

IPv6 with SFR

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

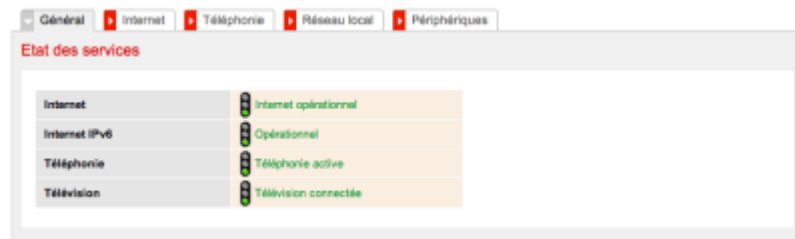


Figure 1. IPv6 activation on SFR box

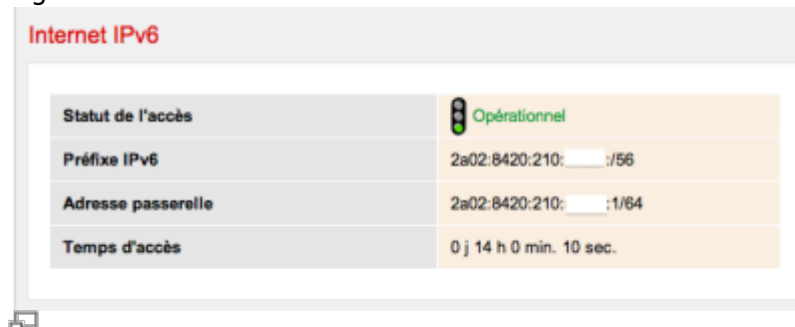
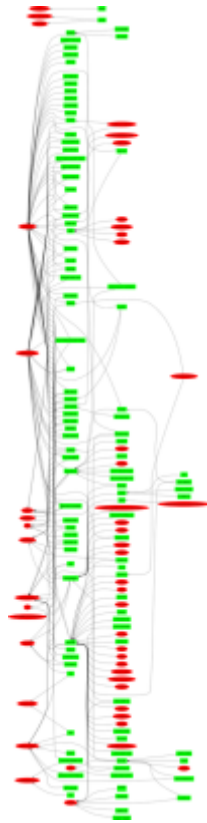


Figure 2. IPv6 parameters on SFR box

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 (click to get full size image) gives an overview of the Internet v6 ecosystem in France obtained with the [autonomous system map tool](#).



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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