

# Categorizing Translators between IPv4 and IPv6 <draft-ietf-ngtrans-translator-02.txt>

Munechika Sumikawa  
Hitachi, Ltd. / KAME Project  
sumikawa@sumikawa.jp

Kazuhiko Yamamoto  
Internet Initiative Japan / KAME Project  
kazu@iijlab.net

# Purpose

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- To categorize translators from two points of view
  - address interpretation technique
    - header conversion
    - transport relay
    - application proxy
  - address mapping technique
    - static mapping
    - dynamic mapping
    - using FQDN
  
- Circulation of such knowledge
  - NOT a proposal of new translator

# changes from -01

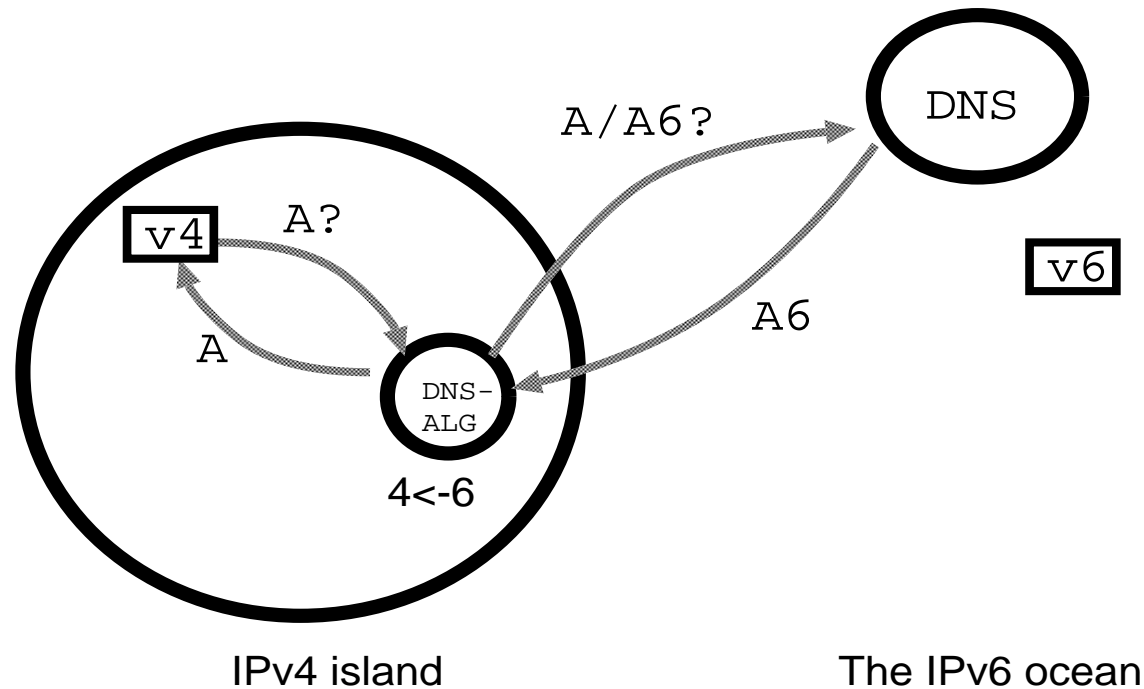
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- Describe IPv4/IPv6 mixed network
  - can simplify the combination of practical networks
- Add security consideration
  - end-to-end authentication(including IPSEC) is not available
  - same as NAT
- Add the case of A6 records in address mapping
  - the same technique as AAAA can be applied

# Example of A6 records in address mapping

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- Session from IPv4 node to IPv6 node



- More details are described in NAT-PT