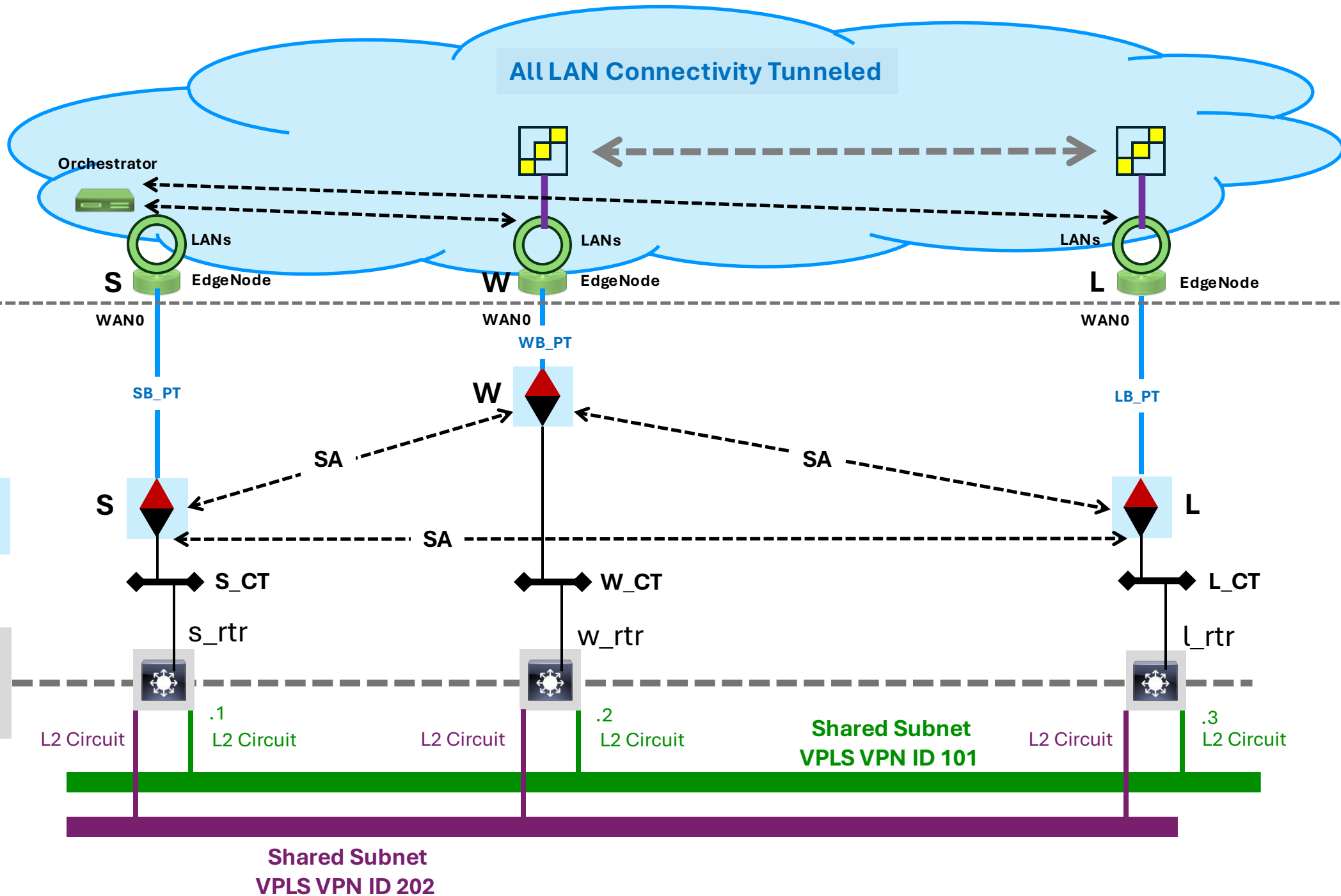
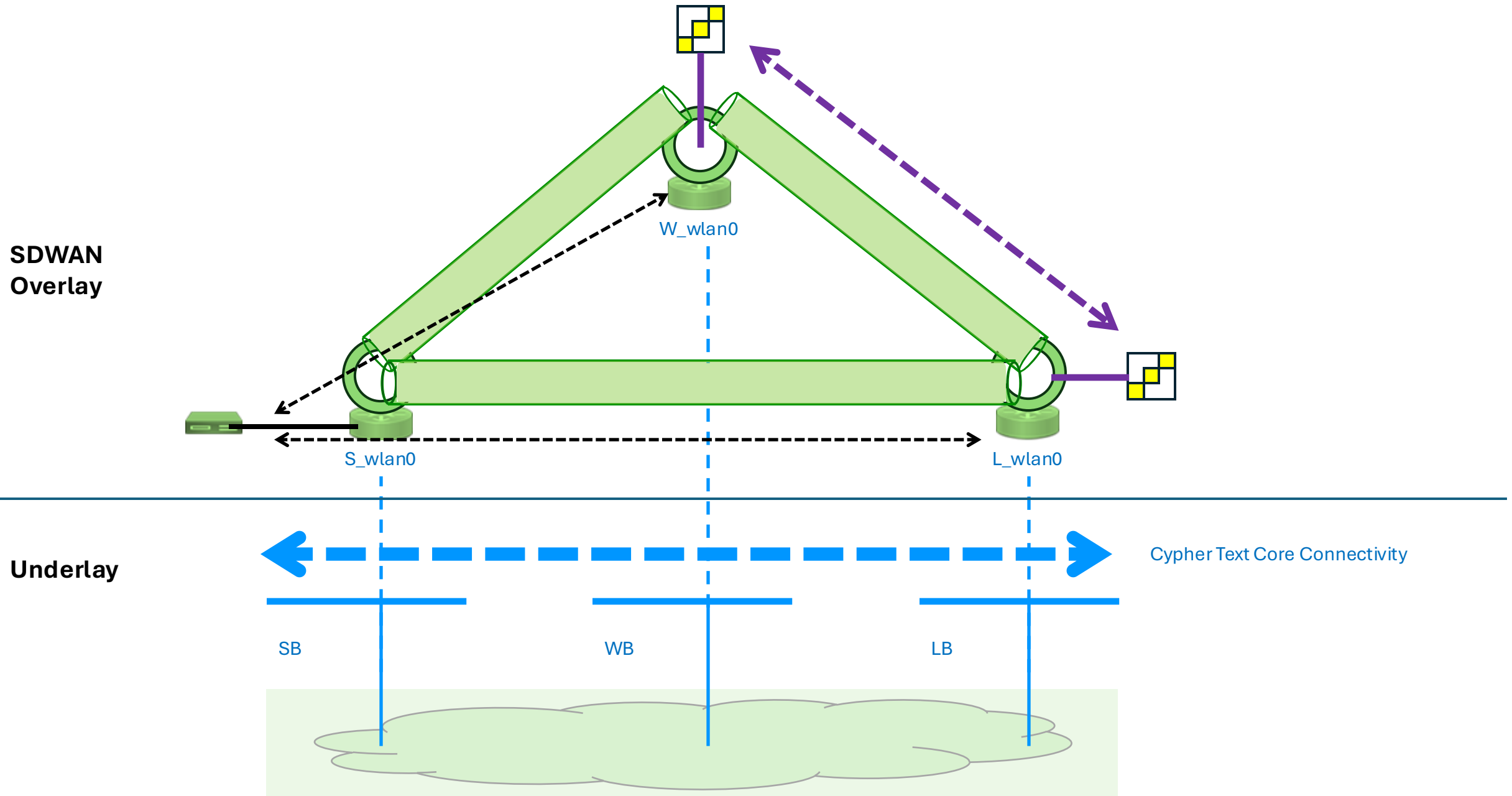
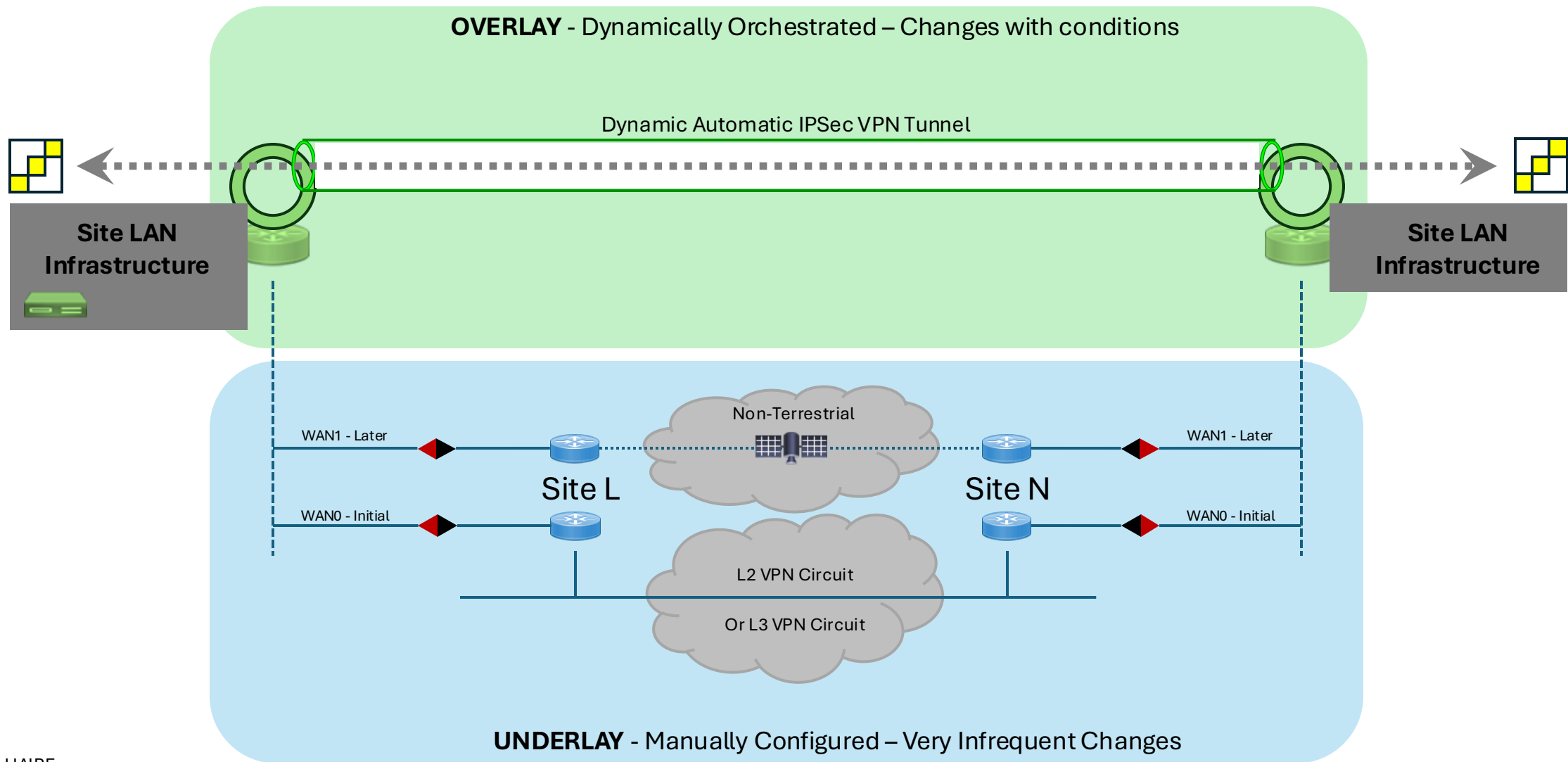






SDWAN Overlay

Underlay







-  HAIPE
-  SDWAN Gateway
-  SDWAN Orchestrator
-  Edge Router – New or Existing

**Inside Switch
SPAN - Monitor**

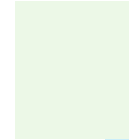
Prod SDWAN

CT core

Cover CT core



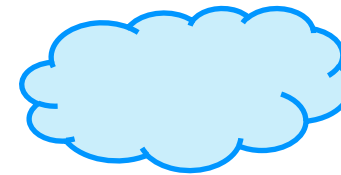
**EdgeConnect
10106**

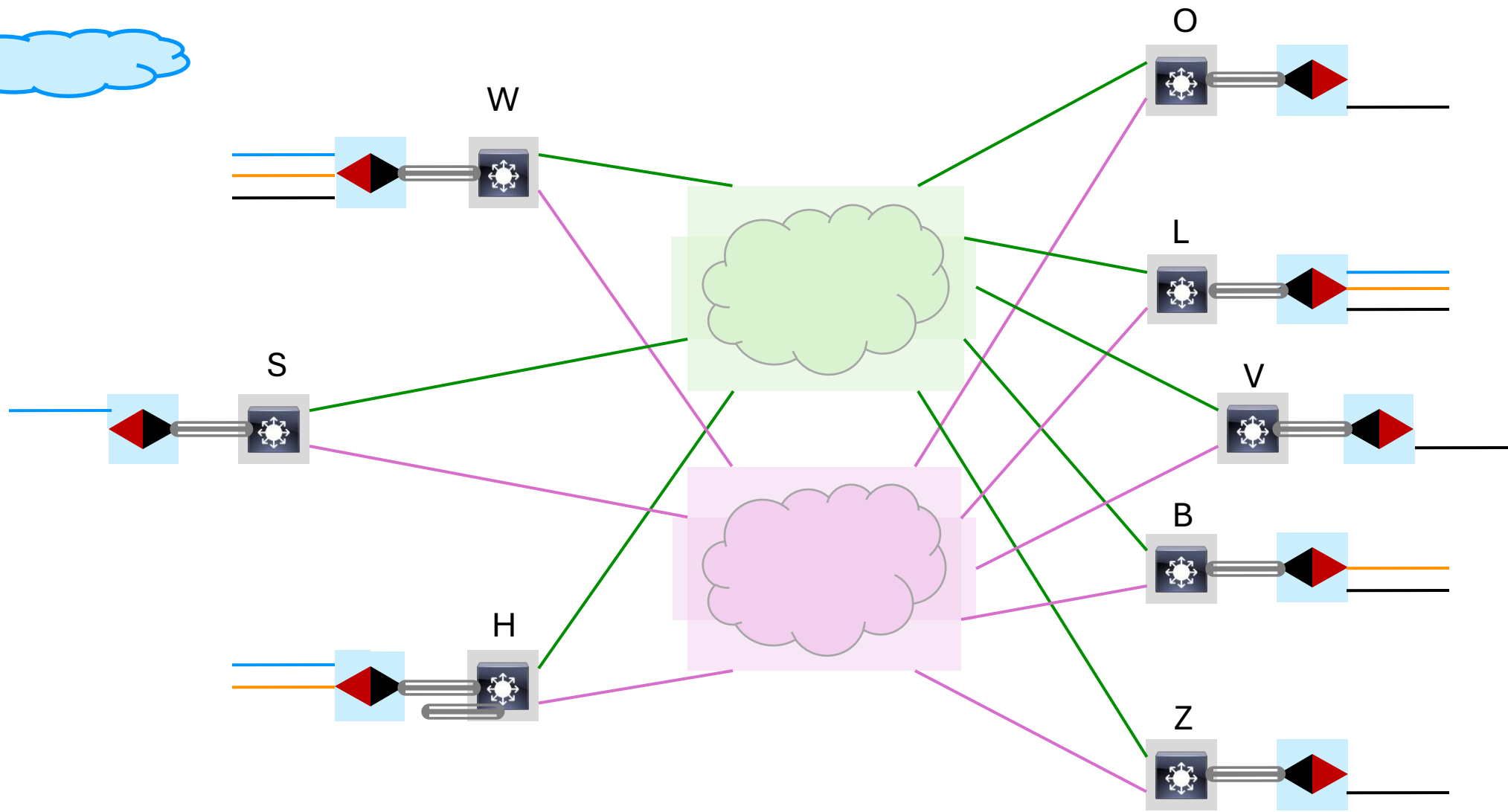


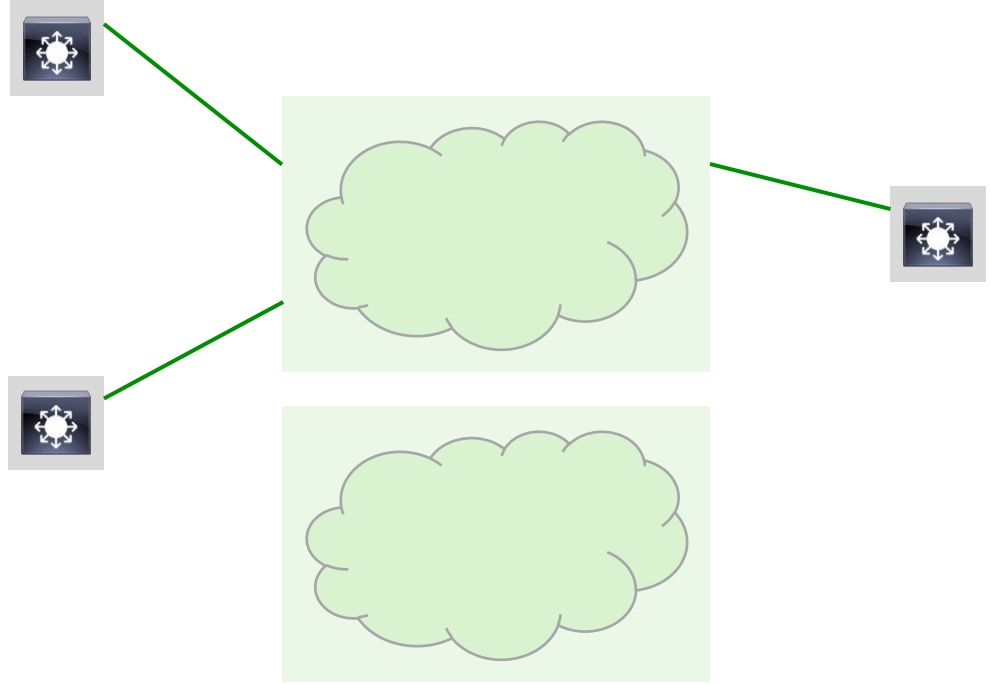
**EdgeConnect
10106**



**EC w/VRFs
C9300 w/VRFs**

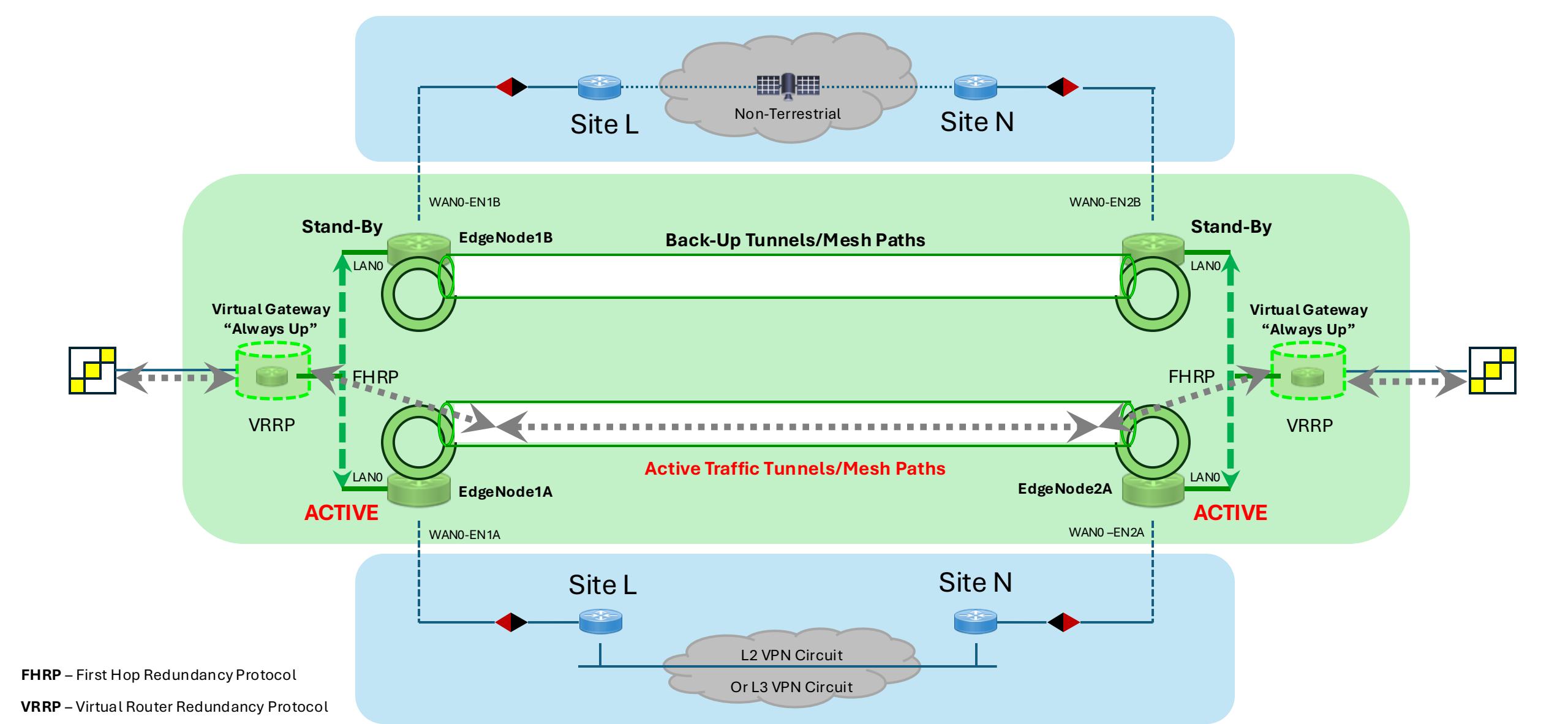




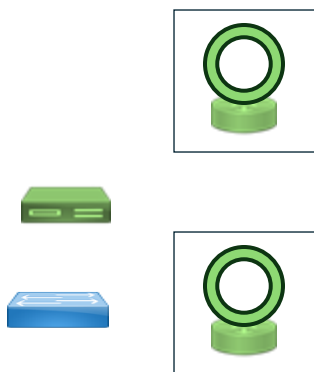




High Availability Design - Dual EdgeNodes with LAN side FHRP VRRP



Capability: Permits Traffic continuity during EdgeNode Firmware upgrades




Notes:

1. 1 Circuit or 2 Circuits:
 - 1 L2 VPN Circuit IOC
 - 2 Circuits (1 per IEC at FOC)
2. Redundant Inner EdgeConnect (IEC) Node:
 - No – IOC
 - Yes – Lab and FOC
3. HAIPE Cover
 - Yes → Outer OEC – same model as IEC
 - No → No OEC
4. Hub Site - Inner-SW
 - C9200CX-8P-2X2G
5. Hub Orchestrator VM
 - Dedicated 1U Supermicro w /Server 2025 Hyper-V
 - ~25 EC gateways
 - 8 CPU / 24 G / 512 GB
 - 1 U Windows 2025 – w Hyper-V

Orchestrator VM on 1U server w/ Windows Server 2025 Host running Hyper-V









Supermicro 1U Ultra SuperServer (SYS-120U-TNR)

CPU	2 x	Intel® Xeon® Silver 4310 Processor 12-Core 2.10GHz 18MB Cache (120W)
Memory	4 x	8GB DDR4 3200MHz ECC RDIMM Server Memory
Storage	4 x	960GB 2.5" D3-S4520 SATA 6Gb/s Solid State Drive (3 x DWPD) (Slot OnBoard: INTEL SATA, MAIN, Raid 10 with 4 drives, 0x Global Spare drive)
Storage Controller	1 x	Supermicro Low Profile 12Gb/s Eight-Port SAS Internal RAID Adapter (up to 16 Drives)

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Inside Switch

C9200CX-8P-2X2G



Approx. \$1500

Edge Connect

EC-10106

As shown in diagrams:



Approx. \$ 3000