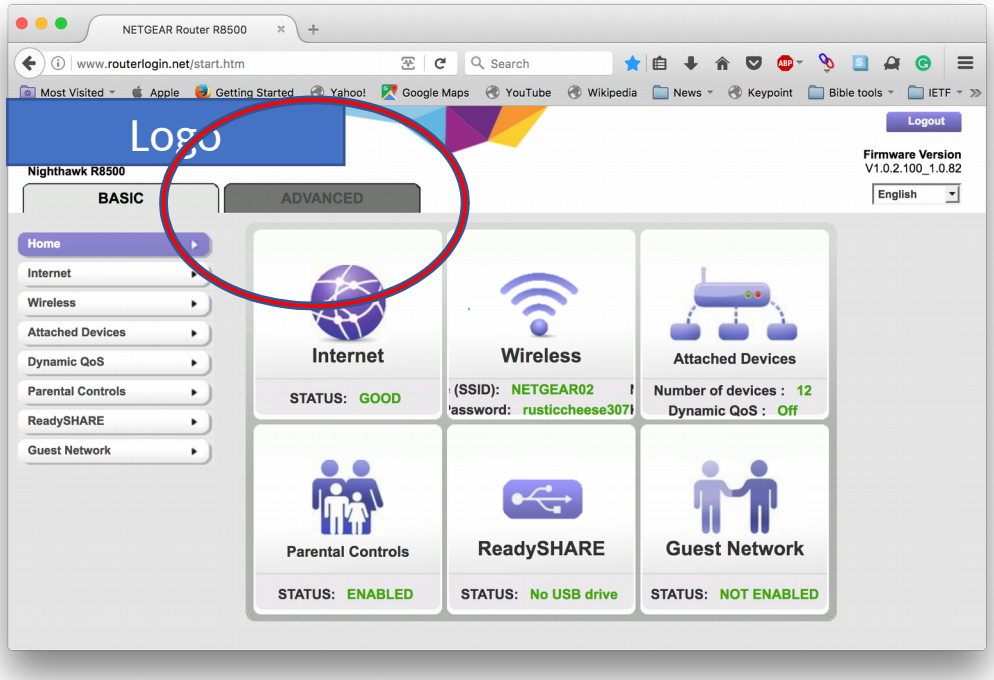
IPv6 just works, right?

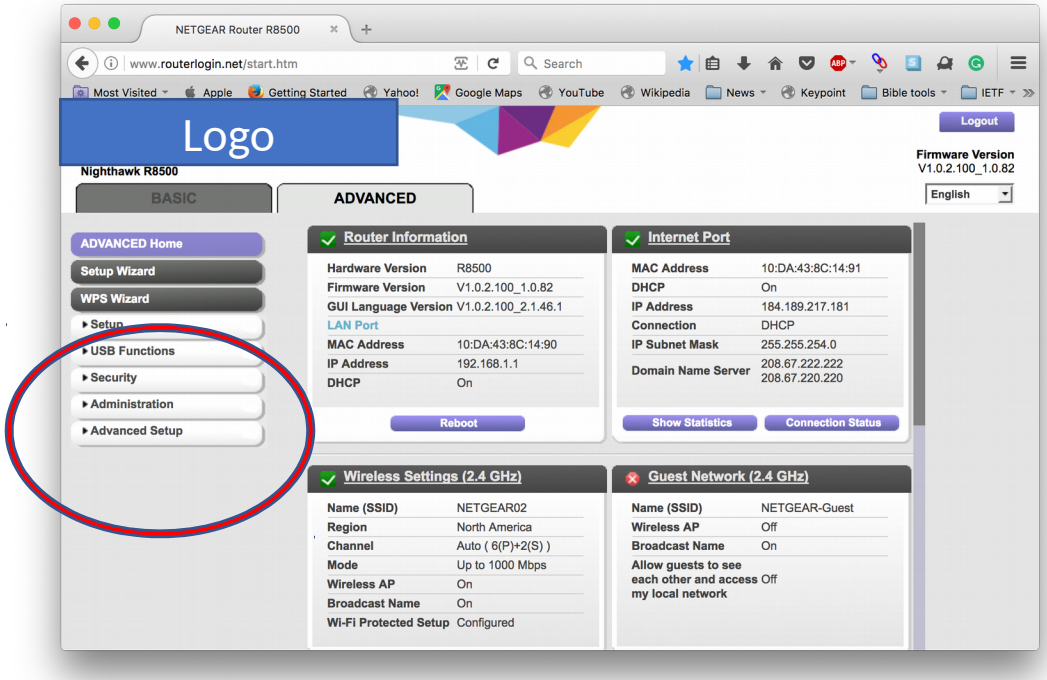
Configuring a residential router for IPv6

- Enter router configuration screen
- Select “Advanced”



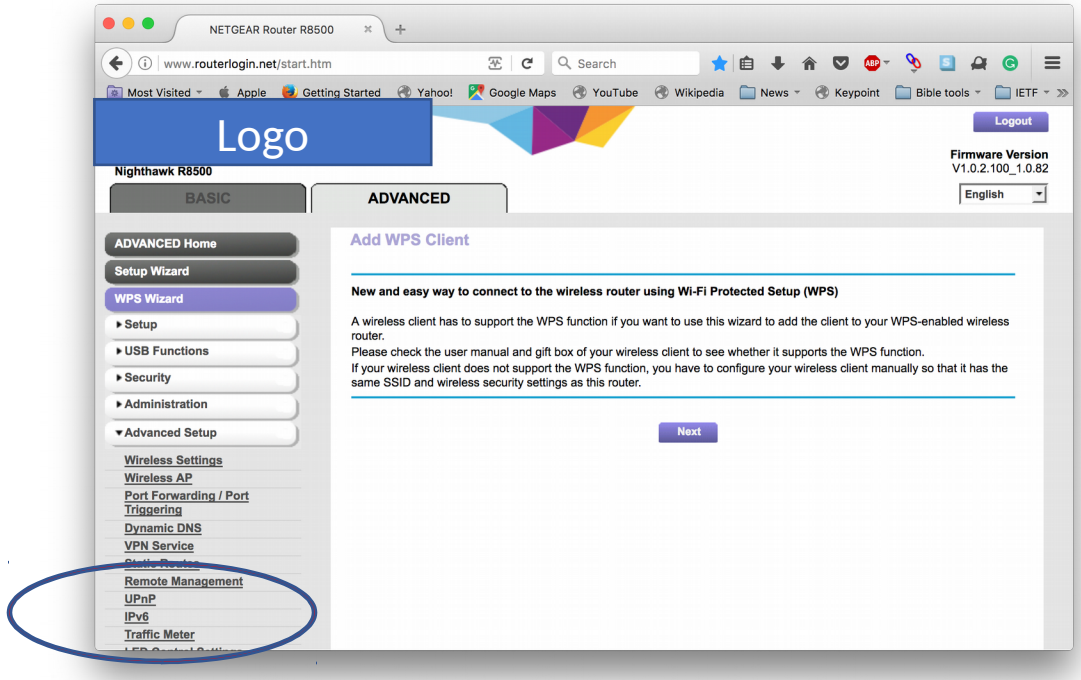
Configuring a residential router for IPv6

- Enter router configuration screen
- Select “Advanced”
- Select “Advanced Setup”



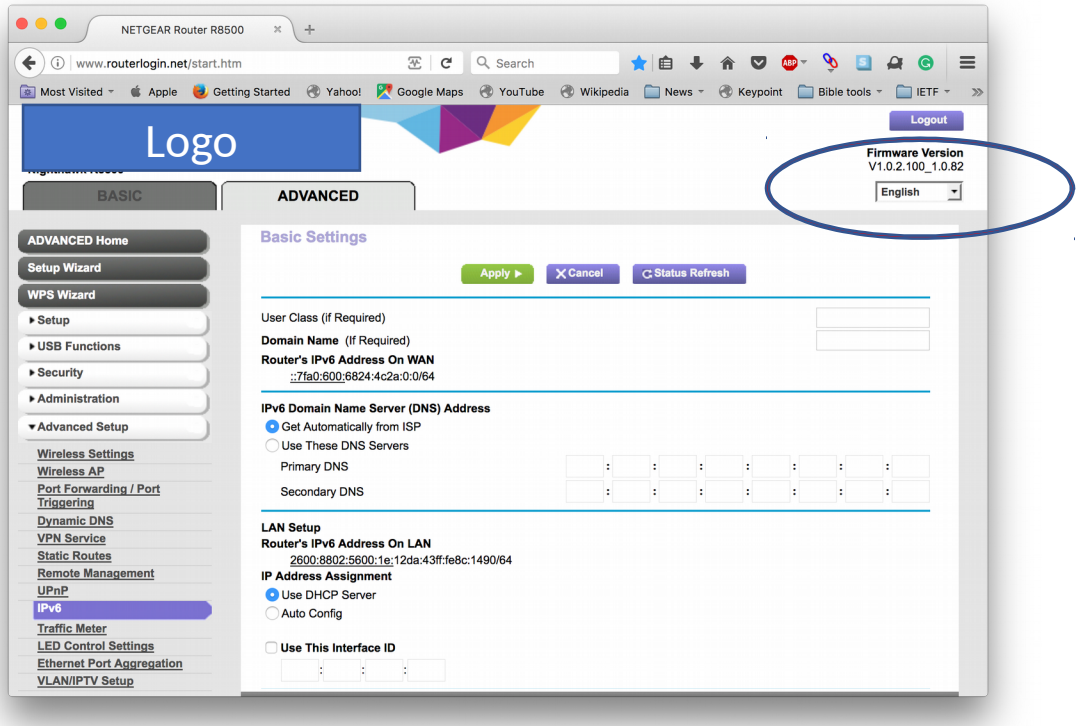
Configuring a residential router for IPv6

- Enter router configuration screen
- Select “Advanced”
- Select “Advanced Setup”
- Select “IPv6”



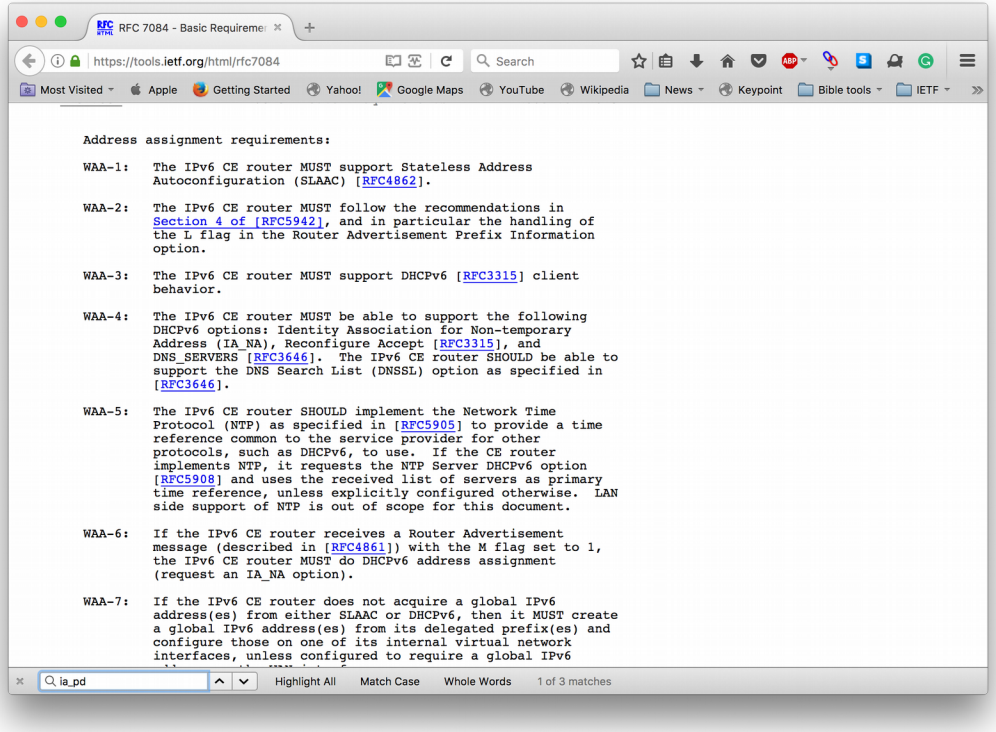
Configuring a residential router for IPv6

- Enter router configuration screen
- Select “Advanced”
- Select “Advanced Setup”
- Select “IPv6”
- Select among:
  - Disabled (default)
  - Auto Detect
  - 6to4 Tunnel
  - Pass Through
  - Fixed
  - DHCP
  - PPPOE
  - Auto Configure
  - 6rd Tunnel



This router conforms to RFC 7084

- RFCs:
  - 2460 (IPv6)
  - 3315 (DHCPv6 IA_NA)
  - 3633 (DHCPv6 IA_PD)
  - 4291 (Addressing)
  - 4861 (Neighbor Discovery)
  - 4862 (SLAAC)
  - And so on



This router complies with TR-124 Issue 5

- RFCs:
  - 2460 (IPv6)
  - 3315 (DHCPv6 IA_NA)
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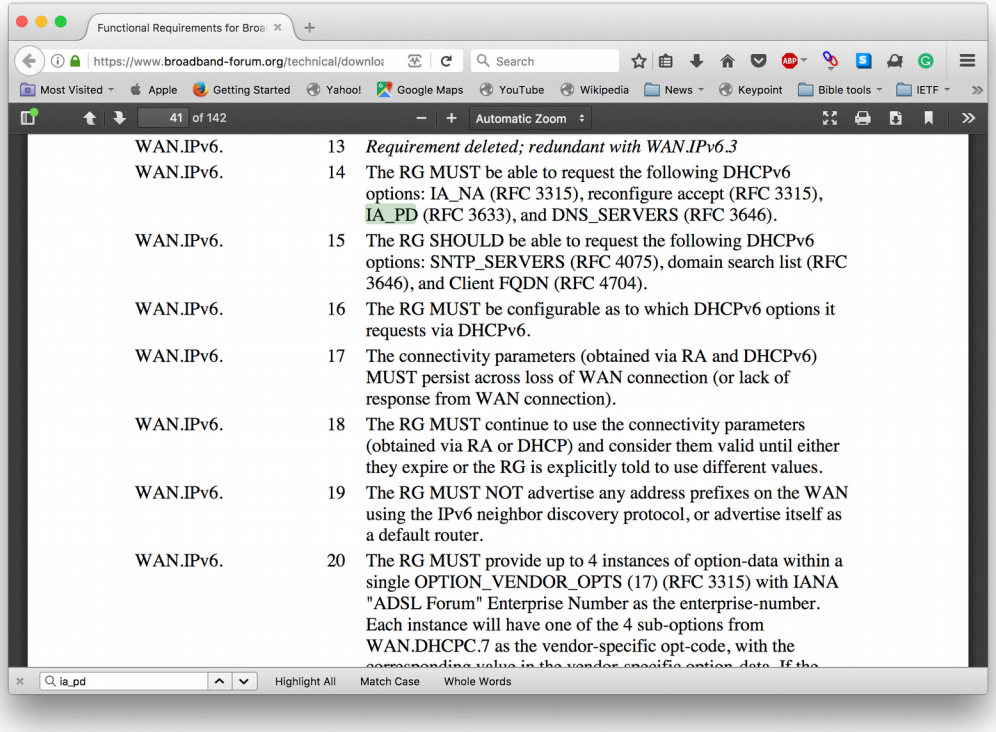

The summary

- *This router will not result in a residential user connecting using IPv6 unless they are bound and determined to get it on.*

- “German computer magazine C't tests every new router for "will it work with IPv6 on a dual-stack connection to Deutsche Telekom" - which is one of the dominant players in the market here - and half the devices fail. Today. Many years after DT started to turn on IPv6 by default on all new customer DSL lines.”

  - Gert Doering, SpaceNet AG