

## MANET Autoconf

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## Manet autoconf

- **Autoconf in MANETs relates to many different issues, e.g.:**
  - Addressing within a MANET
  - Duplicate Address Detection
  - Gateway discovery and selection
  - Global Connectivity
  - Data forwarding (Source Routing vs. Default Route)
  - Mobile IP integration
- **Not directly addressed within the MANET WG**
  - Some threads in the ML
  - One of the controversial rechartering item
- **However, there is a growing interest in investigating solutions for autoconf related issues within IETF**
  - Many solution proposals (see next slide) which actually deal with different problems
  - Recently, a scenario and problem statement draft was submitted
  - Recent comments on the ML
  - Recurrent offline meetings during IETFs
- **Next step: appropriate venue for IETF discussion?**
  - FOCUS on the problem statement

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## Related work

- draft-ruffino-manet-autoconf-scenarios-00 (PS)
- draft-singh-manet-mmg-00
- draft-perkins-manet-autoconf-02
- draft-wakikawa-manet-globalv6-03
- draft-jelger-manet-gateway-autoconf-v6-02
- draft-cha-manet-extended-support-globalv6-00
- draft-jeong-adhoc-ip-addr-autoconf-03
- draft-jeong-manet-addr-autoconf-reqts-03 (REQ)
- draft-jeong-manet-aodv-addr-autoconf-01
- draft-rantonen-manet-ipaddress-dad-adhocnet-00
- draft-paakkonen-addressing-htr-manet-00
- Many journal and conference publications
- Several implementations

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