SFR has now activated the IPv6 support on its ADSL boxes. Here are some snapshots of the configuration interface of a NeufBox 4 :



Figure 1. IPv6 activation on SFR box



Figure 2. IPv6 parameters on SFR box

The IPv6 prefix that is used is:

- IPv6 Prefix: 2a02:8400::/25
- Owned by: LDCOM
- AS Number: 15557
- Allocated on: 2010-12-23
- First seen on: 2011-03-23 12:03:17

Figure 3 gives an overview of the Internet v6 ecosystem in France obtained with the autonomous system map tool.

(click here to get the high resolution format) {{ :internet-v6-france.png }}

Note the high IPv6 connectivity of Hurricane and Lambdanet as foreign providers and Neotelecoms as an internal provider. A traceroute6 enables to verify the connectivity:

$ traceroute6 -n ipv6.google.com traceroute6 to ipv6.l.google.com (2a00:1450:8007::6a) from 2a02:8420:209::XX, 64 hops max, 12 byte packets 1 2a02:8420:209::YY 1.254 ms 1.221 ms 0.821 ms 2 * * * 3 2a02:8400:0:3::11 32.980 ms 32.964 ms 32.117 ms 4 2a02:8400:0:3::142 35.891 ms 34.488 ms 80.187 ms 5 2001:4860::1:0:23 35.676 ms 2001:4860::1:0:9f2 34.713 ms 2001:4860::1:0:23 33.623 ms 6 2001:4860::8:0:3015 52.451 ms 43.599 ms 2001:4860::8:0:3016 44.782 ms 7 2001:4860::2:0:48c 44.284 ms 43.608 ms 46.274 ms 8 2001:4860:0:1::c7 55.404 ms 52.317 ms 54.170 ms 9 2a00:1450:8007::6a 45.815 ms 44.046 ms 45.221 ms

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