

# BFD

# IETF-104, Prague

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# Note Well

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)



# Agenda

- Working Group Status  
Chairs – 20 min
- BFD Unsolicited  
Reshad -- 5 min
- BFD for Large Packets  
Albert Fu – 10 min
- Extended BFD  
Greg Mirsky -- 15 min
- OSPF BFD Strict-Mode  
Ketan Talaulikar– 15 min
- BGP BFD Strict-Mode  
Mercia Zheng– 15 min
- BFD for Geneve  
Xiao Min– 5 min

# Documents with IESG

- BFD Multipoint and Multipoint Active Tail have reached RFC Editor (AUTH48)
- BFD Yang Model in MISSREF, waiting for draft-ietf-mpls-base-yang and draft-ietf-tes-yang-te
- BFD for VxLAN in “AD Evaluation” state

# Authentication related drafts

- draft-ietf-bfd-secure-sequence-numbers
  - draft-ietf-bfd-optimizing-authentication
  - draft-ietf-bfd-stability
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- Received minimal comments on these.
  - How to move forward? In discussions with Mahesh.

# New WG documents (since IETF103)

- draft-ietf-bfd-large-packets
- draft-ietf-bfd-unsolicited

# 5884-bis

- We need to do the -bis
- Jeff contacted original author set, they're willing to help with the re-spin.

# draft-mirsky-bfd-mpls-demand

- Discussions on the mailing list whether the procedure in the draft is already covered by section 6.2 of RFC5880:
  - If Demand mode is active on either or both systems, a Poll Sequence MUST be initiated whenever the contents of the next BFD Control packet to be sent would be different than the contents of the previous packet, with the exception of the Poll (P) and Final (F) bits. This ensures that **parameter changes** are transmitted to the remote system and that the remote system acknowledges these changes.
- We may wish to consider an errata noting that parameter changes include any contents of packet



# Documents to Watch Elsewhere

- draft-ietf-idr-rs-bfd-07
- draft-hu-bier-bfd-03
- draft-ietf-pim-bfd-p2mp-use-case-00
- draft-ietf-rtgwg-vrrp-bfd-p2p-00 (expired)
- draft-mirsky-mpls-p2mp-bfd -06
- draft-mirsky-spring-bfd-07
- draft-ali-spring-bfd-sr-policy-02
- draft-gmsm-bess-evpn-bfd-02
- draft-ietf-bess-mvpn-fast-failover-05
- draft-li-idr-bgp-ls-sbfd-extensions-03