

Alcatel-Lucent announces the first integration of PBB and VPLS technologies, a substantial increase in the scale and reach of Carrier Ethernet services. The solution is endorsed by a first customer: KPN

Alcatel-Lucent announces the integration of PBB and VPLS technologies with the aim to increase the scale and reach of carrier Ethernet VPN services. The solution combines the scalability benefits of PBB and the resiliency, traffic engineering and convergence benefits of VPLS and MPLS, to enable carriers to leverage their existing metro Ethernet infrastructure while expanding their service reach to national and international markets.

Combined with the recent announcement of terabit switching performance upgrades for the 7450 Ethernet Service Switch (ESS) and 7750 Service Router (SR), these new innovations offer service providers investment protection and ensure lower capital and operating costs. The solution is available as a **software addition** to the 7750 SR, 7710 SR and 7450 ESS products in the vendor's IP/MPLS service router portfolio.

Other capabilities announced include broad support for IEEE Carrier Ethernet OA&M standards, which provide service assurance and reduce trouble-shooting time. In addition, Alcatel-Lucent 5620 SAM and 5650 CPAM enhancements provide network and service provisioning and assurance features for deploying and managing Layer 2 and Layer 3 (L2/L3) VPN services in a uniform manner. While many vendors support PBB on Ethernet Switches, and others support MPLS on routers, Alcatel-Lucent is first to integrate the two protocols on a single platform. This industry-first PBB/VPLS implementation enables service scale while retaining the traffic engineering and resiliency benefits of MPLS and providing inter-operability with currently deployed native Ethernet and VPLS implementations.

(If you are interested in this topic, you can read the whole analysis on the report "Alcatel-Lucent Enhances business VPN solutions")

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