

PPTP 用戶端訊息

類型： Windows 2000 /XP PPTP 用戶

IP： 192.168.10.107(路由器發的 IP)

閘道器 IP： 192.168.10.1(路由器 GATEWAY 的 IP)

路由器 WAN 的 IP： 218.167.16.222

PS： 路由器能透過 PPTP 穿過

PPTP 伺服器訊息

類型： FBR-1411TX PPTP 伺服器

IP： 218.167.13.93

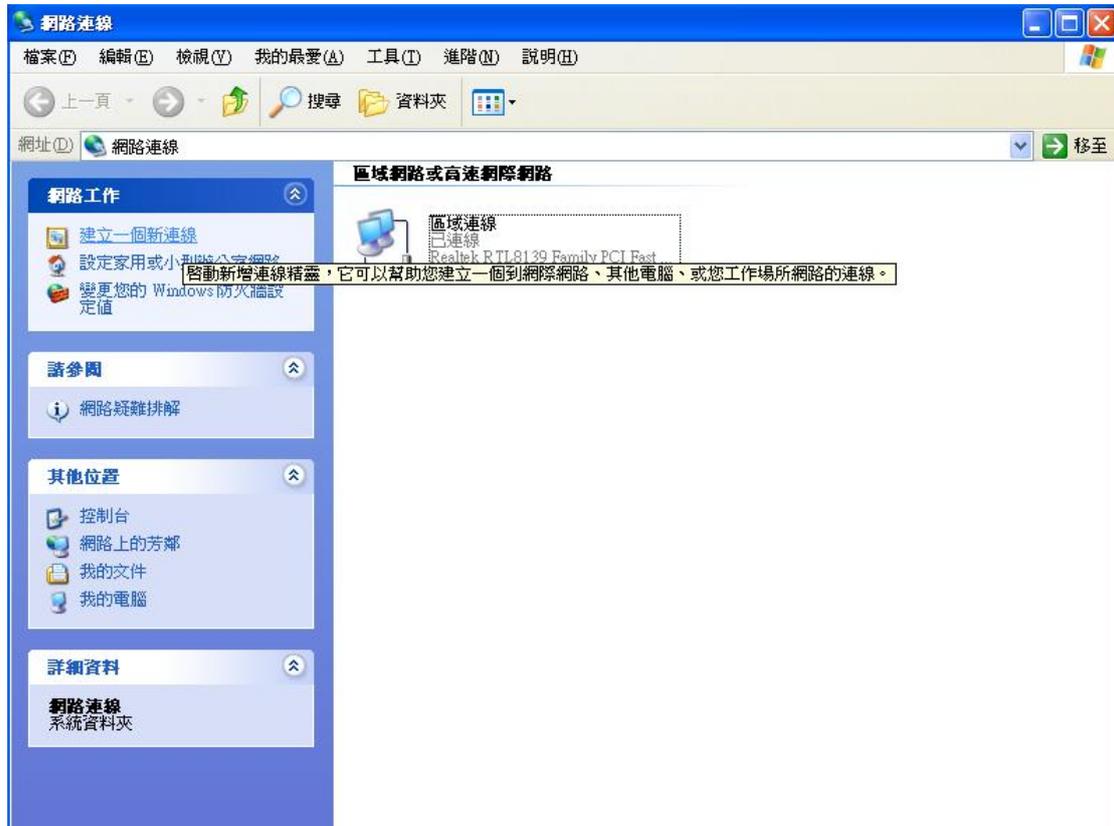
測試韌體版本： R1.00c4v

Win2000/XP PPTP VPN 客戶設定：

(1) 網路連接設定



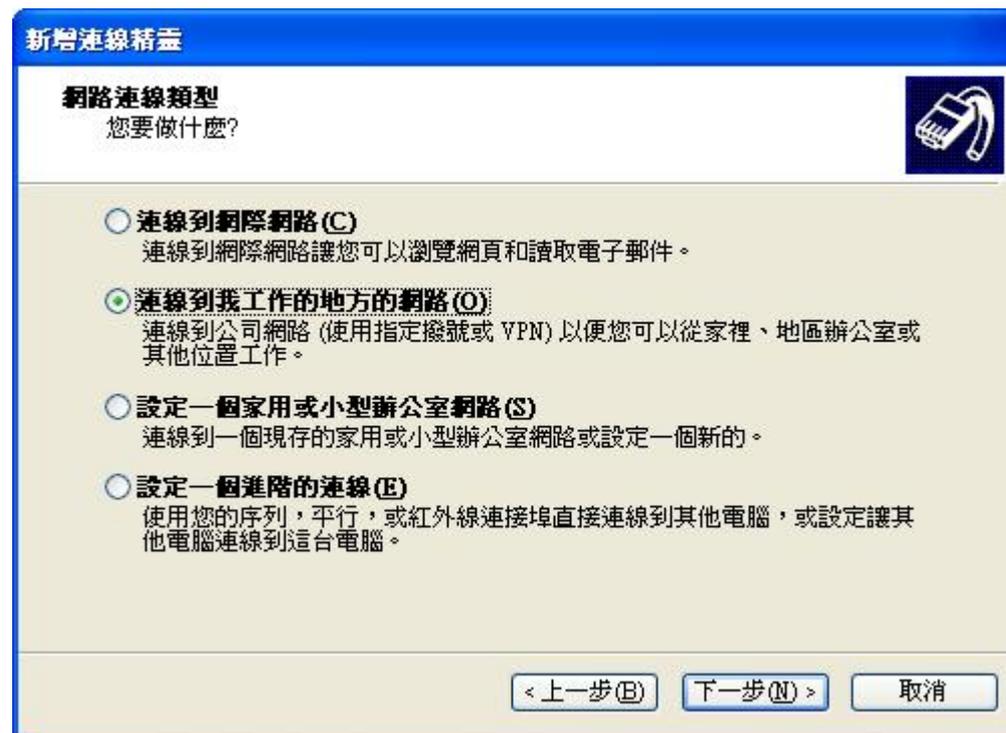
(2) 網路連線



(3) 建立一個新連線精靈



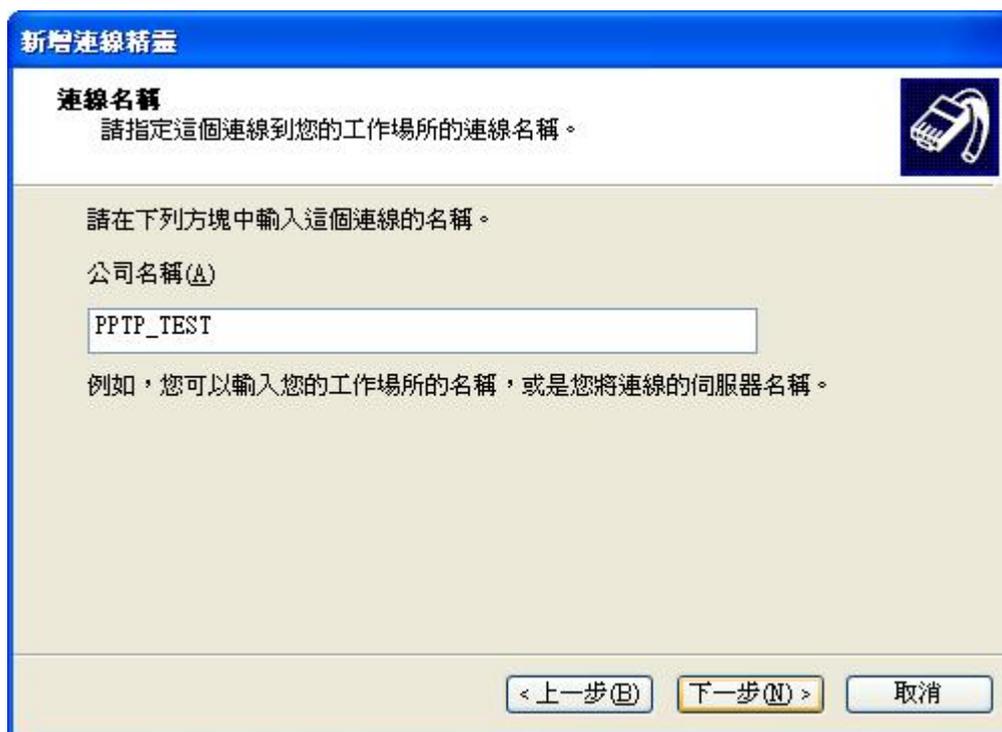
(4) 選擇網路連線類型” 連線到我工作的地方的網路” 下一步



(5) 選擇” 虛擬私人網路連線” 下一步



(6) 給一個連線”名稱” 下一步



新增連線精靈

連線名稱
請指定這個連線到您的工作場所的連線名稱。

請在下列方塊中輸入這個連線的名稱。

公司名稱(A)

PPTP_TEST

例如，您可以輸入您的工作場所的名稱，或是您將連線的伺服器名稱。

< 上一步(B) 下一步(N) > 取消

(7) 輸入你將要連線電腦主機 PPTP VPN 伺服器 IP



新增連線精靈

選取 VPN 伺服器
VPN 伺服器的名稱或位址為?

請輸入您正要連線的電腦主機名稱或 IP 位址。

主機名稱或 IP 位址 (例如 microsoft.com 或 157.54.0.1)(H):

218.167.13.33

< 上一步(B) 下一步(N) > 取消

(8) 完成



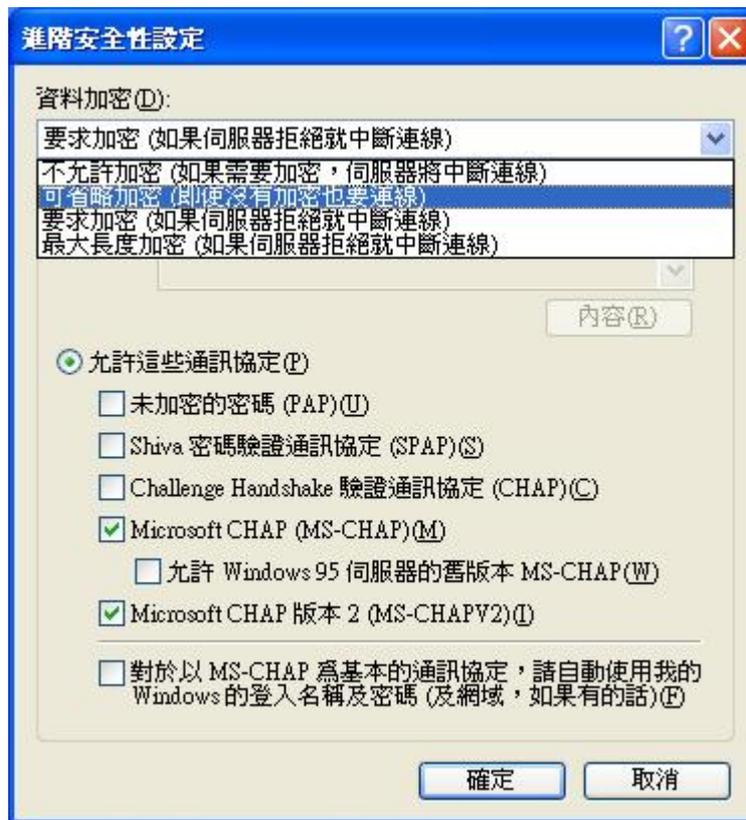
(9) 按下”內容”這個按鈕



(10) 選擇” 安全性→進階→設定”



(11) 確定資料加密類型選擇”可少略加密（即使沒有加密也要連線）” 按下確定



FBR-1411TX PPTP VPN 伺服器確定：

(1) FBR-1411TX 的系統狀態

The screenshot displays the web console interface for the FBR-1411TX Broadband NAT Router. The browser window title is "FBR-1411TX Broadband NAT Router Web-Console - Microsoft Internet Explorer". The address bar shows "http://192.168.123.254/". The page header includes the "level one" logo and the text "BroadbandRouter". Navigation links include "Status/ Wizard/ Basic Setting/ Forwarding Rules/ Security Setting/ Advanced Setting/ Toolbox" and a "Logout" button.

The main content area is titled "System Status" and contains two tables. The first table, "System Status", lists WAN configuration items. The second table, "Statistics of WAN", shows network traffic data.

System Status

Item	WAN Status	Sidenote
IP Address	218.167.13.93	
Subnet Mask	255.255.255.255	
Gateway	218.167.0.254	
Domain Name Server	168.95.192.1, 168.95.1.1	
Connection Time	00:27:51	<input type="button" value="Disconnect"/>

Statistics of WAN

	Inbound	Outbound
Objects	333426	316877
Unicast Packets	1371	1324
Non-unicast Packets	0	0
Drops	0	0
Error	0	0

Current Time: Wednesday, November 24, 2004 11:52:43 AM

Buttons: Display time: Wed Nov 24 11:52:42 2004

(2)

1. 打勾 Enable
2. 給一個 PPTP 伺服器 IP
3. 給一個登入時取得 IP 範圍
4. 給一組用戶名字，密碼供登入時驗證協議使用
5. 設定完請儲存然後到工具裡重新啟動

The screenshot shows a web-based configuration interface for PPTP. On the left is a sidebar menu under 'Security Setting' with options like Packet Filters, Domain Filters, URL Blocking, MAC Address Control, VPN-IPSEC, VPN-L2TP Client, VPN-L2TP Server, VPN-PPTP Client, VPN-PPTP Server, and Miscellaneous. The main area is titled 'PPTP' and has a sub-section 'VPN-PPTP' with an 'Enable' checkbox checked. Below that is the 'PPTP Server Configuration' section, which includes fields for 'Server virtual IP' (192.168.38.1) and 'IP range' (192.168.38.10 ~ 20). Under 'Authentication Protocol', checkboxes for PAP, CHAP, MS_CHAP, and MS_CHAPv2 are all checked. At the bottom is a 'User Account' table with 5 rows. The first row contains 'test' and '1234'. The current time is displayed as Wednesday, November 24, 2004 11:53:41 AM.

Security Setting

- Packet Filters
- Domain Filters
- URL Blocking
- MAC Address Control
- VPN-IPSEC
- VPN-L2TP Client
- VPN-L2TP Server
- VPN-PPTP Client
- VPN-PPTP Server
- Miscellaneous

PPTP

VPN-PPTP Enable

PPTP Server Configuration

Server virtual IP : 192.168.38.1

IP range : 192.168.38.10 ~ 20

Authentication Protocol :

PAP CHAP MS_CHAP MS_CHAPv2

User Account

ID	User Name	Password
1	test	1234
2		
3		
4		
5		

Current Time
Wednesday, November 24, 2004 11:53:41 AM

測試

(1) Win2000/XP PPTP 客戶使用 PPTP 連線然後輸入相同用戶名字和密碼作為適合建立 PPTP VPN 確定的通道。



(2) 連線



(3) PPTP VPN 連線成功



(4) 成功的 Ping PPTP VPN 伺服器

```
F:\WINDOWS\system32\cmd.exe

F:\>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : 
    IP Address. . . . .               : 192.168.10.107
    Subnet Mask . . . . .             : 255.255.255.0
    Default Gateway . . . . .         : 192.168.10.1

PPP adapter PPTPTEST:

    Connection-specific DNS Suffix  . : 
    IP Address. . . . .               : 192.168.38.11
    Subnet Mask . . . . .             : 255.255.255.255
    Default Gateway . . . . .         : 192.168.38.11

F:\>ping 192.168.123.254

Pinging 192.168.123.254 with 32 bytes of data:

Reply from 192.168.123.254: bytes=32 time=86ms TTL=64
Reply from 192.168.123.254: bytes=32 time=88ms TTL=64
Reply from 192.168.123.254: bytes=32 time=89ms TTL=64
Reply from 192.168.123.254: bytes=32 time=89ms TTL=64

Ping statistics for 192.168.123.254:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 86ms, Maximum = 89ms, Average = 88ms

F:\>
```

(5) 檢查 FBR-1411TX PPTP 連線狀態(來自 218.167.16.222 的一個 PPTP 連接線上)

Connection Status				
User Name	Peer IP	Virtual IP	Peer Call ID	Manual Operation
test	218.167.16.222	192.168.38.11	520	<input type="button" value="Disconnect"/>