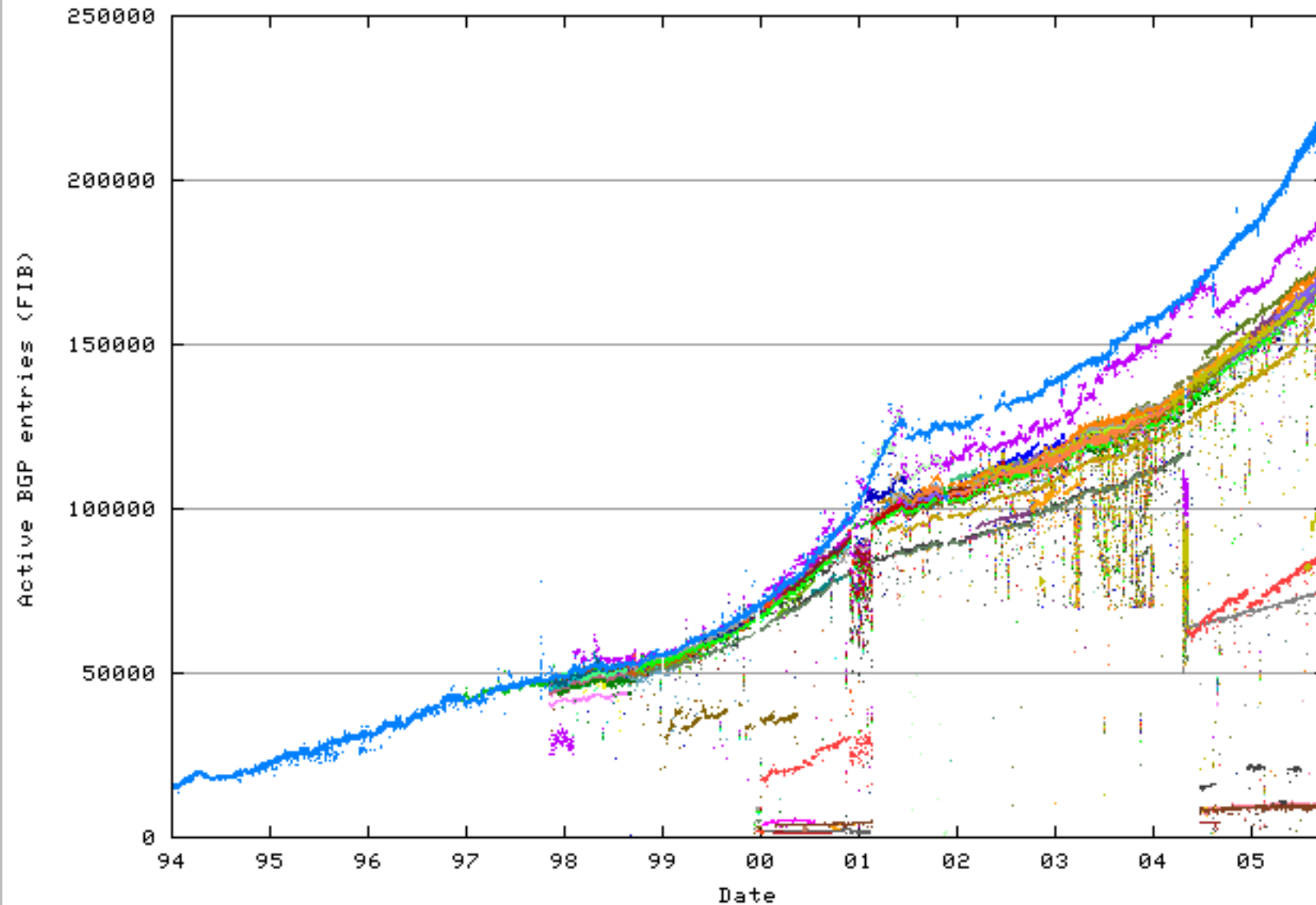# IAB IPv6 Multi-homing Panel

Agenda

- **Introductions**
  - Meyer/all (5 minutes)

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

- **So what is the heck is the IAB anyway?**
  - Meyer (15 minutes)

- **Retrospective on 8+8**
  - Zhang (20 minutes)

- **SHIM6 Overview**
  - Lindqvist (45 minutes)

Agenda, cont

- **Review of Issues from NANOG 35 BOF**
    - Inbound Traffic Engineering
    - End system complexity
    - DNS Latency
    - Routing and Addressing Architectures
  - Meyer/all (30 minutes)

- **Community Discussion**
  - All (30 minutes)

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

Introductions

- IAB and IESG Members present

Goals and Objectives

- The Objective of this Panel 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

- **Part 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...some 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 a brief overview of the IAB**

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

- Materials will be posted on the IAB web site
  - http://www.iab.org/documents/open-mtgs

Questions?

Thanks!