



IPV6 Council Conference 18/4/17

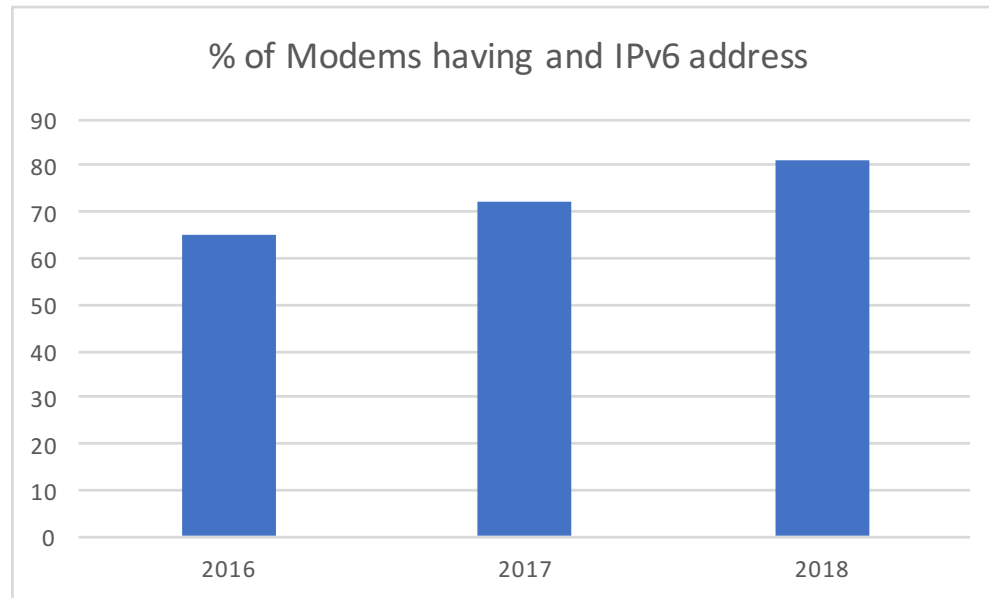
Sven Lanckmans





Cable Modems

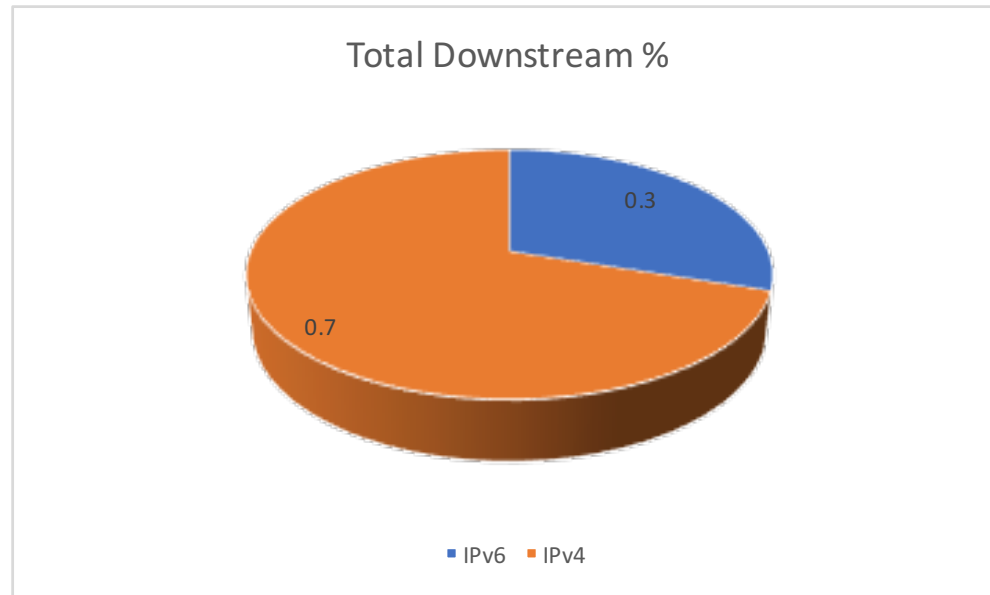
- 81% of our modems have an IPv6 address today





Traffic stats

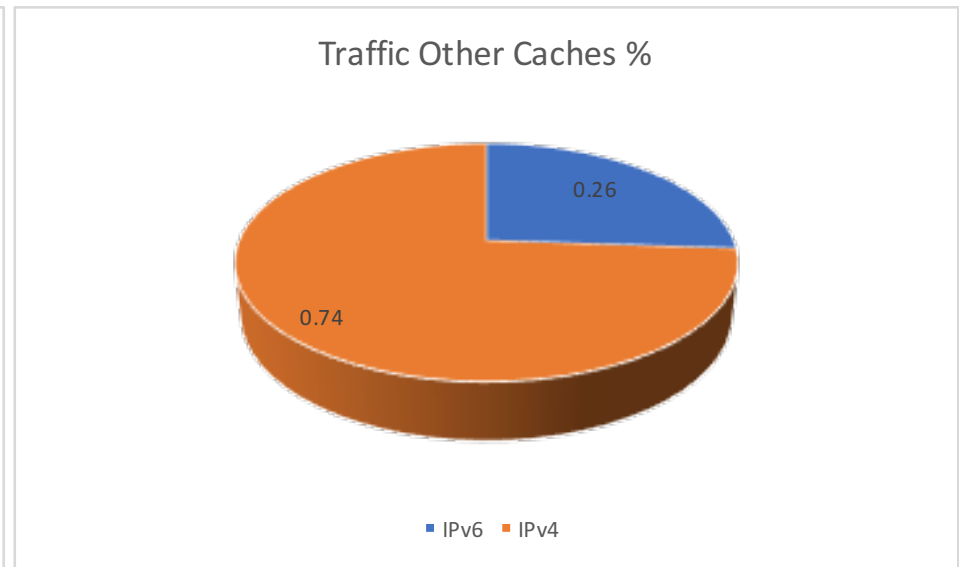
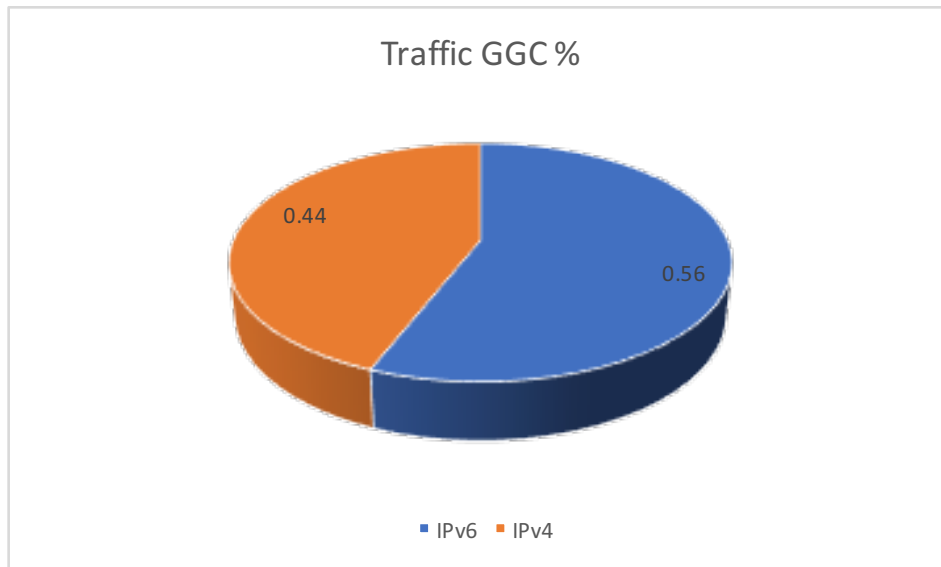
30% of the total customer downstream internet traffic is IPv6 (Transit & Cache servers included)





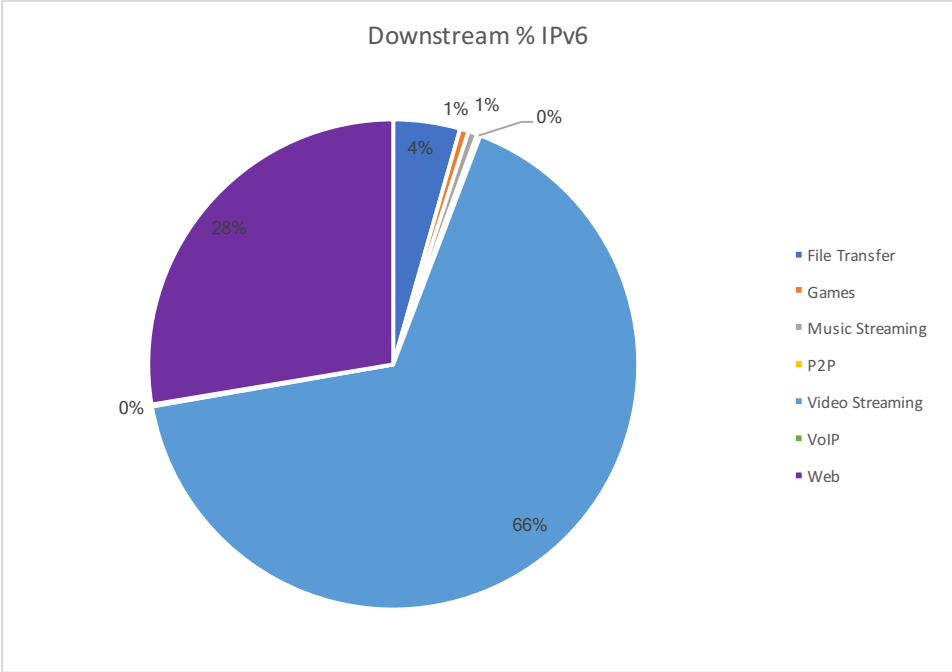
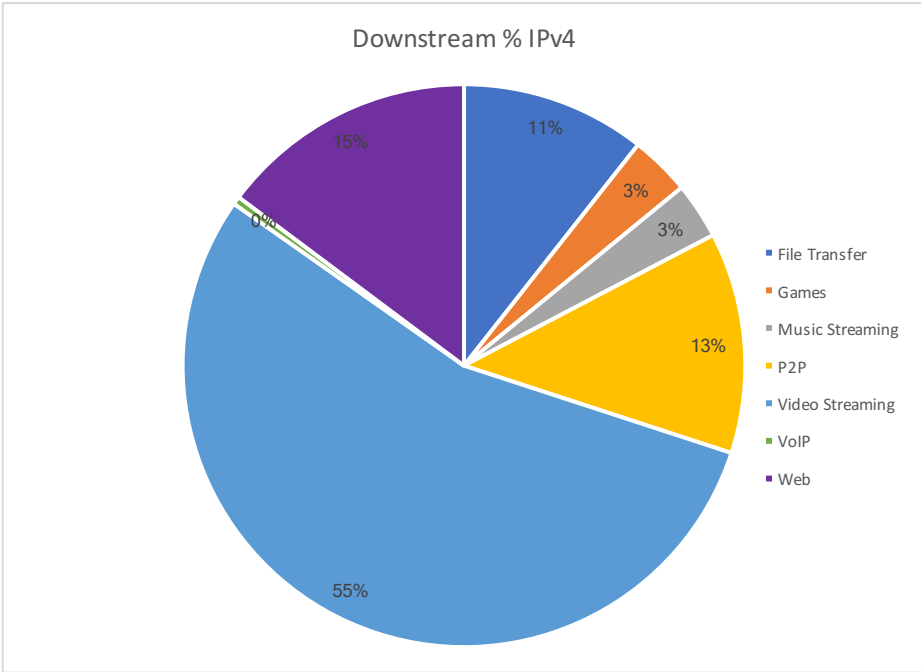
Traffic stats

Specific Cache Traffic:





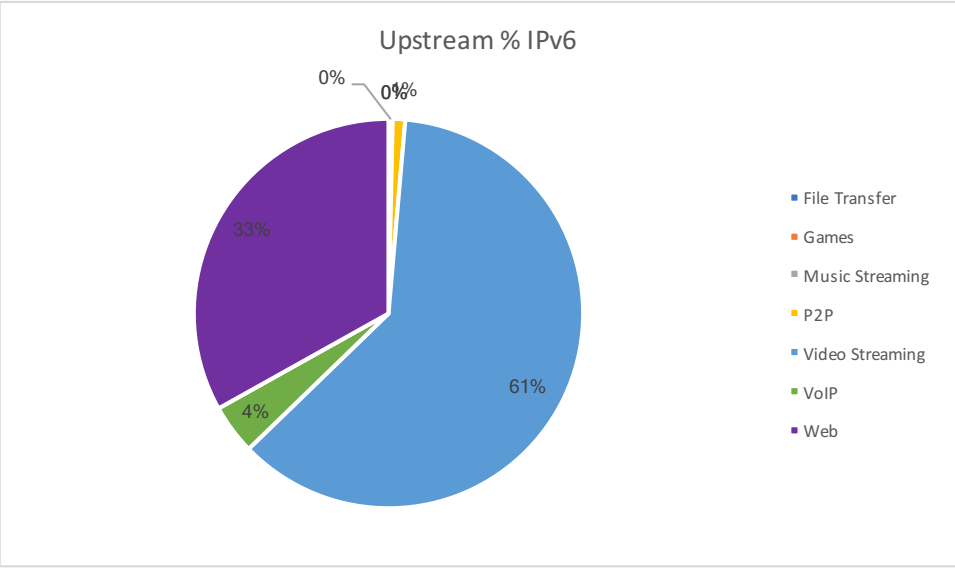
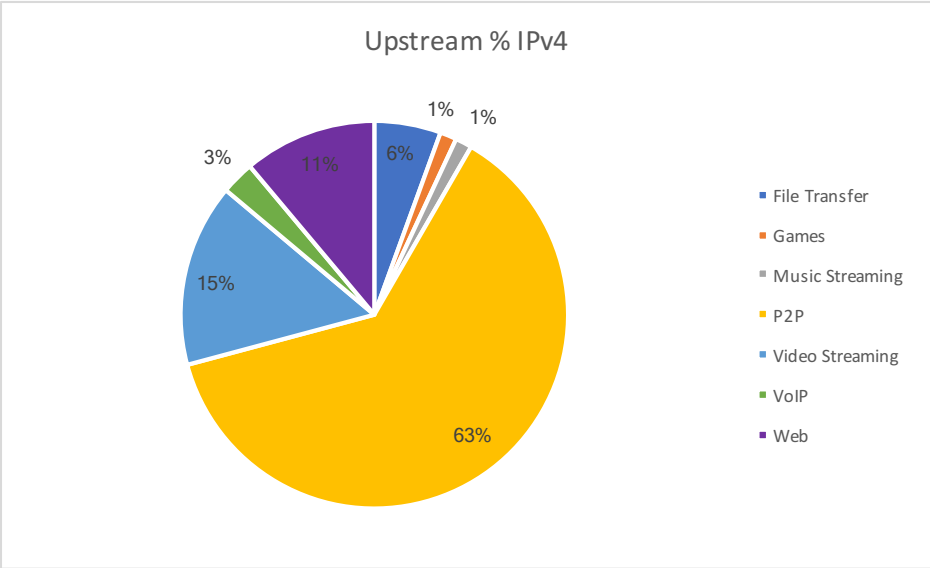
Downstream Protocols Comparison



No P2P and a lot less File transfer in IPv6



Upstream Protocols Comparison



P2P is highly present in IPv4, not in IPv6



Conclusions

- Increase of IPv6 traffic is slow but steady compared to previous years
- GGC is clearly moving away from IPv4, other Caches will surely follow
- Natural life cycle of old Docsis2.0 modems to D3.0 & D3.1 will further increase IPv6
- DPI shows big difference in P2P bandwidth usage (specifically for upstream)



Questions?