

IPv6-only Terminology Definition

draft-palet-v6ops-ipv6-only

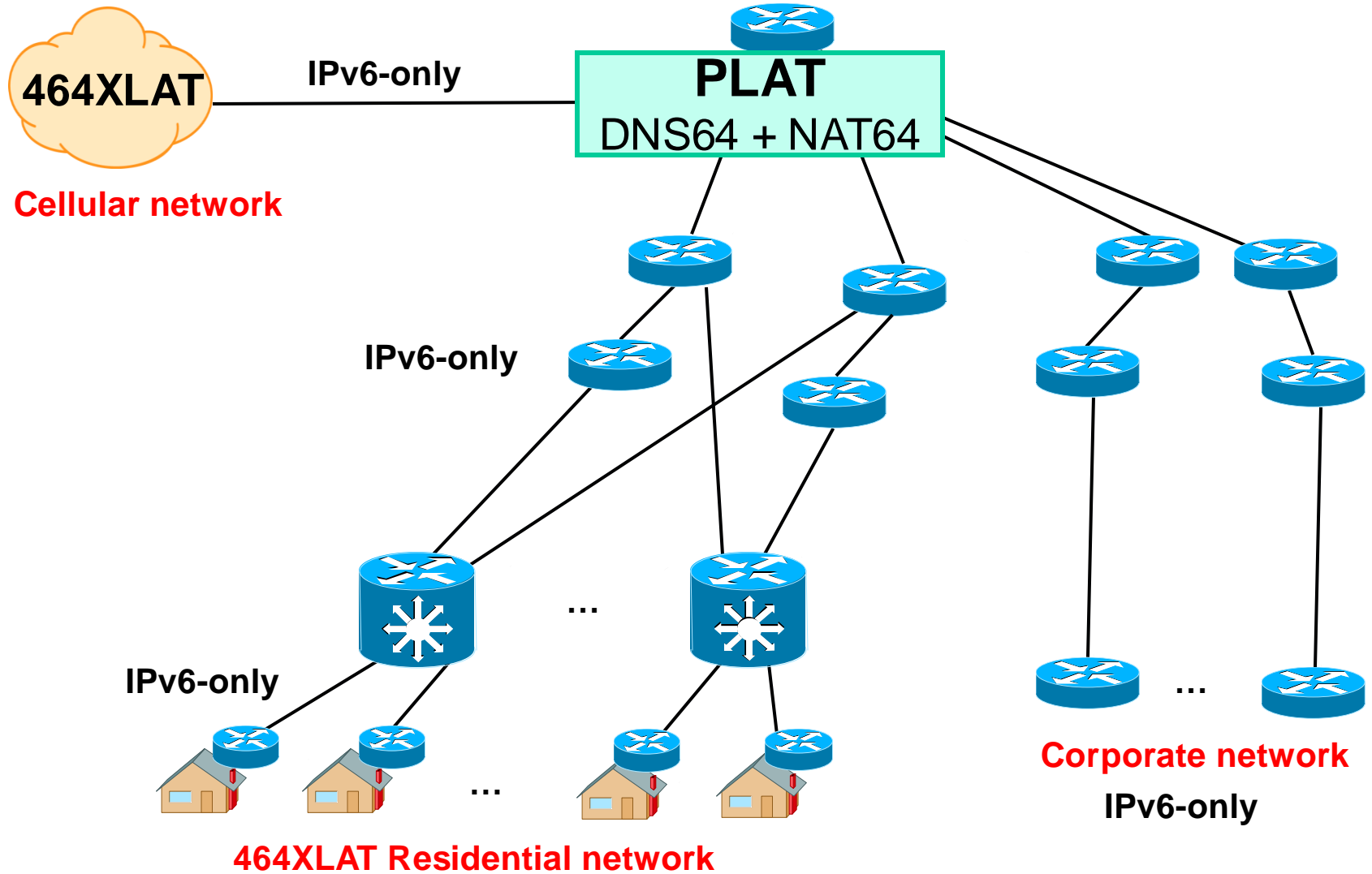
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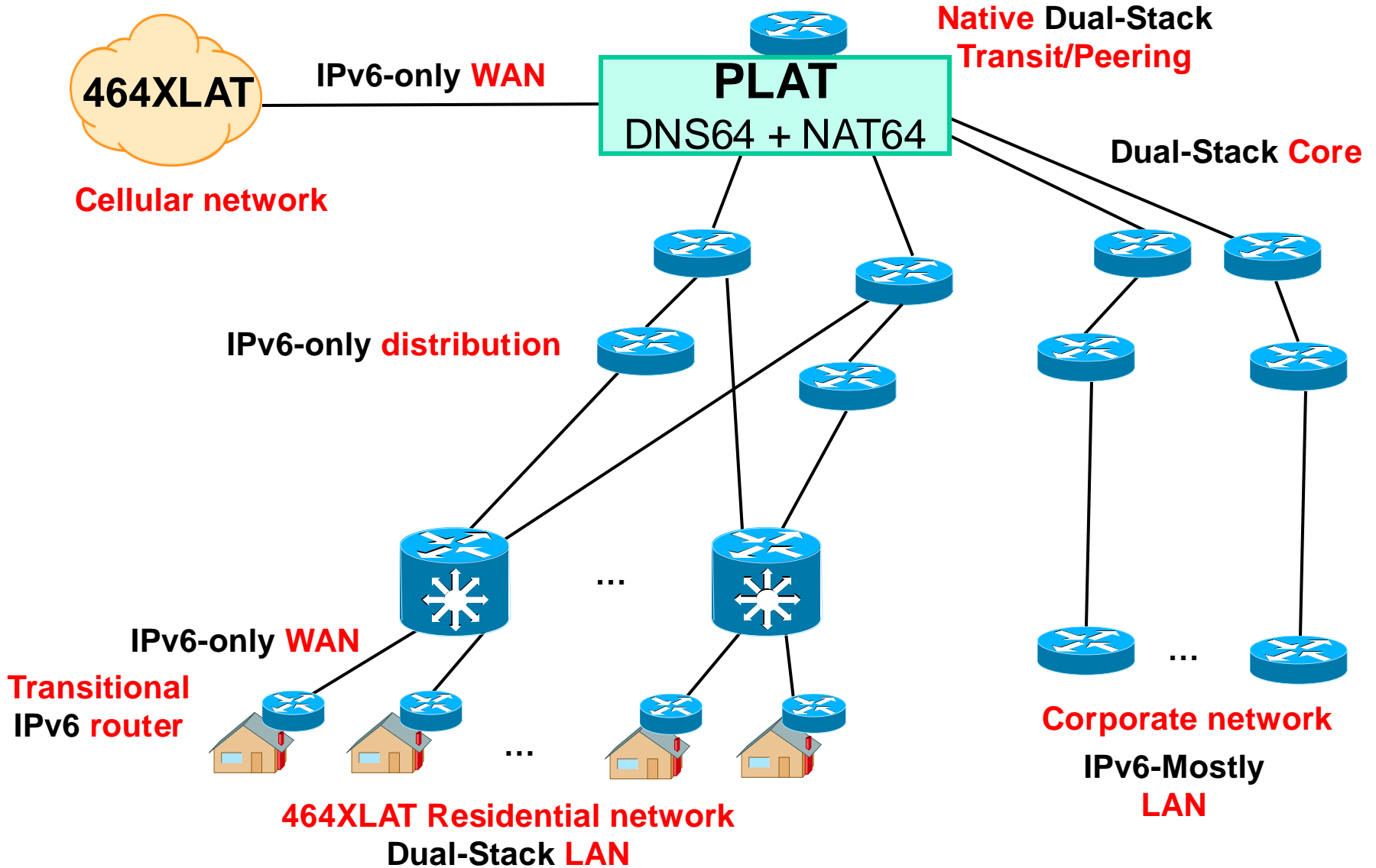
Problem and Goal

- Folks getting confused about:
 - IPv6-only
 - IPv4-only
 - Dual-stack
 - ...
- How to fix it (example for IPv6-only):
 - IPv4 is NOT being forwarded “natively”
 - State the “scope”, a specific network “part”

Example: IPv6-only network?



Example, in detail



Overall Definition

- “IPv6-only” used exclusively in a given part(s) of a network, depending on if there is actual native forwarding of IPv4, so IPv4 is not configured, neither managed
- In other words:
“where IPv6 is native”

Terms Defined

- IPv6-only
- IPv4-only
- Dual-stack
- Native dual-stack
- IPv6-only network
- IPv6-only WAN/access
- IPv6-only LAN
- IPv6-only host/router
- Transitional IPv6 host/router
- IPv6-Mostly Network Segment

Next steps

- Questions ?
- WG item ?
- Inputs ?