ZyXEL

Firmware Release Note

ZyAIR G-4100

Release v1.00(ZB.1)C0

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ZyXEL ZyAIR G-4100 Standard Version release v1.00(ZB.1)C0 Release Note

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Supported Platforms:

ZyAIR G-4100

Versions:

Firmware : v1.00(ZB.1)C0
BootCode: v1.02

Known Issues:

1. Printout account's font will become bigger than normal in one account print out. Only one printout will have this issue, the next print out account will be normal.

Features:

Modification v1.00(ZB.1)C0   / Mar 16 ,2005 (Formal Release)
[Modify]
1. Change f/w name to V1.00(ZB.1)C0 for formal release.

Modification v1.00(ZB.1)b7   / Mar 8 ,2005
[Fixed Bugs]
1. The WLAN defalut ESSID should be "ZyXEL"

Modification v1.00(ZB.1)b6   / Mar 8 ,2005
[Fixed Bugs]
1. The WLAN defalut ESSID should be "ZyXEL"
2. WPA-TLS Failed. WiFi will treat any device as pure AP so that they connect the RADIUS server to LAN port, not WAN port.
3. AP out of box setting doesn't follow Basic Rate Set #1 (5.5 and 11 Mbps should considered basic rates as defined in 802.11).
4. When you key in 64 characters Pre-Shared Key, system should reject and show some warning message.
5. WPA-PSK cannot associate successfully when using IBM R51 (Intel(R) PRO/Wireless 2200BG Network connection).

Modification v1.00(ZB.1)b5 / Feb 17 ,2005
[Fixed Bugs:]
      1. (Bug 1081) No message shown after finishing WIZARD
      2. (Bug 1196) user SSL Login Page fail in authentication mode

Modification v1.00(ZB.1)b4 / Feb 1 ,2005
[Fixed Bugs:]
      1. Zyxel's ADSL modem PPTP connection support(RFC 1483)
      2. (Bug 1082) Muticast issue
      3. (Bug 1174) DHCP Server 's Primary DNS setting
      4. (Bug 1183) The value of expiration only can accept first 3 digit.
[Modified]
      1. Update AP firmware from V1.0.4.3 to V1.2.8.0.

Modification in v1.00(ZB.1)b3 / Nov 30, 2004
[Fixed Bugs:]
      1. System Status -> Current User page issue a. Index No. always be 1
      2. Session trace record shows VLANID but environment doesn't have any VLANID setting.

Modification in v1.00(ZB.1)b2 / Nov 26, 2004
[Fixed Bugs:]
      1. Https Port can be customizable, and can be select that Https only

Modification in v1.00(ZB.1)b1 / Nov 25, 2004
[New features:]
      1. Combo Function (Radius Client)
      2. Session Trace Record
      3. Customizable Standard Login Page
      4. Https Port can be customizable, and can be select that Https only
      5. File path field should keep setting
[Fixed Bugs:]
      1.The clients (B or G) can't   connect to G-4100 when use windows utility
        in WPA-PSK mode.

Modification in v1.00(ZB.0)C0 / Nov 8, 2004 (Formal Release)
[Modified]
      1. Change firmware name from v1.00(ZB.0)b26 to v1.00(ZB.0)C0

Modification in v1.00(ZB.0)b26 / Nov 2, 2004
[Fixed Bugs]
      1. Low transfer throughput (TX) occured when G-STA associated only.
      2. 64/128 WEP key can be printout when disable security on wireless page.
      3. Printout speed cannot run smoothly.

Modification in v1.00(ZB.0)b25 / Oct 18, 2004
[Fixed Bugs]
      1. LAN to WAN ftp get throughput only has 1.4 Mbps!
      2. WPA-PSK will fail on odesy client.

Modification in v1.00(ZB.0)b24 / Oct 18, 2004
[Fixed Bugs]
      1. Extra field for printer receipt, 4 line on top, 10 line on bottom
      2. (960) account generate printer printout issue
      3. Wall Garden import problem
      4. (969) import configuration file will make DUT reset
      5. RL Dram has data abort problem.
         Situation Note: While doing firmware upgrade, subscriber cannot
         get ip from DUT after reboot. This situation happens randomly.

Modification in v1.00(ZB.0)b23 / Oct 16, 2004
[Fixed Bugs]
      1. (Bug 960)account generate printer printout issue
      2. (Bug 964)Network connection fail for every 10 minutes
      3. (Bug 965)configuration import error
      4. (Bug 967)Wall Garden URL length overflow while import config file
      5. (Bug 969)import configuration file will make DUT reset
      6. (Bug 970)Import problem
      7. (Bug 971)credit card problem
      8. (Bug 972)WPA enterprise mode wireless subscriber fail get ip address!
      9. (Bug 973)typing mistake in lan device alert message

Modification in v1.00(ZB.0)b22 / Oct 14, 2004
[Fixed Bugs]
      1. Extra field for printer receipt, 4 line on top, 10 line on bottom
         (B-4000 already have)
      2. Add description on "Ping" command page and fix the bug.   Example
         description "This feature tests your Internet connection, so the
         destination IP address must be on the WAN.
         Do not use a LAN IP address."(B-4000 already have)
      3. (Bug 959)upgrade firmware will make system unstable

4. (Bug 960)account generate printer printout issue
5. (Bug 961)Wireless Encryption status shown error in QuickView
6. (Bug 962)Date/time format issue in Post Paid Preview
7. (Bug 963)Tax/Total field default input coudn't be changed
8. Transfer throughput is too low when G-STA associated only.

Modification in v1.00(ZB.0)b21 / Oct 8, 2004
[Fixed Bugs]
1. (Bug 882)account printout preview date/time error.
2. (Bug 895)pre-shared key length doesn't check.
3. Wireless Beacon Interval always is 100 msec
4. Preamble Type always is Dynamic mode
5. Enter space \n (B-4000 already have)
6. User Session Limit (B-4000 already have)
7. WEP-ASCII key print out problem (B-4000 already fixed)
8. Extra field for printer receipt, 4 line on top, 10 line on bottom
   (B-4000 already have)
9. Add description on "Ping" command page and fix the bug.   Example
   description "This feature tests your Internet connection, so the
   destination IP address must be on the WAN.
   Do not use a LAN IP address."(B-4000 already have)
10. Customize printout for ',','/'.' in Germany to handle 1,16 and in
    another country to handle 1.16 (B-4000 already have)
11. Add customizable item.   in Previews and printouts there comes
    still partly English example"Accumulation" you see "Please finish
    your usage time within 3 months after your first login" and you
    cannot customize this (B-4000 already have)
12. add the common date format DD.MM.YYYY (B-4000 already have)
13. Change account list "in-used" to "in-use"   (B-4000 already fixed)
14. Unused account time change unit to "minute" range 30~120
    (B-4000 already have)
15. Etherenet AP user remove to wireless interface problem (B-4000 already fixed)
16. Tax calculation mistake (B-4000 already fixed)
17. eWC\ADVANCED\wireless\Beacon interval is set to available range(1-1000)
    but beacon interval always keep 102400 microseconds.
18. RTS Threshold:When a data frame exceeds the RTS/CTS value you set,
    DUT doesn't send an RTS message to STA.
19. eWC\QUICK VIEW\Traffic:Each field of TxData, RxData, TxError and RxError data
    should add border.
20. Fragmentation threshold:When a data frame exceeds the fragemention threshold value
    you set, DUT doesn't fragment this data frame.
21. Customer report no matter ASCII or HEX are used on GUI as WEP key the AG-100 printer
    will always print the KEY in HEX.

22. Use the 'ping' function from G-4100 GUI caused the G-4100 no ICMP response.

Modification in v1.00(ZB.0)b20 / Sep 21, 2004
[Fixed Bugs]:
    1.(Bug 891)wireless configuration setting function fail

Modification in v1.00(ZB.0)b19 / Sep 19, 2004
[Fixed Bugs]:
    1. (Bug 890)wireless 128 bit WEP key security function fail.
    2. Help pages issues.

Modification in v1.00(ZB.0)b18 / Sep 14, 2004
[Fixed Bugs]:
    1. (Bug 872)The logout functon failed.
    2. (Bug 873)Location Information problem
    3. (Bug 880)System Boot Notice log wouldn't be sent to syslog server.
    4. (Bug 881)WPA function fail!

Modification in v1.00(ZB.0)b17 / Sep 09, 2004
[Feature enhance]:
    1. Add ZyXEL help pages.

Modification in v1.00(ZB.0)b16 / Aug 31, 2004
[Fixed Bugs]:
    1. (Bug 819)The preview message is wrong.
    2. (Bug 822)account printout error

Modification in v1.00(ZB.0)b15 / Aug 30, 2004
[Fixed Bugs]:
    1. (Bug 737)system hang problem
    2. (Bug 780)g-4100 system hang!
    3. (Bug 818)system hang problem happened when perform WPA function test!
    4. Watchdog issue.
    5. WPA PSK doesn't show in all preview pages and printout of AG.
    6. There is no WPA Encryption setting inWIZARD->ACCOUNTING->Customize printout text.

Modification in v1.00(ZB.0)b14 / Aug 27, 2004
[Fixed Bugs]:
    1. (Bug 783)change the wan mac would make DUT crash
    2. (Bug 809)system hang problem
    3. (Bug 810)DUT crash after reboot two or three times
    4. When the administrator changes the radius server configuration (change to another radius server), the client PC need pop up a window for username and password automatically.

5. MIC COUNTER MEASURE issue

Modification in v1.00(ZB.0)b13 / Aug 20, 2004
[Fixed Bugs]:
    1. (Bug 737)system hang problem.
    2. (Bug 780)g-4100 system hang!
    3. (Bug 782)NTP problem!
    4. (Bug 783)change the wan mac would make DUT crash

Modification in v1.00(ZB.0)b12 / Aug 05, 2004
[Fixed Bugs]:
    1.(Bug 775) WPA rekeying function doesn't work. Re-designed the rekeying operation.
    2. 802.11b channel 6 problem resolved.
    3. DUT hangs when WPA is clicked often is resolved.

Modification in v1.00(ZB.0)b11 / Aug 03, 2004
[Fixed Bugs]:
    1.   Wireless client can't get ip from DUT in WPA mode.
    2.   [Bug 775] WPA rekeying function doesn't work.
    3.   WPA MIC Counter Measures on receiving MIC failure is added.

Modification in v1.00(ZB.0)b10 / Jul 22, 2004
[Fixed Bugs]:
    1. System hang problem.
    2. printing problem using sp-200
[New features]:
    1.   Firmware Upgrade Status Information.

Modification in v1.00(ZB.0)b9 / Jul 6, 2004
[Fixed Bugs]:
    1.   The wireless channel setting UI just support channel 1 to channel 11.

Modification in v1.00(ZB.0)b8 / Jul 1, 2004
[Fixed Bugs]:
    1. (Bug 656)when perform firmware download, the web page display abnormal.
    2. (Bug 660)Proxy user cause dut crash (no authentication).
    3. (Bug 669)the pass-through page sometimes show wrong page!
    4. (Bug 713)Credit Card CP Version error.
    5. (Bug 714)SYN Flood attacking decrease DUT's networking performance. (compare with B-4000).
    6. (Bug 732)No Wireless Association Information and Wireless trafic shows in syslog.
    7. After DUT downloads the Synchronization Check File to check , DUT doesn't download the firmware ,no matter if the filename is b4000.bin (default) or g4100.bin (we modified)

Modification in v1.00(ZB.0)b7 / Jun 28, 2004
[Fixed Bugs]:

1. (Bug 725)wireless traffic column has no information displayed!
2. (Bug 726)wireless service fail problem!
3. (Bug 728)wireless throughput issue!
4. (Bug 729)wireless client dhcp problem!
5. After DUT downloads the Synchronization Check File to check , DUT doesn't download the firmware ,no matter if the filename is b4000.bin (default) or g4100.bin (we modified)

Modification in v1.00(ZB.0)b6 / Jun 24, 2004
[Fixed Bugs]:

1. (Bug 673)configure walled garden page, the status bar always show "ready"!
2. (Bug 710)wireless function fail.
3. (Bug 712)WPA-PSK cause the DUT networking fail.
4. (Bug 715)DUT as PPTP client function fail.
5. (Bug 716)Configuration Restore function fail.
6. (Bug718)Customization Information Windows screen "Warming/Alarmmessage" Warming should be warning.
7. (Bug 720)Reset button can't work properly.
8. (Bug 722)Web server port is always 80.
9. The sample synchronization check file still shows b4000 instead of g4100.
10. After pressing apply,the page sometimes shows management UI login page.

Modification in v1.00(ZB.0)b5 / Jun 14, 2004
[Fixed Bugs]:

1. (Bug 667)VPN connection can be established through DUT without authenticatuon.
2. (Bug 670)lay 2 isolation function not work!
3. (Bug 675)DHCP pool size only 253 not 1024.
4. (Bug 676)DDNS "Update Status Now" function fail when using dyndns.
5. (Bug 678)DDNS status display and Update Status Now button error.

Modification in v1.00(ZB.0)b4 / May 19, 2004
[Fixed Bugs]:

1. (Bug 655)Detailed system information/ network traffic doesn't have information.
2. (Bug 659)upload the logo to DUT and preview will cause the DUT reboot immediately!
3. (Bug 671)configuration backup restore fail!
4. (Bug 672)syslog function seems not work!
5. (Bug 677)download CA into DUT cause the system rebooting continually!

Modification in v1.00(ZB.0)b3 / May 17, 2004
[Fixed Bugs]:

1. The system will crash When the accounting back function is enabled.

2. It will cause system crash to add pass through url in "PASS THROUTH" page.

Modification in v1.00(ZB.0)b2 / May 14, 2004
[Fixed Bugs]:
1. (Bug 653)User Agreement authentication can't work.
2. Can't setup the lease time of DHCP server on Advance\server page.