Virtual CPE/CSR Simulator for SDWAN Scalability Testing reduces complexity
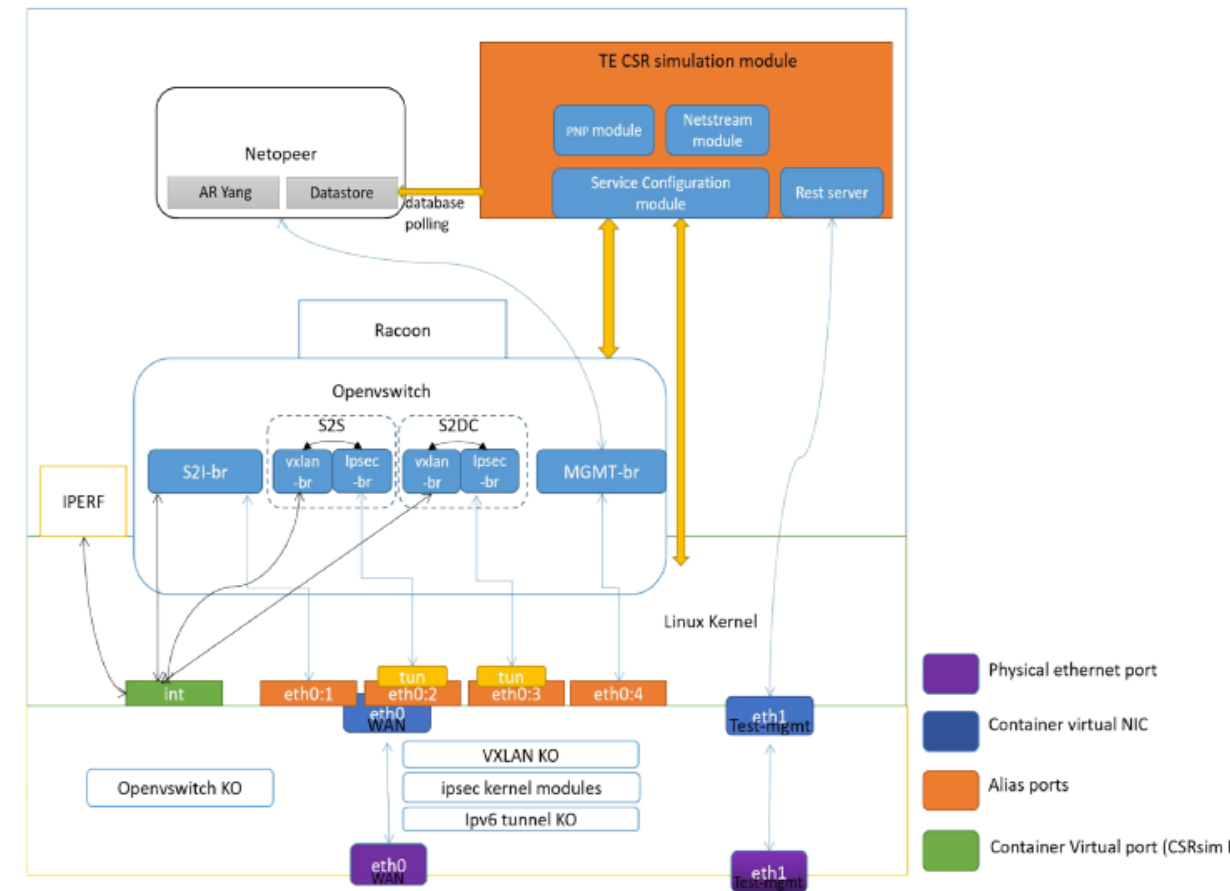
Customer

- A Leading European Operator

Customer problem :

B2B services – S2S VPN, S2I, BA had to be delivered from Data Centers. For implementing this, operator had to invest in massive test beds with tens of thousands of CPEs needing large investments and lead time.

Value delivered

- Reduced Infrastructure complexity
- Simplified lab environment and administration
- Enabler for customer's SD-WAN network to interoperate with 3rd party CSRs
- CSRs simulated up to 5000 using virtualized containers in high end servers
- Leveraged for assessing the scalability impact on the functionality of the SD-WAN Network components
- Yang models and Netconf RPCs development in alignment with ONOS based controller for SD-WAN

Performance

5000 CSRs simulation using containers in high end servers

Business Impact

Reduced CapEx by 50%

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