Network Measurement Intent

draft-yang-nmrg-network-measurement-intent-03

https://datatracker.ietf.org/doc/draft-yang-nmrg-network-measurement-intent/
Recap

◆ NMI (Network Measurement Intent)
  ➢ the on-demand measurement of the network state based on the user/network operators’ perceived intent of the network state.

The major components

• NMI Recognition and Acquisition

• NMI Translation

• NMI Policy

• NMI Orchestration and pre-Verification

• Data Collection and Analytics

• NMI Compliance Assessment
Major Updates

Version-02

Version-03
Major Updates

• NMI Translation
  Translated into actions and requests taken against the network  →  Translated into corresponding measurement policy

• NMI Policy (add)
  NMI policy needs to be translated into actions and requests taken against the specified network element.

• NMI Compliance Assessment
  Verifies whether the results meets the requirement and whether the NMI is satisfied. If either of the two conditions is not satisfied, the NMI should be modified and re-enter the NMI Orchestration and pre-Verification.
  →  Verifies whether the results meets the requirement and whether the NMI is satisfied. If either of the two conditions is not satisfied, the NMI should be modified and re-enter the NMI Policy
Next Steps

• The draft is stable now, and we will request for RG adoption.

• Since Network Measurement Intent is a kind of use cases of IBN, we would like to start writing the draft of "Intent Based Network use cases"

• Looking forward to the comments, suggestions and questions.

Thanks!