

IRTF Research Group on Ad hoc Networking Scaling (ANS)



Facts...



- this is an **open** research group
- website: <http://www.flarion.com/ans-research>
- mailing list: ans-research@www1.ietf.org
- to subscribe:
ans-research-request@www1.ietf.org
 - in body: subscribe ans-research
- working group chairs:
 - [Scott Corson](mailto:corson@flarion.com), Flarion (corson@flarion.com)
 - [Elizabeth Belding-Royer](mailto:ebelding@cs.ucsb.edu), UC Santa Barbara (ebelding@cs.ucsb.edu)

Focus



- From the website description:

"The primary focus of the research group is the problem of Ad hoc Network Scaling (ANS). Insufficient understanding of the basic scalability problem exists within the IETF community to properly address the development of large-scale, ad hoc network routing standards. This research group will endeavor to **define necessary scalability metrics** and **"black box" criteria by which routing protocol performance/stability may be measured**. It will also seek an **understanding of the basic dynamics of large-scale routing in various dynamic network contexts** (e.g. standalone and hybrid fixed/ad hoc), and attempt to **identify key attributes and properties necessary for a feasible, scalable routing protocol**."

More Focus



- Also from the website:

"The **study of experimental IETF protocols**, and the **development and study of research protocols** will be essential activities of this group. **Interoperation with a wired infrastructure** to the extent that it enhances ad hoc network scalability will also be studied."

Meetings



- **First meeting:** Mobihoc, **June 1st** (Sunday), 7-10pm, Annapolis, Maryland
- **Second meeting:** Mobicom, **September 14-19**, San Diego, CA
- **Third meeting:** Fall IETF, **November 9-14**, Minneapolis, MN

Participation...



- ...is highly encouraged!
- contributions are welcome
- **Bar BOF tonight, 9:30pm**