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An IPv6/IPv4 Multicast Translator based on IGMP/MLD Proxying(MTP)
draft-ietf-ngtrans-mtp-00.txt

An IPv6/IPv4 Multicast Proxy - Translator

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Why I am here?

- Proposing an IPv6/IPv4 multicast transition mechanism called "**MTP**" at the Ngtrans-WG.

The WG comments:

"It probably works well.

*But you need to **take a review by multicast specialists** before the Ngtrans-WG last step."*

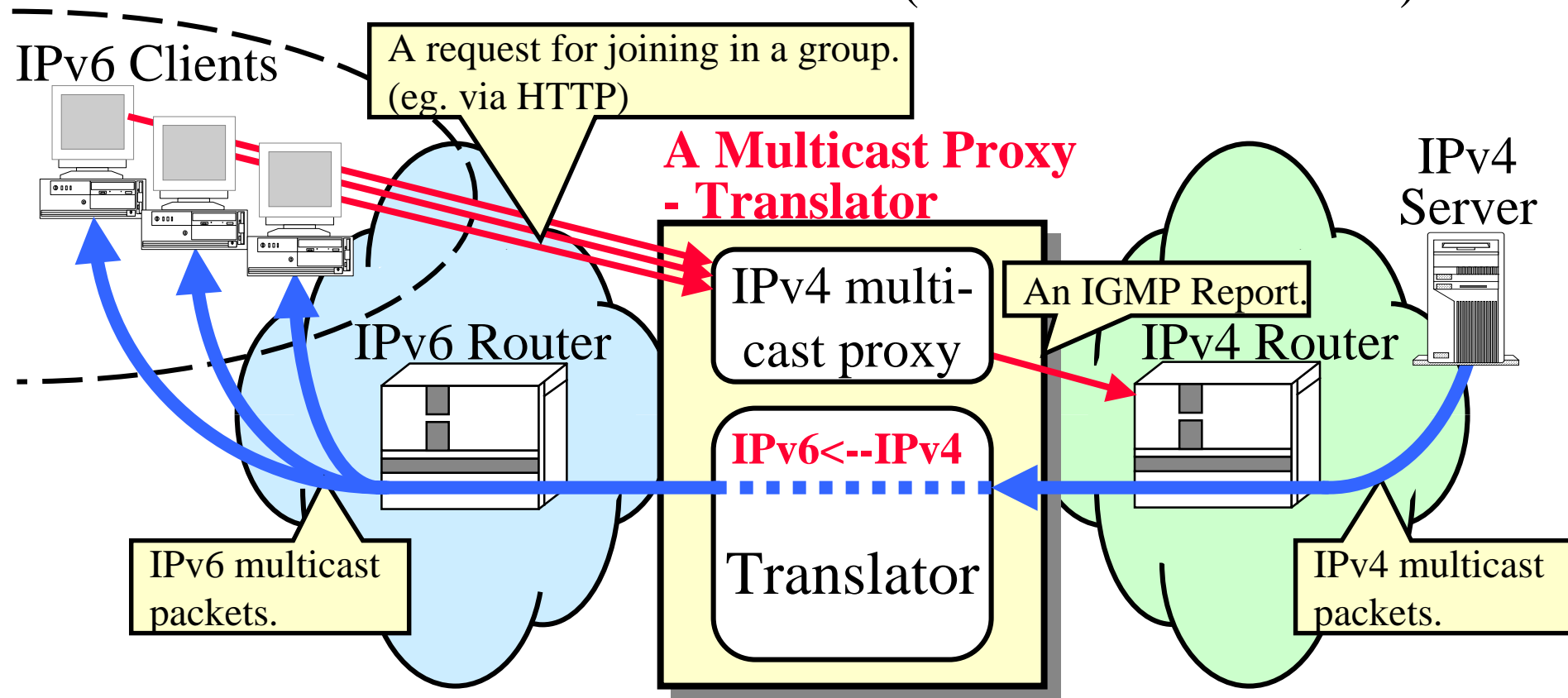
>>> I am here to take a review by the MAGMA.

Motivation

- There is expected to be a long transition period which will require IPv4 nodes and IPv6 nodes to coexist and communicate.
 - >> Some mechanisms which enable such communication for unicast are already defined.
 - >> **MTP enables such communication for "multicast."**

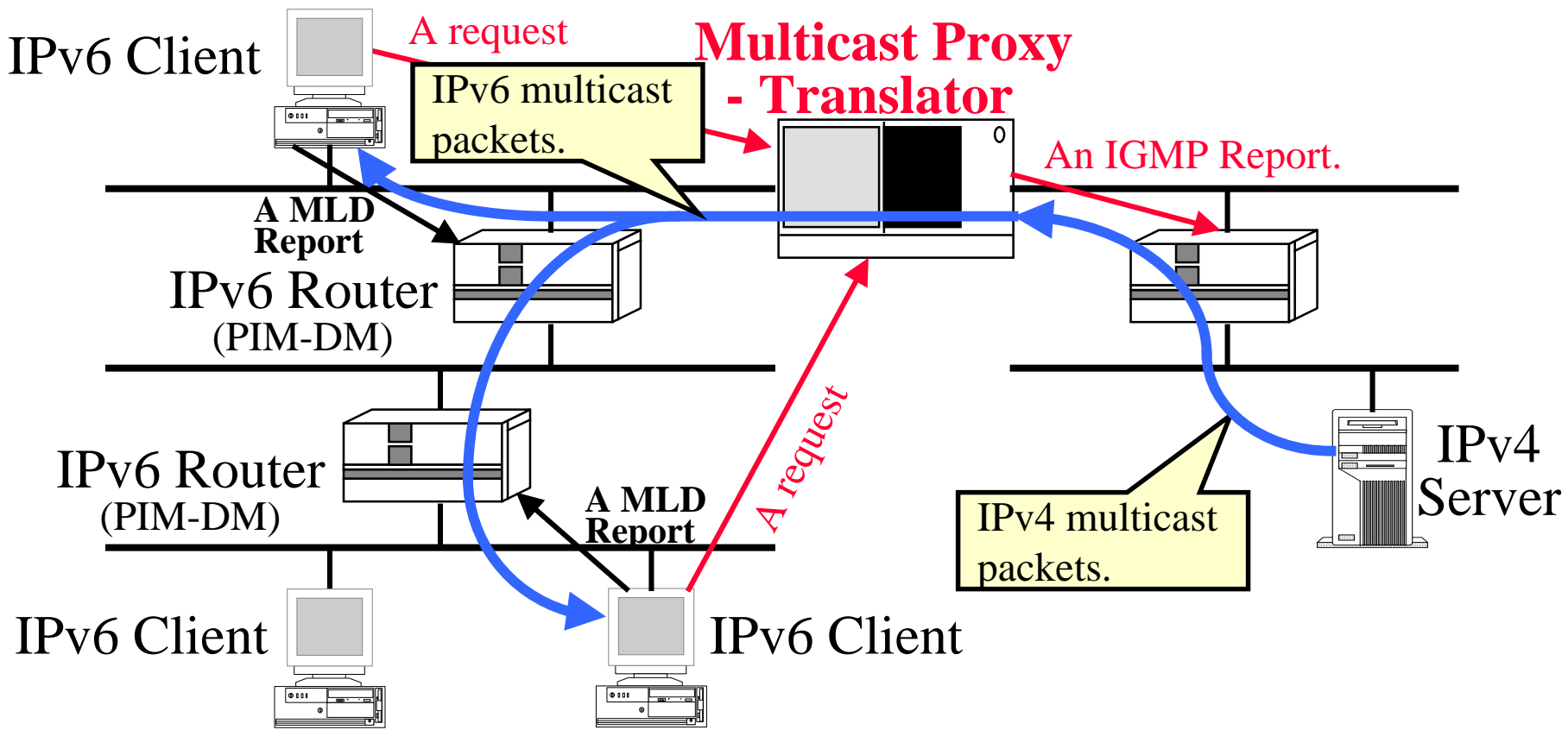
How does MTP work?

- It receives IPv4 multicast packets by joining in the group on behalf of the IPv6 clients, and translates them into IPv6.
(It can work vice versa.)



Implementation

- Implemented it on BSD/OS, and verified it worked well.



Question

- How do you feel about MTP?
(Don't you think that it works well?)