ZyXEL

Firmware Release Note

ZyAIR G-500

Release 3.50(HT.1)C0

Date: **August 6, 2004**
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ZyXEL ZyAIR G-500 Standard Version release 3.50(HT.1)C0 Release Note

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Supported Platforms:

ZyXEL ZyAIR G-500

Versions:

ZyNOS F/W Version : V3.50(HT.1) | 08/06/2004 14:44:42
Bootbase Version: V1.02 | 01/19/2004 15:04:00

Notes:

1. WPA Mixed Mode selection item is removed from Web configuration in version 3.50(HT.1).

Known Issues:

1. In Chinese help of Log Setting, it lost one field (Clear log after sending mail) description.

CI Command List:

Features:

Modification in 3.50(HT.1)C0 | 08/06/2004

1   [FEATURE CHANGE]
    Modify to FCS version.

Modification in 3.50(HT.1)b2 | 07/08/2004

1. [BUG FIXED]
    Symptom: eWC\Wizard Setup\IP Address Assignment\'Gateway IP Address' is always saved to 0.0.0.0 after finishing configuration.
2. [BUG FIXED]
    Symptom: eWC\ADVANCED\Wireless\Online help: Some hyperlink topics cannot link to contents correctly.

3. [BUG FIXED]
   Symptom: Traffic freeze while connection is still up after idle timeout in WPA mode.
4. [BUG FIXED]
   Symptom: Station cannot connect to G-500 after roaming from other access point.
   Condition:
   (1) AP1 and AP2 connect to the same switch.
   (2) Station first connects to AP1. AP1 than stop and station connects to AP2.
   (3) AP1 is then started and AP2 is stopped, but the STA cannot connect with AP1 anymore.
5. [BUG FIXED]
   Symptom: Station cannot connect to G-500 successfully in the first time after station disable and enable network card.
   Condition:
   (1) Station connects to G-500 with WPA-PSK mode.
   (2) Station disables the wireless card.
   (3) Station enables wireless card again.
   (4) Station can only connect to G-500 successfully in the second time.
6. [BUG FIXED]
   Symptom: Station cannot connect to G-500 if the roaming is active but the Ethernet port is not connected.

Modification in 3.50(HT.1)b1 | 06/18/2004

1 [FEATURE ENHANCED]
   Support Multi-lingual WEB configuration based on G-500 standard version 3.50(HT.0)C0.

Modification in 3.50(HT.0)C0 | 04/02/2004

2 [FEATURE CHANGE]
   Modify to FCS version.

Modification in 3.50(HT.0)b4 | 03/26/2004

1 [BUG FIXED]
   Symptom: eWC/SYSTEM: Administrator Inactivity Timer will be reset after using telnet to DUT.
2 [FEATURE ENHANCED]
   eWC online help is updated.

Modification in 3.50(HT.0)b3 | 03/12/2004

1 [BUG FIXED]
   Symptom: When setting gateway IP as 0.0.0.0, eWC cannot save it to AP.
2 [BUG FIXED]

Symptom: eWC\REMOTE MAGNT: When Server Access is 'Disable', 'Secured Client IP Address' should be disable.
3 [BUG FIXED]
Symptom: eWC\WIRELESS: Preamble='Auto' should be 'Dynamic'.
4 [BUG FIXED]
Symptom: eWC\Wireless\802.1x/WPA\WPA Group Key Update Timer: status string error when type invalid value.
5 [FEATURE CHANGE]
Remove "Data Group Privacy" item in eWC\WIRELESS 802.1x/WPA page.
6 [FEATURE ENHANCED]
eWC online help is updated.

Modification in 3.50(HT.0)b2 | 02/26/2004

1 [BUG FIXED]
Symptom: eWC:ADVANCED\LOGS\View Log:Wireless logs cannot display.
2 [BUG FIXED]
Symptom: When using duplicate system account login the eWC page, the warning message did not appear.
3 [BUG FIXED]
Symptom: eWC\ADVANCE\IP, "WAN IP Address Assignment" is not correct description.
4 [FEATURE CHANGE]
In eWC\ADVANCE\LOGS, the default Log Schedule should be set to 'None' instead of 'When Log is Full'.
5 [FEATURE ENHANCED]
Add CI command "sys atwe" to modify the MAC address.
6 [FEATURE ENHANCED]
Add WPA counter measure.

Modification in 3.50(HT.0)b1 | 02/06/2004

1. First release for C3 firmware

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
	version			display WLAN version information

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	configure network interface

			<value>|dynamic]	
	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