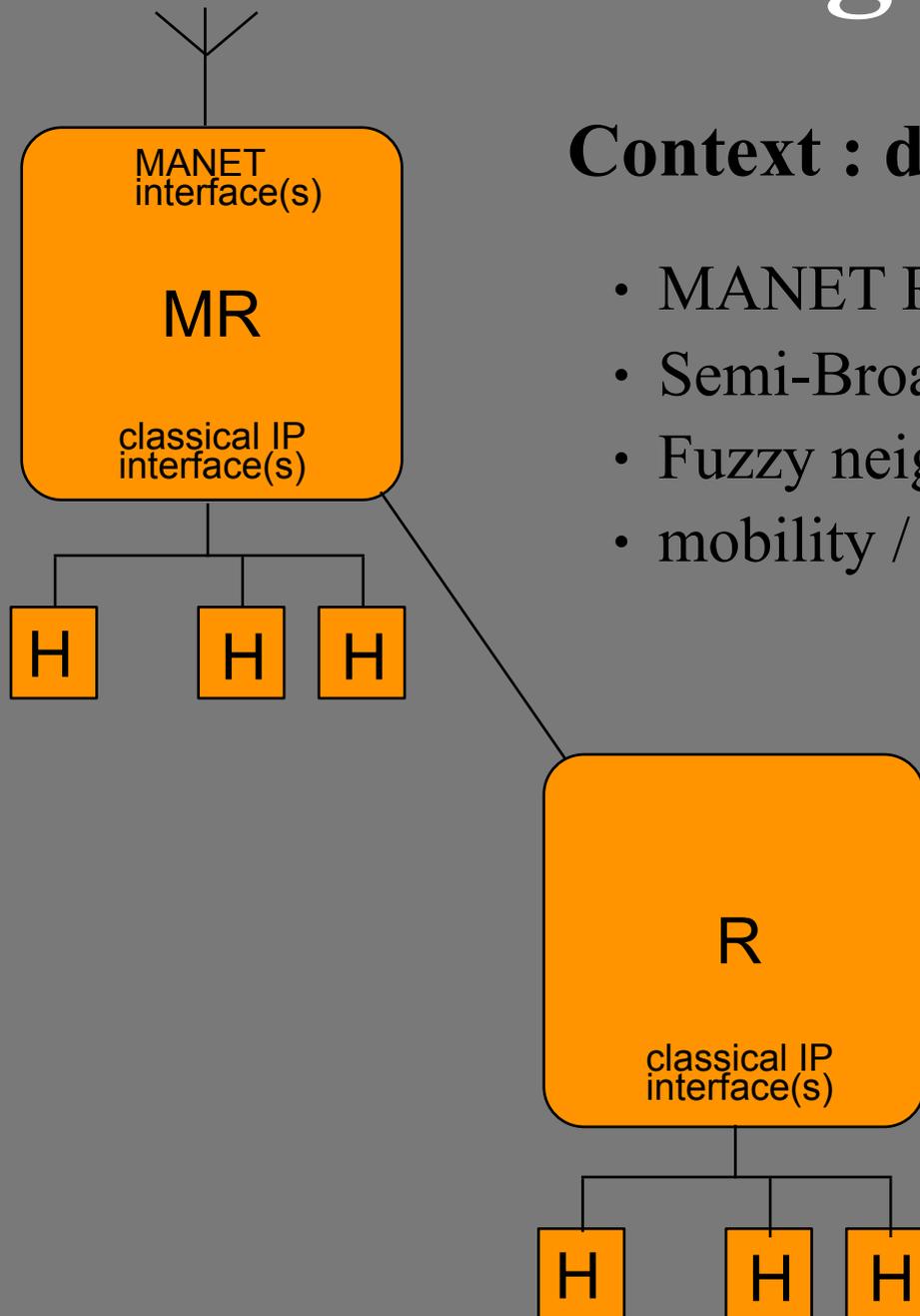


Autoconf Problem Statement

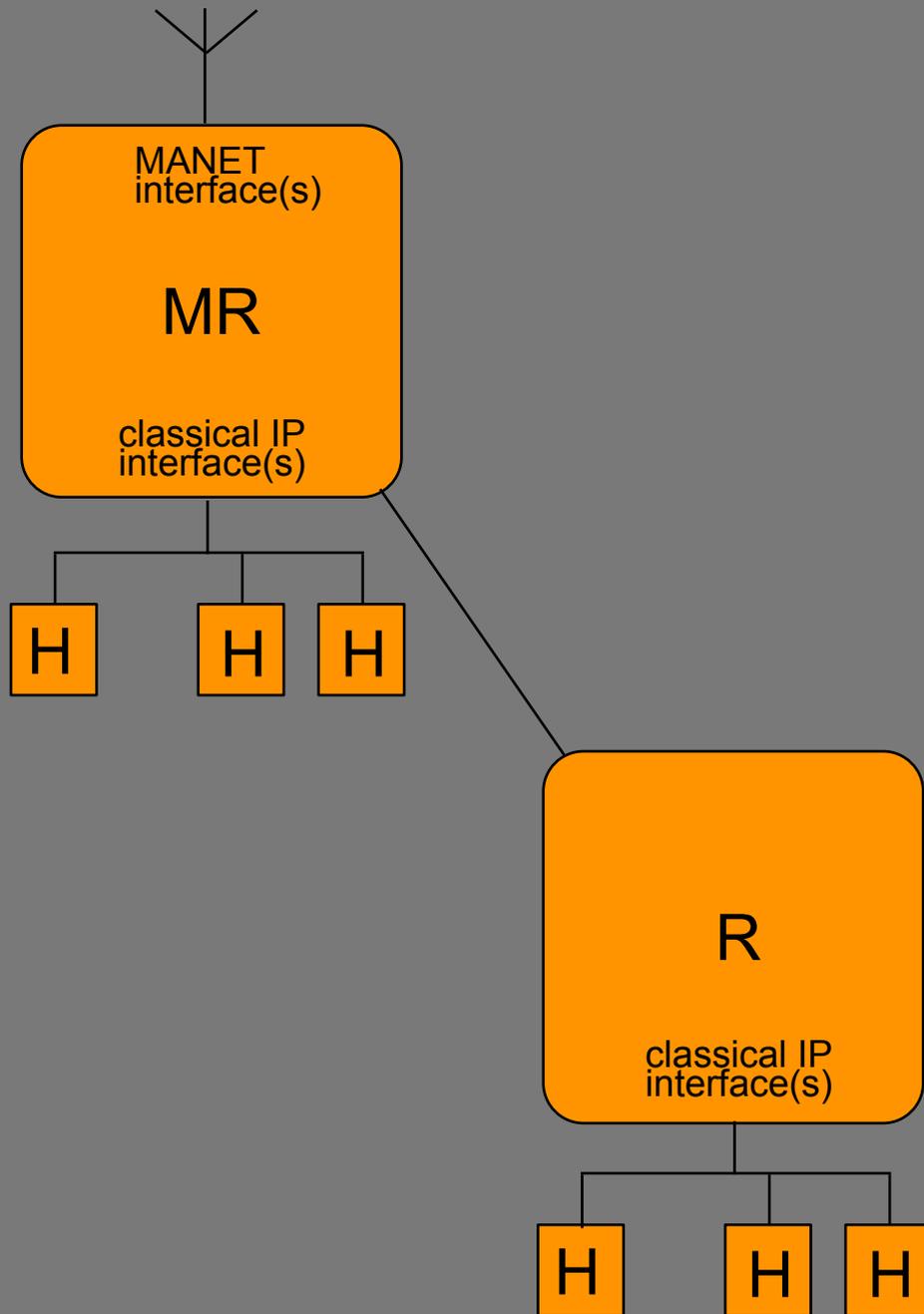
Background



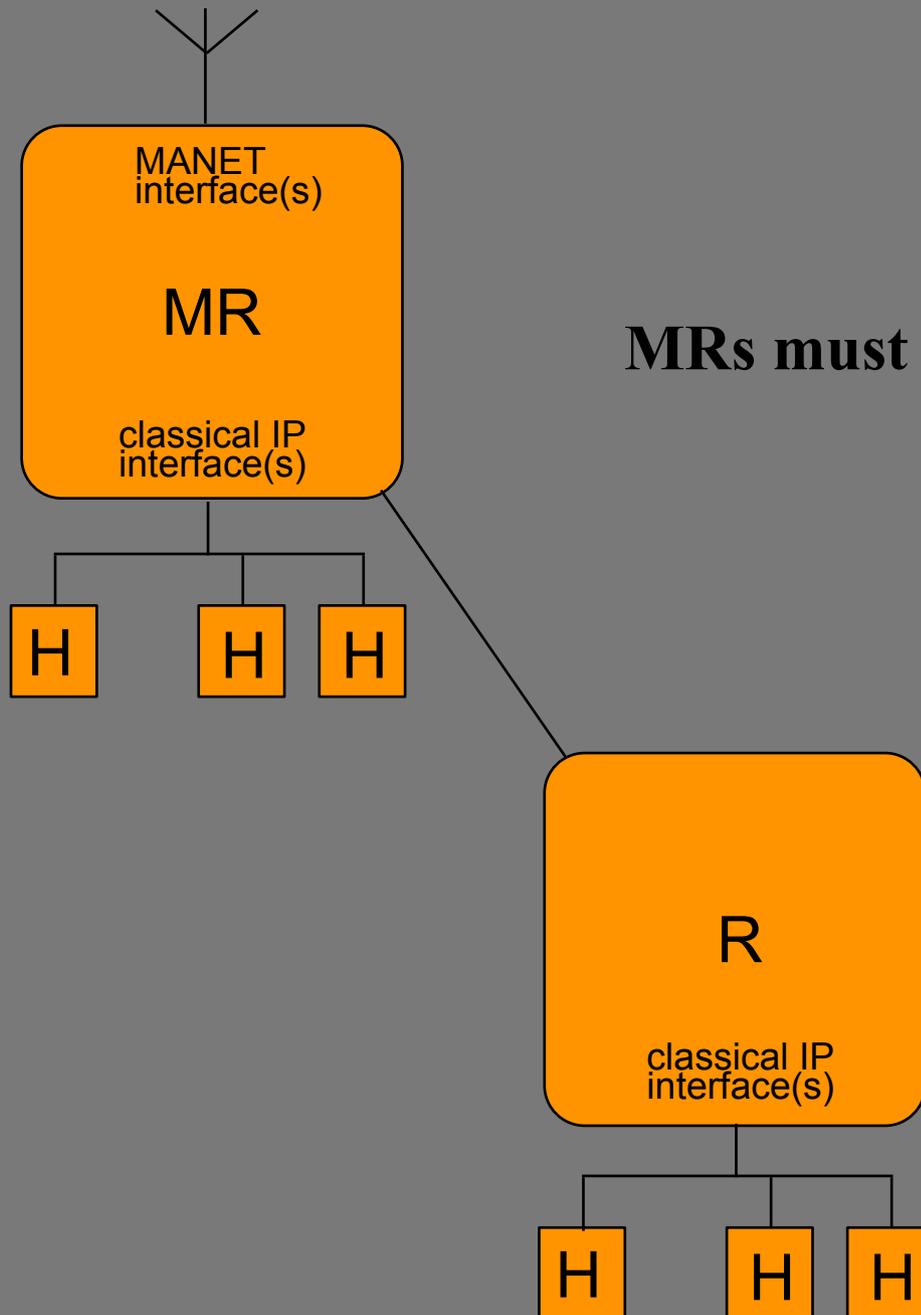
Context : draft-ietf-autoconf-manetarch

- MANET Router = Router with MANET interface
- Semi-Broadcast interfaces (SBI)
- Fuzzy neighborhood
- mobility / ad hoc

Goals



Goals

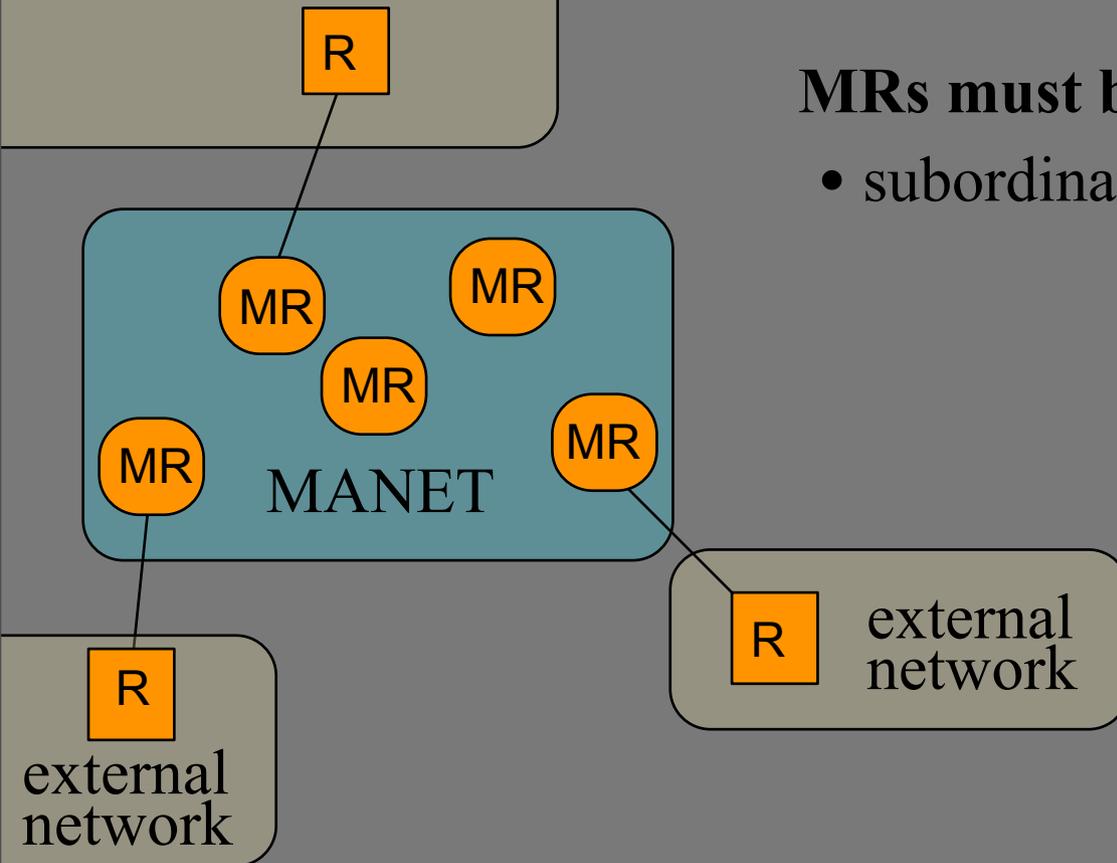


MRs must be able to acquire a unique prefix

Goals

External network
(e.g. the Internet)
imposing address
hierarchy

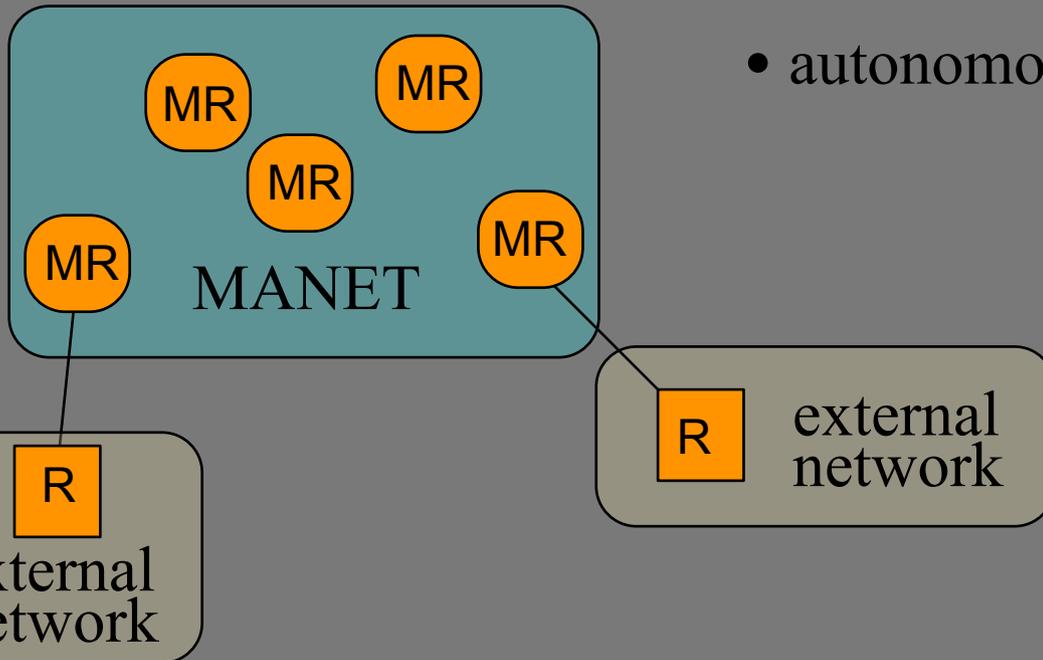
- MRs must be able to acquire a unique prefix**
- subordinate MANET : topological correctness



Goals

MRs must be able to acquire a unique prefix

- subordinate MANET: topological correctness
- autonomous MANET



Goals

MRs must be able to acquire a unique prefix

- subordinate MANET: topological correctness
- autonomous MANET

Challenges: MANET interfaces

- Semi-Broadcast Interfaces
- Fuzzy neighborhood
- Mobility / ad hoc