

# Basic Nemo Usages

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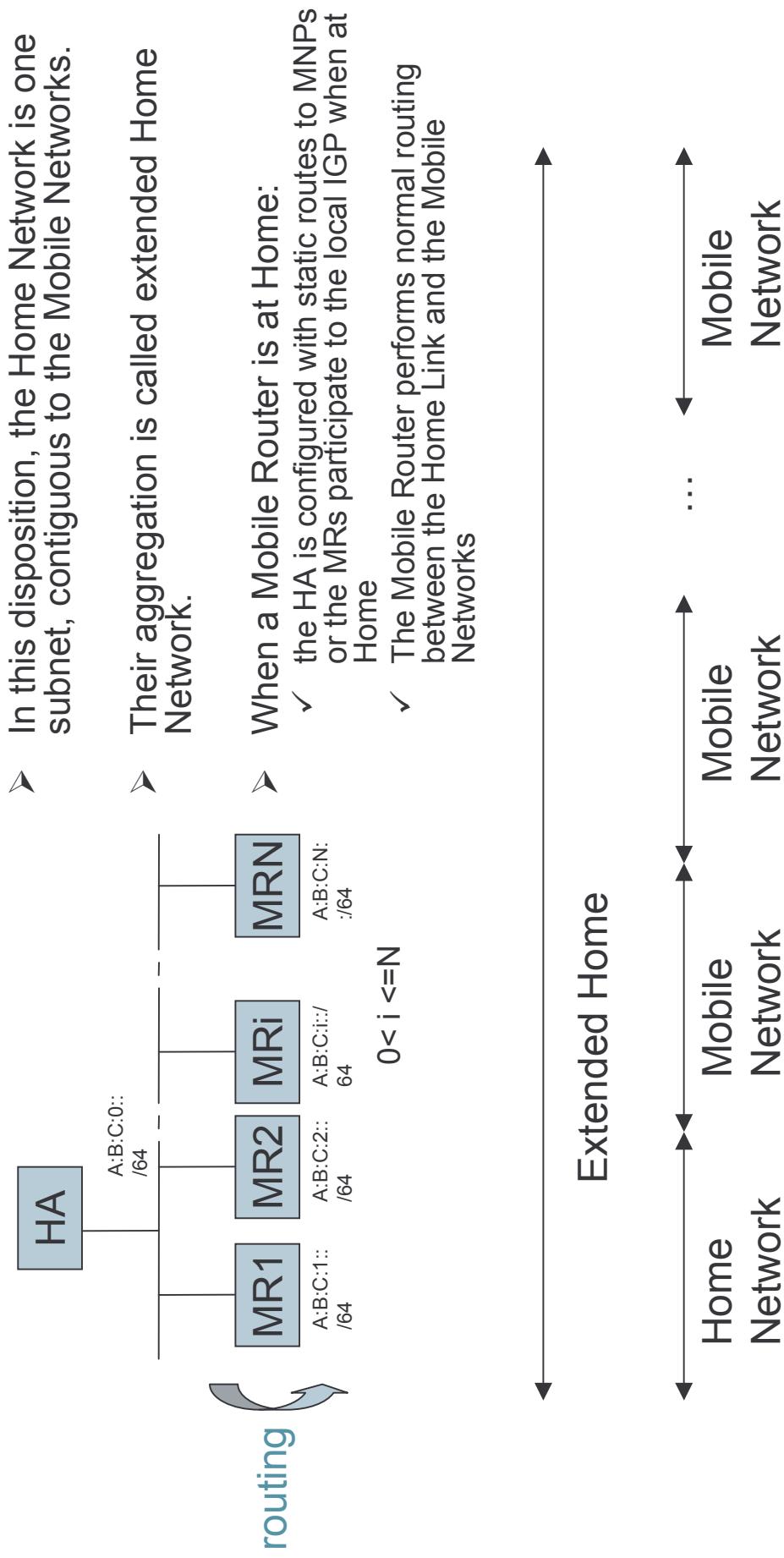
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# The concept of Home Network with NEMO

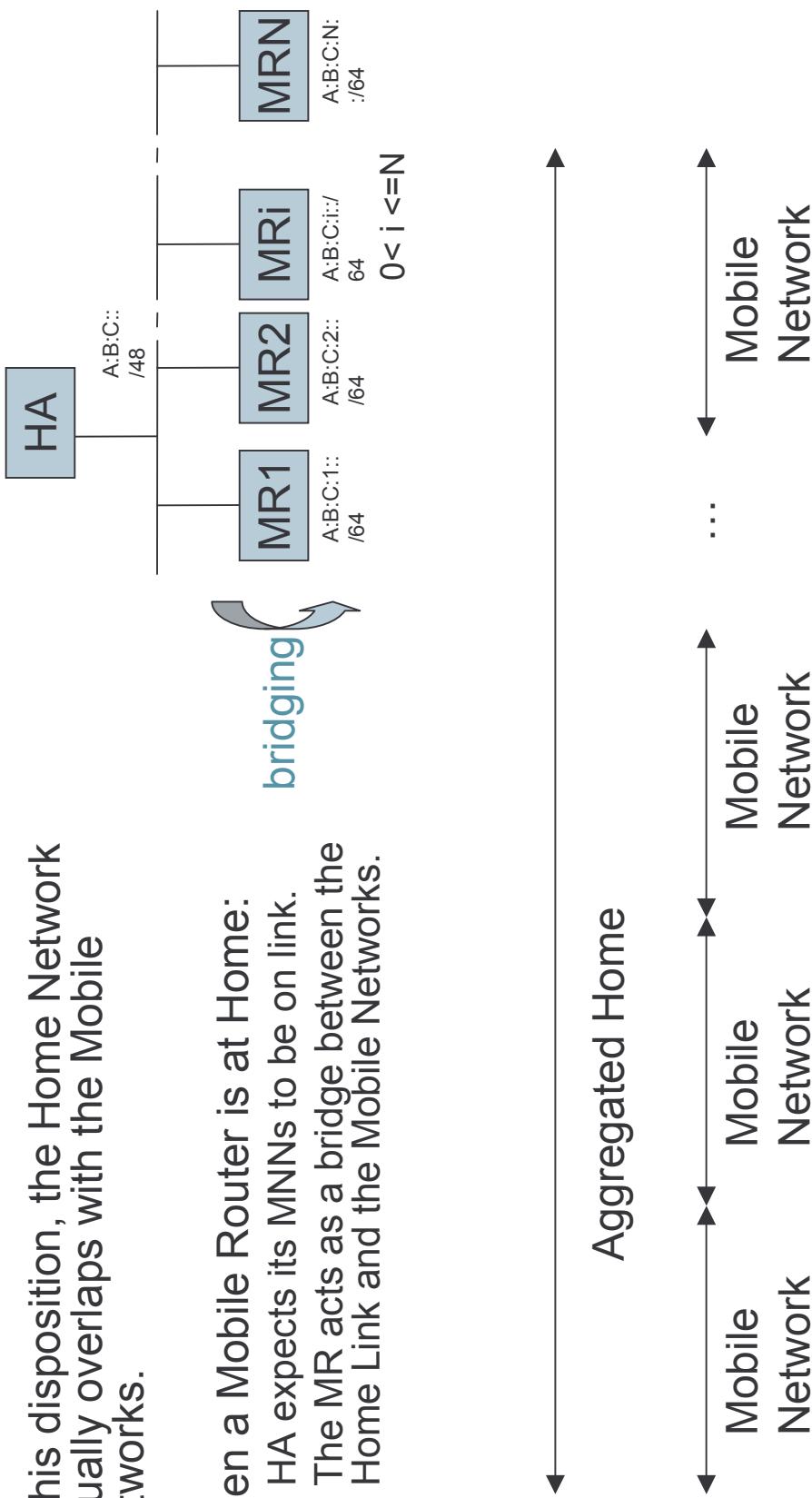
- ✓ The MIPv6 Home is a subnet on a physical link
- ✓ NEMO Allows Home to become an aggregation:
  - Extended Home Network
  - Aggregated Home Network
- ✓ NEMO allows Home to be virtual:
  - Virtual Home Network

# Extended Home Network

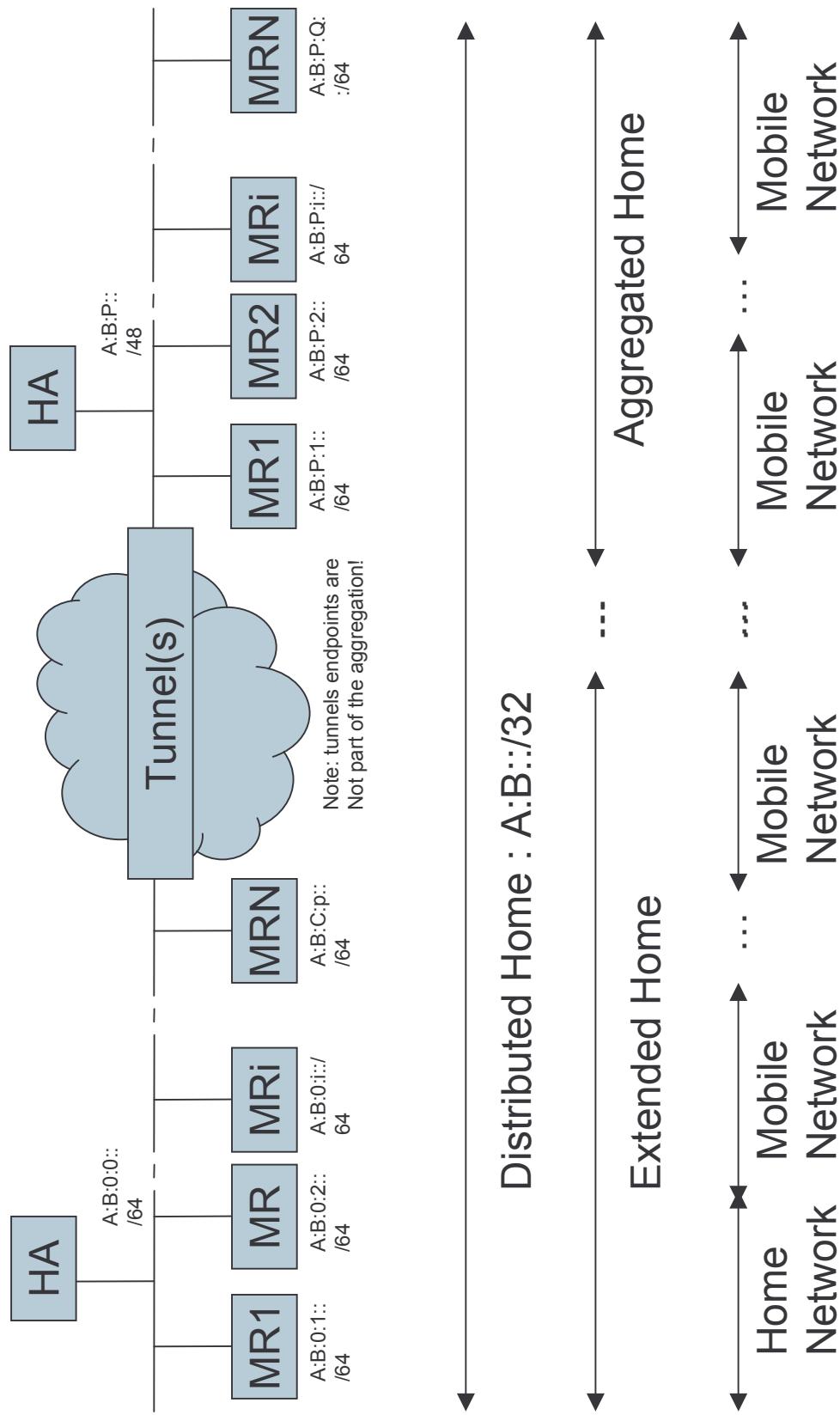


# Aggregated Home Network

- In this disposition, the Home Network actually overlaps with the Mobile Networks.
- When a Mobile Router is at Home:
  - ✓ HA expects its MNs to be on link.
  - ✓ The MR acts as a bridge between the Home Link and the Mobile Networks.



# Distributed Home Network



# Virtual Home Network

- ✓ Examples:
  - Home Link on a virtual link
  - Home Link on an automatic tunnel
    - (tunnel end point resolved dynamically using BCE)
- ✓ Works for all the previous models:
  - Extended, Aggregated, Distributed (even locally)
- ✓ Pros:
  - Higher availability of Home Link
  - Saves ND related activity (HA discovery, DAD, proxy ND)
- ✓ Cons:
  - No HA redundancy for the prefix on the Home Link
  - No returning Home

# Mailing List issues

- ✓ **Scope (aimed at informational):**

- Does not cover how to fix Virtual Network Cons
- Describes Home Network configurations: Broad enough?

- ✓ **Title**

- Does not reflect the actual coverage of the doc
- Should be "Examples of home networks for NEMO".

- ✓ **Prefix Length and subnetting:**

- /64 discussion. Plens are given as example only
- MR could have contiguous supernetted MNPs