

IPv6-only Terminology Definition

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Problem and Goal

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

Discussion

- List and Previous meetings discussion
 - Most folks agree this should be defined
 - Some want to define each possible case
 - Which seems impossible
 - It seems better to define the basics and apply by “scope”

Native Definition

- "Native" means that IP packets run directly over a layer 2 (logical link layer) interface, for example, IEEE 802 link layer, without anything at layer 3 being encapsulated within an IP packet of another IP protocol.

IPv6-Only Definition

- “IPv6-only” in a given scope, means that only IPv6 is native in that scope. IPv4 is not configured neither managed in that scope, even if it may be transported (or encapsulated) on top of IPv6.

Next steps

- Inputs ?
- WG adoption ?