Site Local – um, what's a "site"

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In(di)visible Networks

- Wireless multihoming becoming commonplace
- E.g. bluetooth,gprs,802.11
- Note different roles
- Note ad hoc nature of some (role based decision whether its ad hoc use or infrastructure for 802.11…)
- Role Based access control
- Role Based address allocation/routing
- Context is all

Suggests 1 size does **not** fit

- Engage different layers in different decisions
- IP sometimes, transport others, application others, and even user (e.g. who pays for link for this session?)
- Can we architect a cross-layer system? (bad track record at this in past)
- Tip of an iceberg …
- **Containment** (or lack of)…

I Don't have any strawmen...

☐ ...but need something soon...

☐ ...wireless may not be special case – might be the most general instance of the problem – see our plutarch paper...

☐ ...extreme example – commuter router:

☐ Borrow everyone's GPRS/3G and 802.11 in a train and build a broadband link out of the sum of all the parts – solve multihoming and load balance and billing problems☺

☐ Microsoft v. symbian☹