

Stateful Translation For Multicast Transition

draft-tsou-softwire-6rd-multicast
draft-tsou-behave-translated-multicast
draft-tsou-softwire-encapsulated-multicast

Basic Idea

- Use stateful translation mechanism, accessible both to host side and border side of network.
- Pro:
 - Works for 6-4-6 scenario as well as 4-6-4
 - Works for ASM
- Con:
 - Requires translator, address pool administration
 - Requires pool of unicast addresses to be set aside for source translation
 - also a pool of multicast addresses, but probably not a problem
 - Requires coordination between host and border sides

Justification

- Tool to keep in reserve
 - Doesn't seem to be required for scenarios of immediate interest.
 - May turn out to be the best way of solving somer tricky issues in other scenarios.