Adminstratively Scoped IP Multicast

David Meyer

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Status

- **Current Draft**
  - **draft-ietf-mboned-admin-ip-space-00.txt**
  - **Based on Jacobson/Deering presentation at the 30th IETF**
- **Defines the Admin Scoped Space**
  - **239.0.0.0 - 239.255.255.255**
  - **Instructs IANA to allocate this space**
- **Many Implementations**
  - **e.g., mrouted, sdr/sap**

Other Issues

- **Additional Internal Structure?**
  - **What kind of internal structure should the scoped space have?**
- **Reserved Scoped Addresses?**
  - **SAP: convention is to use highest multicast address within the scoped range, e.g. if the scope range is 239.16.32.0 - 239.16.33.255, then 239.16.33.255 is used.**
  - **Other reserved addresses?**

Other Issues: Sparse Mode

- **What can be gained by building administrative scoping into an explict join protocol?**
  - **Traffic flow**
    - **Explicit Join model handles this?**
    - **Except that boundary "enforces" scope**
  - **Privacy**
    - **Encrypted Sessions**
    - **Except participant list**

Other Issues

- **Other?**