

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 your 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

Click 'Advanced Setup' then 'WAN Service' from sub-menu, the right screen should have no entries. Click on the 'Add' button to start setting up a connection.



Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	VlanMuxId	Igmp	NAT	Firewall	IPv6	Mld	Remove	Edit	Reset
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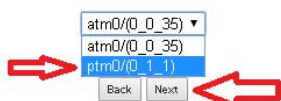
Step 3: Setting the PPPoE Settings

The first page in the configuration select 'ptm0/(0_1_1)', then click 'Next'. For the next screen choose 'PPP over Ethernet (PPPoE)', Change options 'Priority' to '0' and 'VLAN ID' to '35'. Click 'Next' to proceed to next screen to enter the PPPoE user login information.

WAN Service Interface Configuration

Select a layer 2 interface for this service

Note: For ATM interface, the descriptor string is (portId_vpi_vci)
For PTM interface, the descriptor string is (portId_high_low)
Where portId=0 --> DSL Latency PATH0
portId=1 --> DSL Latency PATH1
portId=4 --> DSL Latency PATH0&1
low=0 --> Low PTM Priority not set
low=1 --> Low PTM Priority set
high=0 --> High PTM Priority not set
high=1 --> High PTM Priority set



WAN Service Configuration

Select WAN service type:
 PPP over Ethernet (PPPoE)
 IP over Ethernet
 Bridging

Enter Service Description:

For tagged service, enter valid 802.1P Priority and 802.1Q VLAN ID.
For untagged service, set -1 to both 802.1P Priority and 802.1Q VLAN ID.

Enter 802.1P Priority [0-7]:
Enter 802.1Q VLAN ID [0-4094]:



Network Protocol Selection:



Configure the router with the following PPPoE settings

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

PPP Username and Password

PPP usually requires that you have a user name and password to establish your connection. In the boxes below, enter the user name and password that your ISP has provided to you.

PPP Username:
PPP Password:
PPPoE Service Name:
Authentication Method:

Link Control Protocol

LCP Keepalive Period (s):
LCP Retry Threshold:

PPP IP extension
 Advanced DMZ
Non DMZ IP Address:
Non DMZ Net Mask:
 Use Static IPv4 Address

Confirm 'ppp0.1' is in the left list and click next for both Interface and DNS screens.

Selected Default Gateway Interfaces



Available Routed WAN Interfaces

Select DNS Server Interface from available WAN interfaces:

Selected DNS Server Interfaces



Available WAN Interfaces

Use the following Static DNS IP address:

Primary DNS server:
Secondary DNS server:



Step 4: Save & Finish

On the 'WAN Setup - Summary' page click 'Apply/Save'.

WAN Setup - Summary

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

PORT / VPI / VCI:	0 / 1 / 1
Connection Type:	PPPoE
Service Name:	pppoe_0_1_1.35
Service Category:	UBR
IP Address:	Automatically Assigned
Service State:	Enabled
NAT:	Enabled
Full Cone NAT:	Disabled
Firewall:	Enabled
IGMP Multicast:	Disabled
Quality Of Service:	Disabled

Click "Apply/Save" to have this interface to be effective. Click "Back" to make any modifications.

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