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

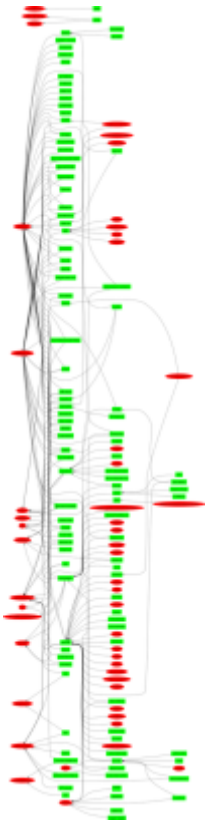


Figure 2. IPv6 parameters on SFR box

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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