

Benchmarking Methodology for Segment Routing

draft-ietf-bmwg-sr-bench-meth-02

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Draft Scope and Status

- Scope: To define a standard method to benchmark the SR packet forwarding capabilities of network devices.
 - The draft extends RFC1242, RFC2544, RFC5180 and RFC5695 to SR network.
- Status: Adopted by BMWG after IETF 119.
 - Standalone document incorporating the previous drafts specific to SR-MPLS and SRv6.
- Thanks to all who provided support and feedback.

Draft History

- Version -00 uploaded in June.
- Version -01 uploaded in July for IETF 120 to deal with some comments on fragmentation, the throughput test on a destination node, and other editorial change.
- Version -02 (this one) updates all the test descriptions with the compressed SID (SRv6).

Remaining steps

- On-going: cross-post to Spring and SRv6Ops.
 - Waiting for comments from the SR experts there.
- Security considerations.
 - Nothing unusual here, but there may be potential implications coming from draft-bdmgct-spring-srv6-security-01.
- 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