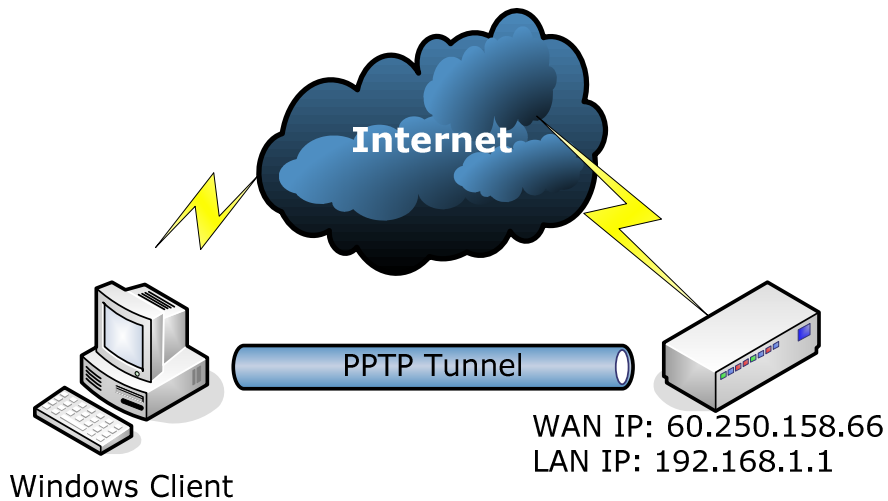


The PPTP configuration of RS-3000 & Windows Client



For the topology, we use the hardware/software version as following,

- RS-3000 FW Version: v 4.02.23
- Windows Client: Windows 7

. The configuration of RS-3000:

Step1: Setup the LAN/WAN interface and make sure it can go Internet properly.

.LAN: 192.168.1.1

The screenshot shows the "Air Live" web interface for configuring the LAN interface. The breadcrumb "Interface > LAN" is visible. On the left is a navigation menu with options: System, Interface (selected), LAN, WAN, DMZ, Policy Object, Policy, Anomaly Flow IP, and Monitor. The main content area is titled "LAN Interface" and contains the following fields and options:

IP Address	192.168.1.1
Netmask	255.255.255.0
MAC Address	00:4f:68:00:08:db

Below the fields, there are three checkboxes: "Enable System Management" (checked), "Ping" (checked), and "HTTP" (checked). At the bottom right, there are "OK" and "Cancel" buttons.

.WAN: 60.250.158.66

The PPTP configuration of RS-3000 & Windows Client

Air Live Interface > WAN

System

- Interface
 - LAN
 - WAN
 - DMZ
- Policy Object
- Policy
- Anomaly Flow IP
- Monitor

WAN1 Interface

Service : **DNS** DNS Server IP Address : **Assist**

Domain name : **Assist** (Max. 55 characters)

Wait seconds between the sending of each alive packet. (Range: 0 - 99, 0: do not check)

PPPoE (ADSL User)

Dynamic IP Address (Cable Modem User)

Static IP Address

PPTP (European User Only)

IP Address

Netmask

MAC Address

Default Gateway

DNS Server 1

DNS Server 2

Max. Downstream Bandwidth Kbps (Range: 1 - 25600)

Max. Upstream Bandwidth Kbps (Range: 1 - 25600)

Enable System Management Ping HTTP

OK **Cancel**

.Outgoing Policy

Air Live Policy > Outgoing

System

- Interface
- Policy Object
- Policy
 - Outgoing
 - Incoming
 - WAN To DMZ
 - LAN To DMZ
 - DMZ To WAN
 - DMZ To LAN
- Anomaly Flow IP
- Monitor

Source	Destination	Service	Action	Option	Configure	Move
Inside_Any	Outside_Any	ANY			Modify Remove Pause	To: 1

New Entry

Step2: Enable the PPTP VPN connection.

.Setup the Client IP Range: 192.248.153.1-254 (By the Default)

The PPTP configuration of RS-3000 & Windows Client

The screenshot shows the 'Modify PPTP Server Setting' window in the Air Live management console. The left sidebar shows a tree view with 'VPN' expanded to 'PPTP Server'. The main window has the following settings:

- Disable PPTP
- Enable PPTP
 - Encryption
 - Client IP Range: 192.248.153.1 .. 254
 - DNS Server 1: 168.95.1.1
 - DNS Server 2: 168.95.192.1
 - WINS Server 1: 168.95.1.1
 - WINS Server 2: 168.95.192.1
 - Allow PPTP client to connect to the Internet.
- Auto-Disconnect if idle: 0 minutes (Range: 0 - 999999, 0: means always connected)
- Echo-Request: Retry 4 times Timeout 30 Second (Retry: 0 - 9, 0: means disable; Timeout: 1 - 60)

Buttons: OK, Cancel

. Create PPTP User Name & Password

The screenshot shows the 'Add New PPTP Server' dialog box in the Air Live management console. The left sidebar shows 'VPN' expanded to 'PPTP Server'. The dialog has the following fields:

- User Name: airlive (Max. 16 characters)
- Password: [masked] (Max. 19 characters)
- Client IP assigned by:
 - IP Range
 - Fixed IP: [empty field]
- Manual Disconnection

Buttons: OK, Cancel

. Create VPN Tunnel:

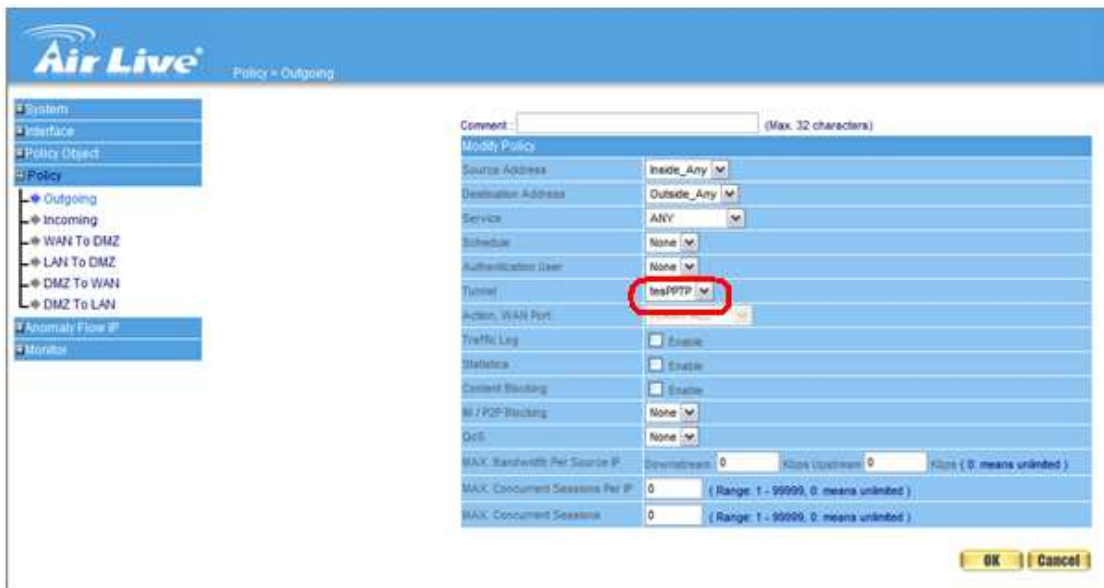
Local Subnet/Mask: 192.168.1.0/255.255.255.0

Remote Client by PPTP_Server_airlive

The PPTP configuration of RS-3000 & Windows Client

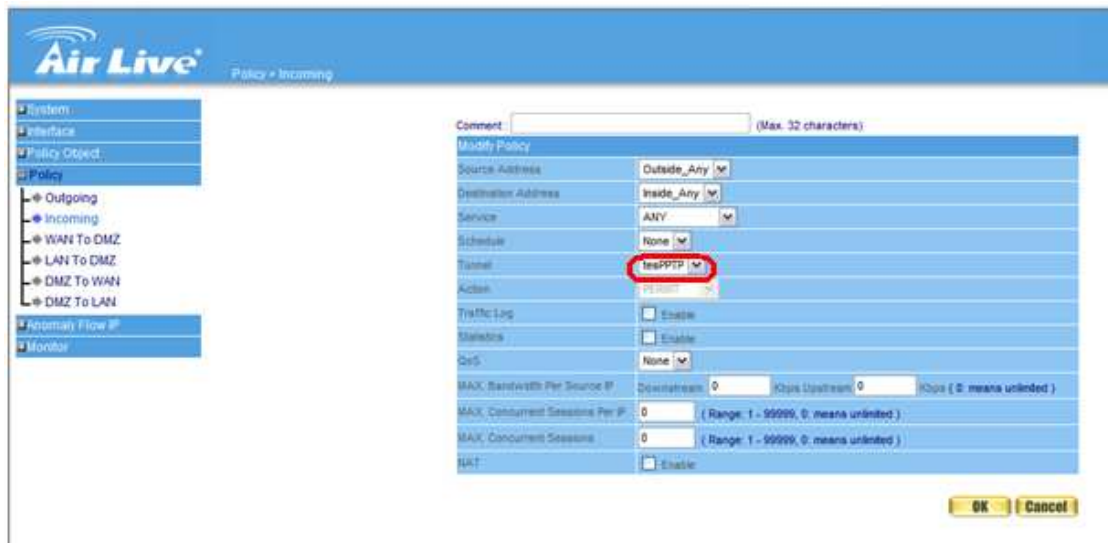


Step3: Create the Outgoing Policy (Tunnel:testPPTP).



Step4: Create Incoming Policy(Tunnel:testPPTP).

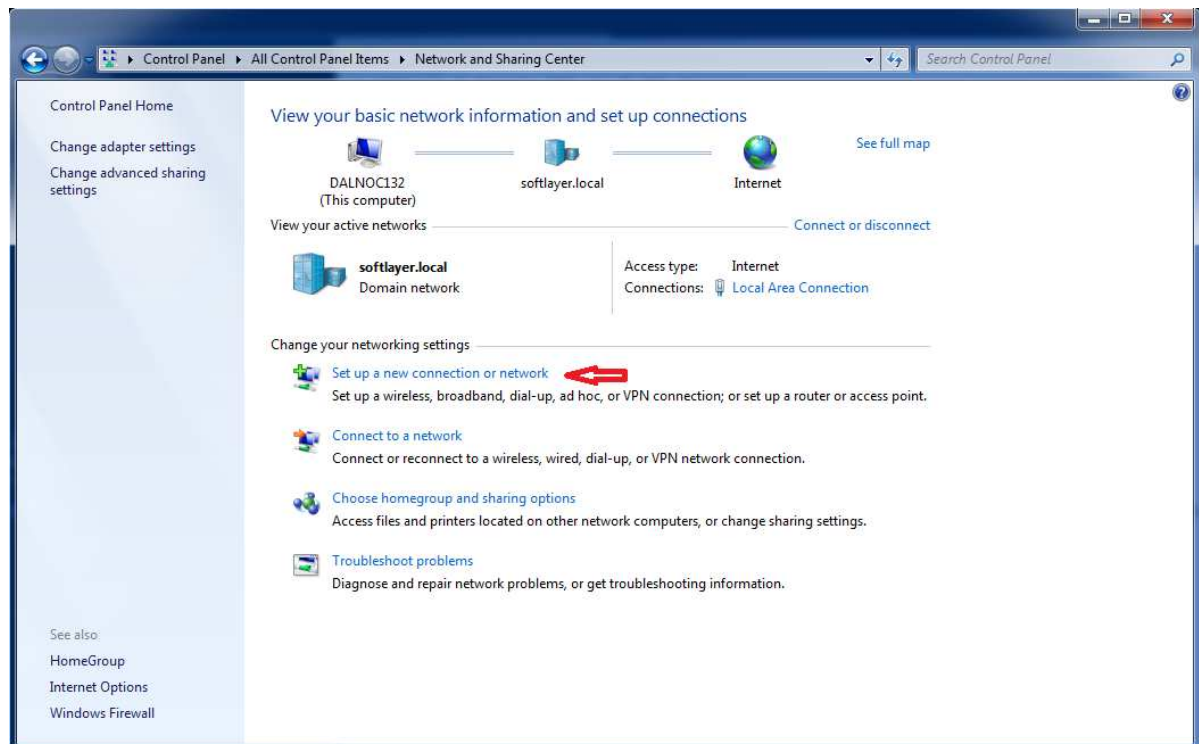
The PPTP configuration of RS-3000 & Windows Client



The PPTP configuration of RS-3000 & Windows Client

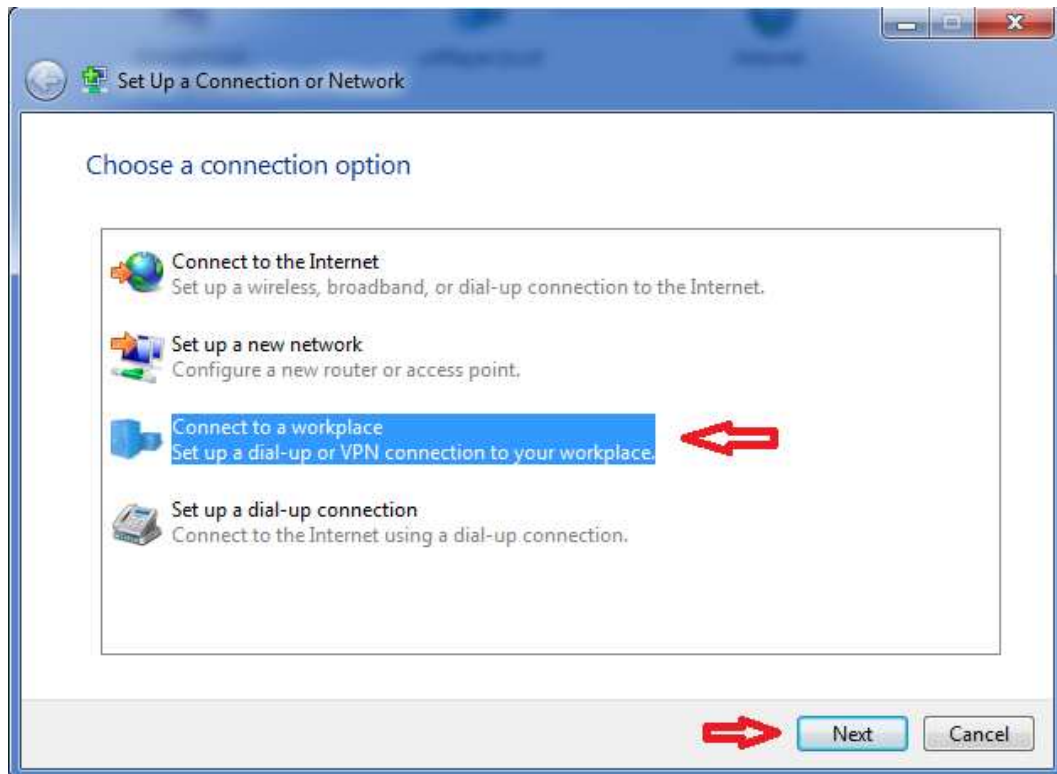
. The Configuration of Windows Client:

Step1: Please click on "Control Panel" - > "Network and Sharing Center", and select "Set up a new connection or network".



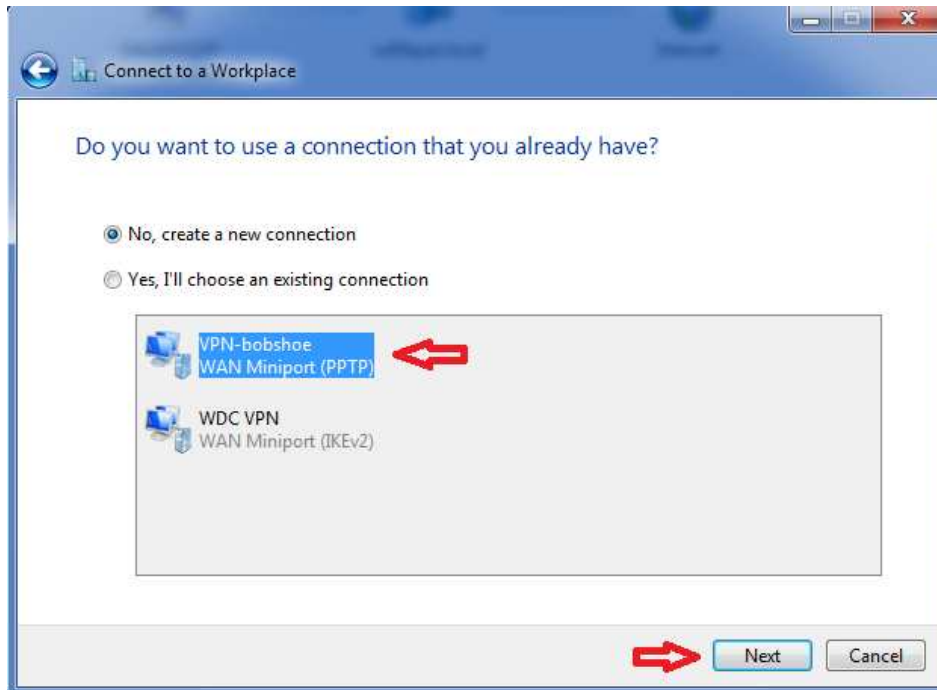
Step2: Select "Connect to a workplace" then click "Next".

The PPTP configuration of RS-3000 & Windows Client

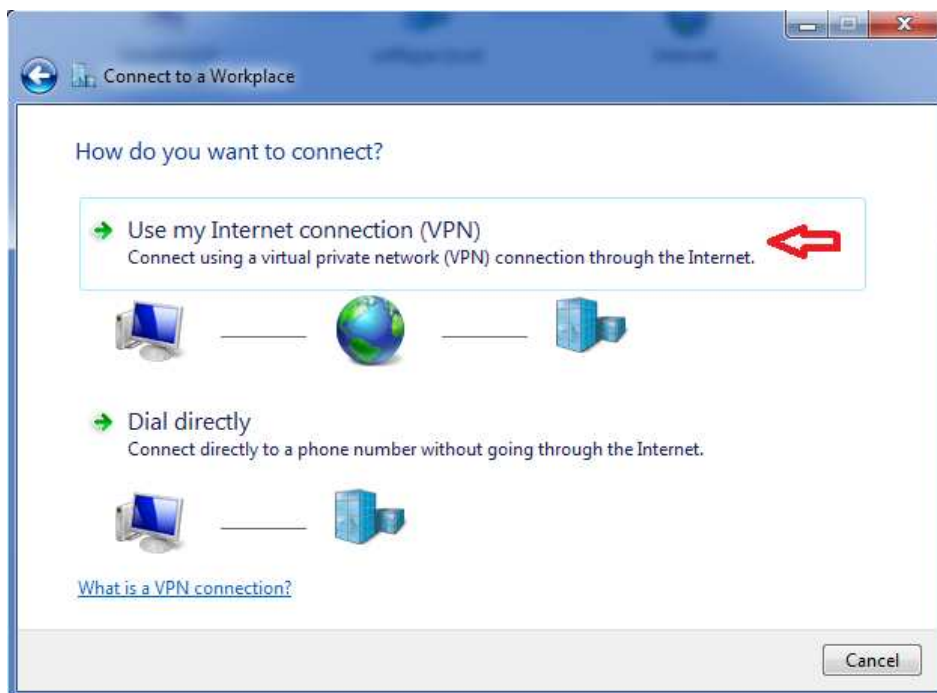


Step3: Create a new connection or select an existing connection and then click then "Next".

The PPTP configuration of RS-3000 & Windows Client

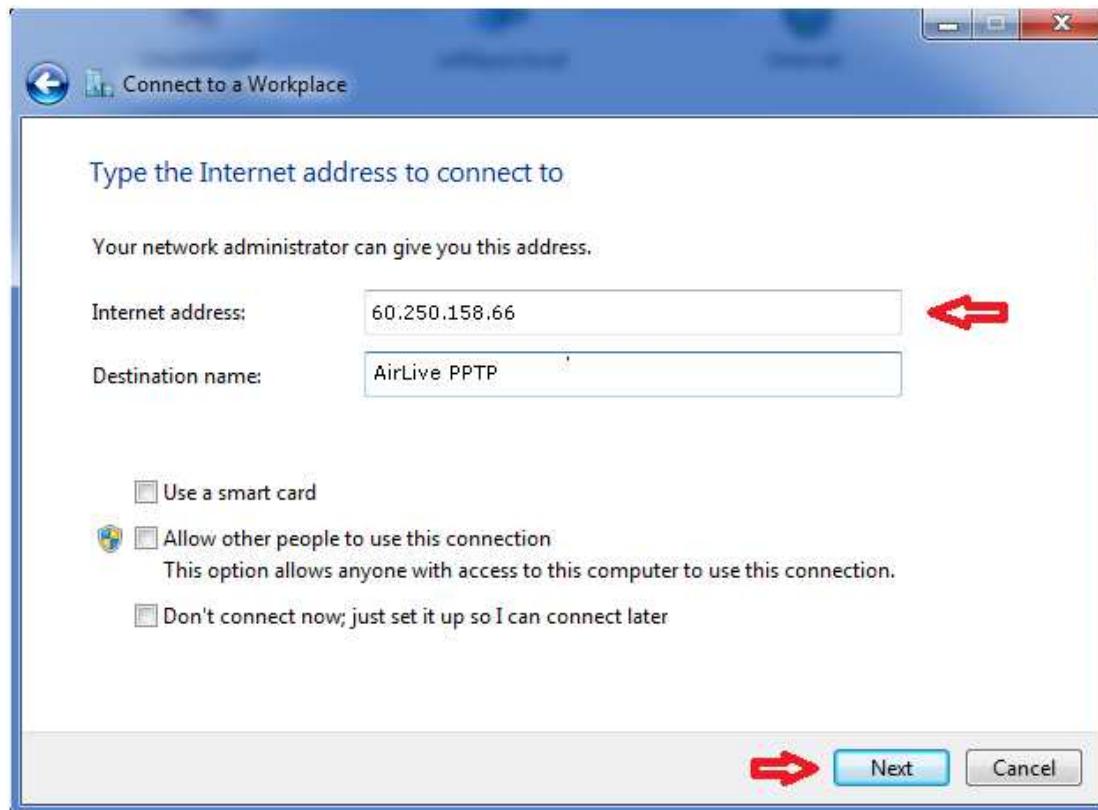


Step4: Select "Use my Internet connection (VPN)".



The PPTP configuration of RS-3000 & Windows Client

Step5: Fill the IP address and Destination name and then click then "Next".



Step6: Fill the User Name & Password, and then click then "Next".

The PPTP configuration of RS-3000 & Windows Client



. Result:

When the PPTP connection establishes success, you will see the computer icon will show "Active" on PPTP Server, Tunnel, and Incoming/Outgoing policy on RS-3000. Also, the Windows Client can be connected with RS-3000 via Private Network (192.248.153.x).

.PPTP Server

The PPTP configuration of RS-3000 & Windows Client

Policy Object > VPN > PPTP Server

PPTP Server (Enable, Encryption:ON) :
Client IP Range : 192.248.153.1-254 [Modify](#)

i	User Name	Client IP	Uptime	Configure
	airlive	192.248.153.1	00:08:37	In Use

[New Entry](#)

.Tunnel

Policy Object > VPN > Tunnel

i	Name	Local Subnet	Remote Subnet	IPSec / PPTP	Configure
	tesPPTP	192.168.1.0	192.248.153.1	PPTP_Ser...	In Use

[New Entry](#)

.Outgoing Policy

Policy > Incoming

Name	Destination	Service	Action	Options	Configure	More
Outgoing_Any	Inside_Any/Outgoing	ANY	DENY		Modify Remove Pause	To: 1

[New Entry](#)

The PPTP configuration of RS-3000 & Windows Client

Incoming Policy

