

Mobility in a Dual Stack Internet

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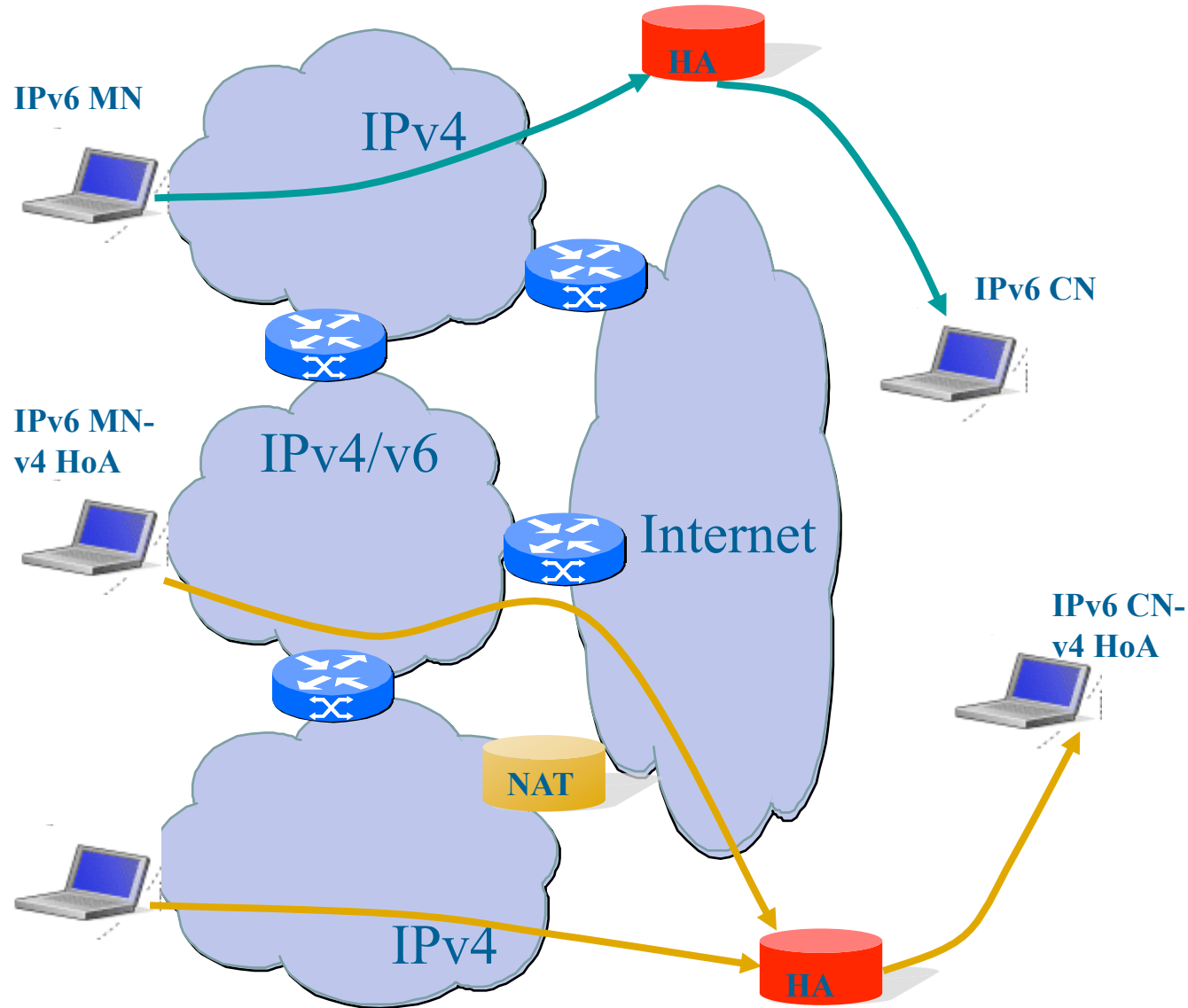
Hesham Soliman

draft-oulai-mext-dsmip-v4ro-ps

The problem

- DSMIPv6 allows the tunnelling of IPv4 in IPv6 and vice versa. It also includes NAT traversal for private IPv4 networks
- DSMIPv6 does not support RO between IPv6 nodes separated by IPv4 clouds
- DSMIPv6 does not support RO between IPv6 nodes using IPv4 HoAs to communicate
- Both scenarios are likely during the initial deployments and for a long time

Best Case scenario today



Questions to the WG

- Should this problem be solved?
 - Do you think RO is important?
 - Should it be done for DSMIPv6?
- See example solution:
- `Draft-oulai-mext-dsmip-ro`