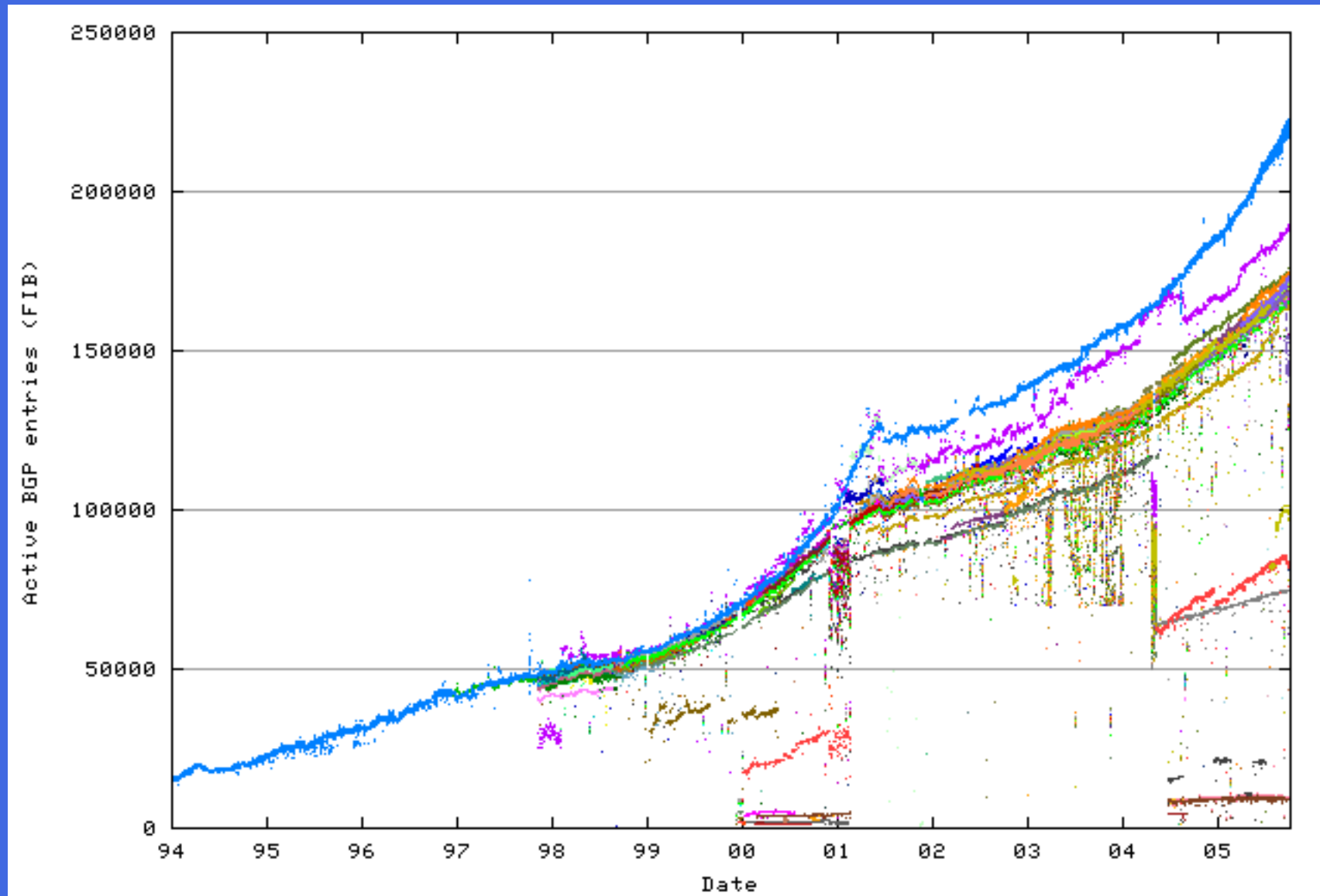# IAB IPv6 Multi-homing BOF

Agenda

■ **Goals and Objectives**
- Meyer/All (5 minutes)

■ **What is the IAB anyway?**
- Meyer (10 minutes)

■ **Organized Input**
- SHIM6 Context
  ‣ Huston (10 minutes)
- Service Provider Perspectives
  ‣ Jason Schiller (MCI) (7 minutes)
  ‣ Ted Seely (Sprint) (7 minutes)
  ‣ Vijay Gill (AOL) (7 minutes)

■ **Community Input and Discussion**
- All (45 minutes)

■ **Wrap Up and Next Steps**
- Meyer/All (10 minutes)

Goals and Objectives

- The Objective of this BOF is two-fold

  - To provide context for the ongoing discussion of the evolution of technical aspects multi-homing in the Internet
    - ‣ And of course, its consequences

  - Provide additional opportunity for the operational community to provide feedback to the IETF on the direction the IETF is taking with respect to multi-homing in IPv6

- Finally, note that while this session is a bit of an experiment, the Best Way to get your input into the IETF is to participate in the IETF WGs
  - In this case, the shim6 WG

Desired Outcomes

- The beginning of an ongoing dialog

  - For the operator community
    - Awareness about the shim6 effort
    - And how you can get involved with efforts in the IETF

  - For the IETF community
    - Awareness about operator concerns

- In general, we are seeking input on possible operational issues with the emerging shim6 spec
  - And realizing that...
    - shim6 is not the complete answer
    - nor is a "pure" PI or PA allocation policy
  - And that there are operational aspects of shim6 multi-homing are TDB
    - e.g., traffic engineering

Rules of Engagement

- First and foremost, we're here to listen to your comments and concerns

- Second, let's make sure we keep the information flow going in a bi-directional fashion

- During our discussions, please remember that
  - IPv6 is being deployed
    - so the multi-homing problem for IPv6 must be solved
  - shim6 is about IPv6
    - as opposed to IPv4 or other (future) version of IP
  - shim6 may not solve all needs for multi-homing in IPv6
    - rather, shim6 is designed to address the site multi-homing problem

With that brief introduction...

- To join the shim6 mailing list:
  - To Subscribe: shim6-request@psg.com
  - Archive: http://ops.ietf.org/lists/shim6/
  - General Discussion: shim6@psg.com

- On to Geoff to set the shim6 context

Wrap Up and Next Steps

- Was discussion useful?
  - And how could this kind of thing be made more useful?

- Was this a good forum?
  - Noting that we're hoping to do this at the other NOGs

- Summary/minutes will be posted on:

- http://utgard.ietf.org/iab/documents/open-mtgs