

Benchmarking Methodology for Segment Routing

draft-ietf-bmwg-sr-bench-meth-03

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Draft Scope

- Scope: To define a standard method to benchmark the SR packet forwarding capabilities of network devices.
 - The draft extends RFC1242, RFC2544, RFC5180, RFC5695, and RFC 8402 to SR networks.
 - It covers both SR-MPLS and SRv6 (including Compressed SIDs).
- Thanks to all who provided support and feedback.

Draft History

- Adopted by BMWG after IETF 119.
 - Standalone document incorporating the previous drafts specific to SR-MPLS and SRv6.
- Version -00 uploaded in June 2024.
- Version -01 (July 2024) dealt with comments on fragmentation, throughput test on a destination node, and other editorial changes.
- Version -02 (October 2024) updated test descriptions with the compressed SID (SRv6).
- Version -03 (March 2025) fixed references and added minor edits.

Status and Next Steps

- Since IETF 121 the text is stable.
- On-going: cross-post to Spring and SRv6Ops.
 - Waiting for comments from the SR experts there.
- Benchmarking tests using the draft are on-going.
 - Let us know if a public test activity can be referenced.
- Move to WGLC after feedback from cross-post.

Thank you