

# Configure modem to PPPoE connection

This walkthrough will provide you with the settings required to re-configure the modem to connect with Odynet. If using a 3rd party router consult your router's user manual for assistance in finding the equivalent settings.

## Step 1: Access the Modem configuration

Open a browser, and navigate to 192.168.1.1



You will be prompted for a username and password to login. Enter the username 'admin' and the password 'admin'



## Step 2: Navigate the Configuration Page

Choose 'Advanced Setup' from the menu, the right screen should have no entries. Click on the "Add" button to start setting up a connection.

**Device Info**  
Quick Setup  
**Advanced Setup**  
WAN  
LAN  
Quality of Service  
Routing  
DSL  
IPSec  
Certificate

**Wide Area Network (WAN) Setup**  
Choose Add, Edit, or Remove to configure WAN interfaces.  
Choose Save/Reboot to apply the changes and reboot the system.

Port/VPI/VCI	VLAN Mux	Con. ID	Category	Service	Interface	Protocol	IGMP	QoS	State	Remove	Edit
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→ Add Remove Save/Reboot

## Step 3: Setting the PPPoE Settings

The first page "ATM PVC Configuration" can be left at defaults, click 'Next' no changes are needed. For the following screen choose the "PPP over Ethernet (PPPoE)" option and click 'Next' to enter the connection details.

**ATM PVC Configuration**  
This screen allows you to configure an ATM PVC Identifier (PORT and VPI and VCI) and select checkbox to enable it.

PORT: [0-3]

VPI: [0-255]

VCI: [32-65535]

VLAN Mux - Enable Multiple Protocols Over a Single PVC

Service Category: UBR Without PCR

Enable Quality Of Service

Enabling packet level QoS for a PVC improves performance for selected classes of applications resources; therefore the number of PVCs will be reduced. Use **Advanced Setup/Quality of Service** checkbox is selected, you must enable QoS function simultaneously in **Advanced Set**

Enable Quality Of Service



**Connection Type**

Select the type of network protocol for IP over Ethernet as WAN interface

- PPP over ATM (PPPoA)
- PPP over Ethernet (PPPoE)
- MAC Encapsulation Routing (MER)
- IP over ATM (IPoA)
- Bridging

**Encapsulation Mode**

LLC/SNAP-BRIDGING



Configure the router with the following PPPoE settings

- Username: Odynet username, ending in @ody.ca
- Password: The password to Odynet account supplied at signup

### PPP Username and Password

PPP usually requires that you have a user name and password t

PPP Username:  ←

PPP Password:  ←

PPPoE Service Name:

Authentication Method:  ▼

Click **Next** ← when finished.

On the final step ensure 'Enable NAT' and 'Enable Firewall' is checked, then click 'Next'

### Network Address Translation Settings

Network Address Translation (NAT) allows you to share one Wide Area Network (WAN) IP address f

Enable NAT  ✓

Enable Firewall  ✓

### Enable IGMP Multicast, and WAN Service

Enable IGMP Multicast

Enable WAN Service

Service Name

↓

## Step 4: Save & Finish

On the final summary page click 'Save'.

### WAN Setup - Summary

Make sure that the settings below match the settings provided by your ISP.

PORT /VPI / VCI:	0 / 0 / 35
Connection Type:	PPPoE
Service Name:	pppoe_0_0_35_1
Service Category:	UBR
IP Address:	Automatically Assigned
Service State:	Enabled
NAT:	Enabled
Firewall:	Enabled
IGMP Multicast:	Disabled
Quality Of Service:	Disabled

Click "Save" to save these settings. Click "Back" to make any modifications.

NOTE: You need to reboot to activate this WAN interface and further configure services over this interface.

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The device will reboot, allow 30-120 seconds for it to initialize, the device will connect the service once it completes.