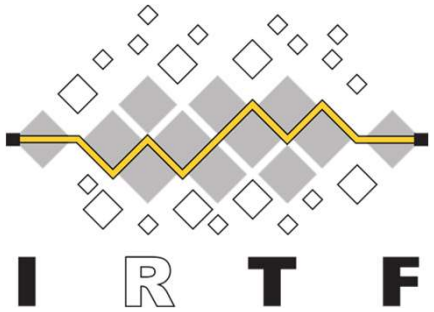

IETF Network

~~Transport~~ Slice Intent

<draft-contreras-nmrg-transport-slice-intent-04>

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5G EVE

Updates from -03 version

- Alignment with terminology being used by TEAS NS DT
  - IETF Network Slice is the agreed term for slices using IETF-based technologies
- Update of base references accordingly

- This work complements TEAS work by offering an intent-based approach for slice request through transport slice controller NBI interface

Summary of the draft

- Target: to leverage on IBN technologies to request IETF Network Slices
- Use case:
  - Upper systems processing end-to-end network slices will elicit requirements for setting up IETF Network Slices
    - E.g., 3GPP Management System processing SLOs from slice templates to connect radio access and core slice parts for 5G services
  - IETF Network Slices will be requested as intents to IETF Network Slice Controller
- Benefits:
  - Portability of the solution across implementations and networks
  - Simple way of expressing transport slice needs by e.g. vertical customers
  - Focus on what, not on how

Next steps

- Developing IB capabilities for IETF Network Slices
- Align with ongoing propositions for intent-based use cases as discussed in NMRG
  - Template for use cases, matching with IB architecture, …

- Request comments and inputs for new versions
- Ask for adoption of this draft as NMRG intent use case (WI#5)