

## Simplified Manet Multicast Routing/Forwarding (SMURF)

Concerned Citizens Against Wasteful Flooding  
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## Design Requirements

- No group-specific tree maintenance
- Can be used for generic multicast delivery
- IANA allocation for MANET\_FORWARDING multicast address(es?)
- Native IPv4 or IPv6 forwarding
- ALL nodes do duplicate suppression/correct handling for sequence number (relay-algorithm aware or not)
- Insure bidirectional links between relay nodes
- Compatible with (most?) applications and route discovery
- Compatible with various/advanced relay set algorithms
  - However, baseline algorithm needed for aware nodes
- Work with unaware nodes

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## Other requirements/?requirements?

- Section of document with agreed-upon design requirements
- Experimental publication
- ??? Extension to multicast groups needing dynamic membership ???
- ??? Extension to different relay-selection algorithms ???

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