A Network YANG Model for Service Attachment Point (SAP)

draft-ietf-opsawg-sap
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module: ietf-sap-ntw

augment /nw:networks/nw:network/nw:network-types:
  +++rw sap-network!
  +++rw sap-type* identityref

augment /nw:networks/nw:network/nw:node:
  +++rw service-attachment-point* [attachment-id]
    +++rw attachment-id       nt:tp-id
    +++rw type?               identityref
    +++rw admin-status?       boolean
    +++rw oper-status?        boolean
    +++rw encapsulation-type? identityref
    +++rw sap-type*           identityref
    +++rw service-description? string
Issues with that Design

1) Multiples services can be supported. However, we can’t display SAPs per service
2) There is no explicit link to bind SAPs to the underlying topology
3) It is not trivial how to map a SAP to a service
4) There is no information whether a SAP is a UNI or NNI
5) Difficulty to map a SAP to service request
6) A SAP may be active but ..
   – The service over that SAP may not
   – Not all services bound to that SAP have the same status
7) Lack of examples
SAPs in IETF#113

The draft includes many examples to illustrate the use of the model, including discussion related to how to map SAPs to service models.
Next Steps

• No issue is reported by the Yang doctors review
  – Only some nits (already fixed)

• Ready for WGLC