

PPPoE setup on DFL-260E

1. Add new PPPoE interface.

The screenshot shows the D-Link web interface for configuring a PPPoE interface. The 'Network' tab is selected, and the 'PPPoE' sub-tab is active. A '+ Add' button is highlighted with a red box. The table below it has columns for Name, Physical Interface, Remote Network, Service Name, Username, Dial-on-demand, and Comments.

#	Name	Physical Interface	Remote Network	Service Name	Username	Dial-on-demand	Comments
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2. Setup your PPPoE account properly.

PPPoE Tunnel

A PPPoE interface is a PPP (point-to-point protocol) tunnel over an existing physical Ethernet interface. Its IP address is dynamically assigned.

The screenshot shows the PPPoE configuration page with the 'General' tab selected. The 'Name' field is set to 'PPPoE_Wan', 'Physical Interface' is 'wan', 'Remote Network' is 'all-nets', 'Schedule' is '(None)', 'Username' is '12345678@abc.net', 'Password' and 'Confirm Password' are masked with dots, and 'Service Name' is empty. A note states: 'Note! Existing passwords will always be shown with 8 characters to hide the actual length.'

3.Modify IP_rule.

The screenshot shows the D-Link web interface. The top navigation bar includes 'Status', 'System', 'Objects', 'Network', and 'Policies' (highlighted with a red box). Below this, there are tabs for 'Firewalling', 'User Authentication', 'Intrusion Prevention', and 'Traffic Management'. On the left sidebar, 'Rules' is expanded, and 'Main IP Rules' is selected (highlighted with a red box). The main content area is titled 'Main IP Rules' and contains a table with the following data:

#	Name	Log	Src If	Src Net	Dest If	Dest Net	Service	Application	Schedule	Address Trans.	Options
1	lan_to_wan										
2	wan_to_lan										
3	VPN										

4.Change the Interface to “PPPoE_Wan” if it’s “wan” original.

The screenshot shows the configuration page for an IP rule named 'allow_standard'. The page has several tabs: 'General', 'Log Settings', 'NAT', 'SAT', 'Multiplex SAT', and 'Application Control'. The 'General' tab is active. The configuration fields are as follows:

- Name: allow_standard
- Action: NAT
- Service: all_topudp
- Schedule: (None)

Below these fields, there is a note: "NAT, SAT, SLB SAT and Multiplex SAT are not usable with IPv6 rules".

The 'Address Filter' section is expanded, showing the following configuration:

- Source: Interface: lan, Network: lannet
- Destination: Interface: wan, Network: all-nets

The 'Destination' field is highlighted with a red box. Below the 'Address Filter' section, there is a table with the following data:

Name	Comments
any	
core	
dmz	
lan	
PPPoE_Wan	
PPTP_Tunnel	
wan	

5.Remember to save and activate.