

NEMO Route Optimization for Personal Mobile Routers

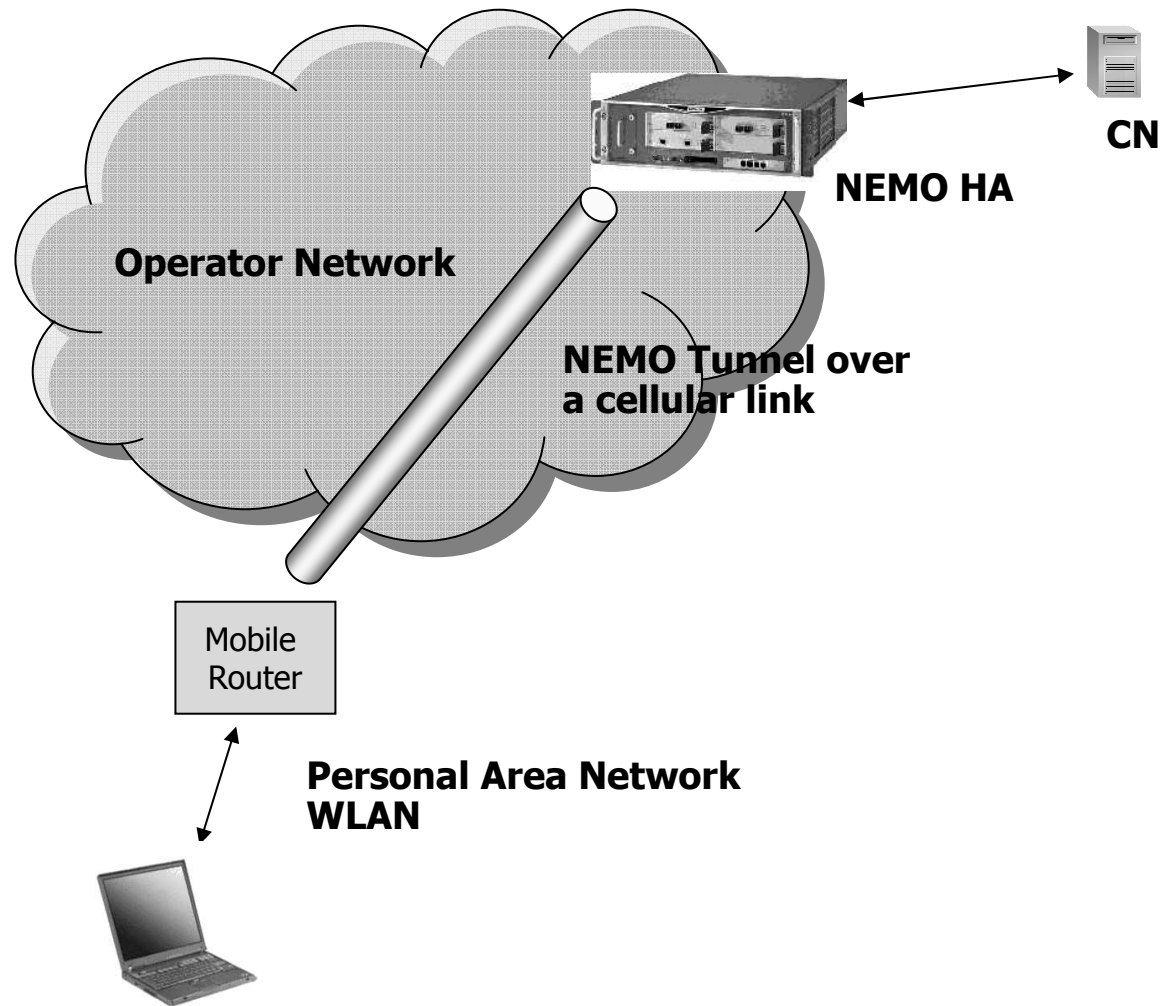
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Personal Mobile Router

- Could be a cell phone or a wireless router
 - Uplink is a cellular link
 - Downlink would be WLAN/Bluetooth/etc
- Acts as a personal gateway for each user providing connectivity and mobility to devices owned by the user
- Operator configured

Personal Mobile Router



Route Optimization

- Route optimization would be nice to have between two personal mobile routers
 - Otherwise all traffic between two mobile routers goes through the Operator home agent all the time
 - “Local breakout” is an attractive feature
- Good thing is that both mobile routers belong to the operator and are configured by the operator
 - Makes setting up security between the two mobile routers a bit more manageable
 - These are not two random mobile routers

Next Steps

- Will be submitting a requirements/problem statement document soon
 - It will talk about what is need for these PMRs to setup route optimization
 - It will talk about the issues too