

Proactive optimized neighbor discovery with source address validation for non-transitive non-broadcast multiple access low-power and lossy networks with undetermined connectivity properties.

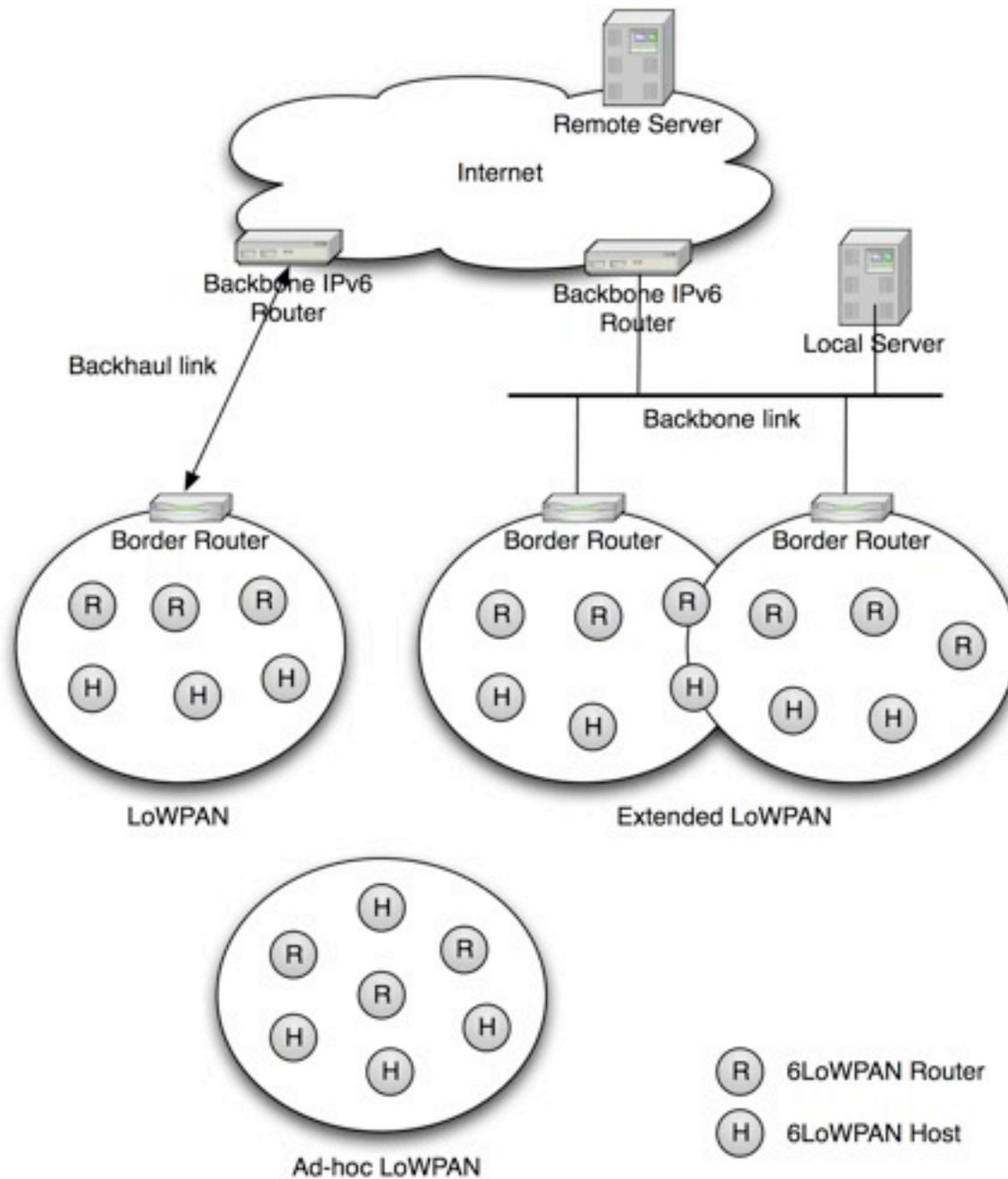
(PREPONDERANCE LANDSCAPE)

and soon to be known as 6lowpan-nd-09

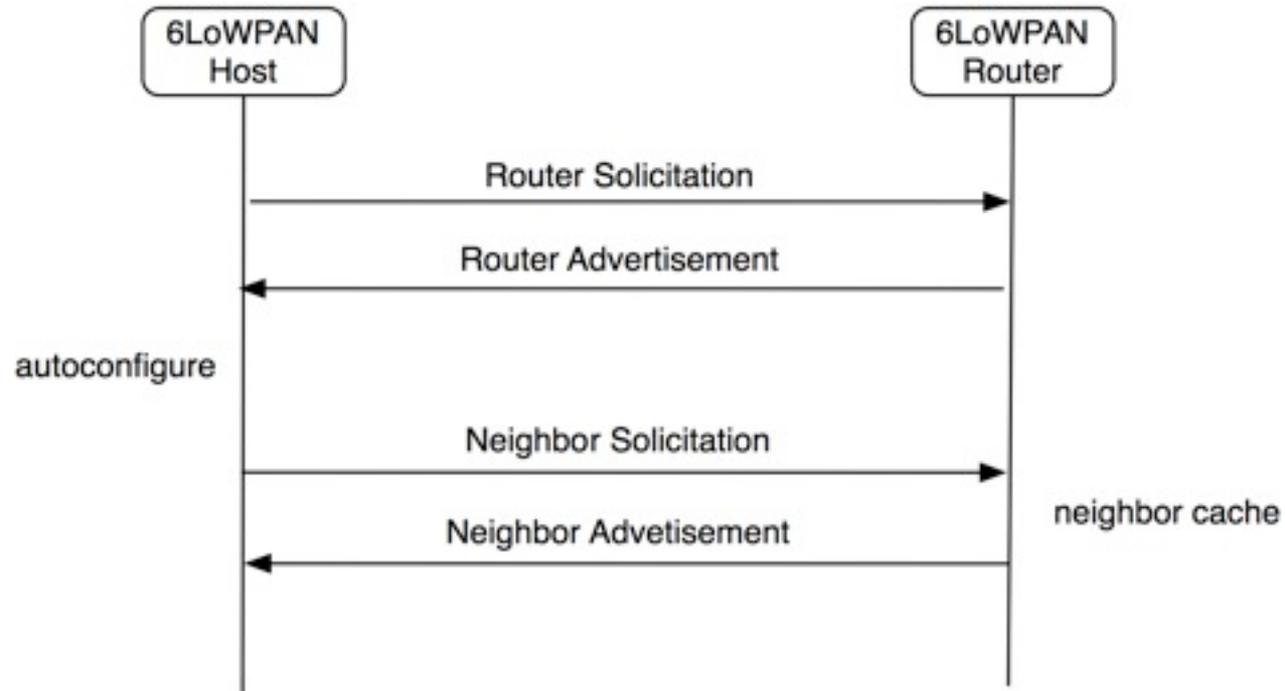
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# ND optimized for LLNs

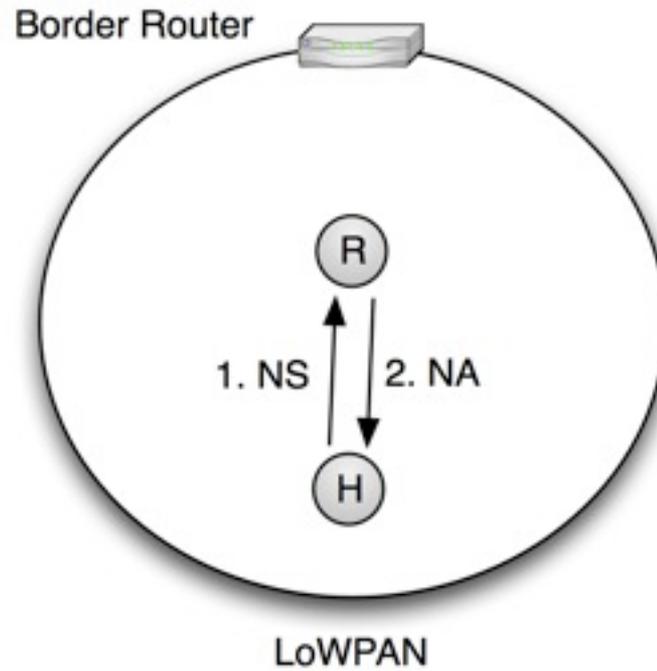
- Base ND optimization mechanism for LoWPANs
  - Optimizes the host-router interface
  - New address registration mechanism
  - Neighbor unreachability detection
  - Almost no multicast, host initiation
- Optional duplicate address detection
- Multihop prefix and context dissemination
- Compatible with link-layer mesh and IP routing
- Incorporates the new autoconf addressing model!



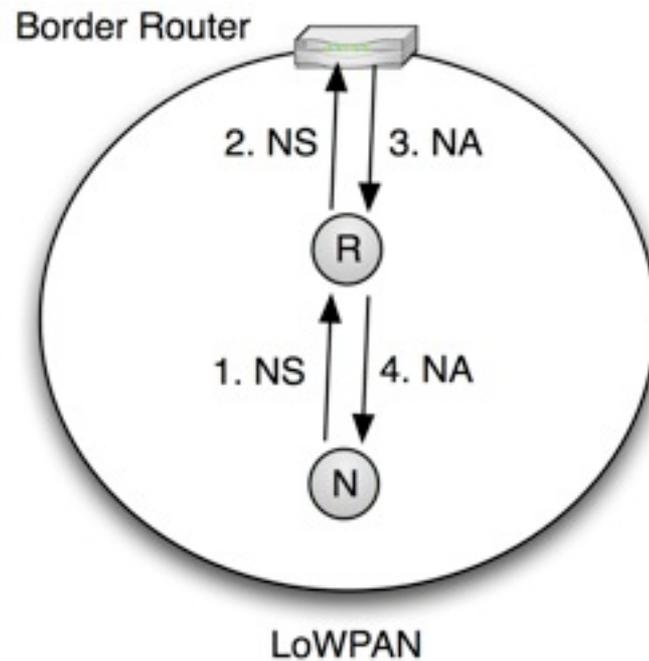
# Basic operation



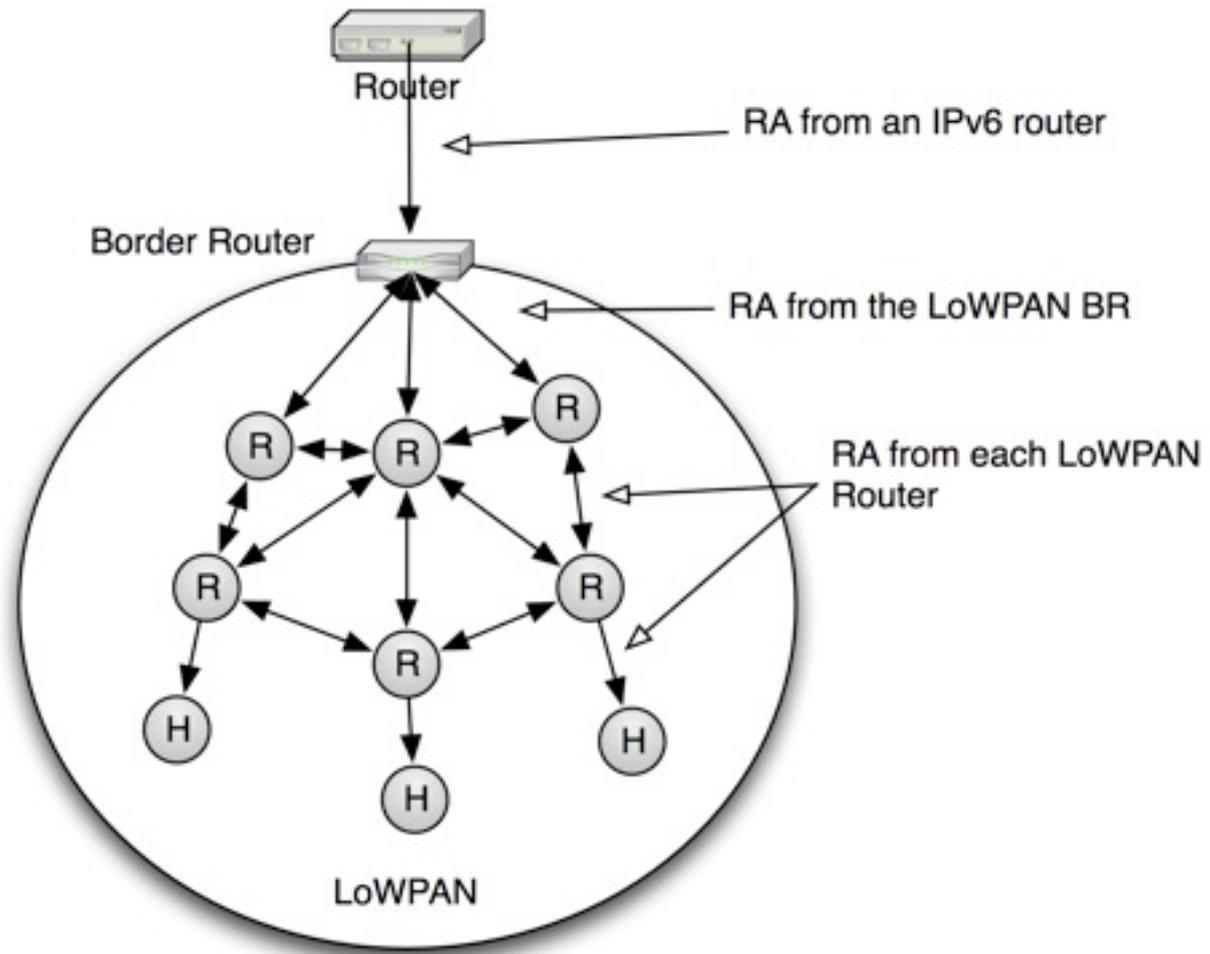
# Host-Router interface



# Duplicate address detection



# Multihop prefix distribution



# Put it all together...

