

IPv6 and FRITZ! Box

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History



First public beta since two and
half year
IPv6 is since Q4/2010
Standard feature in the
FRITZ!Box Firmware
AVM uses own WAN-Stack



Reference



Commercial Roll-Out in Q2/2010
Dutch DSL and FTTH ISP

natives IPv6 over xDSL and PPPoA/PPPoE

XS4ALL

meer internet.

Dual Stack Lite



Concept:

Needs a native IPv6 connection

No NAT for IPv4 in CPE

IPv4 is tunnelled into IPv6 and sent to an AFTR Gateway

AFTR Gateway converts the packets to IPv4 and sent it into the Internet

End-user can via Port Control Protocol (PCP) enable port forwarding for local IPv4 Services



Segmentation in LAN – cascade Router, Prefix Delegation in LAN

UPnP IGDv2

IPv6 and LTE

Firewall: Exposed Hosts

Voice over IPv6

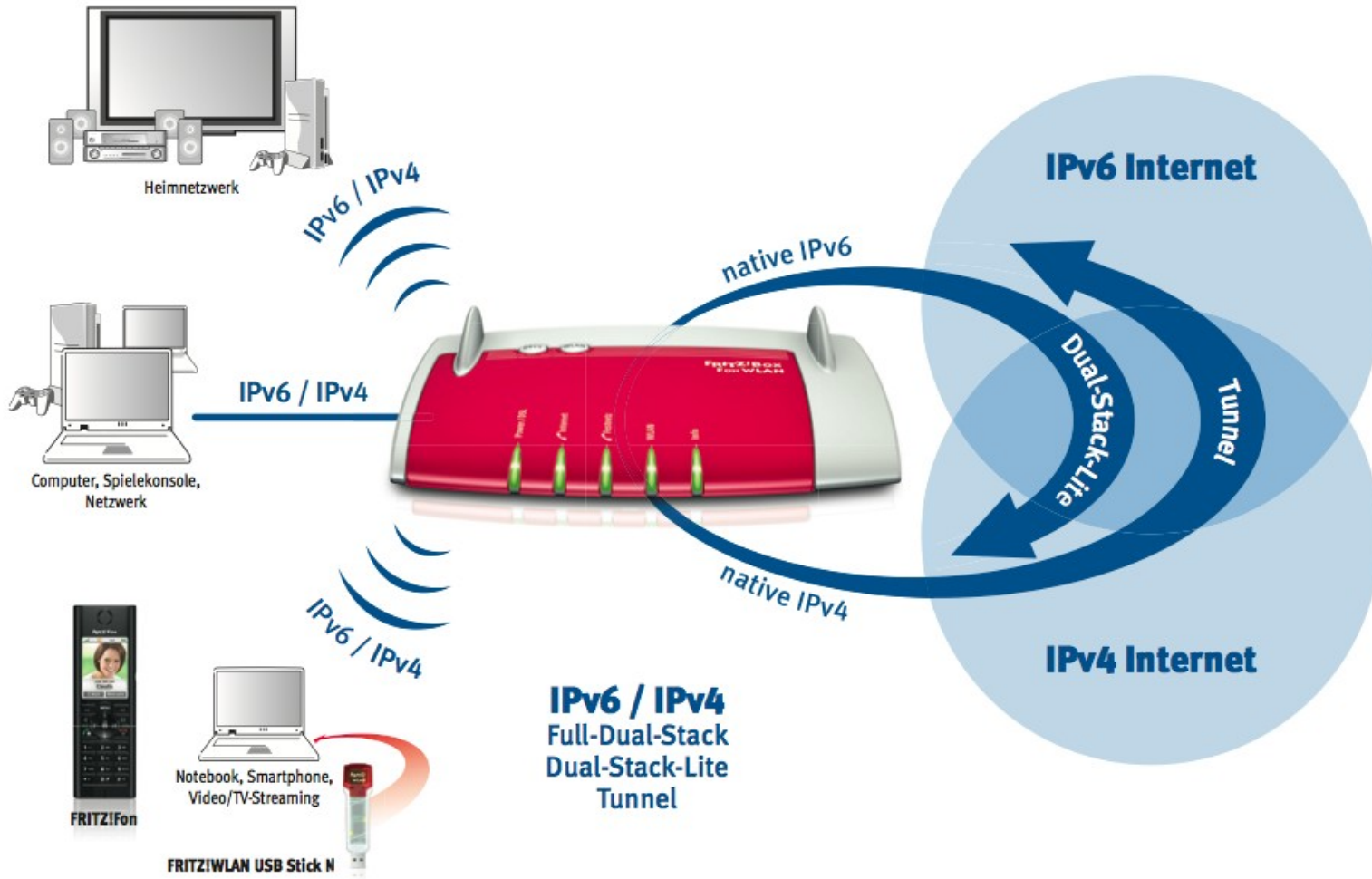
Remote Provisioning via TR-069

Transport via IPv6

Data model for IPv6 settings

Native IPv6 in Default-settings enabled (at this moment at XS4ALL)

Questions?



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