

# AUTOCONF

## 24/07/2007 - Chicago

~~MANEMO  
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# Practicalities

- <http://www.mobileip.jp/MANEMO>
- Jabber scribe?
- Minute taker(s) (x2)
- Blue sheets
- State your name at the microphone



# Agenda

- Agenda Bashing ~ 5 min
- Introduction & Scope ~10 min (TClausen)
- Scenarios & Requirements ~40 min (TBoot)
- Architectural Considerations and Relationship within the IETF ~40 min (RWakikawa)
- Discussion & Next Step(s) ~25 min (TClausen)

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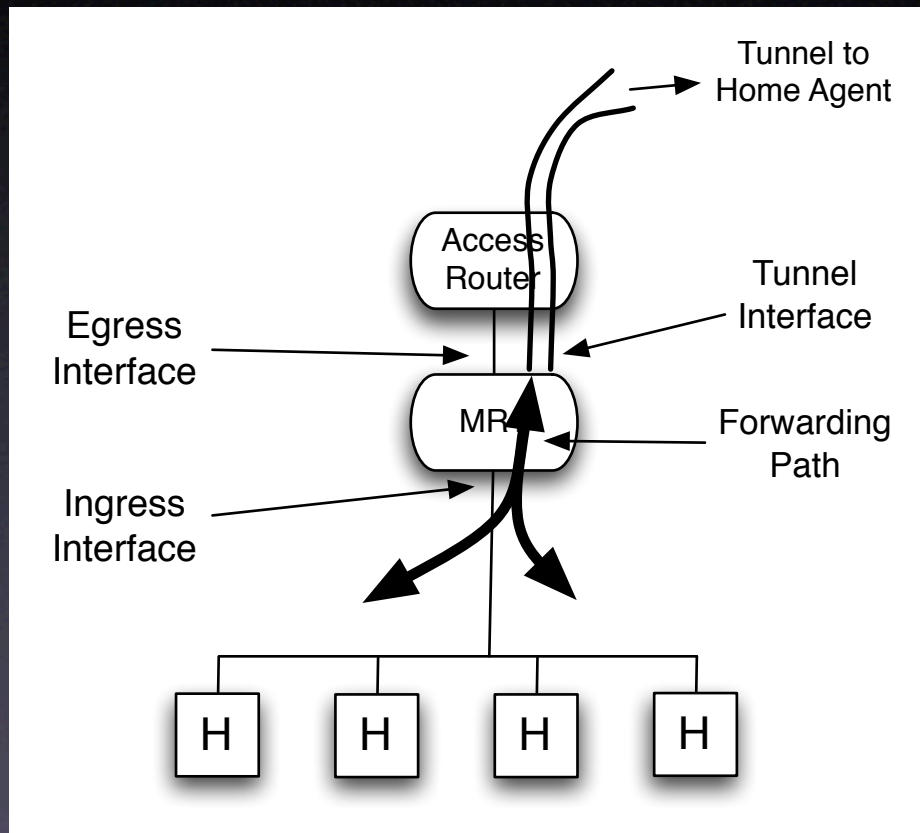
# Introduction & Scope

- Background:
  - Bar-BOFs @68<sup>th</sup> in Prague
  - Slightly more formal format @68<sup>th</sup>, host:AUTOCONF
- Goals:
  - Scenarios, use-cases, relationships within IETF

# ATTENTION

- NOT an AUTOCONF Rechartering
- NOT a place for solution discussions

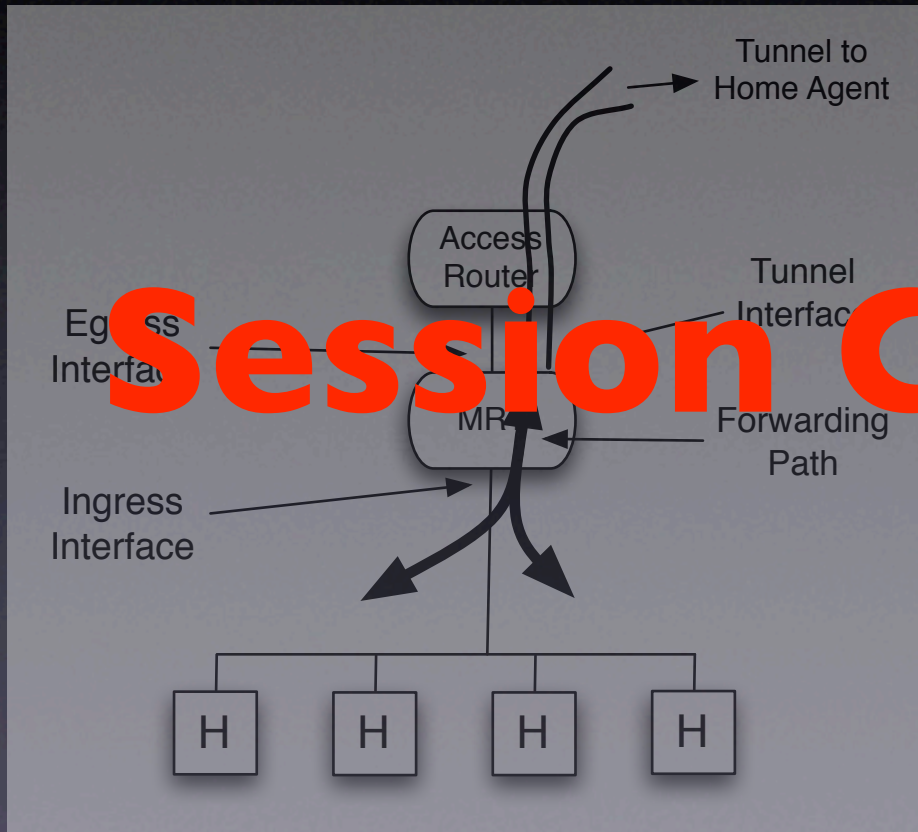
# A Nemo Mobile Router



- 2 phys. interfaces, roles
  - Egress - “pretends to be host”
  - Ingress - “pretends to be router”
- **Roles:**
  - impose behavior
- **Forwarding:**
  - tunnel interface to HA
  - simple, static forwarding rule



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  - tunnel interface to HA
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# MANET Interface

`draft-ietf-autoconf-manetarch`

- Descriptive of **characteristics** of a physical network interface:
  - fuzzy neighborhood relationship, semi-broadcast, ...
- non-prescriptive:
  - no protocols are imposed on a MANET interface, but.....
  - ...if you expect your protocol to run over a MANET interface, it should be handle specified characteristics



# MANET Interface

`draft-ietf-autoconf-manetarch`

- MANET Interfaces are inclusive:
  - a protocol designed for a MANET interface would also run fine over an Ethernet.....
  - .....reverse not (always) true.



# An Analogy...

- **Role** (ingress, egress interfaces):
  - “if you’re meeting with clients, then attire is business suit and tie”
- **Characteristics** (MANET interface):
  - “if you go to Helsinki in the winter, then it may be quite cold”

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