A Realization of IETF Network Slices for 5G Networks Using Current IP/MPLS Technologies

draft-srld-teas-5g-slicing-02

Krzysztof Szarkowicz, Richard Roberts, Julian Lucek, John Drake (Juniper)
Mohamed Boucadair (Orange)
Luis M. Contreras (Telefonica)
Ivan Bykov (Ribbon Communications)
Reza Rokui (Ciena)
Luay Jalil (Verizon)
Beny Dwi Setyawan (XL Axiata)

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Overall Goal: a reminder

• Assess to what extent IETF Network Slices can be implemented using current IP/MPLS technologies
• With slicing for 5G as the use-case.
Diffs between -02 and -00

- Reza Rokui, Luay Jalil and Beny Dwi Setyawan have joined as co-authors.
- Added to Section 2: We describe how the Network Function to Network Function datapath is segmented, corresponding to different orchestration domains (NSC vs SMO).
- Moved the overview of 5G networking from Section 2 to Appendix B
- Section 3 includes an additional hand-off method: Interprovider Option B. We may add some more methods in a future version.
- Added a new Section, Section 5, about mapping to underlays
  - 5QI-unaware Mode
  - 5QI-aware Mode
Next Steps

- Request adoption as a WG draft
  - Strong support in the WG for the draft: seems to be the right direction