MANET IANA Needs
draft-chakeres-manet-iana-02.txt

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IETF 67
MANET IANA Needs

- **MANET** UDP port - TBD
- Link local multicast
  - *LL MANET routers*
    - 224.0.0.TBD
    - FF02:0:0:0:0:0:0:0:TBD
- Scoped multicast addresses
  - *MANET routers*...
Scoped Multicast Addresses

• Relevant RFCs
  – RFC 3171 - IANA Guidelines for IPv4 Multicast Address Assignments
  – RFC 3307 - Allocation Guidelines for IPv6 Multicast Addresses

• IPv4 Scoped Multicast Addresses - RFC 2365
  – IPv4 Local Scope -- 239.255.0.0/16
    • minimal enclosing scope
  – IPv4 Organization Local Scope -- 239.192.0.0/14
    • more scopes

• IPv6 Scoped Multicast Address - RFC 2375
  – Site-local -- FF05:0:0:0:0:0:0:X
  – All scopes -- FF0X:0:0:0:0:0:0:X
Site-Local Scoped Multicast Addresses MANET Routers

- IPv4 MANET Routers
  - 239.255.255.TBD

- IPv6 MANET Routers
  - FF05:0:0:0:0:0:0:TBD
In the Meantime

- draft-fenner-iana-exp-2780-05.txt
- In RFC editor Queue
- IPv4
  - 224.0.1.20 - global
  - 224.0.0.0.TBD - link-local
  - TBD - site-local
- IPv6
  - FF0X::114 - all scopes