

BIER OAM

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What we have

- BIER OAM Requirements
- BIER Ping
- BIER Path MTU Discovery
- BIER BFD
- BIER Performance Measurement Using a Hybrid Measurement Method

BIER OAM Requirements

- Number of the authors under control
- Addressed OPSDIR and SECDIR comments
- It appears that we need a new Shepherd to do the Write-Up

BIER Ping

- Number of the authors under control
- Addressed Shepherd's comments
- Addressed comments in OPSDIR, RTGDIR, INTDIR, and SECDIR reviews
- IPR Call issued, and all authors responded
- Ready for the next step

BIER Path MTU Discovery

- Based on BIER Ping
 - Adds a new Data TLV as an optional BIER Ping extension
- A good discussion with Hooman (many thanks!)
- A new version, addressing comments, uploaded

Ready for the WG LC

BIER BFD

- BIER BFD (RFC 8562) – BFERs can monitor the BFIR
- BIER BFD with Active Tails (RFC 8563) – BFERs monitor the distribution tree; BFIR can discover or is notified of a network failure

Ready for the WG LC

Hybrid Performance Measurement in BIER

- Use the Alternate Marking method (RFC 9341 and RFC 9342 are now on the Standard Track) to perform packet loss and delay measurements
- The updated version addresses AD's comments
- A new draft ([draft-mirsky-ippm-asymmetrical-pkts](#)) on the applicability of STAMP in performance measurement in a multicast environment
- We have a positive Shepherd's Write-Up
- Ready for the next step