

Current Status of IETF MANET Working Group

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SICS

Protocols

- DSR (Johnson et. al.)
- AODV (Perkins et. al.)
- OLSR (Clausen et. al)
- TBRPF (Ogier et. al)

Progress

- good progress studying protocol behavior
 - conference literature
 - some implementations
- some progress defining specifications

Implementations

- AODV (most public implementations)
- TBRPF (IPR issues)
- DSR
- OLSR

AODV Implementations

- good progress here
- AODV-UU (Uppsala University, Sweden)
 - APE testbed, ns-2 compatibility
 - “large scale” tests

AODV interoperability

- Interobility Workshop
 - generally successful
 - Warning...you can't route much with only a few nodes!

IETF Formalities

- four protocols to “Experimental RFC” status (?!)
- timeframe — next months/year

Non-routing Issues

- zeroconf working group
- new “sub-ip” area

Way forward?

- unified protocols?
- move to IRTF?