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 (T.Clausen)
- Scenarios & Requirements ~40 min (T.Boot)
- Architectural Considerations and Relationship within the IETF ~40 min (R.Wakikawa)
- Discussion & Next Step(s) ~25 min (T.Clausen)
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Introduction & Scope

- Background:
  - Bar-BOFs @68th in Prague
  - Slightly more formal format @68th, 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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Session Continuity
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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