

Network Measurement Intent

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

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

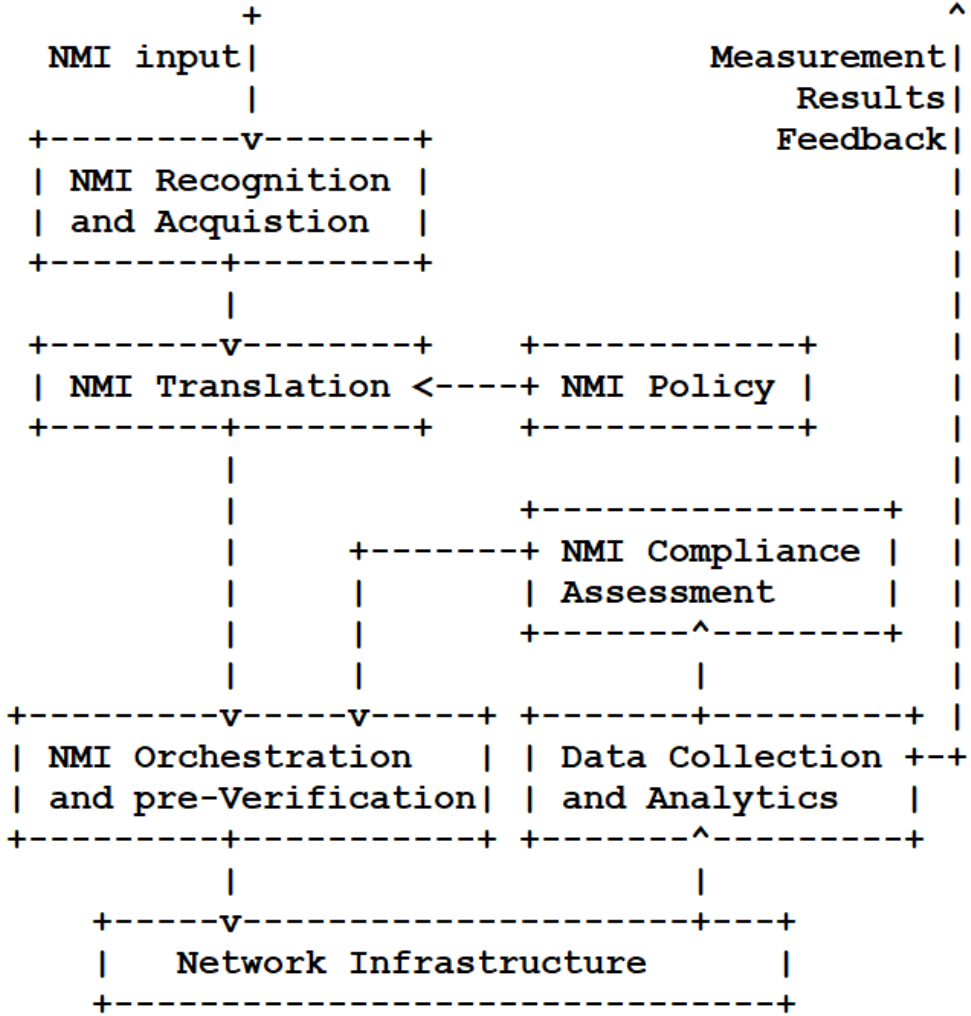
Recap

◆ NMI (Network Measurement Intent)

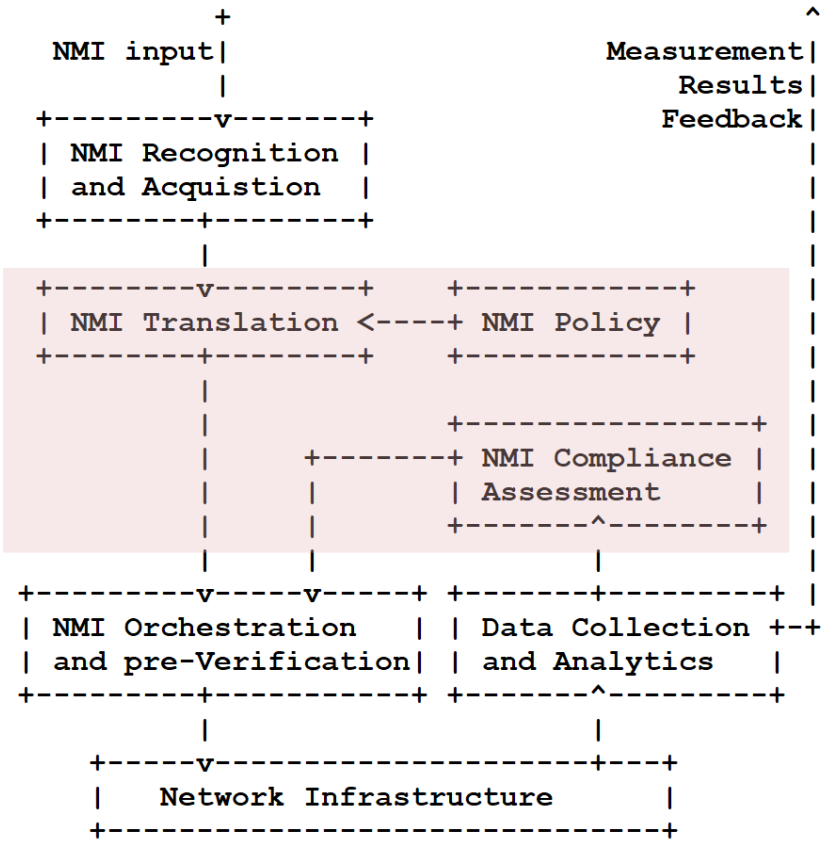
➤ the on-demand measurement of the network state based on the user/network operators' perceived intent of the network state .

The major components

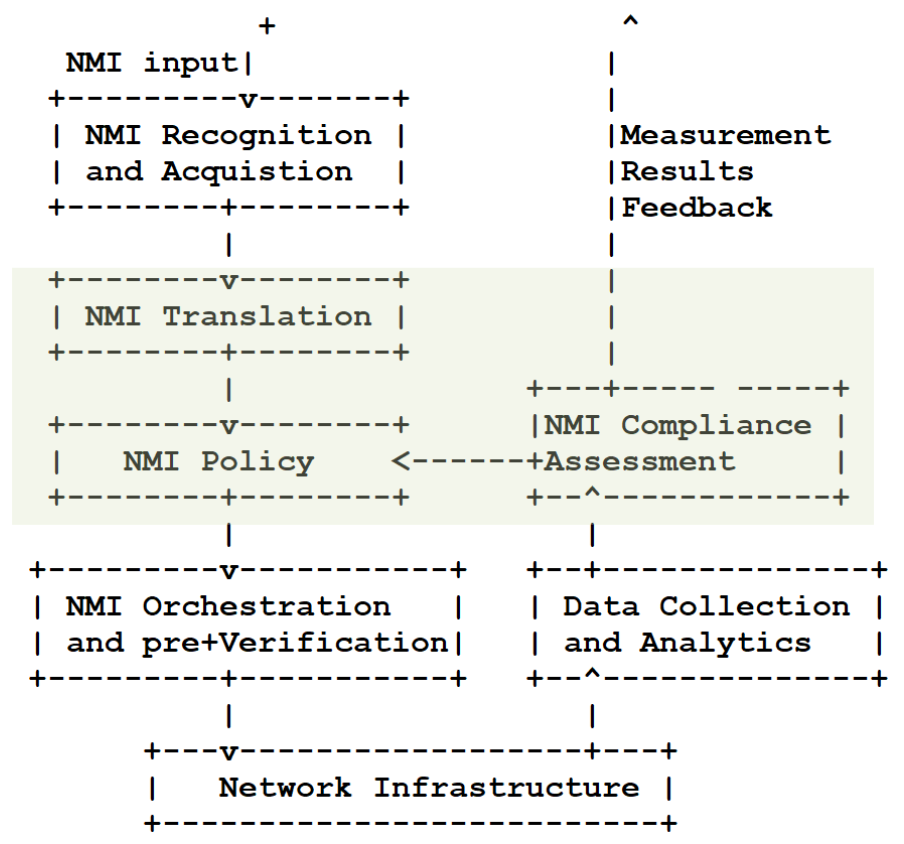
- NMI Recognition and Acquisition
- NMI Translation
- NMI Policy
- NMI Orchestration and pre-Verification
- Data Collection and Analytics
- NMI Compliance Assessment



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!