

# Homenet Naming and Service Discovery Architecture

Ted Lemon, Nominum <mellon@fugue.com>



# Homenets are MIF nets

- There are  $n+1$  provisioning domains in a homenet, where  $n$  is the number of provisioning domains outside the homenet.
- A roaming homenet host may also participate in the homenet PvD
- Asking questions of a PvD in a homenet is complicated by the fact that the providers of each of the  $n$  PvDs are not present on the local link

# How to query dns for different PvDs

- Current draft says that each PvD has its own resolver IP address on each link.
- We could also do this with EDNS0 options.
- I think multiple IP addresses is easier, in the sense that it requires no new protocol for queries, but would be curious to know what the WG thinks