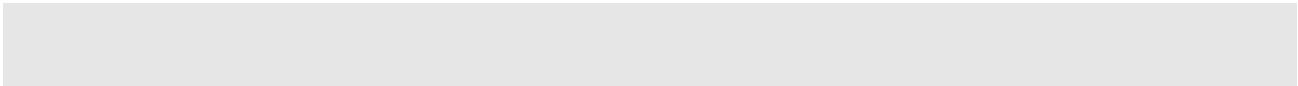
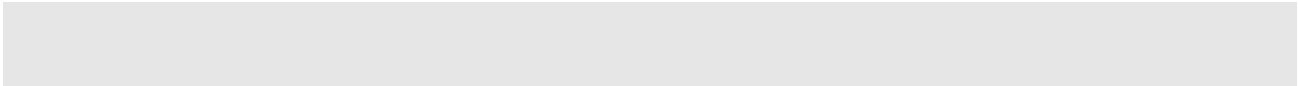


WGP500

©2008





Arial

[] []

{ x | y | ... }

[x | y | ...]

//

1.

~

2.

3.

Enter a

a

“ → ”

→

1+ 2
“ Alt ” “ A ”

Ctrl+Alt+A “ Ctrl ”

1 2

Alt F Alt

F

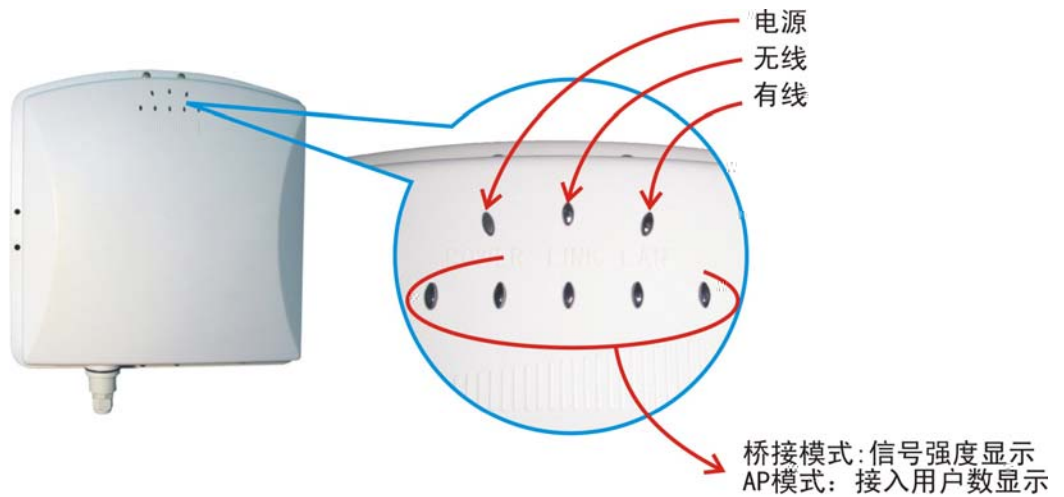
6	FAQ	47
6.1	MAC	47
6.2	STA AP?	47
6.3	?	47
6.4		48
6.5	..	48
6.6	WEB	49
7		50
7.1		50
7.2		53
7.3	ASCII	54

1

IEEE 802.11g ,
ISP

RG-WGP500 2.4GHz ,
RG-WGP500

1.1



1.2 LED

LED Bridge LED
AP STA

LED

	LED
0% ≤ P ≤ 10%	
10% < P ≤ 50%	
50% < P ≤ 60%	
60% < P ≤ 80%	
80% < P ≤ 90%	
90% < P ≤ 100%	

AP LED

AP STA	LED
0	
1 ≤ ≤ 5	
6 ≤ ≤ 10	
11 ≤ ≤ 15	
16 ≤ ≤ 20	
20 STA	

1.3

- 1 RG-WGP500
- 2 RG-WGP500 2
- 3 RG-WGP500

2.4GHz ISM

MAC

WEP64/128/152

802.1X, WPA, WPA-PSK, WPA2, WPA2-PSK

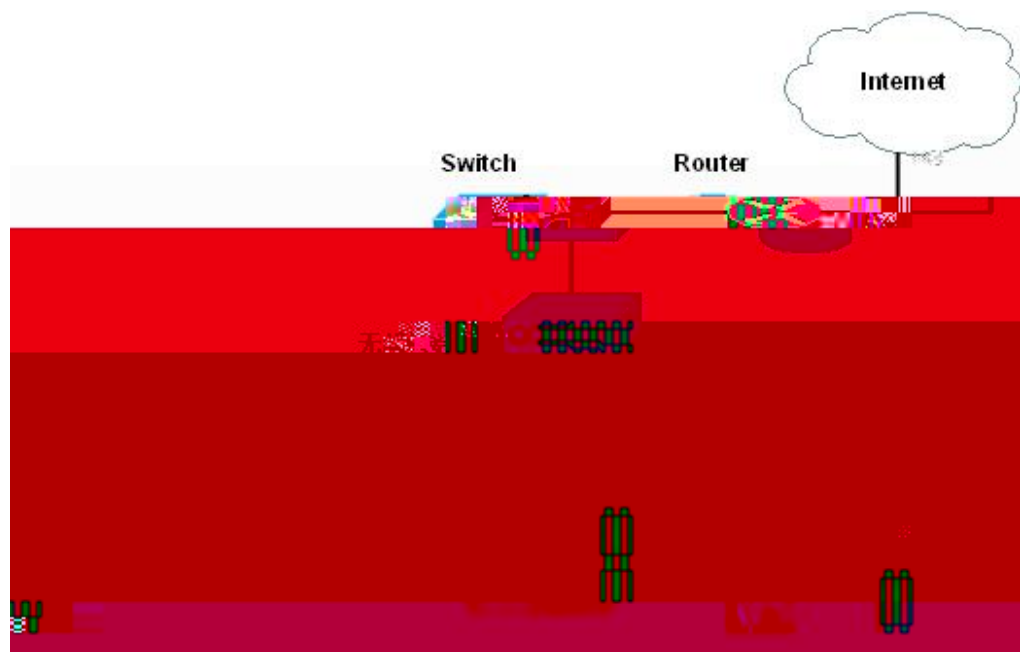
8 VAP(Virtual Access Point) 802.1Q VLAN

Super Regatter

WEB,SNMP, CLI

12V

1.4



1.5

E-mail

3

3.1

	admin
	password
	APxxxxxx xxxxxx 6 MAC
/	
AP	
IP	IP STATIC IP 192.168.0.228 255.255.255.0 0.0.0.0 / DNS 0.0.0.0
	802.11g
/	13/2.472GHz
	48Mbps
	Full
CTS	
RTS	2346
	2346
	100
DTIM	1



WMM	
SSID	Wireless
802.1Q VLAN	Disable
NTPD	
VoIP	
SNMP	SNMP Trap Server 192.168.0.254 Read Community public Write Community private

3.2 IE Web

Web

IE6.0



IP	IP	£
----	----	---

2. “ ”

User Name:	admin
Password:	*****
Language:	
LoginCancel	

3. Username

基本信息

接入点信息

接入点名称	AP8e7d1b
MAC地址	00:60:B3:8E:7D:1B
无线卡片名称	XG-622H
国家/区域	中国
软件版本号	4.0.9_b500 (Jul 25 2007)
Bootloader版本	1.9(c) 2006/10/25
虚拟局域网 管理 VLAN ID	关闭

当前IP设定

IP类型	STATIC
IP地址	192.168.0.229
子网掩码	255.255.255.0
默认网关	0.0.0.0

当前无线设定

操作模式	桥接（多点）
信道/频率	1 / 2.412GHz
支持802.11n	否
安全配置文件	

No.	配置文件名称	SSID	安全	VLAN	状态
1	Profile1	Wireless	开放系统		打开

3.3

“ ”

基本设置

接入点名称

AP32f2b9

国家区域

中国

有线端速率

自适应

☐ 启用 NAT

☒ 网桥

STATIC

☐ 路由器

☐ 启用 AnyIP

生成树协议

☒ 打开 ☐ 关闭

192.168.0.228

IP地址

255.255.255.0

子网掩码

0.0.0.0

默认网关

0.0.0.0

主DNS服务器

0.0.0.0

从DNS服务器

取消

应用

确定

帮助

复制

清除

NetBIOS 15 0-9 A-Z
a-z - WINS “ ap030201 ” Enter WEB
IP IE ping “ ap030201 ” Enter WEB
ping Ping ap030201

Š APxxxxxx Œ xxxxxx MAC 6 Œ
£ WINS æ TCP/IP
IP æ Š IP Š 192.168.0.228 æ IP
192.168.0.X £

/ 2.4GHz / 2.4GHz

/	(802.11g and 11b)
	1-13
	1-13





DHCP Client
DNS

DHCP Server
DNS

IP

“

”

“

”

“

”



RTS

CTS

RTS

AP

AP

AP

AP

256-2346

MAC

RTS

ø

RTS

0

ø RTS/CTS

£

20 1000

DTIM

1 255

AP

STA

STA

STA

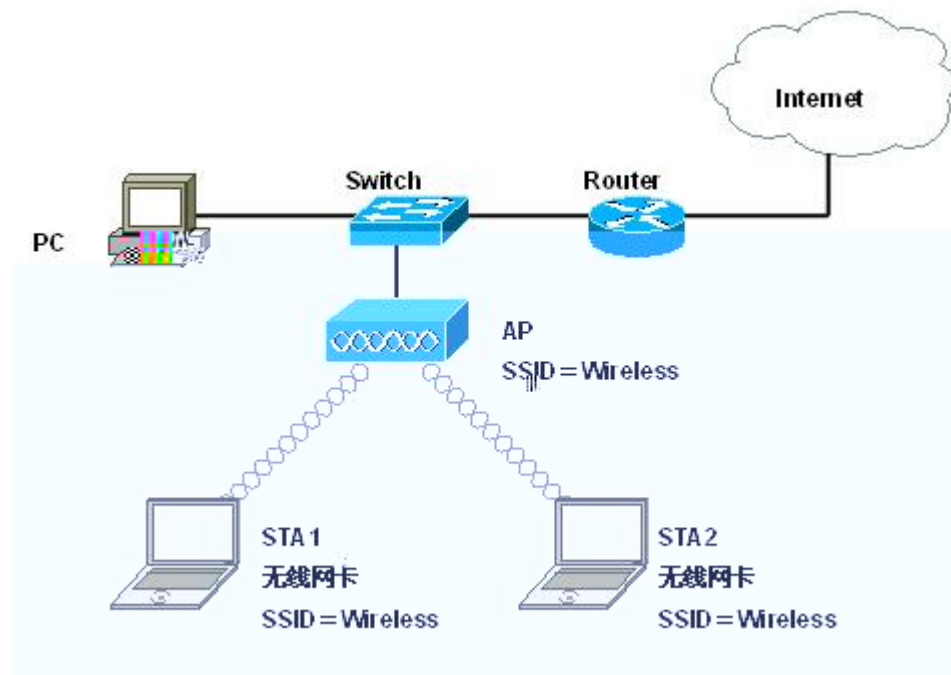
AP

AP

Super G Super

5M

STA



STA1 STA2 SSID AP PC Internet

1. AP 801.11b
2. “ ” Profile1~9 802.1Q VLAN
3. Profile ESSID, Security
802.1X WPA Radius
4. STA AP

4.1 RADIUS

RADIUS

首选的

IP地址

端口号

共享密钥

备用的

IP地址

端口号

共享密钥

重认证间隔：

3600

秒

☒ 全局密码更新

☐ 每 3600 秒

☐ 每 1000 x1000 数据包

☐ 如果有 Station 断开将更新

0.0.0.0

计帐RADIUS服务器配置

首选的

IP地址

端口号

共享密钥

端口号

1813

/ RADIUS

RADIUS RADIUS IP RADIUS
IP RADIUS IP

RADIUS

AP RADIUS

31

STA

STA

RADIUS

RADIUS

IP

RADIUS

RADIUS

RADIUS

IP

RADIUS

IP

: RADIUS

AP RADIUS

31

4.2 VAP 配置 AP 配置

VAP

8

VLAN

ESSID

AP

8

AP

ESSID

安全配置文件设置

安全配置文件					
	#	配置文件名称	SSID	安全	打开
	1	Profile1	Wireless	无线连接	☒
2		Wireless	无线连接	☐	2 Profile

Profile



IEEE 802.1x

EAP 802.1x, RADIUS Server , 802.1x WEP

WPA with Radius, WPA2 with Radius, WPA & WPA2 with Radius
RADIUS

WPA-PSK, WPA2-PSK, WPA-PSK & WPA2-PSK WPA WLAN (AP
WPA)

64 bits 10

128 bits 26

152 bits 32

TKIP WPA with Radius WPA-PSK

AES WPA 2with Radius WPA2-PSK

TKIP+AES WPA & WPA2 with Radius WPA-PSK&WPA2-PSK

Passphrase “ ”

4.3 Bridge

Bridge

TKIP

AES

WEP, TKIP, AES

WDS

安全配置文件 9 配置

网络认证方式：

开放系统

数据加密方式：

64位WEP

Passphrase：

产生密钥

密钥 1：

C6774663DD

密钥 2：

AF6BD13ECD

密钥 3：

8E33FB2BF1

密钥 4：

CF12611E1D

对等模式认证者角色

☐ 否 ☒ 是

WDS

4.4 802.1Q VLAN

AP

802.1Q VLAN



☐ 启用 802.1Q VLAN

管理 VLAN ID:

0

安全配置文件VLAN ID

Profile1 VLAN ID:

Profile2 VLAN ID:

Profile3 VLAN ID:

Profile4 VLAN ID:

Profile5 VLAN ID:

Profile6 VLAN ID:

Profile7 VLAN ID:

Profile8 VLAN ID:

VLAN ID

VLAN ID

AP

VLAN ID

SSID

VLAN ID ID

1 ~

4094

ID

APN6PU6\$uHj@

配置AP作为

☐ 网桥 STATIC ☒ 路由器 ☐ 启用 AnyIP ☒ 启用 NAT

广域网端口

☒ 有线端 STATIC

IP地址

子网掩码

默认网关

主DNS服务器

从DNS服务器

☐ 无线端 STATIC

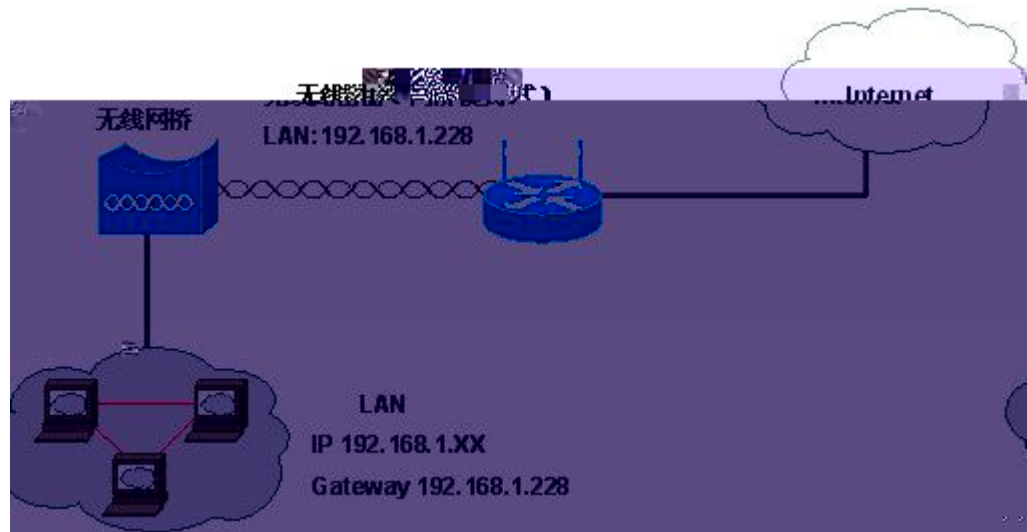
IP地址

子网掩码

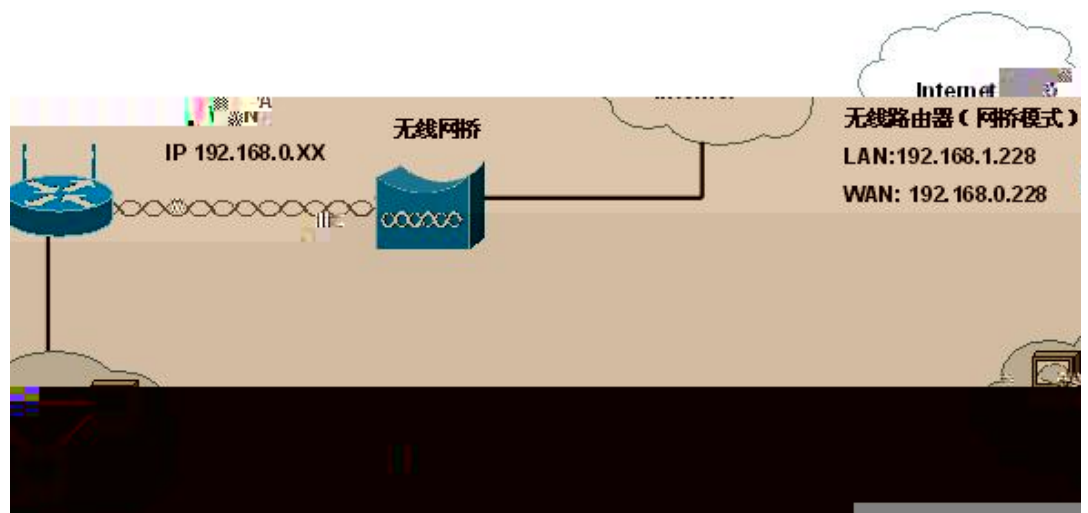
默认网关

IP WAN IP LAN IP

ŏ Ő Ő Ő Ő



ŏ ŏ Ő Ő Ő



ŏ AP ŏ Ő Ő Ő

“ AP ”
WAN

LAN



AP+ —

“ AP+ ”
WAN

LAN



AnyIP

LAN

IP



AP 108Mbps
108Mbps

108Mbps

	108Mbps	108Mbps
--	---------	---------

4.10 Smart WDS

Smart WDS ID	WDS	WDS MAC
“ WDS ”	“ Smart WDS ”	ID 32
WDS ID	Bridge123	
ID	Smart WDS	“ ” “ ”

WDS设定

操作模式

桥接（多点）

无线端隔离

☐ 是 ☒ 否

☒ 无线点对多点桥接

MAC地址/下行流量

删除

☐ 启用 Smart WDS

WDS组ID

AP MAC

下行流量

x64Kbps

添加

手工添加点对多点MAC地址/

MAC地址/下行流量

8	Smart WDS	ID
	9	10
ID	ID	
11		ID
9	2	

Smart WDS	£
-----------	---

4.11

IP

WDS设置

操作模式

桥接（多点）

无线端隔离

☐ 是
 ☒ 否

☒ 无线点对多点桥接

MAC地址/下行流量

删除

☐ 启用 Smart WDS

WDS组ID

下行流量

x64Kbps

添加

手工添加点对多点MAC地址/

MAC地址/下行流量

192.168.0.227 IP AP1

/ /

3. ping

PC1 ping 192.168.0.2 PC2 192.168.0.227 AP1 192.168.0.228 AP2

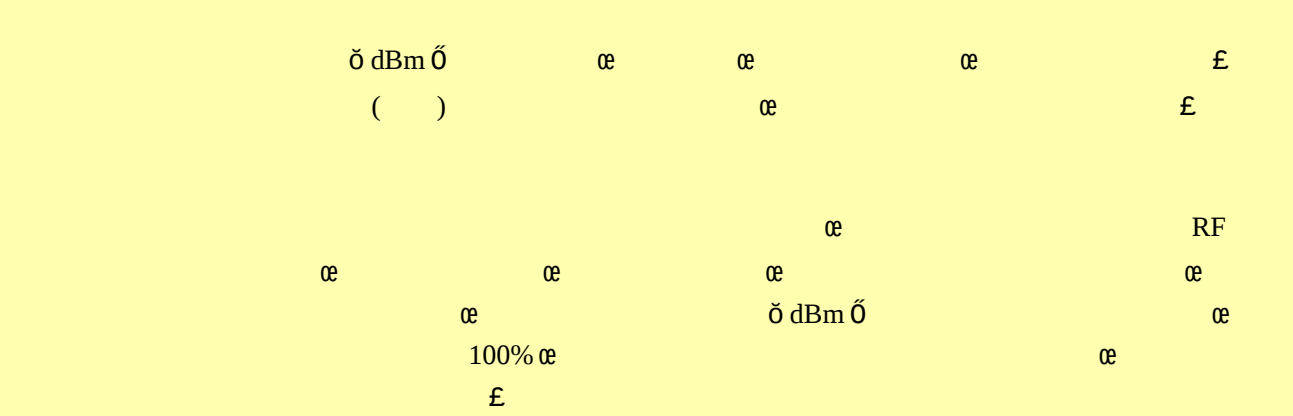
4. /

PC1 PC2

5. “ ”

6. “ ” 10000m “

RF



7.



无线STA列表

STA ID	MAC地址	IP地址	RSSI(dBm)	状态	输出数据包	输入包	输出字节	输入字节
1	00:16:6F:06:B7:AE		-67	Associated	2	1	84	342

刷新

更改密码

当前密码

新密码

重输新密码

恢复默认密码

☐ 是

☒ 否

确定

取消

password

19

“

”

password

5.5

WEB

更新软件

浏览查找软件文件:

浏览...

上载

```
C:\>ftp 192.168.0.228
Connected to 192.168.0.228.
220 (vsFTPd 1.1.3)
User (192.168.0.228:(none)): admin
331 Please specify the password.
Password:
230 Using binary mode to transfer files. Login successful. Have fun.
ftp> put RG-WGP500.rmt
200 PORT command successful. Consider using PASV.
150 Ok to send data.
226 File receive OK.
ftp: 3973128 bytes sent in 0.55Seconds 7263.49Kbytes/sec.
ftp> quit
221 Goodbye.
```

3.

RG-WGP500.rmt	œ	œ	œ
œ	œ	œ	œ

5.6

Web

备份 / 恢复设定

当前设设备备份到一个文件

从文件中恢复备份设定

文件:

恢复出厂默认设定

1. “ / ” “ ”
C:\RG-WGP500.cfg
RG-WGP500.cfg
2. “ / ” “ ” “ ”
C:\RG-WGP500.cfg “ ”

FTP

1. ftp 192.168.0.228 admin password
2. “ get RG-WGP500.cfg ”
C:\RG-WGP500.cfg

```
C:\>ftp 192.168.0.228
Connected to 192.168.0.228.
220 (vsFTPD 1.1.3)
User (192.168.0.228:(none)): admin
331 Please specify the password.
Password:
230 Using binary mode to transfer files. Login successful. Have fun.
ftp> get RG-WGP500.cfg
200 PORT command successful. Consider using PASV.
150 Ok to send data.
226 File receive OK.
ftp: 3973128 bytes sent in 0.55Seconds 7263.49Kbytes/sec.
ftp> quit
221 Goodbye.
```

3. “ put RG-WGP500.cfg ”

RG-WGP500.cfg 的 名称 为

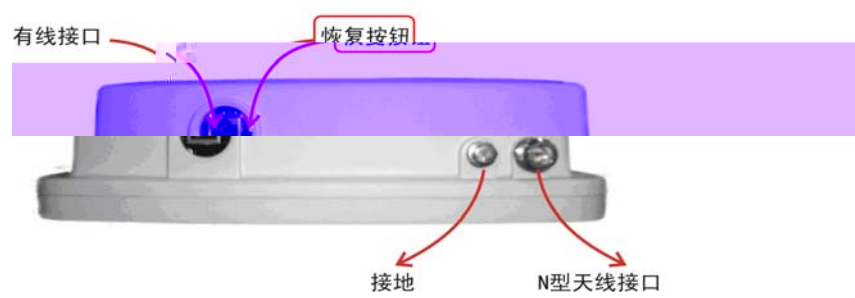
5.7

Web

“ / ” “ ”

Reset

“ Reset ” 5



5.8

“ ” “ ”

重启AP

重启AP: ☐ 是 ☒ 否

5.9

AP

SNMP

SSH

PPTP

远程管理设置

SNMP

☒ 打开 ☐ 关闭

Trap Server IP: 192.168.0.254

Read Community: public

Write Community: private

SSH

用户名: [text box]

密码: [text box]

IP地址: [text box]

Read Community

Write Community

“ ”

2. FTP MIB file

ftp 192.168.0.228 admin password

“ get RG-WGP500.mib ”

RG-WGP500.mib

```
C:\>ftp 192.168.0.228
Connected to 192.168.0.228.
220 (vsFTPD 1.1.3)
User (192.168.0.228:(none)): admin
331 Please specify the password.
Password:
230 Using binary mode to transfer files. Login successful. Have fun.
ftp> get RG-WGP500.mib
200 PORT command successful. Consider using PASV.
150 Opening BINARY mode data connection for /mnt/ramd/RG-WGP500.mib (35518
bytes).
226 File send OK.
ftp: 35518 bytes received in 0.03Seconds 1183.93Kbytes/sec.
ftp> quit
221 Goodbye.
```

RG-WGP500.mib

œ

T

SSH AP

CLI

SSH

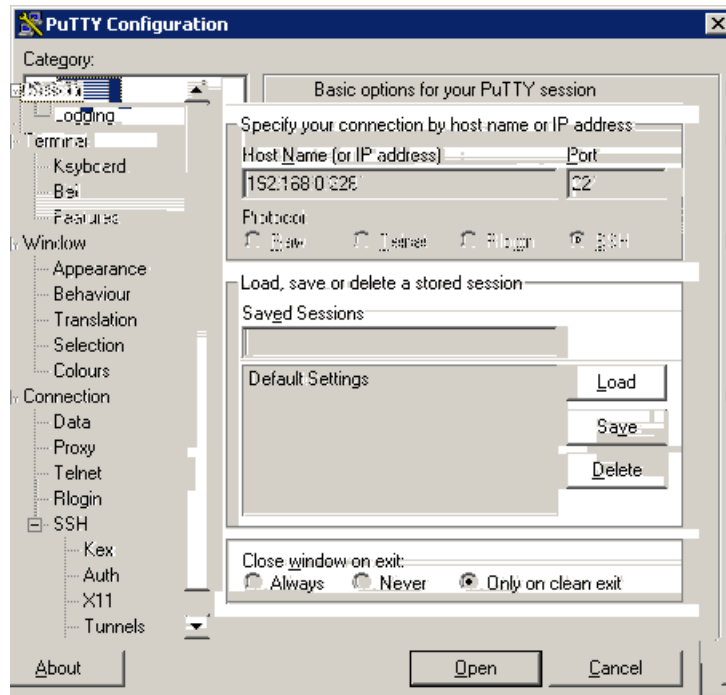
Putty

1. Putty

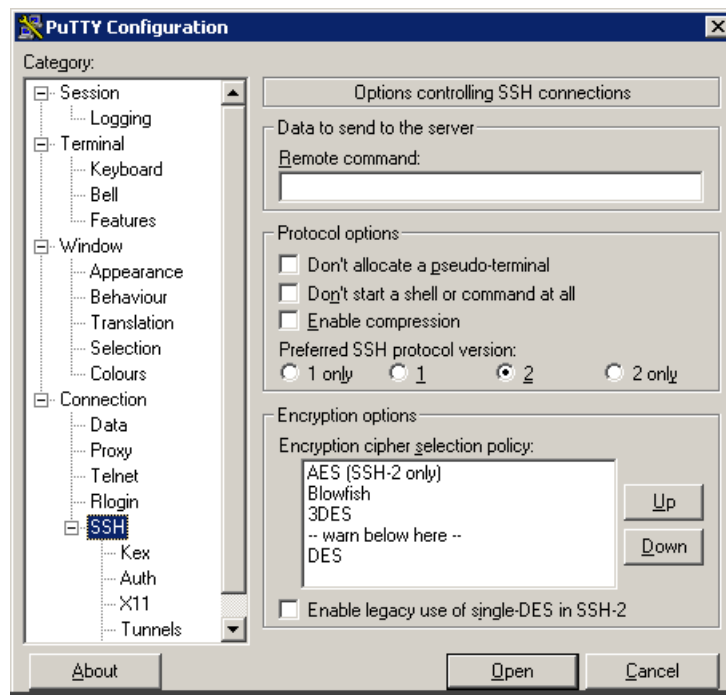


putty.exe

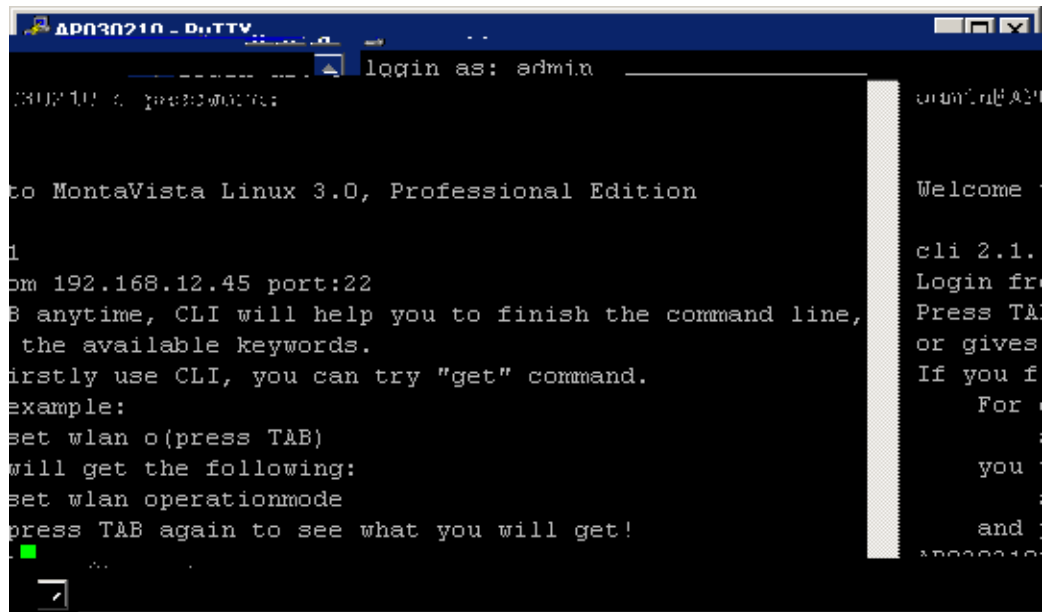
2. IP , Protocol SSH.



3. "SSH" Encryption cipher selection policy ,
"3DES"



4. Open



/ admin/password

5. “ help ”

PPTP AP

PPTP

PPTP

SERVER

VPN

Win2000server/Win2003Server

SERVER

1. SERVER

“ MS-CHAPV2 ”

IP
”

“

IP

”

“

IP

2. PPTP PPTP

3. VPN

“ ”

4. PPTP

IP

5. PPTP

5.10

STA



6 FAQ

6.1 MAC

MAC

MAC

Web

MAC

6.2 STA AP?

STA
AP

AP

STA

STA
AP

AP
AP

AP

STA

STA

STA
STA

AP

2.4G

STA AP
AP

STA

802.11

6.3 ?



Super G	
(Regatta)	
XDos	

~08ba HB\$&H*~08ba!"A6gf0

7.2

802.11g	IEEE802.11g ISM 2.4GHz 54Mbps OFDM 11a 54Mbps 11b
Access Point	Access Point AP PC AP
Infrastructure	Access Point
ESS	infrastructure BSS Extended Service Set (ESS) ESS roaming BSSs AP ESSID channel roaming
WEP	“Wired Equivalent Protection ” WEP 40bits/128bits encryption IEEE 802.11 WEP
Access Control	Access Control table MAC AP
Bridge	OSI
DHCP Client Server	DHCP IP DHCP Client DHCP Server IP
Encryption	WAN
IP Address and Network Mask	IP
LAN&WAN	
MAC Address	MAC 6 IEEE MAC
NetBIOS	

-	2D	E	45	]	5D	u	75
.	2E	F	46	^	5E	v	76
/	2F	G	47	_	5F	w	77
0	30	H	48	`	60	x	78
1	31	I	49	a	61	y	79
2	32	J	4A	b	62	z	7A
3	33	K	4B	c	63	{	7B
4	34	L	4C	d	64		7C
5	35	M	4D	e	65	}	7D
6	36	N	4E	f	66	~	7E
7	37	O	4F	g	67		
8	38	P	50	h	68		