentication server.
    (3) Enactive smt23.2 authentication server.
    (4) System may reset.

4. [BUG FIXED]
    Symptom: When more than two access points reboot at the same time, some access point will get the same IP address on WAN interface.

Modification in 3.50(HL.3)b2 | 05/07/2004
1. [BUG FIXED]
    Symptom: SNMP trap function does not work.

2. [BUG FIXED]
    Symptom: eWC\ADVANCED\WIRELESS: Station cannot work when select 802.1x+Dynamic WEP.

3. [BUG FIXED]
    Symptom: eWC\ADVANCED\WIRELESS: Incorrect translation for 'Roaming' when use Chinese Traditional version.

4. [BUG FIXED]
    Symptom: System name can allow accepting the space different with Help in Wizard Setup function.

5. [BUG FIXED]

Symptom: SSID can only key in 30 characters different with help in Wizard Setup function.

6. [BUG FIXED]
Symptom: When wizard setup 128-bit WEP to finish. Wireless function has changed to 128-bit WEP, but wizard setup was still the 64-bit WEP information.

7. [BUG FIXED]
Symptom: DUT can accept the 0.0.0.0 IP address in Wizard Setup function and Advanced\IP function.

8. [BUG FIXED]
Symptom: After DUT setup the illegal IP address (ex. 225.1.1.1) in Wizard Setup function. DUT can setup to finish. But the SMT interface was shown illegal IP address.

9. [BUG FIXED]
Symptom: In Espanol language interface, enable the scan channel function on Wizard. It can't work and the DUT shows "Object Not Found" error message.

10. [BUG FIXED]
Symptom: DUT can accept more than 30 characters password in password of system function. It was different with help information.

11. [BUG FIXED]
Symptom: In Francias, Espanol, Italiano, and Deutsch language interface. In Advance\System\General: DUT can't set "User-Defined" on DNS function.

12. [BUG FIXED]
Symptom: In eWC\Advanced\System\Time Setting: The daylight saving on DUT can setup the start data 0 month 0 day and end 0 month 0 day at the same time. DUT can also setup the date 2 month 30 or 31 day.

13. [BUG FIXED]
Symptom: In eWC\Advanced\Wireless: Outpower and Preamable function item was different with help information.

14. [BUG FIXED]
Symptom: In Francias language interface. In Advanced\Wireless: DUT can't set "Local User Database Only" on authentication databases function.

15. [BUG FIXED]
Symptom: In Espanol language interface. In Advanced\Wireless: DUT can't set "Local User Database Only", "RADIUS first, then Local", "Local first, then RADIUS" on authentication databases function.

16. [BUG FIXED]
    Symptom: In eWC\Advanced\Wireless\Radius: Shared Secret key can accept 32 characters different with help information.

17. [BUG FIXED]
    Symptom: In eWC\Advanced\Wireless\Radius: when you key in the error port number, ex. 65536, it shows duplicate error messages on DUT.

18. [BUG FIXED]
    Symptom: In eWC\Advanced\Wireless\Radius: DUT can accept the wrong Radius server IP address, ex. 0.0.0.0 or 255.255.255.255.

19. [BUG FIXED]
    Symptom: In eWC\Advanced\IP: DUT can accept the 0.0.0.0 subnet mask.

20. [BUG FIXED]
    Symptom: In eWC\Advanced\Logs\View Log: If DUT record more than 80~100 log data, the Display list will not work.

21. [BUG FIXED]
    Symptom: CI command "sys romreset" does not work.

22. [BUG FIXED]
    Symptom: In eWC welcome page, it shows "Click Advanced to access a range of advanced submenus", but there is no "Advanced" to click.

23. [BUG FIXED]
    Symptom: In WPA-PSK mode, ZyAIR G-405(v1.0.1 CyberTAN 1.0.2.8) can not connect B500.

24. [FEATURE CHANGED]
    Change the default port of Roaming to 3517.

25. [FEATURE CHANGED]
    Move the contents of help page to CD-ROM.

Modification in 3.50(HL.3)b1 | 03/29/2004
1. [FEATURE ENHANCED]
   Support WPA

2. [FEATURE ENHANCED]
   Support Multi-lingual WEB configuration

3. [FEATURE ENHANCED]
   Synchronized with trunk 3.50 around Mar 26, 2004.

Modification in 3.50(HL.2)C0 | 03/15/2004
1. [FEATURE CHANGED]
   Convert version string from "3.50(HL.2)b1" to "3.50(HL.2)"

Modification in 3.50(HL.2)b1 | 03/02/2004
1. [FEATURE ENHANCED]
   Support Dual-mode WLAN AP driver for Airoha & GCT RF chip. Airoha supports proprietary 27.5Mbps speed.

Modification in 3.50(HL.0)C0 | 12/04/2003

Modification in 3.50(HL.0)b4 | 11/04/2003
1. [BUG FIXED]
   Turn off the WLAN radio (CI command – "wlan active 0"), the status of WLAN LED still retains ON.

Modification in 3.50(HL.0)b3 | 10/23/2003
1. [FEATURE ENHANCED]
   Support channel list of Romania.

2. [FEATURE CHANGED]
   Modify channel list of France and Singapore.

3. [FEATURE ENHANCED]
   eWC online help is updated.

4. [BUG FIXED]
   Configure the gateway IP from wizard page and save it, the setting of gateway IP is wrong.

Modification in 3.50(HL.0)b2 | 10/08/2003
1. [FEATURE ENHANCED]
   Improve the stability of WLAN connection.

Modification in 3.50(HL.0)b1 | 09/19/2003
1. First release for C3 firmware

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Annex A CI Command List

Command Class List Table		
System Related Command	Exit Command	Ethernet Related Command
Wireless LAN Related Command	IP Related Command	Bridge Related Command
802.1x Related Command		

System Related Command   Home

Command				Description
sys				
	adjtime			retrive date and time from Internet
	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
	rn			
		load	<entry no.>	load remote node information
		disp	<entry no.>(0:working buffer)	display remote node information
		nat	<none|sua|full_feature>	config remote node nat
		nailup	<no|yes>	config remote node nailup
		save	[entry no.]	save remote node information
	stdio		[second]	change terminal timeout value
	systemname		[system name]	Change system name
	time		[hour [min [sec]]]	display/set system time
	trcdisp	parse, brief, disp		monitor packets
	trclog			
	trcpacket			
	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
	filter			
		netbios		
	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
		ioctl	<ch_name>	Useless in this stage.
		status	<ch_name>	see LAN status
	version			see ethernet device type
	edit			
		load	<ether no.>	load ether data from spt
		save		save ether data to spt

Wireless LAN Related Command   Home

Command				Description
wlan				
	active		[on|off]	set on/off wlan
	association			display association list
	basicrate		[basic rate]	set basic rate
	chid		[channel id]	set channel
	essid		[ess id]	set ESS ID
	scan			scan wireless channels

IP Related Command   Home

Command				Description
ip				
	address		[addr]	display host ip address
	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		
	httpd			
	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
	rip				
	tcp				
		status	[tcb] [<interval>]		display TCP statistic counters
	telnet		<host> [port]		execute telnet clinet command
	tftp				
	traceroute		<host> [ttl] [wait] [queries]		send probes to trace route of a remote host
	xparent				
		join	<iface1> [<iface2>]		join iface2 to iface1 group
		break	<iface>		break iface to leave ipxparent group

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

802.1x Related Command   Home

Command				Description
8021x				
	radius	authentication	Show	show current radius authentication server configuration
		accounting	Show	show current radius accounting server configuration
	debug	reauth	<0:off 1:on>	set IEEE802.1x reauthentication method
		level	[debug level]	set ieee802.1x debug message level
		trace		show all supplications in the supplication table
		user	[username]	show the specified user status in the supplicant table