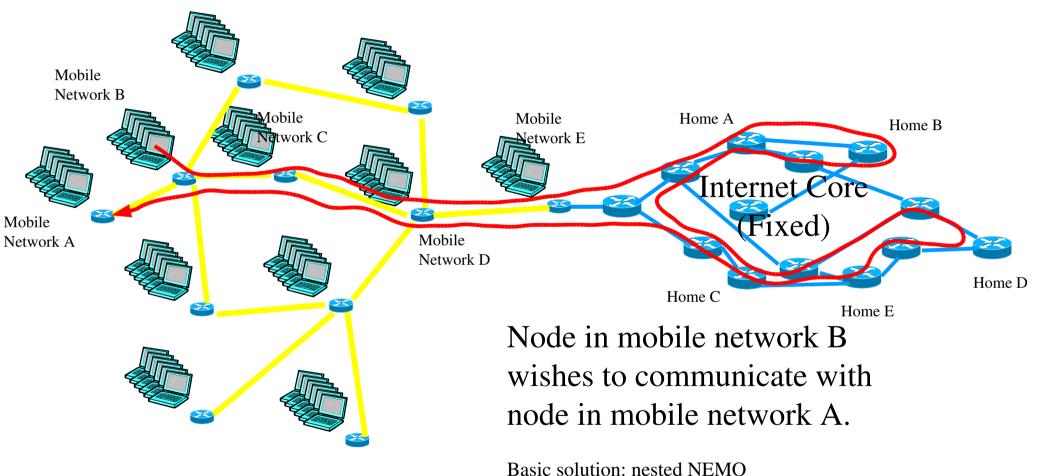
# MANET-based Nested NEMO Route Optimization

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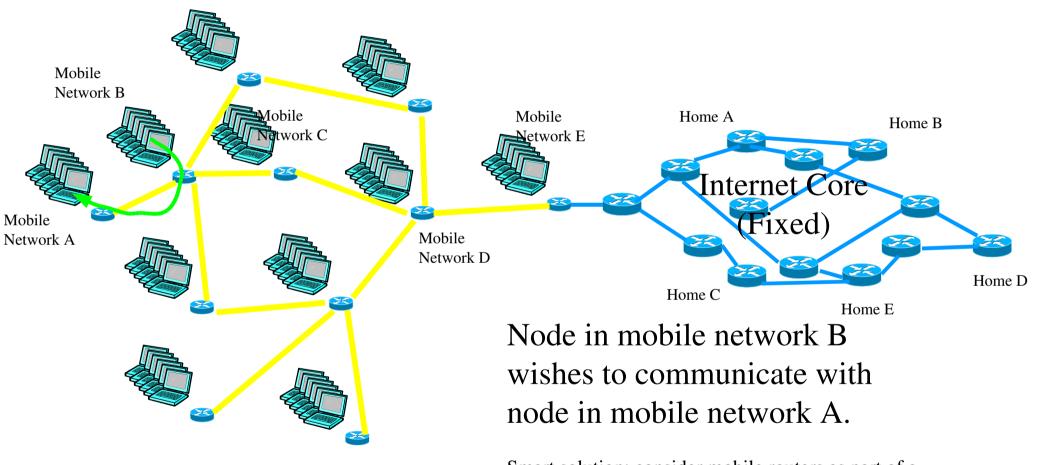
## NEMO-to-NEMO



Con: suboptimal routes, nested encapsulation of all data

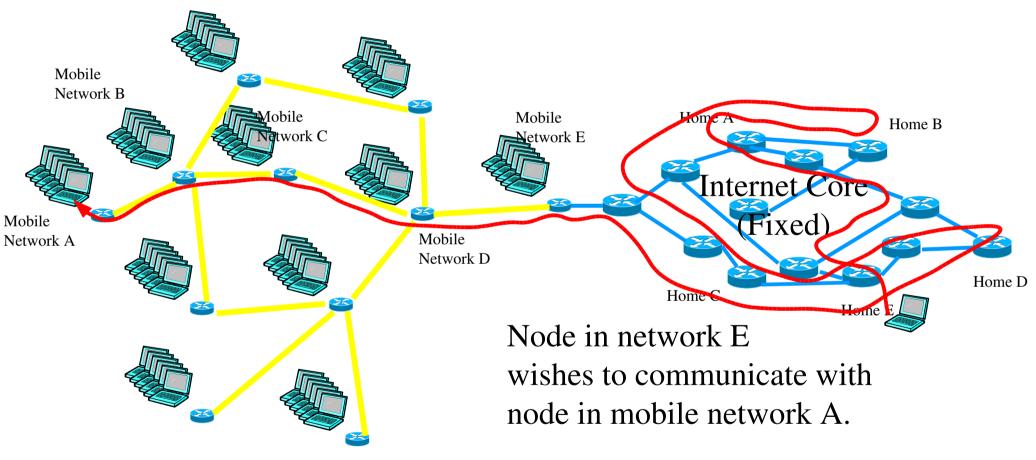
traffic.

## NEMO-to-NEMO



Smart solution: consider mobile routers as part of a MANET – run OLSR for route maintenance & optimization.

# Internet-to-NEMO

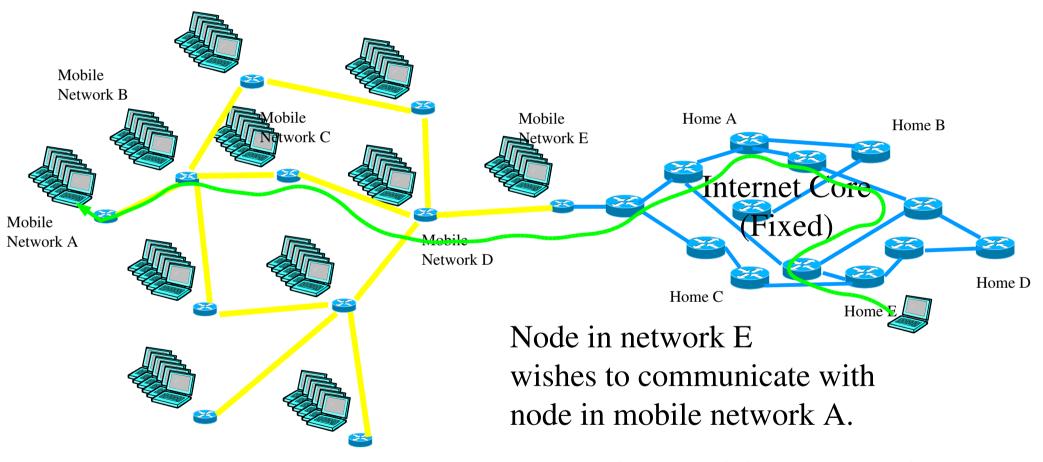


Basic solution: nested NEMO

Con: suboptimal routes, nested encapsulation of all data

traffic.

#### Internet-to-NEMO



Smarter solution: OLSR within nested NEMO, inform home agent of A that point-of-attachment is throuth mobile network E. (Same overhead as 1 niveau of nesting)

Possible combination with CR for shorter tunnels?

#### Goals

- draft-clausen-nemo-ro-problem-statement-00.txt
  - contribute "MANET" solution to RO problem statement,
  - merge with other RO-problem-statements.

#### • General:

- route optimization in dynamic networks: long-time MANET experience → avoid "reinventing the wheel,
- possible cross-fertilization:
  - requirements from NEMO → MANET,
  - experience/lessons learned from MANET → NEMO.