

Abstract

Network Operators need the ability to modernize their Enterprise Broadband services, with the help of Software Enabled Broadband Access technologies. Services like Enterprise ILL (Internet Lease Line) or MPLS VPN can reuse the same SEBA implementation underlying, and can leverage the benefits of software based automation, flexibility of dis-aggregated architecture, and agility towards meeting end-customer demand. Some of the differentiated workflows require Bandwidth-On-Demand or Service-On-Demand kind of near real-time activation and fulfillment. And a natural progression of these use cases turn towards setting up the Enterprise Edge Infrastructure, and Edge Services rollout environment. While these being the prime objective of this effort, the integration landscape need to cover a diverse set of CPE infrastructure on the ground – for both SD-WAN implemented as well as legacy environment. And SEBA integrated Enterprise Broadband services thus require supporting wide range of control, scale, and capacity management scenarios depending on the ability of underlying integrated infrastructure. STL team has been working on setting up such SEBA supported Enterprise Broadband infrastructure, and currently in the process of running trial cycles. We would like to present the effort – how we have leveraged SEBA, and how have we defined the approach of staging the transformation of enterprise broadband services for the Operator customer.