

MANET IANA Needs

draft-chakeres-manet-iana-02.txt

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MANET IANA Needs

- *MANET* UDP port - TBD
- Link local multicast
LL MANET routers
 - 224.0.0.TBD
 - FF02:0:0:0:0:0:0: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.TBD - link-local
 - TBD - site-local
- IPv6
 - FF0X::114 - all scopes