

# Benchmarking Methodology WG (BMWG) IETF 122 Bangkok

- Monday, March 17, 2025
- 09:30 – 11:30 local time (Bangkok, ICT)
- Chairs:
  - Sarah Banks (sbanks(at)encrypted.net)
  - Giuseppe Fioccola (giuseppe.fioccola(at)huawei.com)

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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)

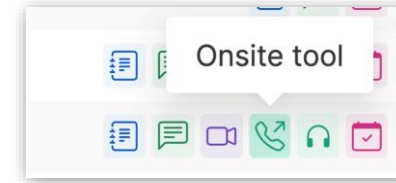
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# IETF 122 Meeting Tips

## In-person participants

- Make sure to sign into the session via Datatracker or the QR Code in this session.
- Use Meetecho (usually the “Meetecho lite”) client to:
  - join the mic queue
  - participate in shows of hands
- *Keep audio and video off if not using the onsite version.*



## Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session.
- Use of a headset is strongly recommended.

**Note taker(s):** please help to take notes. Everyone is welcome to help! Any Volunteers?

- You can find the note taking tool on the Meetecho client or on the Datatracker.

This session is being recorded

# BMWG Agenda (any bashing needed?)

## Administrative and WG Status

- 1 Chairs' slides, 10 min

## WG Drafts

- 2.1 Multiple Loss Ratio Search, Maciek Konstantynowicz and Vratko Polak, 10 min  
[draft-ietf-bmwg-mlrsearch](#)
- 2.2 A YANG Data Model for Network Tester Management, Vladimir Vassilev, 10 min  
[draft-ietf-bmwg-network-tester-cfg](#)
- 2.3 Considerations for Benchmarking Network Performance in Containerized Infrastructures, Minh-Ngoc Tran, 10 min  
[draft-ietf-bmwg-containerized-infra](#)
- 2.4 Benchmarking methodology for Segment Routing, Paolo Volpato, 10 min  
[draft-ietf-bmwg-sr-bench-meth](#)

## Proposals

- 3.1 Benchmarking Methodology for Source Address Validation, Libin Liu, 10 min  
[draft-chen-bmwg-savnet-sav-benchmarking](#)
- 3.2 Characterization and Benchmarking Methodology for Power in Networking Devices, Qin Wu, 10 min  
[draft-cprjgf-bmwg-powerbench](#)
- 3.3 SRv6 Service Benchmarking Guideline, Xuesong Geng, 10 min  
[draft-geng-bmwg-srv6-service-guideline](#)
- 3.4 Calibration of Measured Time Values between Network Elements, Luis M. Contreras, 10 min  
[draft-contreras-bmwg-calibration](#)

## Presentations

AOB

# BMWG Status

- I-Ds to be submitted to IESG for publication
  - Multiple Loss Ratio Search ([draft-ietf-bmwg-mlrsearch](#))
- I-Ds preparing for the WGLC
  - YANG Data Model for Network Tester Management ([draft-ietf-bmwg-network-tester-cfg](#))
  - Benchmarking methodology for Segment Routing ([draft-ietf-bmwg-sr-bench-meth](#))
  - Considerations for Benchmarking Network Performance in Containerized Infrastructures ([draft-ietf-bmwg-containerized-infra](#))
- Documents with recent discussion and possible candidate for adoption
  - Characterization and Benchmarking Methodology for Power in Networking Devices ([draft-cprjgf-bmwg-powerbench](#))
  - Benchmarking Methodology for Source Address Validation ([draft-chen-bmwg-savnet-sav-benchmarking](#))
- Proposals keep coming
  - SRv6 Service Benchmarking Guideline ([draft-geng-bmwg-srv6-service-guideline](#))
  - Recommendations for using Multiple IP addresses in Benchmarking Tests ([draft-lencse-bmwg-multiple-ip-addresses](#))
  - Calibration of Measured Time Values between Network Elements ([draft-contreras-bmwg-calibration](#))
- Test results are always welcome

*Reviewers always needed!*

*It's a two-way street – Your work is adopted, completed, and published as an RFC when the participants of the Working Group read other drafts, review, and share their feedback on the list and at meetings.*

# BMWG Activity

- Last RFC published:
  - RFC 9693 in 2025

- Charter Update
  - Stable

- Supplementary BMWG Page
  - <http://bmwg.encrypted.net/>

- Milestones to update

DONE            Benchmarking for Stateful NATxy Gateways using RFC 4814 Pseudorandom Port Numbers to IESG Review

Jan 2025        Draft on Multiple Loss Ratio Search to IESG Review

Mar 2025        Draft on Selecting and Applying Model(s) for Benchmarking to IESG Review