Instantiation of IETF Network Slices in Service Providers Networks

draft-barguil-teas-network-slices-instantation-10

S. Barguil (*Nokia*), L.M. Contreras (*Telefonica*), V. Lopez (*Nokia*), R. Rokui (*Ciena*), O. Gonzalez de Dios (*Telefonica*), D. King (*Old Dog Consulting*), M. Boucadair (*Orange*)

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Context

[I-D. barguil-teas-network-slices-instantation]

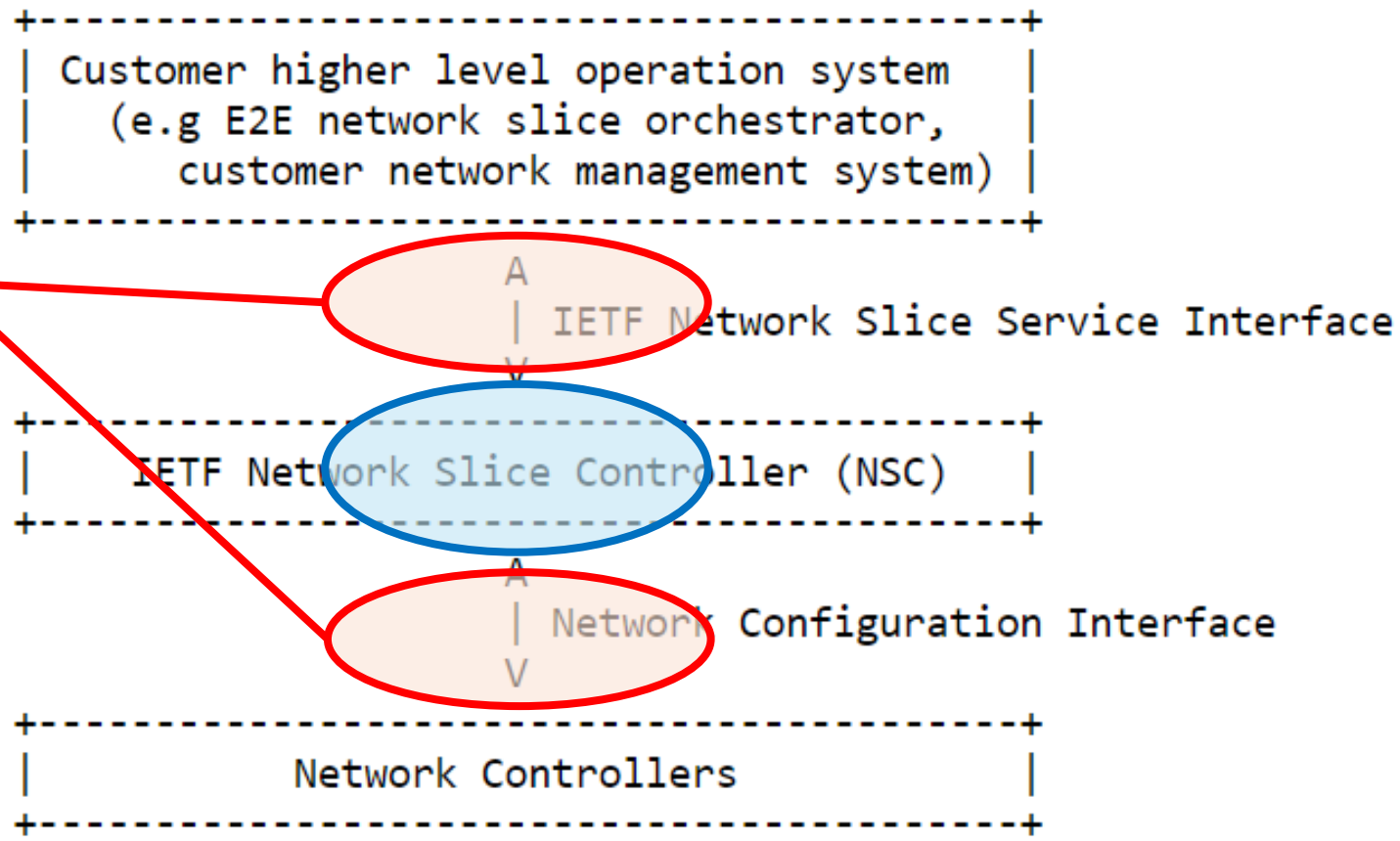
Scope:

- How NBI Slice YANG model relates to LxSM and LxNM models
- Presented later today

[I-D. ietf-teas-ns-controller-models]

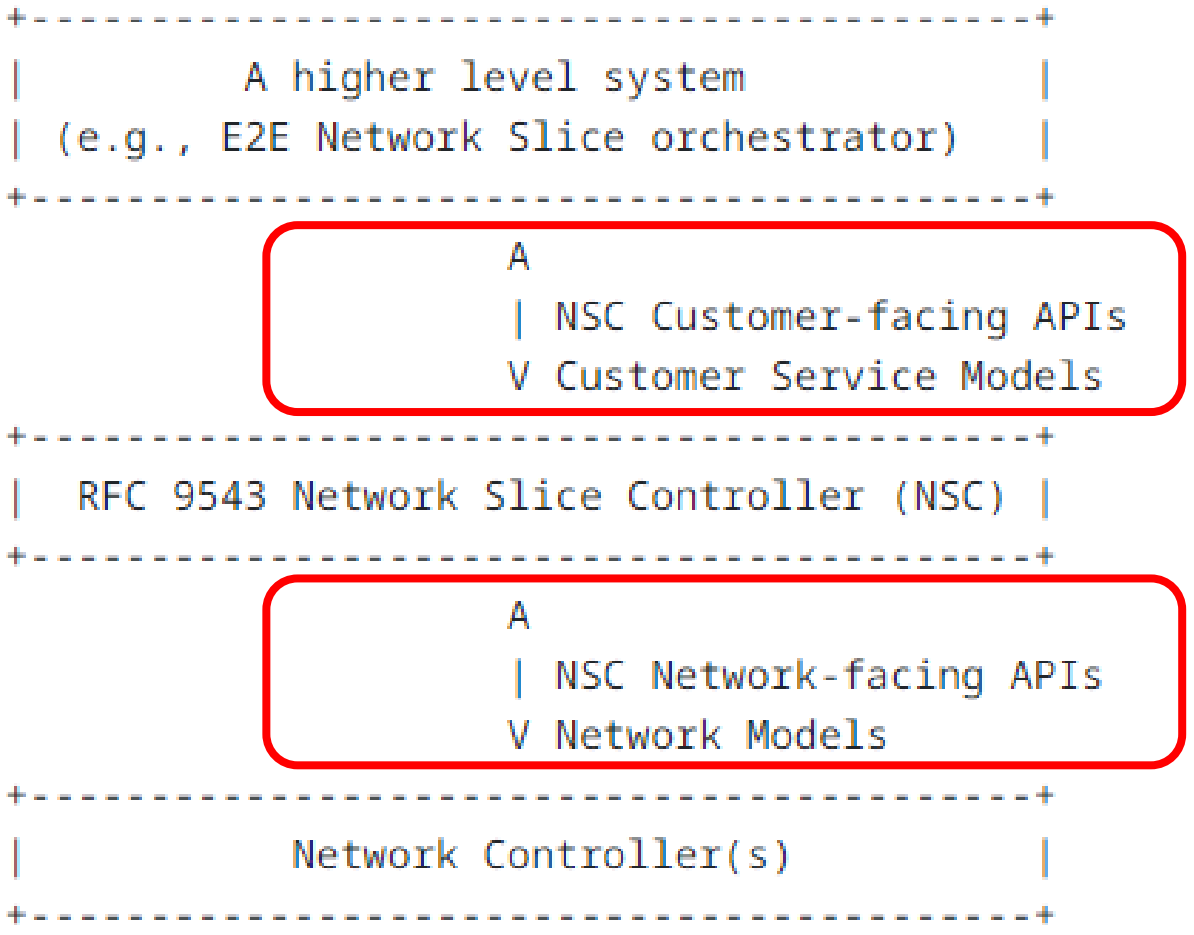
Scope:

- How the different slicing models relate each other



Context & Scope

How RFC 9543 Network Slice Controller (NSC), Service Attachment Points (saps), and Attachment Circuit Models (ACs) relate to Network and Service Models (LxSM and LxNM) for slice mapping and realization?

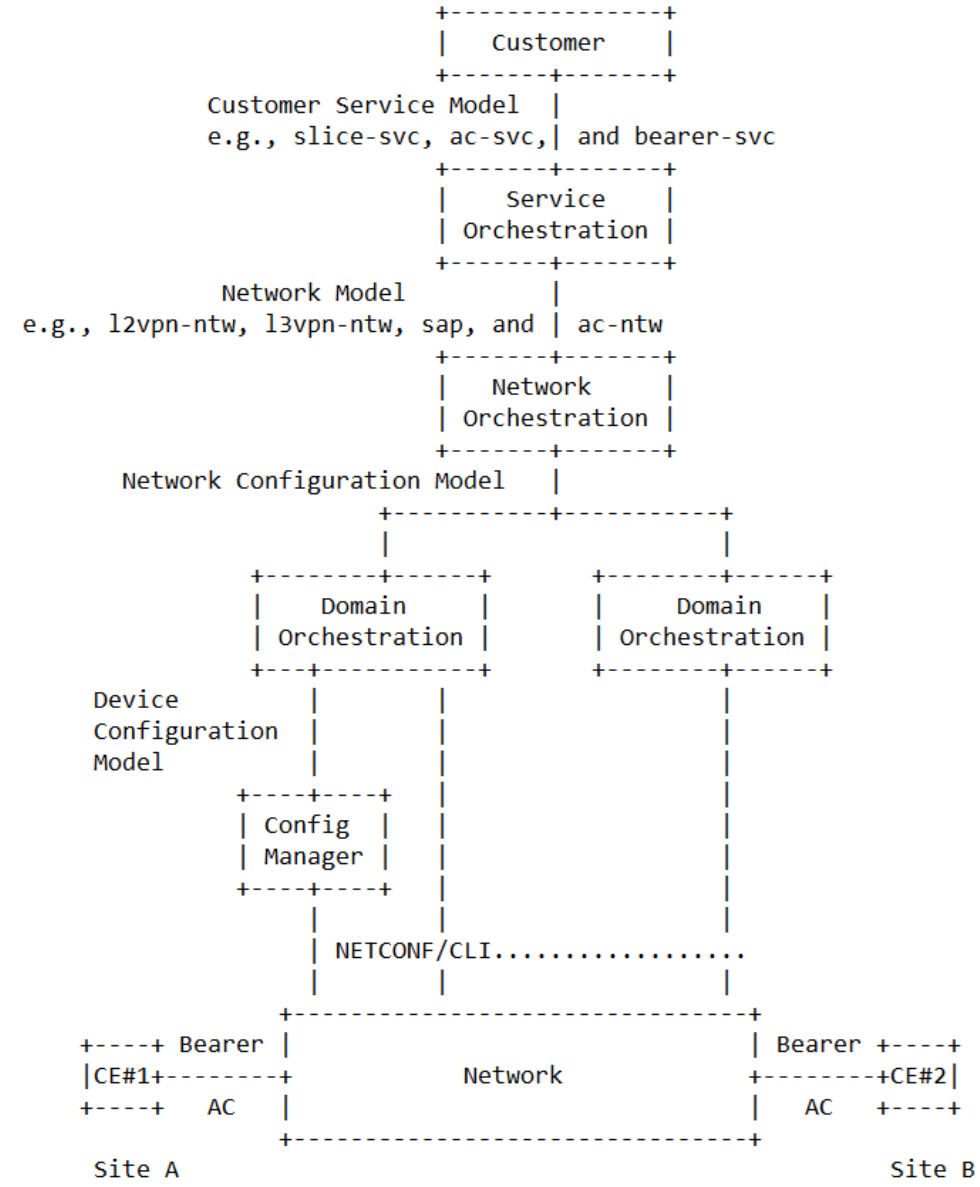


Changes Since -07

Presented the I-D at IETF 110 (-00), 111 (-02), 113 (-03), 115 (-05), 116 (-06), and 117 (-07)

- Text clean-up and section restructuring
- Added text and references to Service Attachment Point (SAP) and Attachment Circuit (AC) models
- Added references to the RFC 9543 Network Slice Service YANG Model in all applicable sections
- Update of the mapping of attributes between RFC9543 Network Slice Service YANG Model and LxSM & LxNM
- Added an improved figure for the "Overview of Data Models used for Network Slicing" (fig. 5) - see next slide

Overview of Data Models used for Network Slicing



Next Steps

- Pending improvements
  - Evaluation of a new architectural option where a service model is further mapped/realized to a IETF NS service (e.g., to an OTN slice)
- The I-D provides useful guidance for the IETF Network Slice service instantiation
- Authors consider the draft is ready for WG adoption
  - Issue Call for adoption?
- Comments & Suggestions are welcome