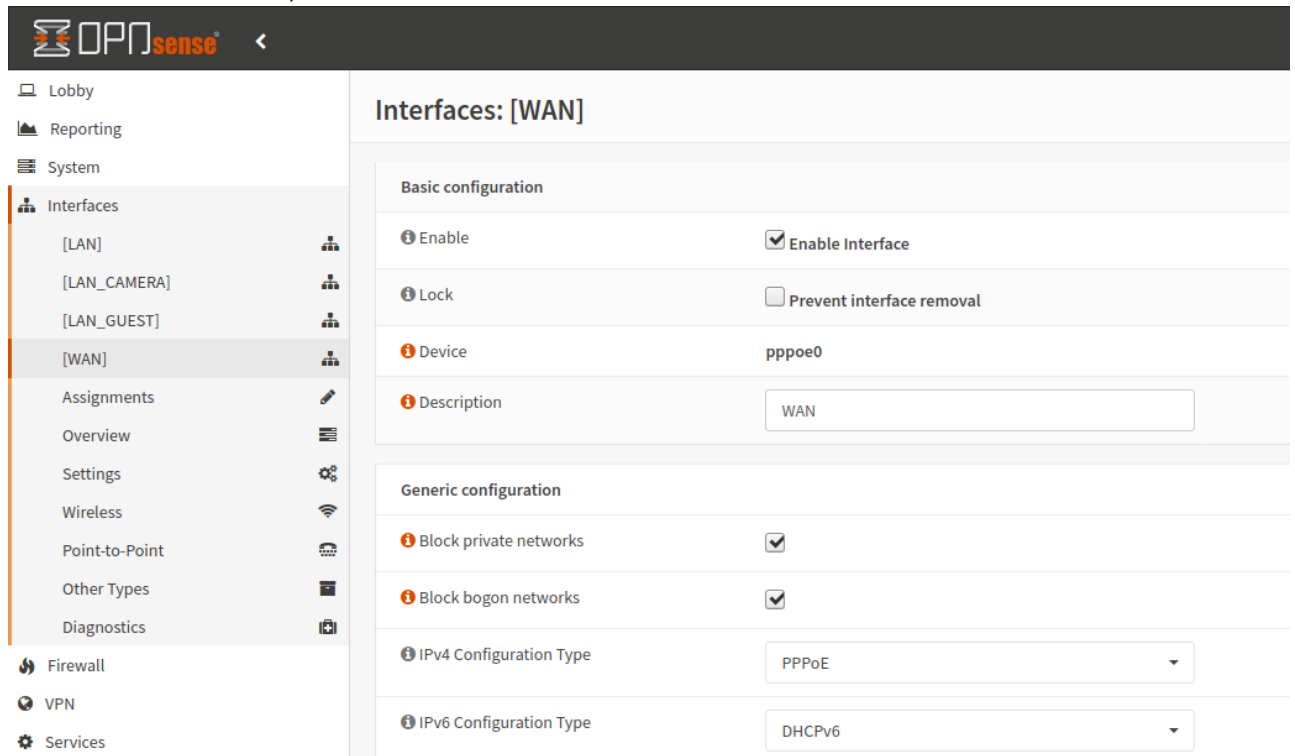


# OPNSense & IPV6 sur une connexion PPPoE

## Configuration interface WAN

1. Dans l'interface WAN, choisir DHCPv6



The screenshot shows the OPNSense web interface for configuring the WAN interface. The left sidebar contains a navigation menu with options like Lobby, Reporting, System, Interfaces, Assignments, Overview, Settings, Wireless, Point-to-Point, Other Types, Diagnostics, Firewall, VPN, and Services. The main content area is titled 'Interfaces: [WAN]' and is divided into two sections: 'Basic configuration' and 'Generic configuration'.

**Basic configuration:**

- Enable:  Enable Interface
- Lock:  Prevent interface removal
- Device: pppoe0
- Description: WAN

**Generic configuration:**

- Block private networks:
- Block bogon networks:
- IPv4 Configuration Type: PPPoE
- IPv6 Configuration Type: DHCPv6

2. Toujours dans le même écran, vous devez également configurer
  - Request only an IPv6 prefix
  - Prefix delegation (56)
  - Send IPv6 prefix hint
  - Enable debug
  - Use IPv4 connectivity

### DHCPv6 client configuration

**Configuration Mode** Basic Advanced Config File Override

**Request only an IPv6 prefix**

**Prefix delegation size**

**Send IPv6 prefix hint**

**Prevent release**

**Enable debug**

**Use IPv4 connectivity**

**Use VLAN priority**

Save Cancel

## Configuration interface LAN

1. Choisir pour IPv6 Configuration Type: Track Interface

The screenshot shows the OpenSense web interface. On the left is a navigation menu with options like Lobby, Reporting, System, Interfaces, Assignments, Overview, Settings, Wireless, Point-to-Point, Other Types, Diagnostics, Firewall, VPN, and Services. The 'Interfaces' section is expanded, showing a list of interfaces: [LAN], [LAN\_CAMERA], [LAN\_GUEST], and [WAN]. The [LAN] interface is selected. The main content area is titled 'Interfaces: [LAN]' and contains two sections: 'Basic configuration' and 'Generic configuration'. In the 'Basic configuration' section, 'Enable Interface' is checked, 'Prevent interface removal' is unchecked, the device is 'igb0', and the description is 'LAN'. In the 'Generic configuration' section, 'Block private networks' and 'Block bogon networks' are unchecked. 'IPv4 Configuration Type' is set to 'Static IPv4' and 'IPv6 Configuration Type' is set to 'Track Interface'.

2. Un MSS de 1472 a pu aider dans certains cas
3. Choisissez l'interface source, donnez un préfix (optionnel) et cochez configuration manuelle

**Track IPv6 Interface**

**IPv6 Interface** WAN

**IPv6 Prefix ID** 0x aa

**Manual configuration**  Allow manual adjustment of DHCPv6 and Router Advertisements

## Configuration DHCP & RA

1. Dans Services → Router Advertisements → LAN, choisir managed

The screenshot shows the OPNSense web interface. On the left is a sidebar menu with 'Services' expanded and 'Router Advertisements' selected. The main panel is titled 'Services: Router Advertisements: [LAN]'. It contains several configuration rows: 'Router Advertisements' set to 'Managed', 'Router Priority' set to 'Normal', 'Advertise Default Gateway' checked, 'Advertise Routes' with a '+' button and an empty 'Prefix' field, 'DNS servers' with two empty input fields and a checkbox for 'Use the DNS settings of the DHCPv6 server', 'Domain search list' with an empty input field, 'Minimum Interval' set to '200', and 'Maximum Interval' set to '600'.

2. Dans Services → DHCPv6 → LAN, cliquer sur Enable, définir un Range et indiquer un préfixe de 64

The screenshot shows the OPNSense web interface. On the left is a sidebar menu with 'Services' expanded and 'DHCPv6' selected. The main panel is titled 'Services: DHCPv6: [LAN]'. It contains several configuration rows: 'Enable' checked with the text 'Enable DHCPv6 server on LAN interface', 'Subnet' with a masked input field, 'Subnet mask' set to '64 bits', 'Current LAN IPv6 prefix' with a masked input field, 'Available prefix delegation size' set to '57', 'Available range' with a masked input field and the text 'Prefix subnet will be prefixed to the available range.', and 'Range' with 'from' set to '::10' and 'to' set to '::ffff'.

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Last update: **2021/06/20 09:42**

