BGP Data-Plane Benchmarking
Applicable to Modern Routers

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Current Status

- Two complementing BGP Methodology drafts in progress
- Draft-1 focusing on the BGP Data Plane convergence was posted prior IETF-80
  - draft-papneja-bgp-basic-dp-convergence-03
    - Author team: Rajiv Papneja, Bhavani Parise, Sue Hares, Ilya Varlashkin
  - Obtained feedback from multiple Service Providers. Various Tests from the draft were demonstrated and termed as ‘Valuable’ and ‘Important’ by the Providers (Verizon, etc)
  - Positive feedback and support on scope and test coverage from architect at FT-Orange
    - Good response to adoption request
- Contributions and Support from IDR Chair to the draft. Presented and solicited feedback from IDR at IETF-83
- Performed Benchmarking tests based on the methodology from the draft and Presented the Results to BMWG
- Agree on WG-item adoption
Current Status & Action Items

- For Draft-2:
  - Lack of Capabilities in Protocol Simulators hindering certain test scenarios. Alternative Setup being explored

- Inputs welcome!