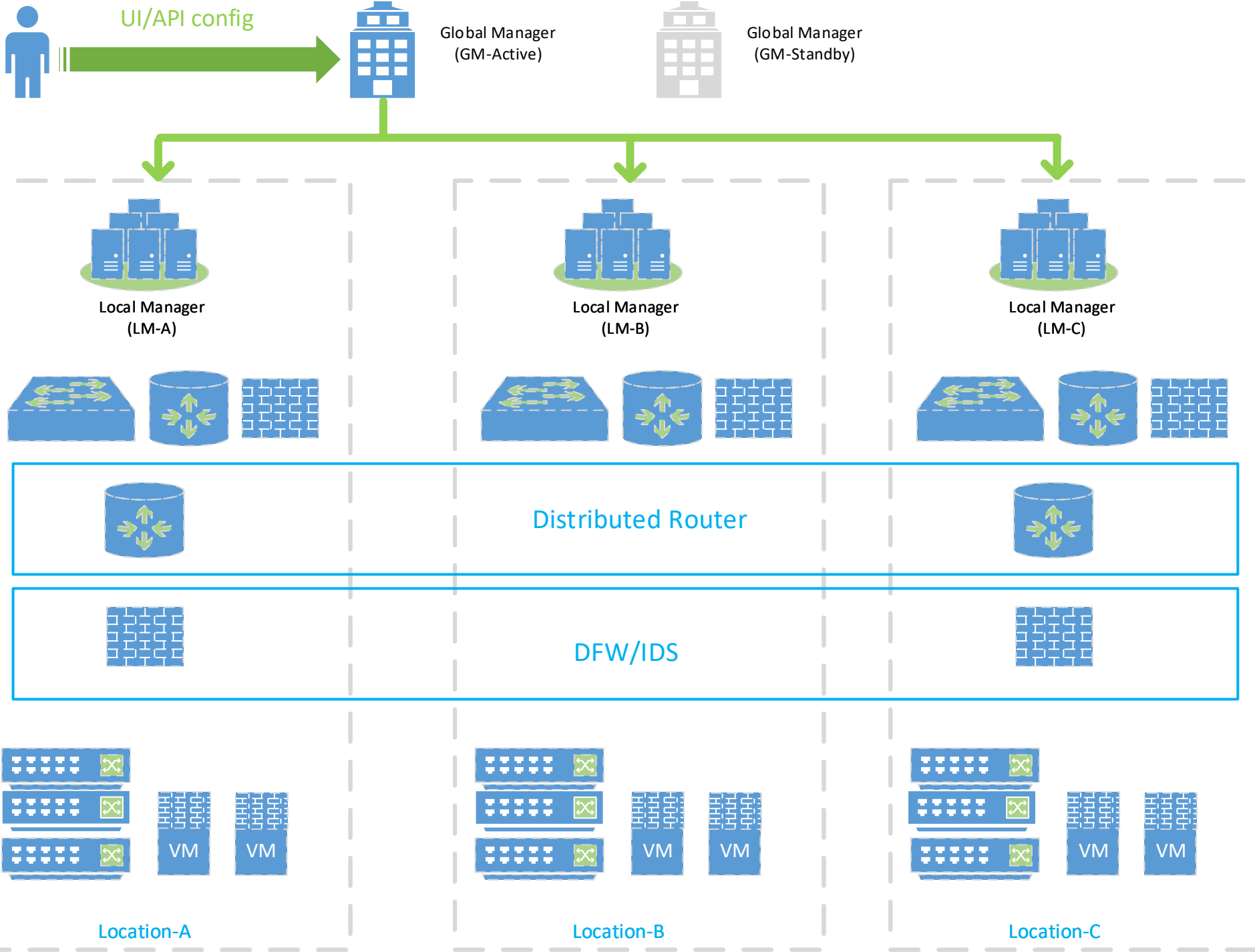
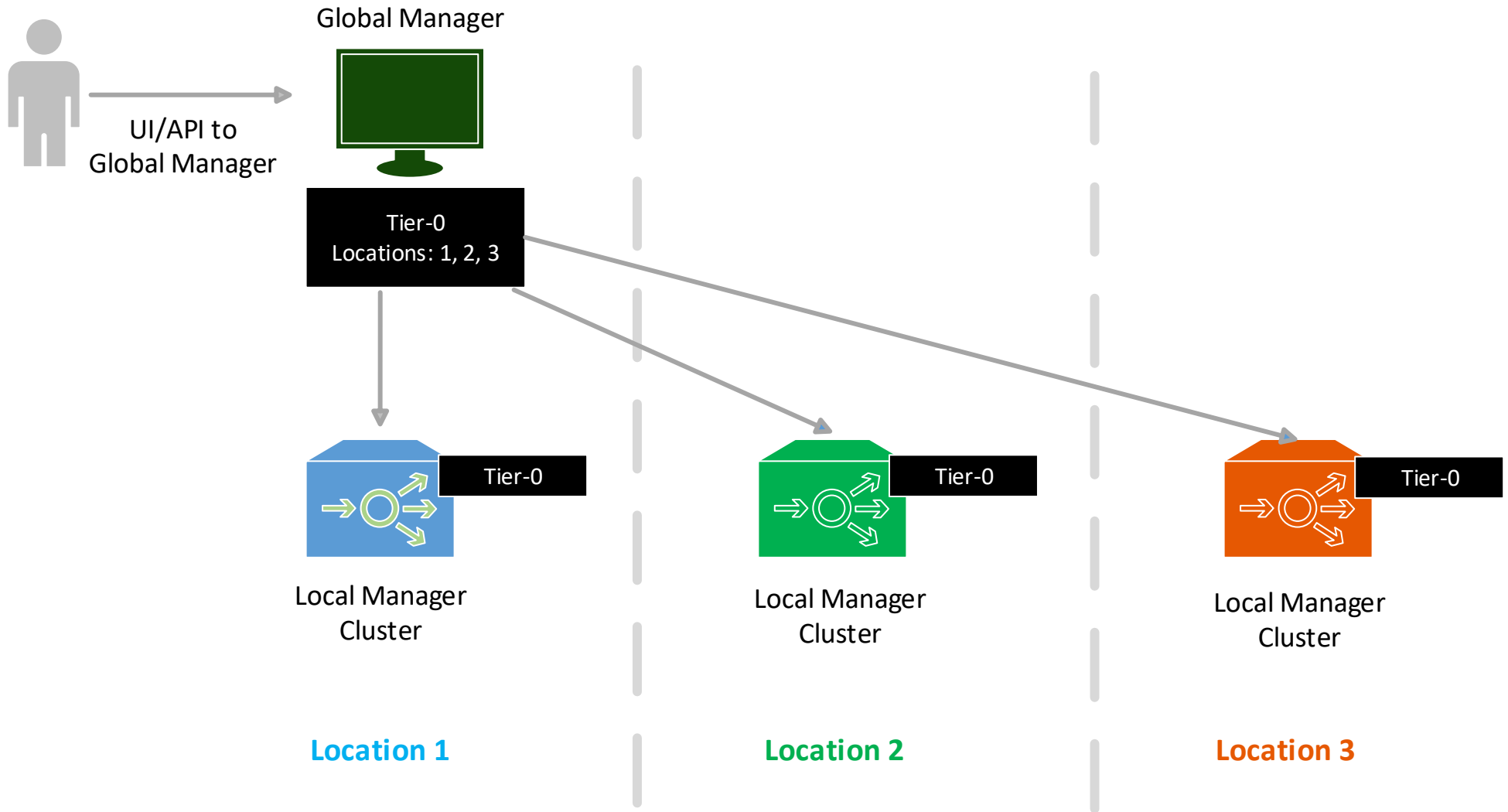


vmware®

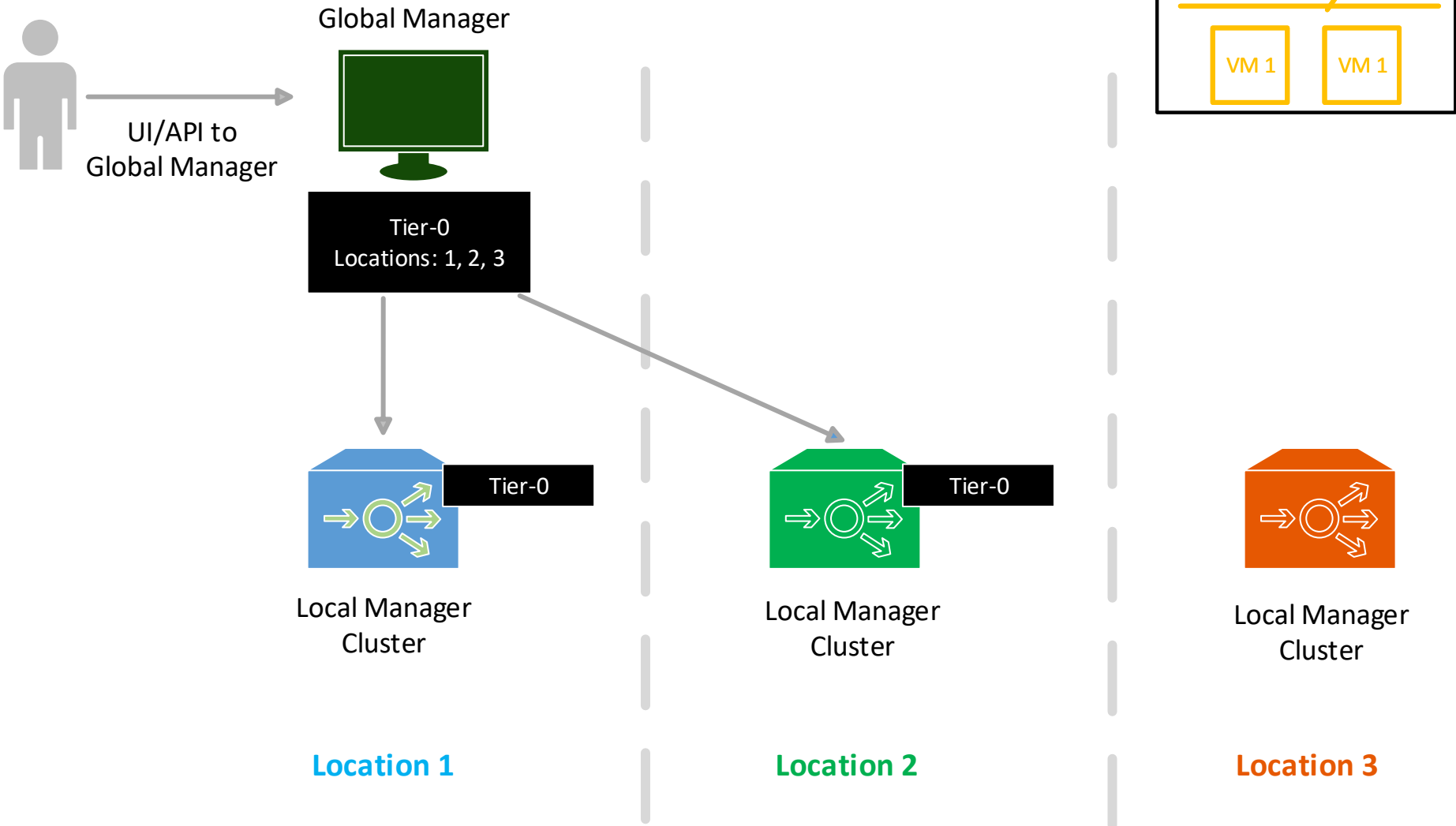
**VMware NSX-T Federation 3.2
Architecture Diagrams**



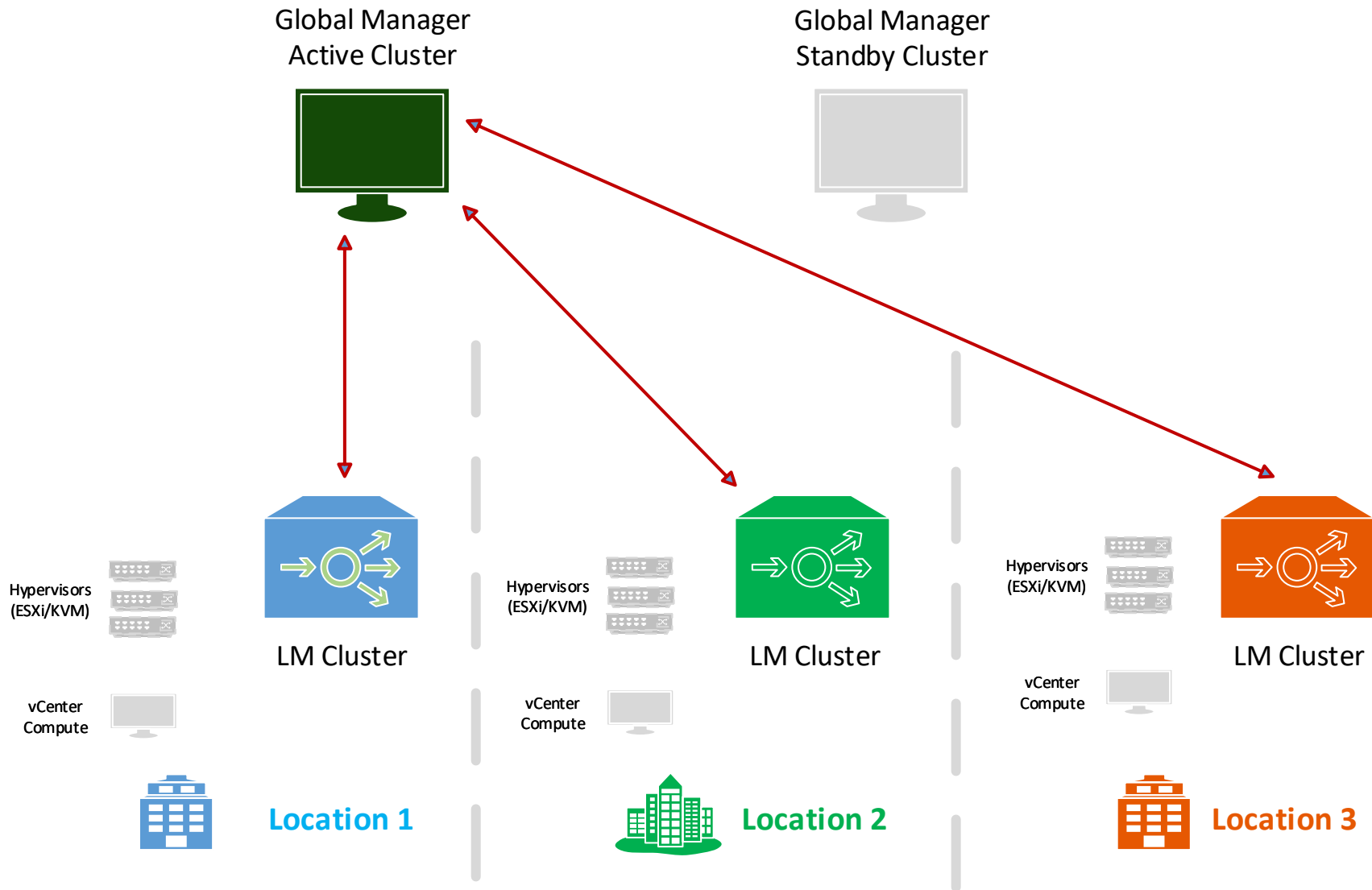
Tier-0 Gateway synched with all three Local Managers



Three Locations with One Not Synced



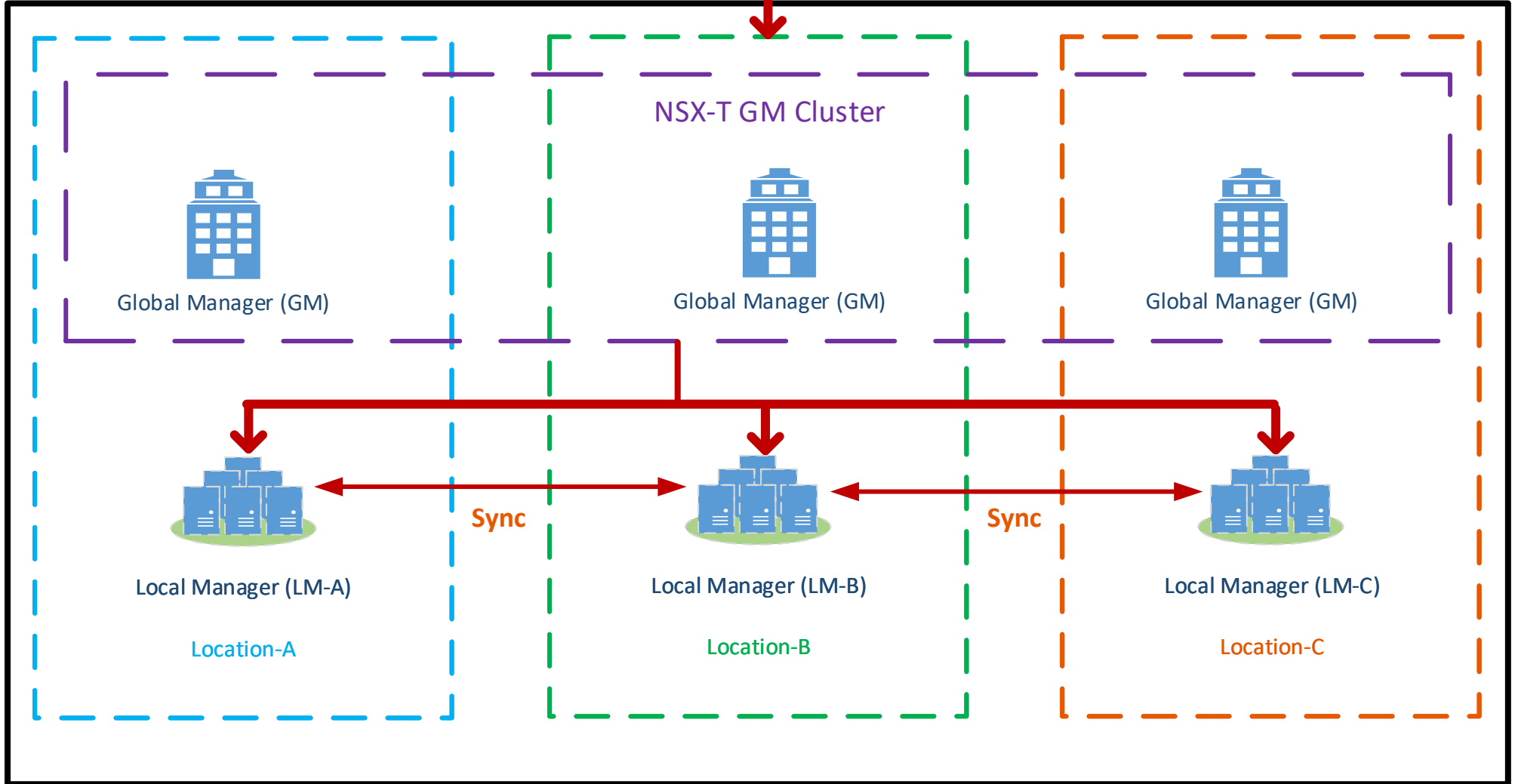
NSX-T Federation 3.2 Global Manager Standby



LM in each Location
GM Active in One Location
Register LMs to GMs



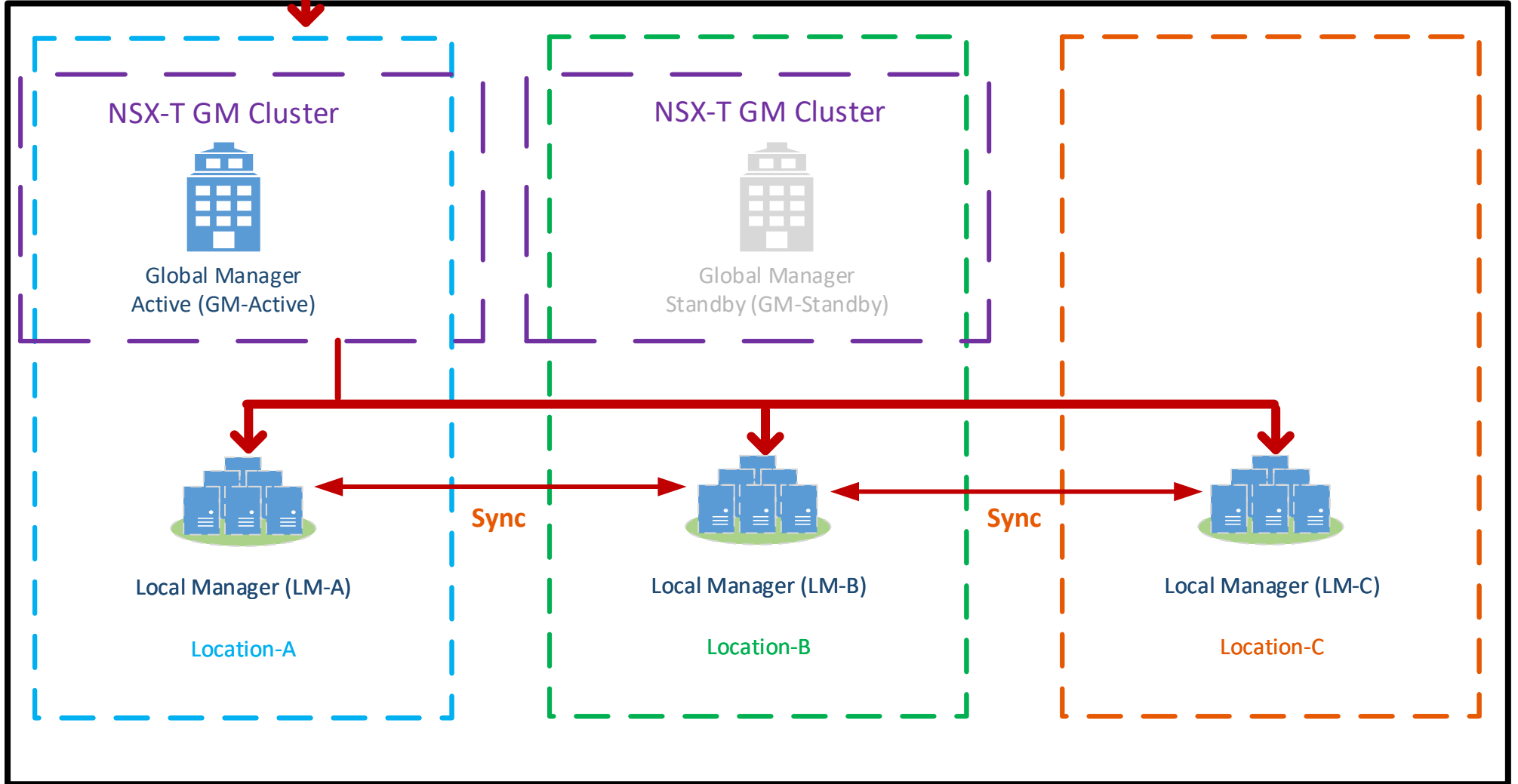
UI/API config



<10 ms latency (RTT)

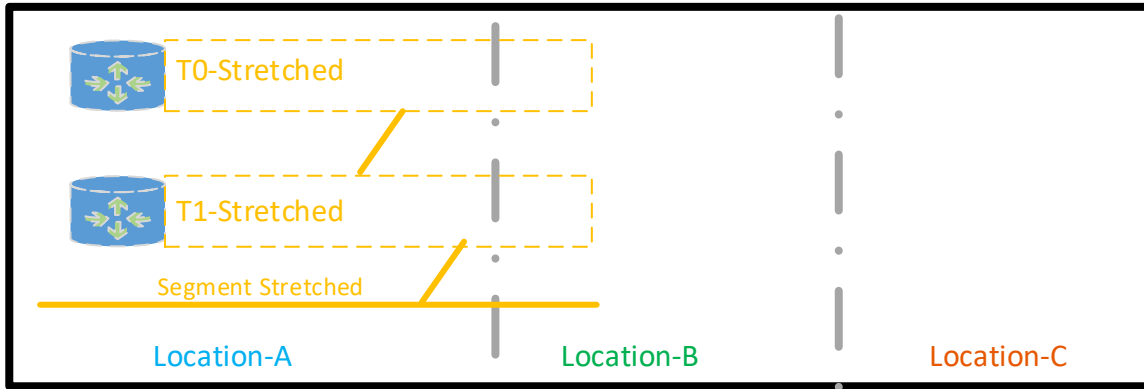


UI/API config

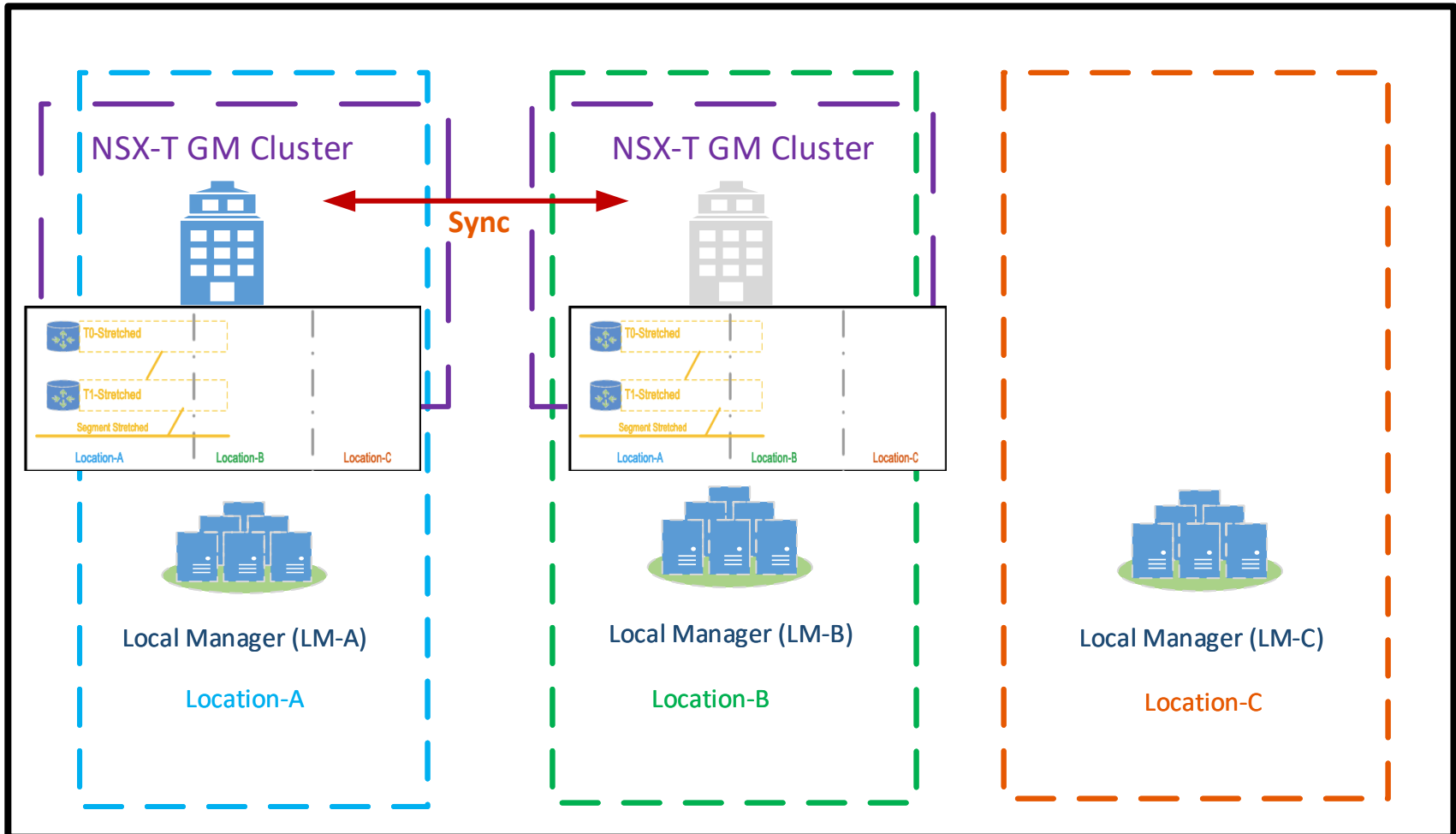


<150 ms latency (RTT)

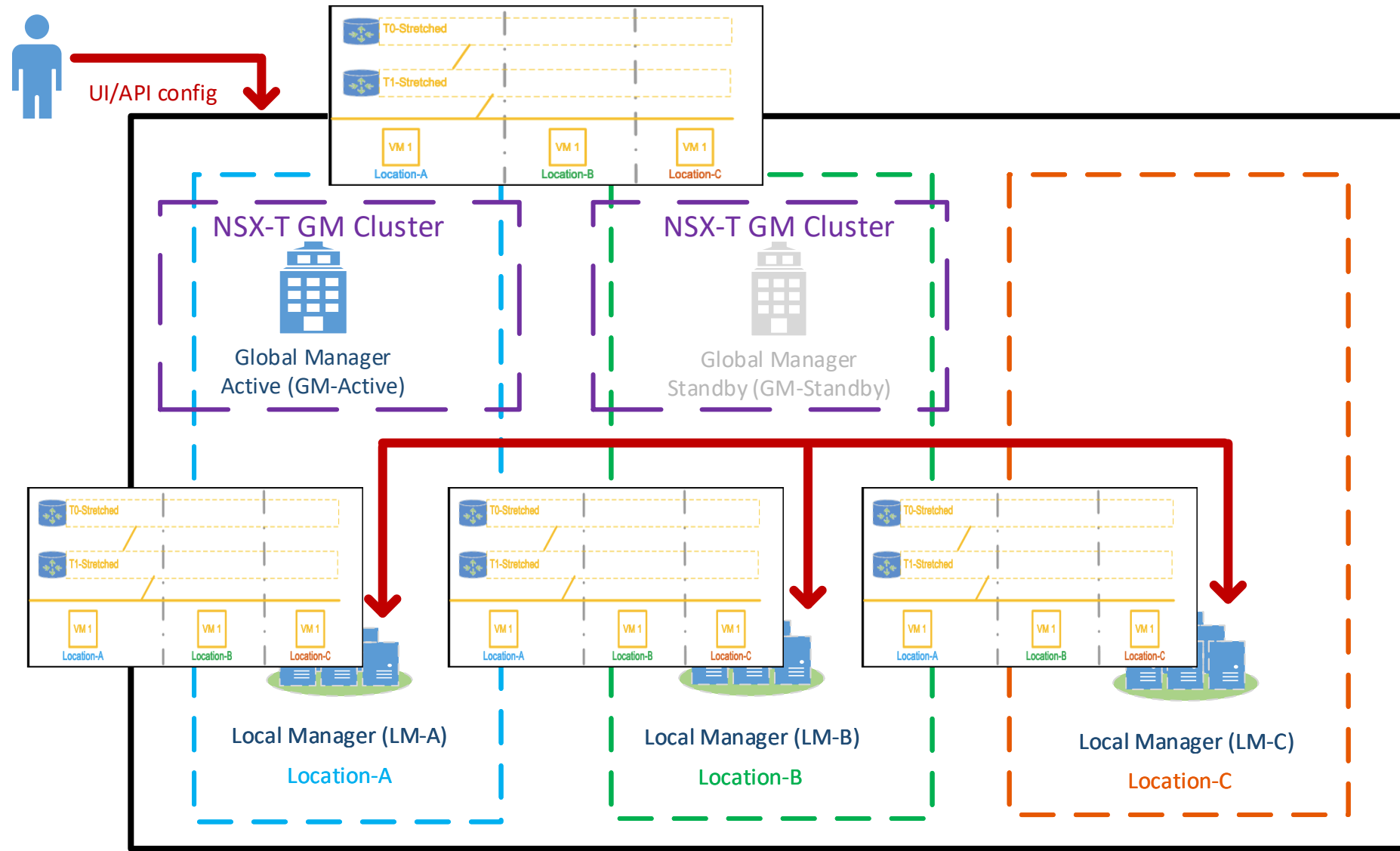




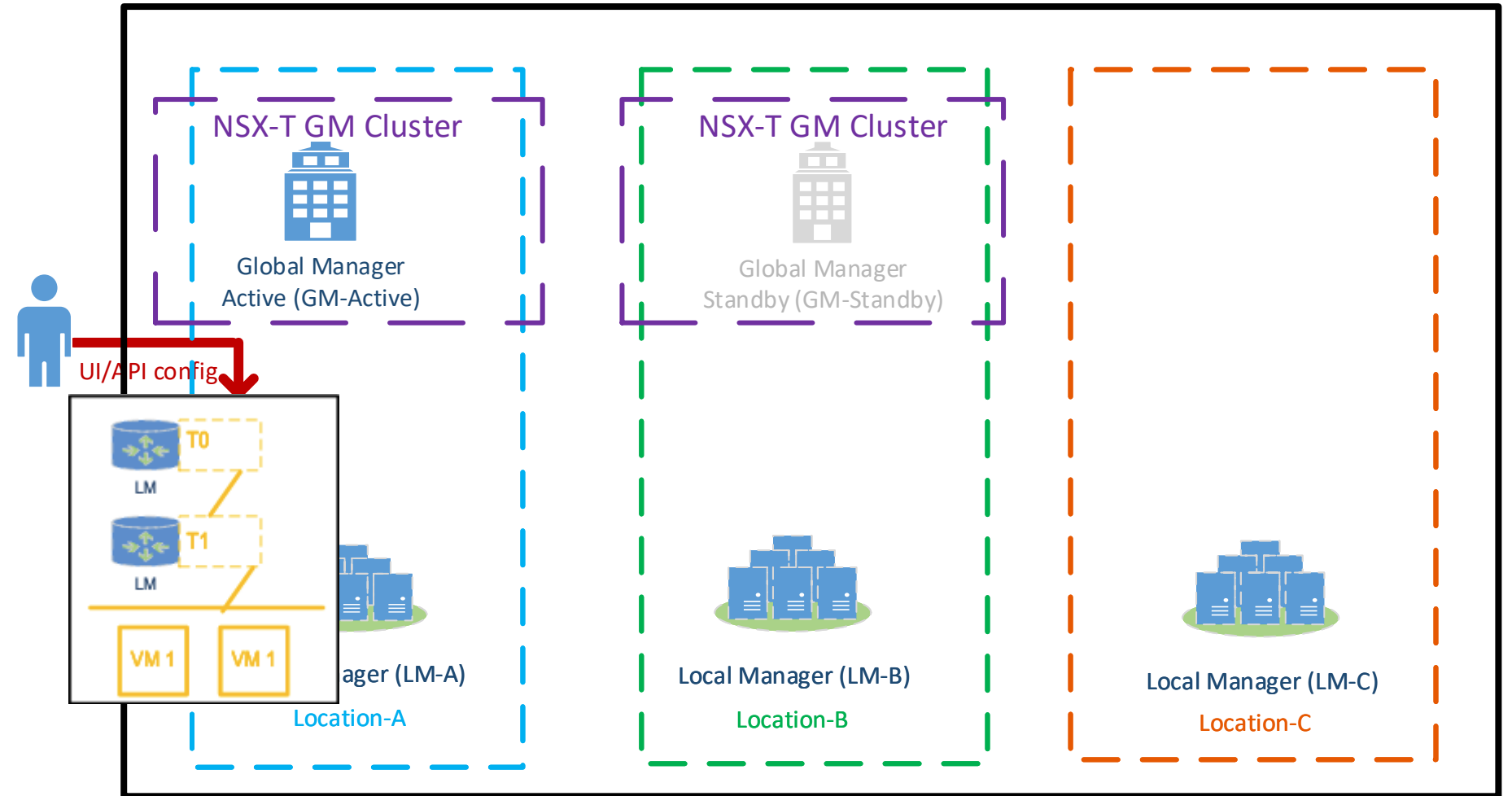
UI/API config

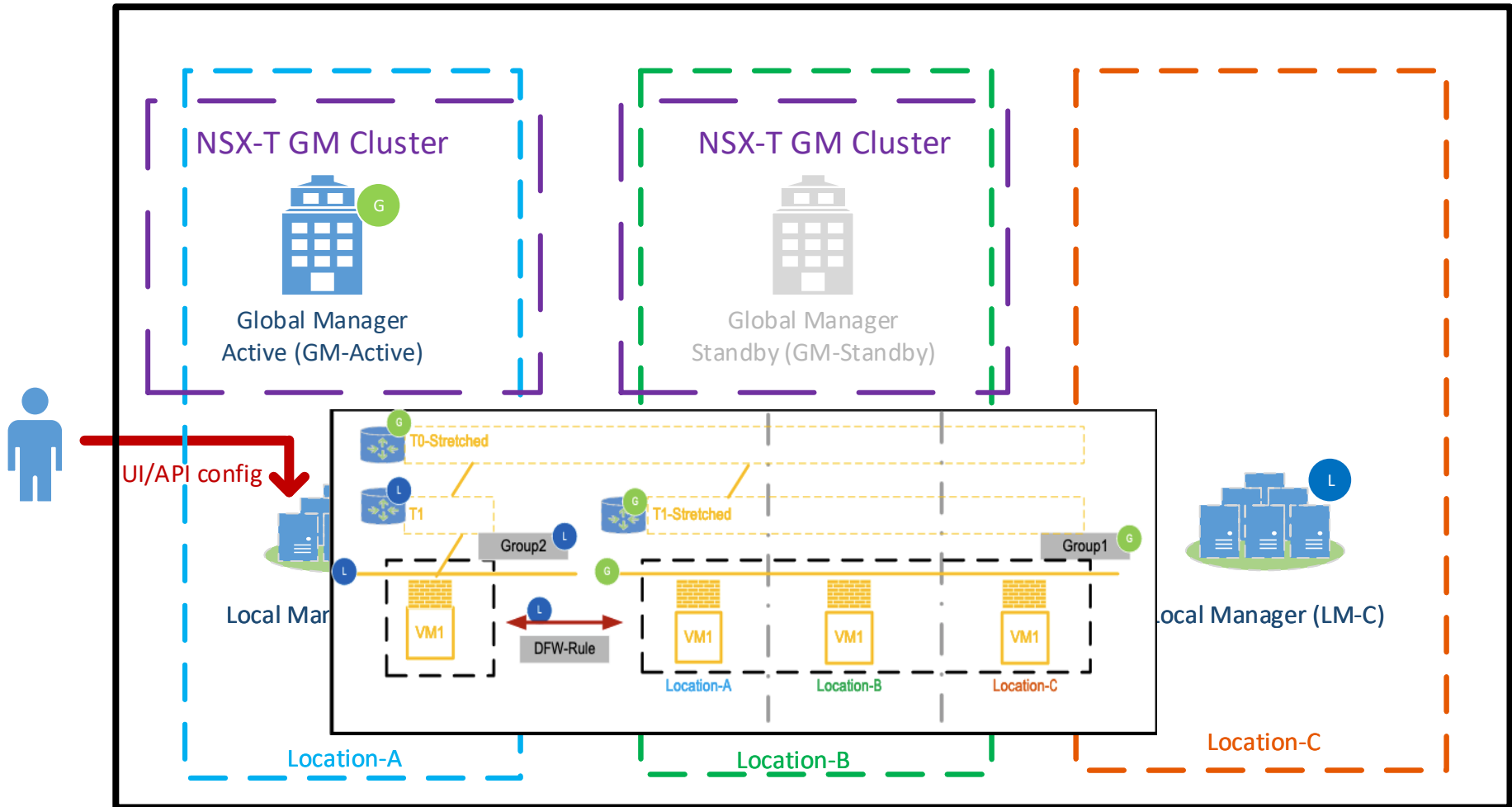


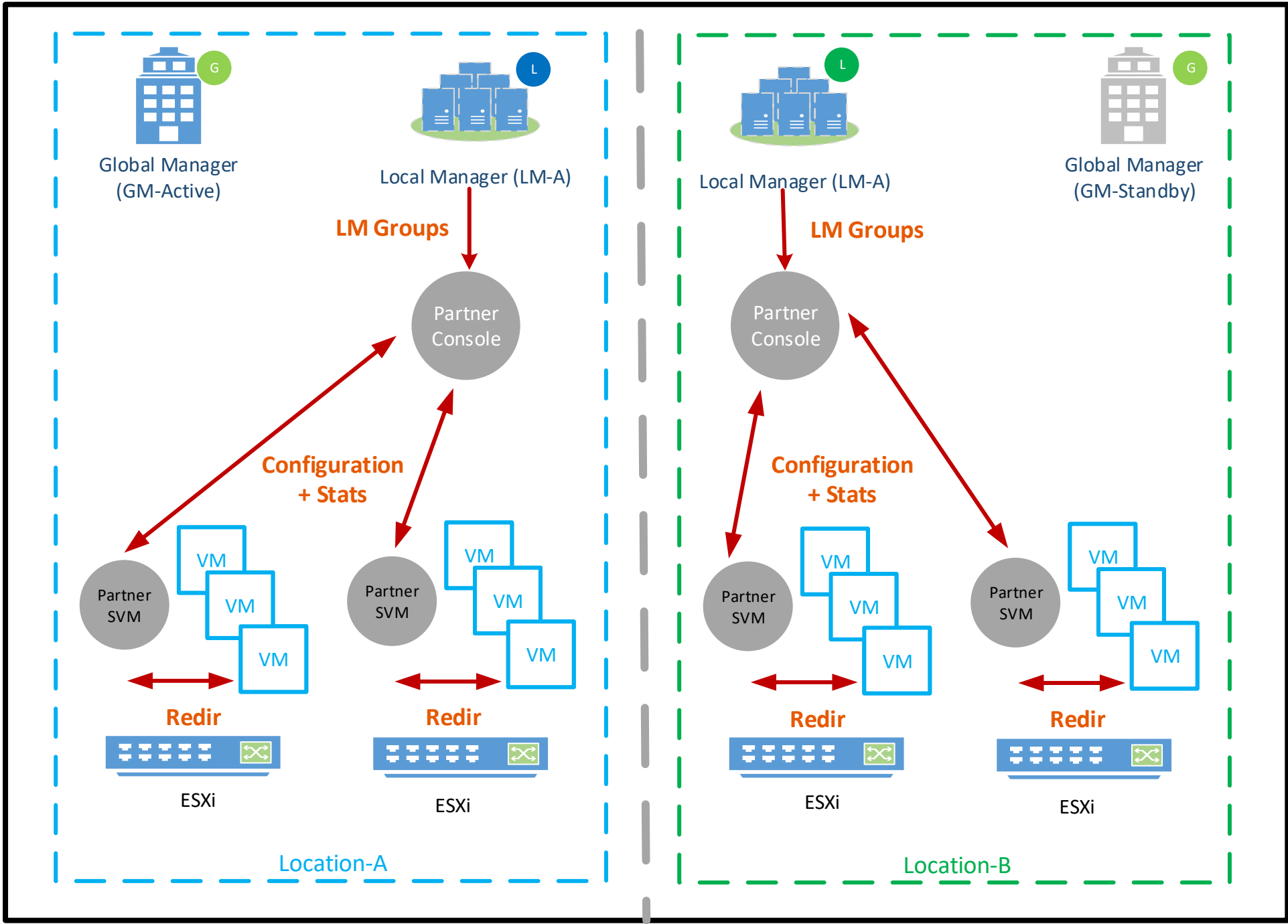
GM to LM Communication Flow: GM Created Objects

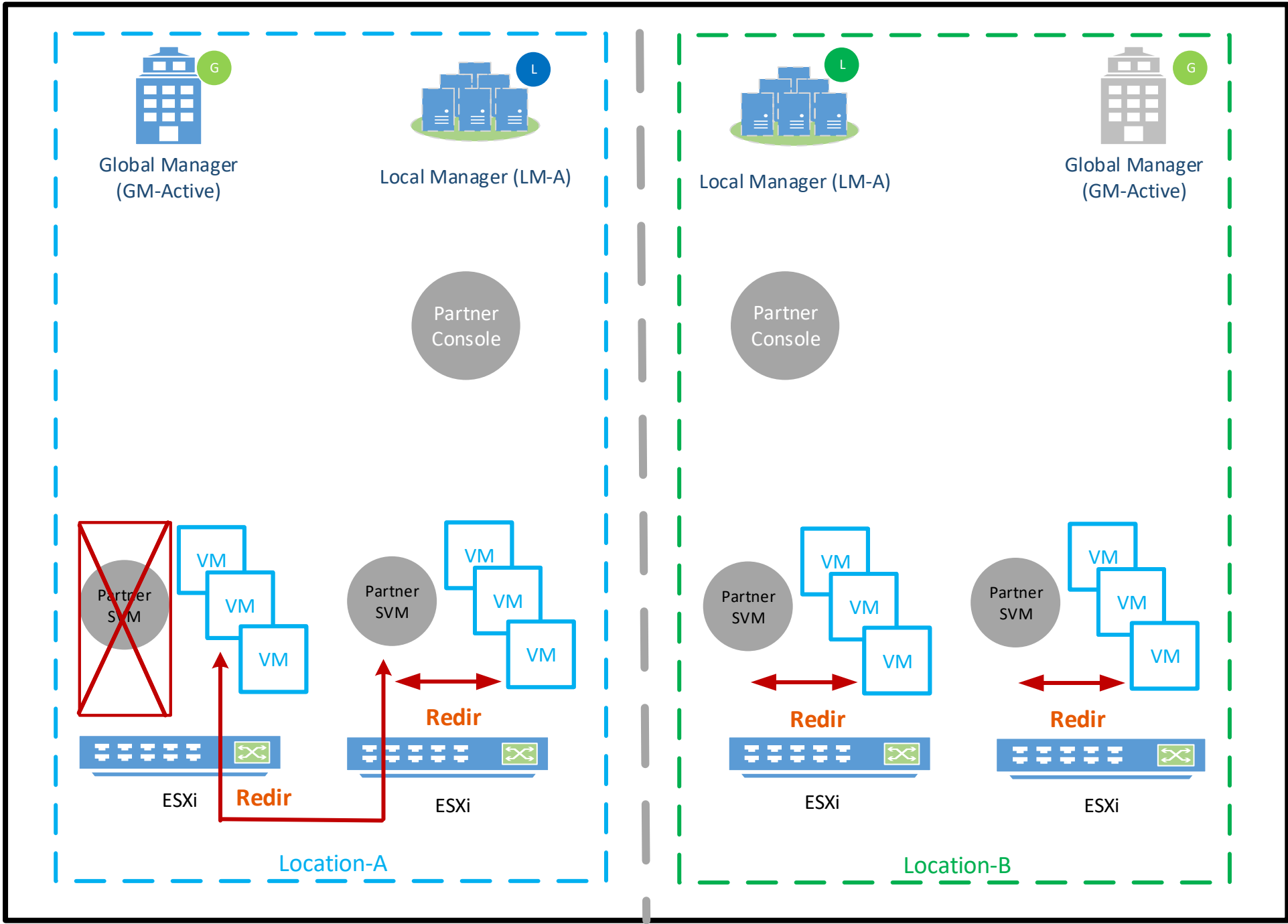


GM to LM Communication Flow: LM Created Objects

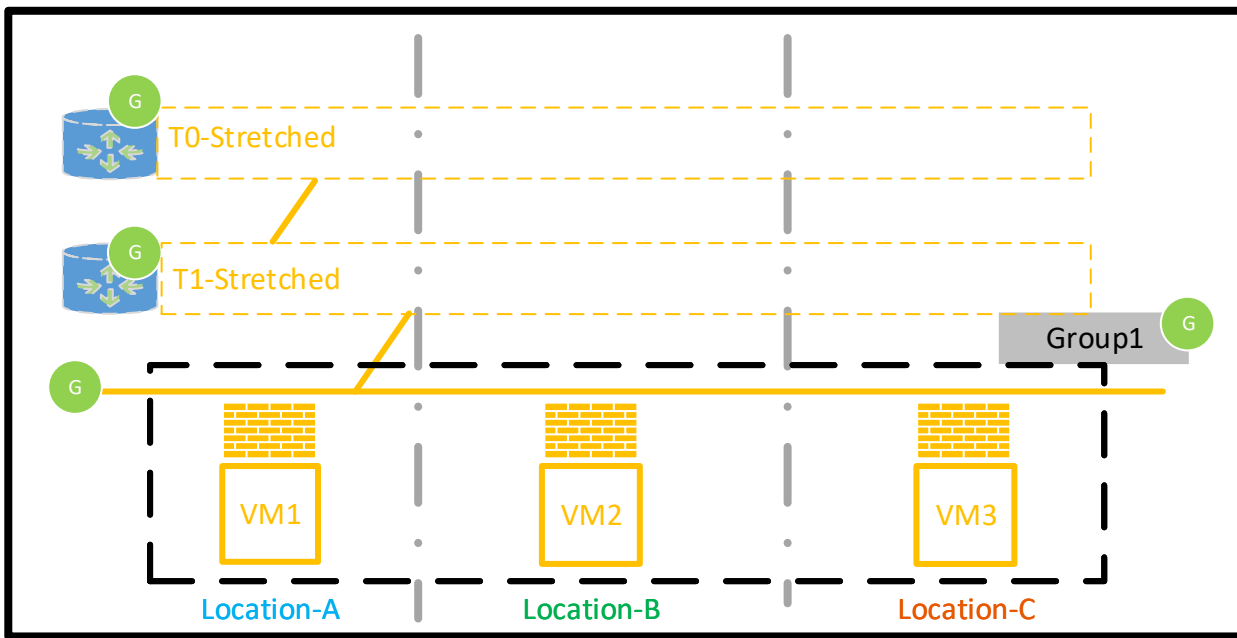




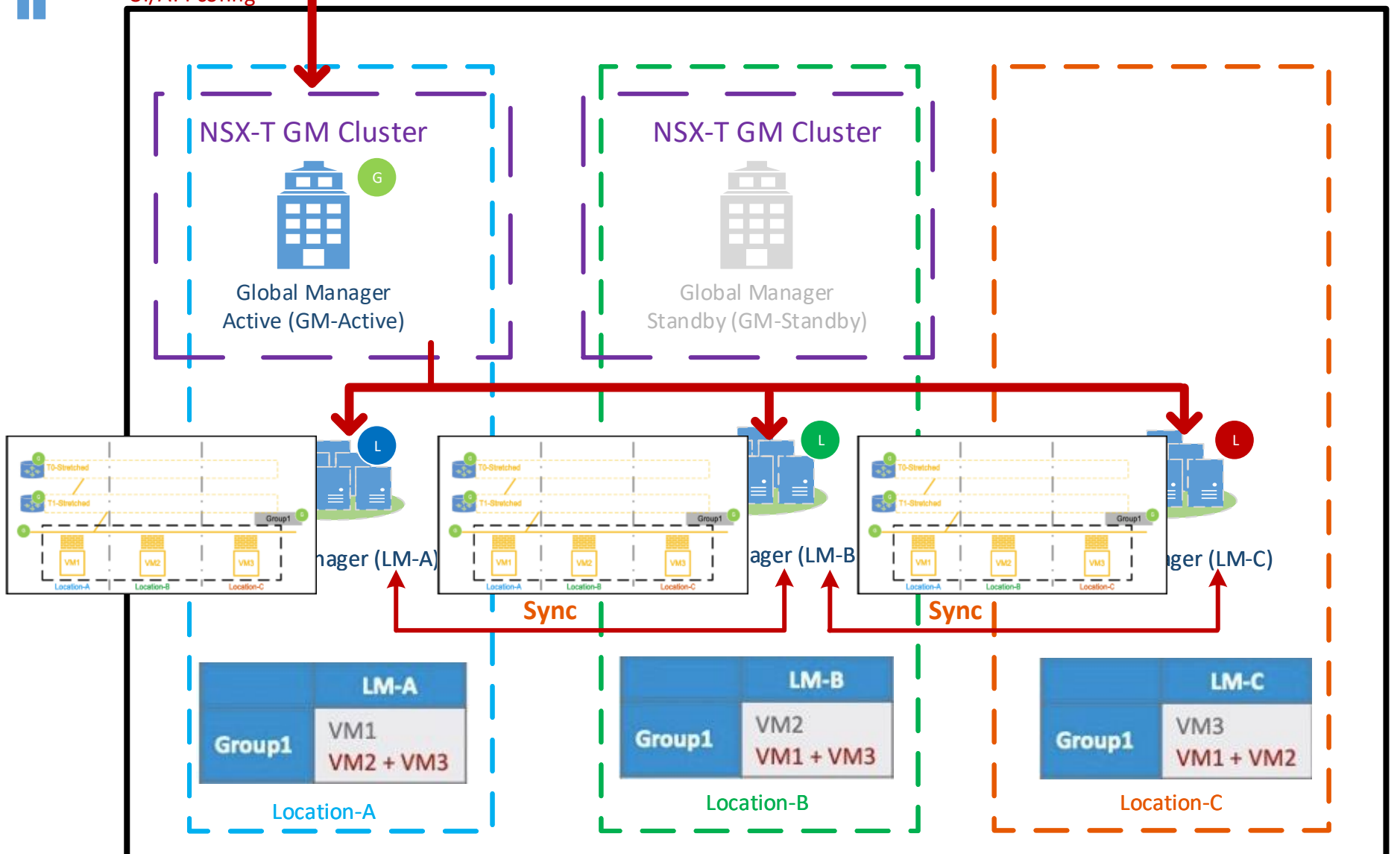




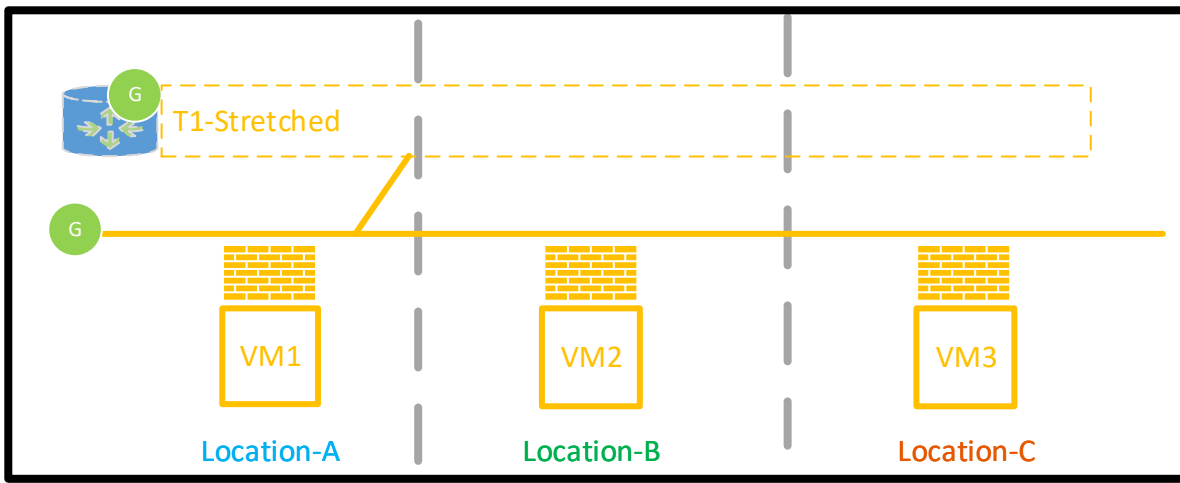
LM to LM Communication Flow Stretched NSX Group



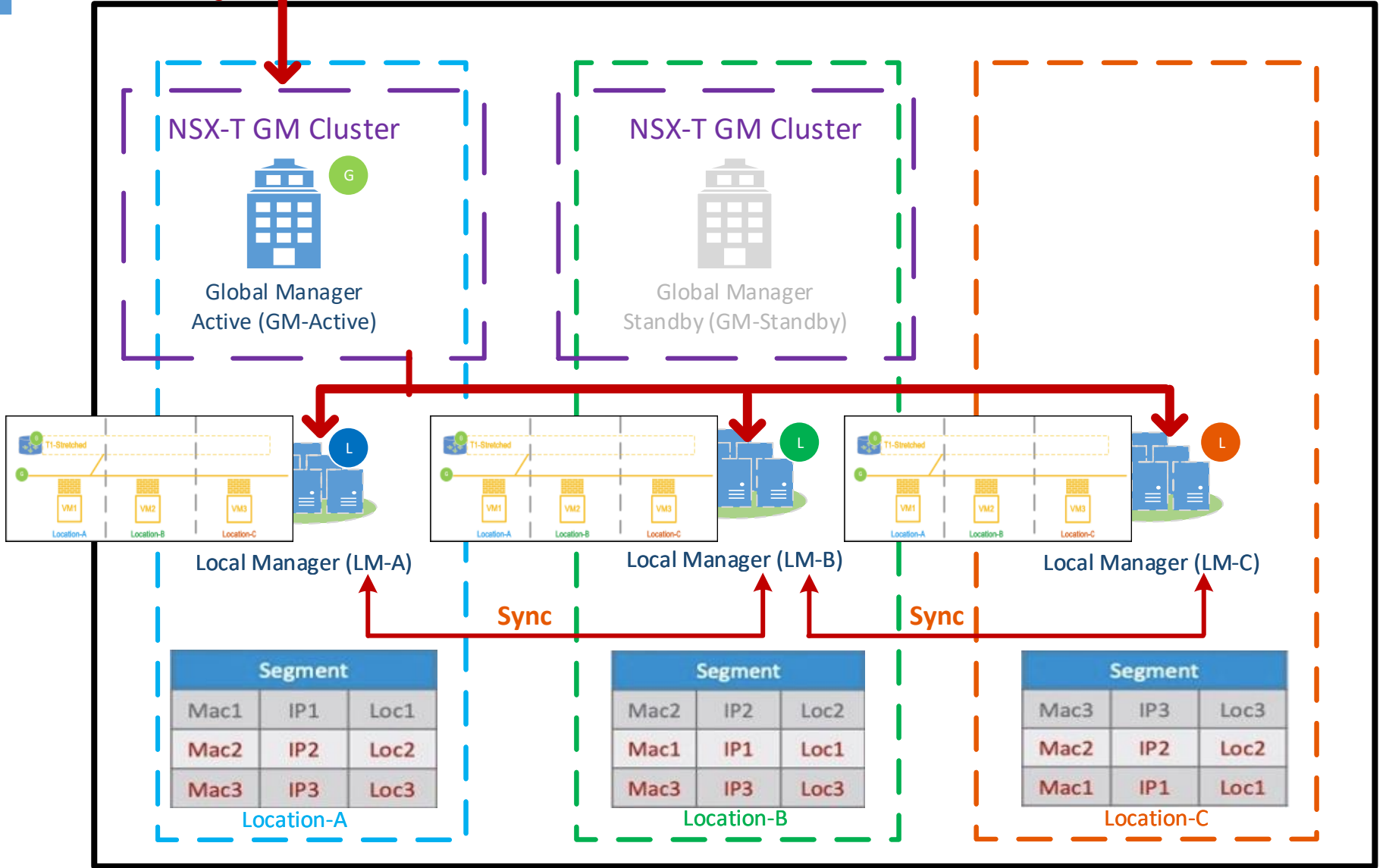
UI/API config



LM to LM Communication Flow Stretched Segment



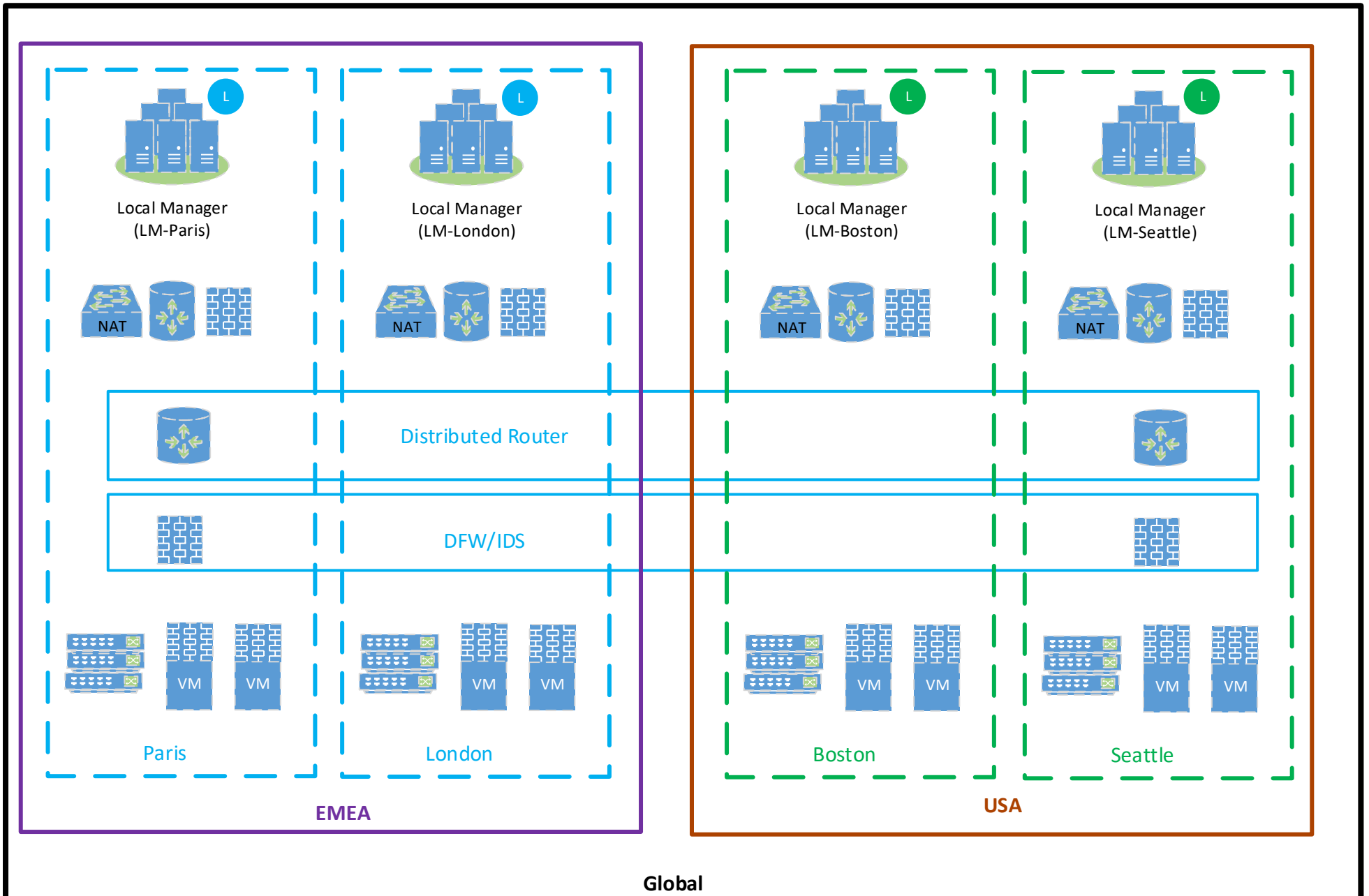
UI/API config

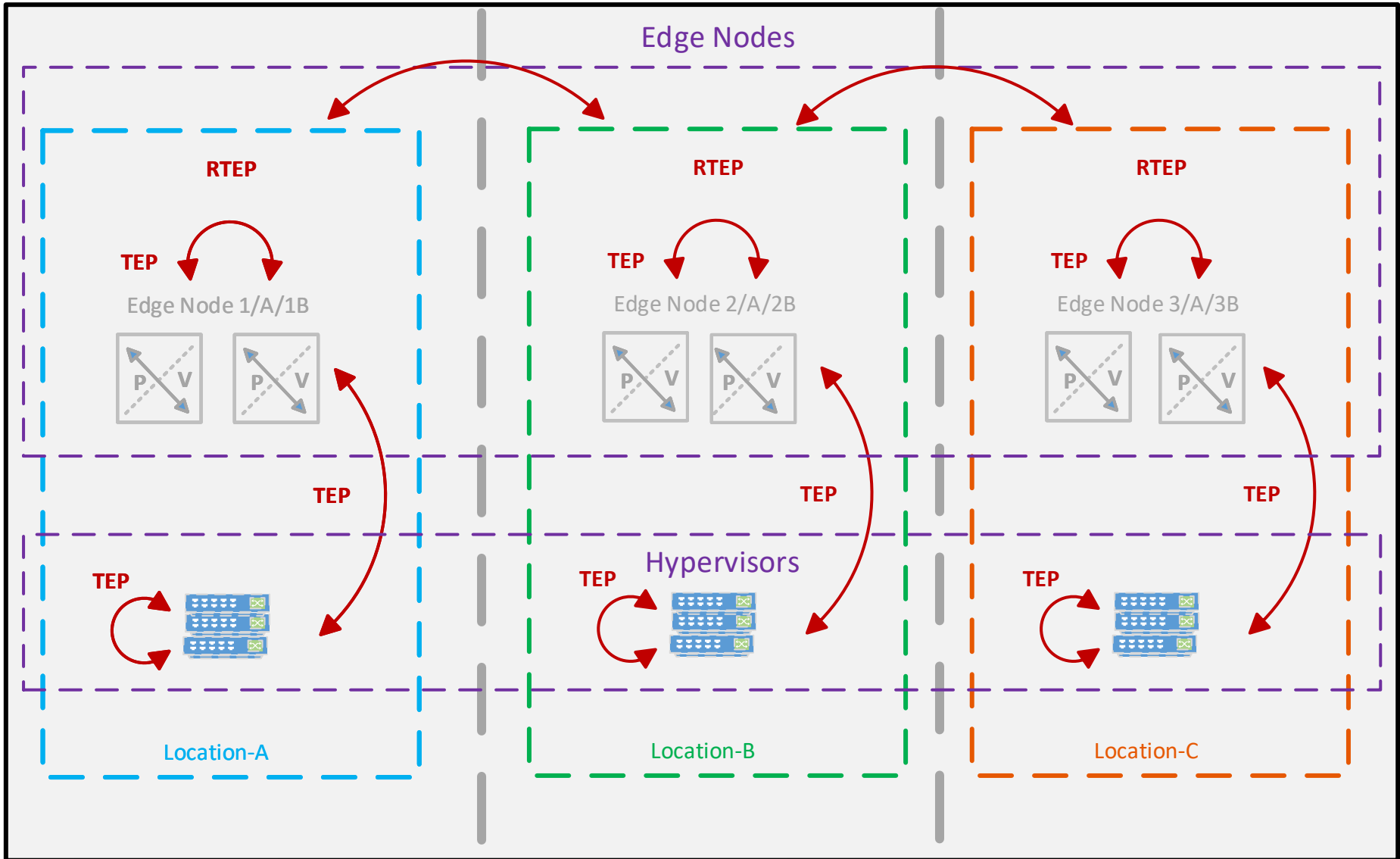


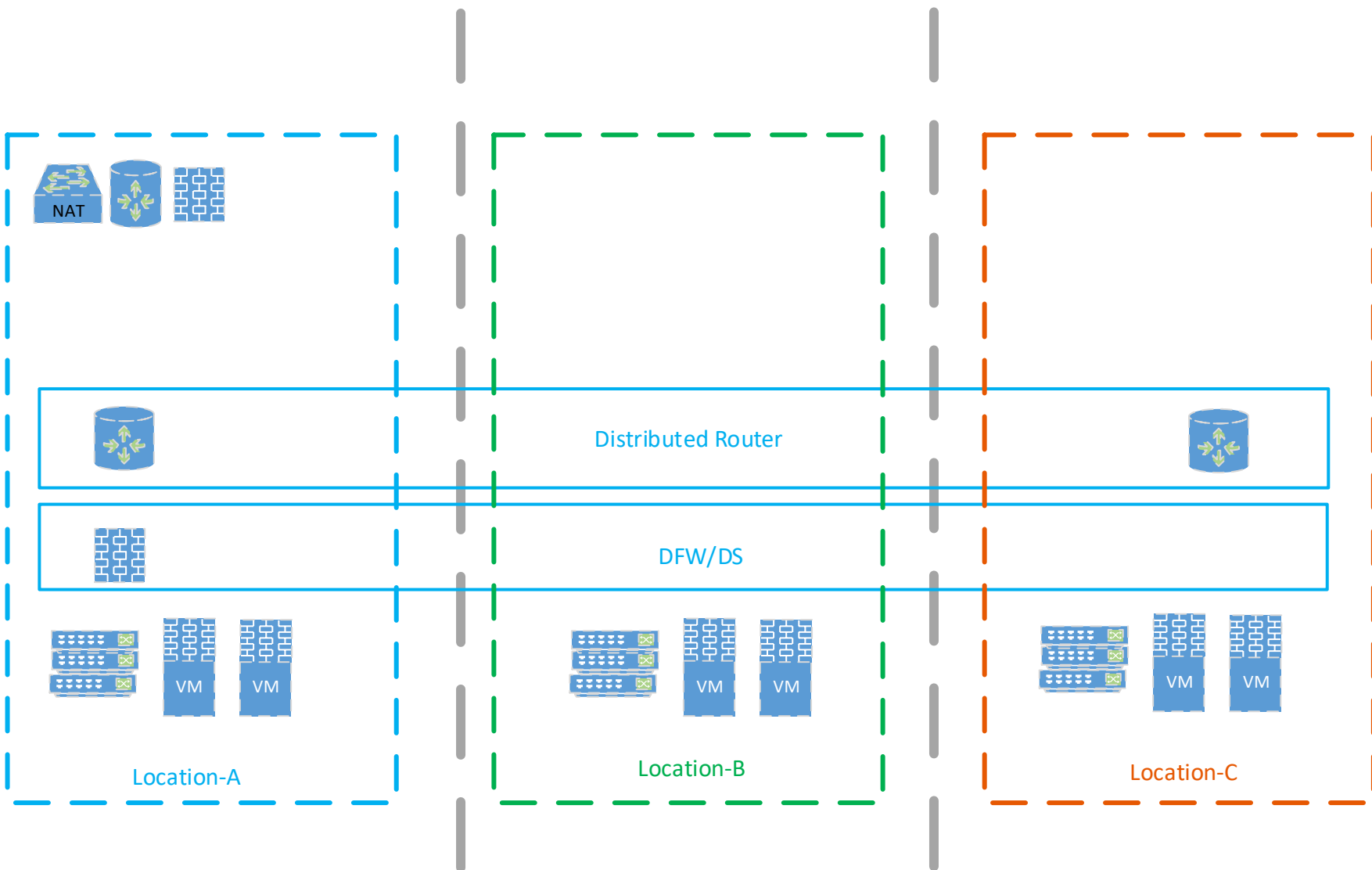


G

Global Manager (GM)







NAT

VM

Location-A

Distributed Router

DFW/DS

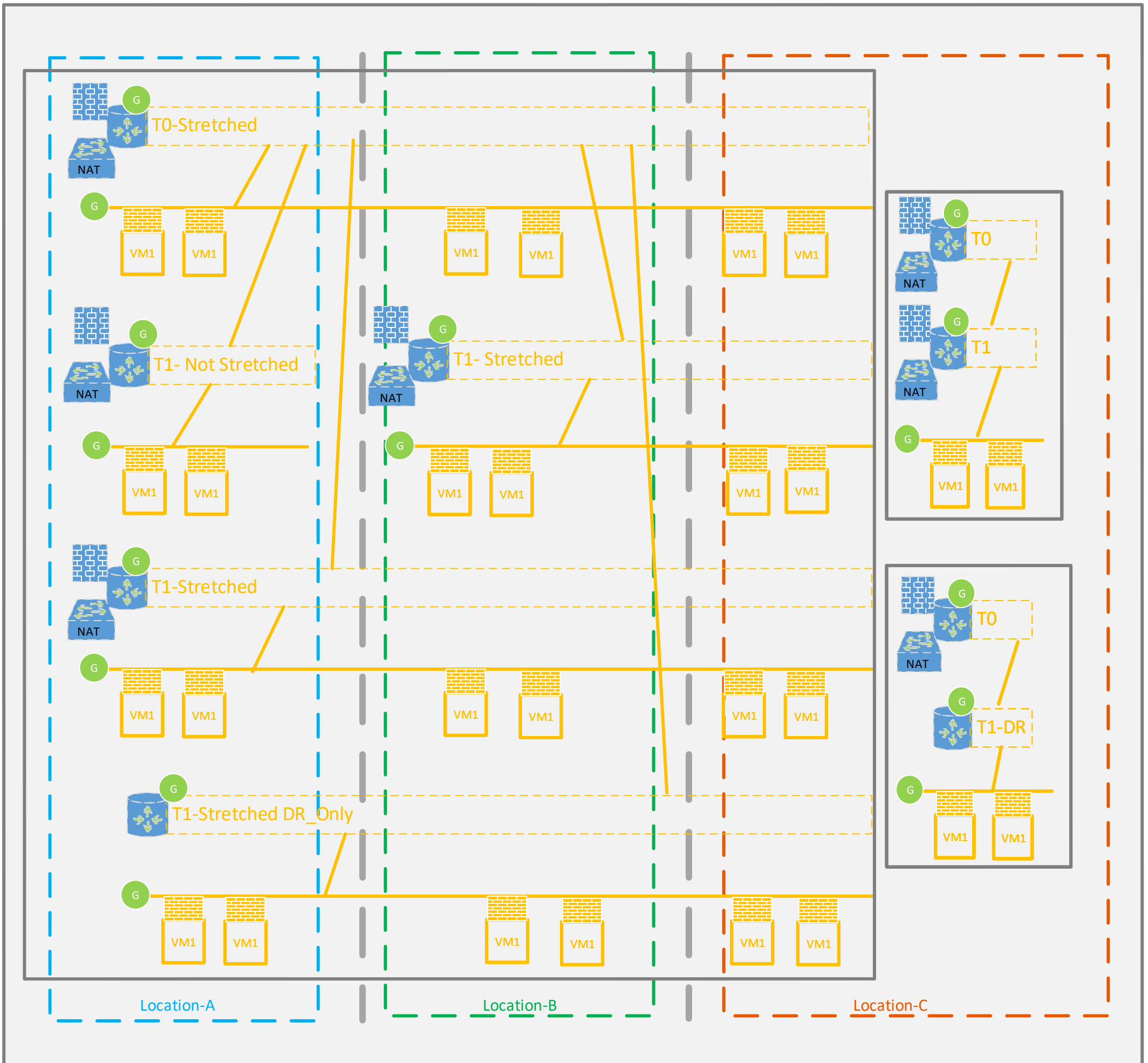
VM

Location-B

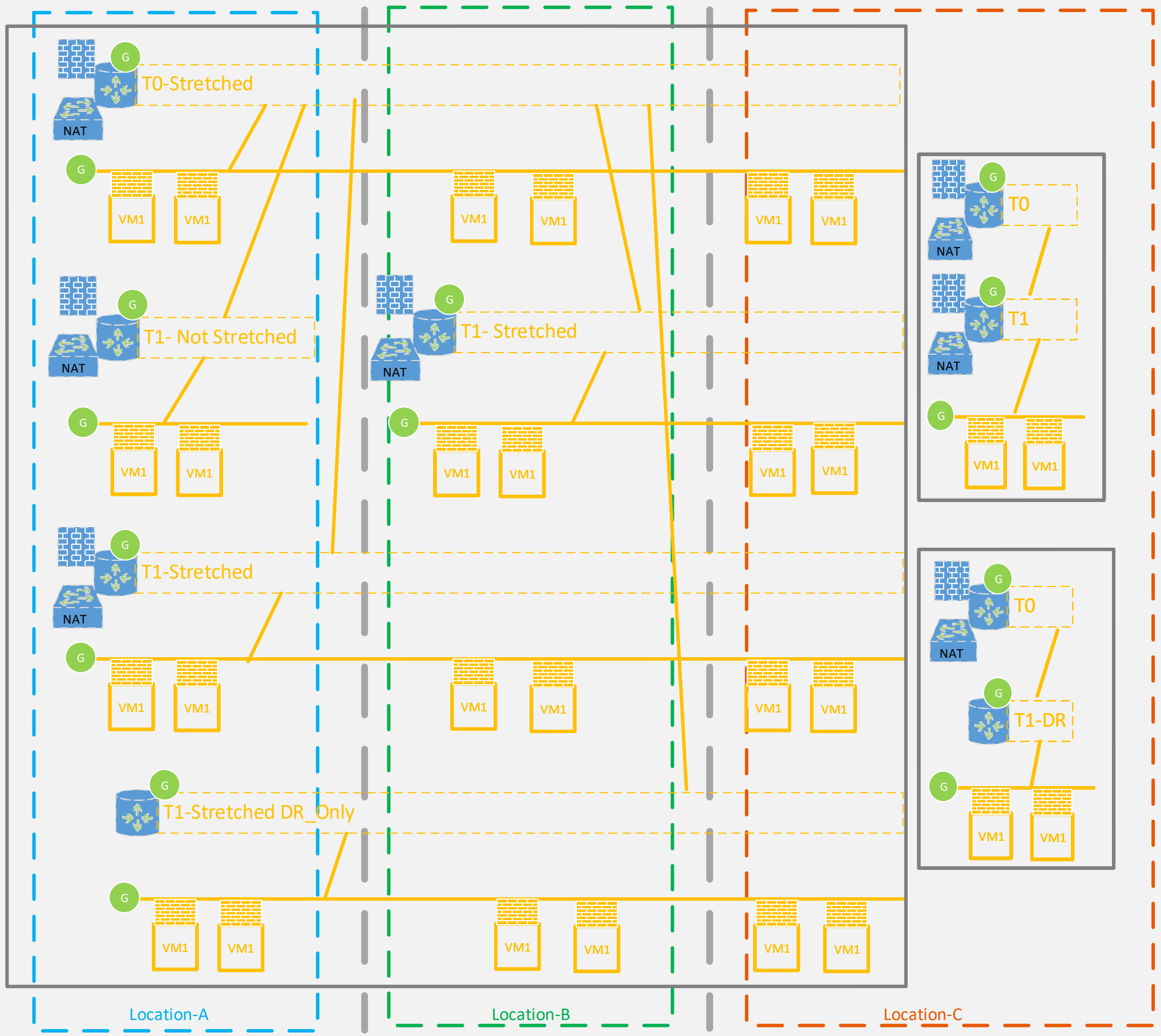
VM

Location-C

Different Supported Tier-0 / Tier-1 / Segments Topologies



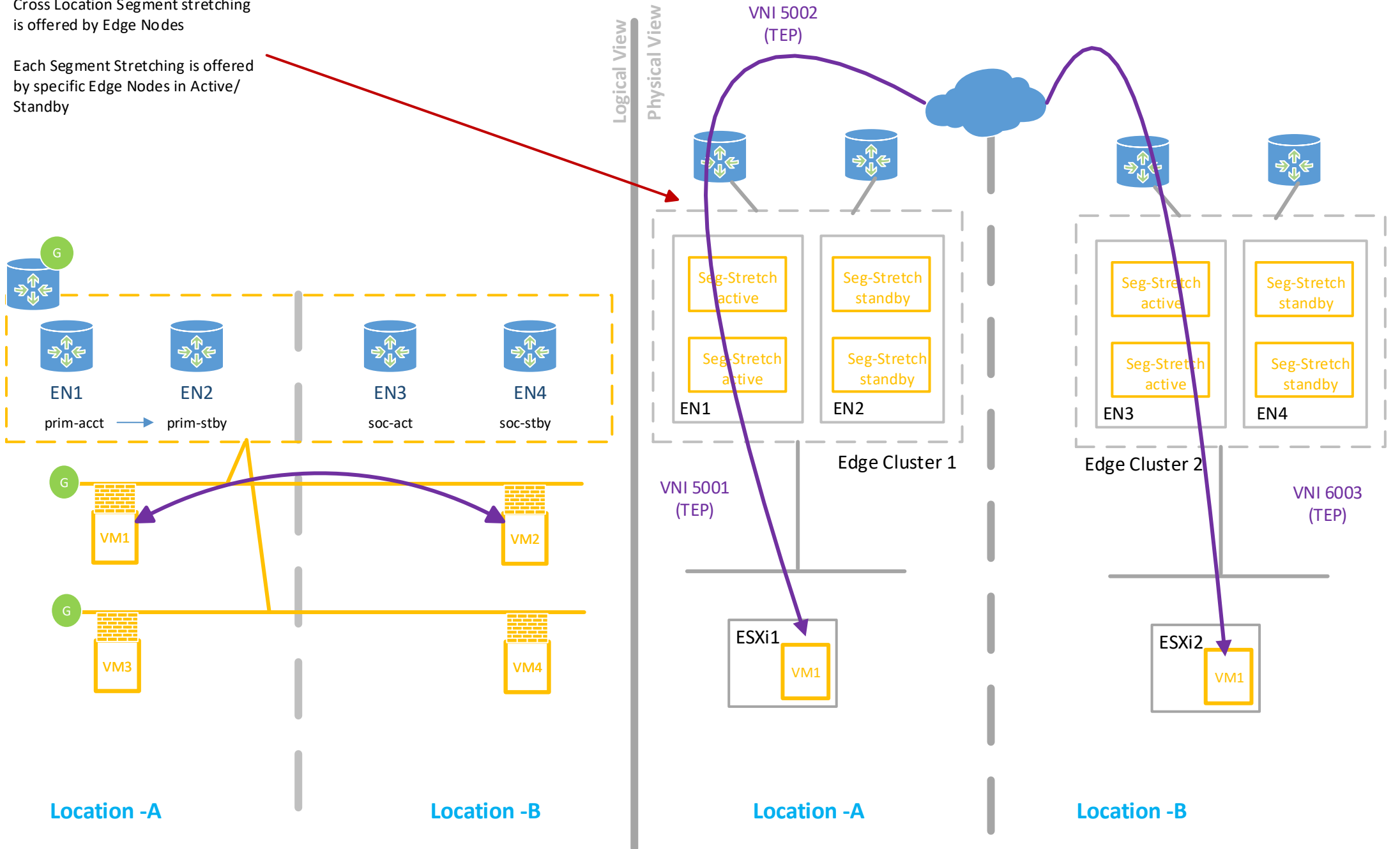
Federation Segments Topologies



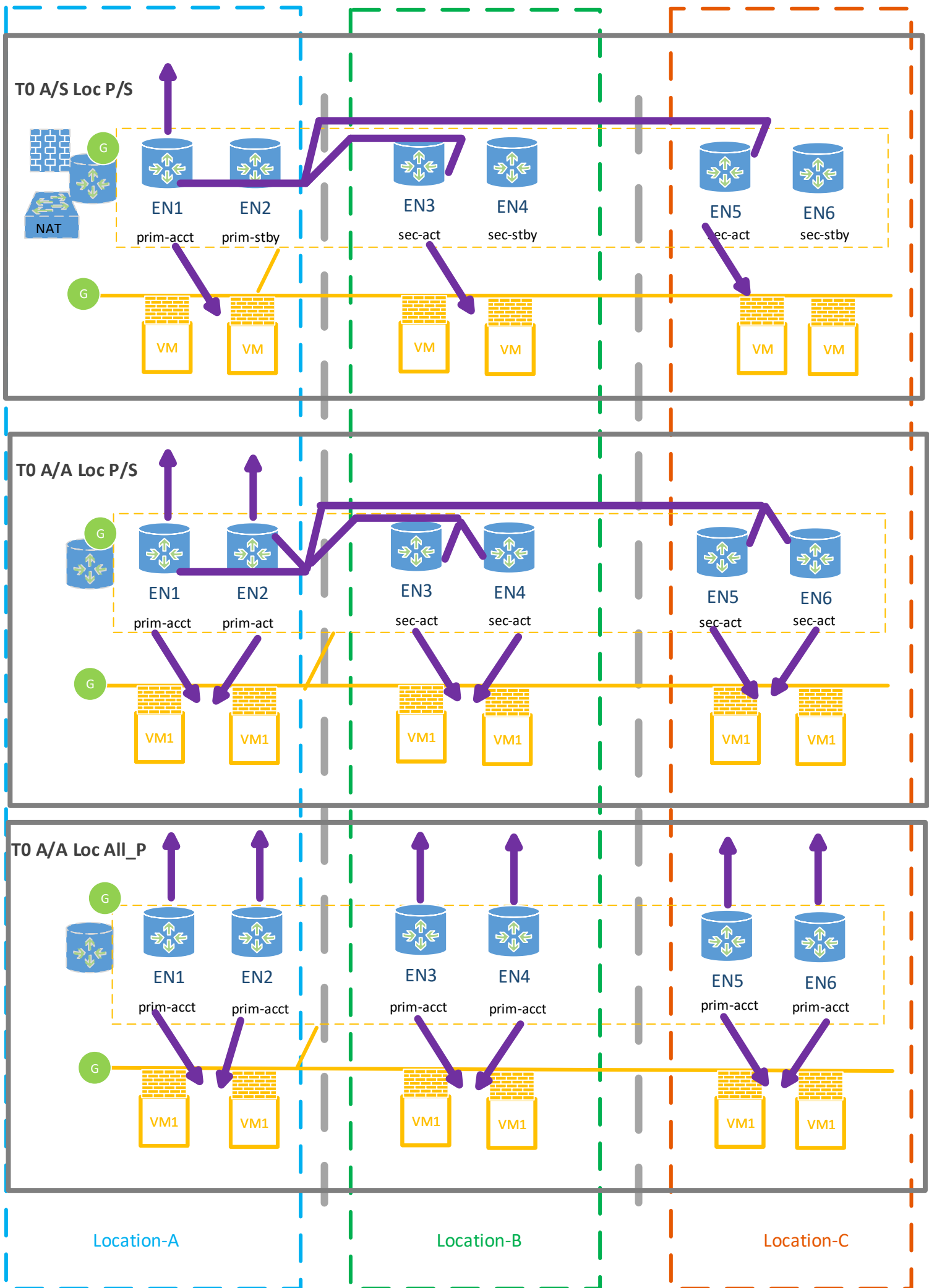
Cross-Location Logical and Physical Packet Walk

Cross Location Segment stretching is offered by Edge Nodes

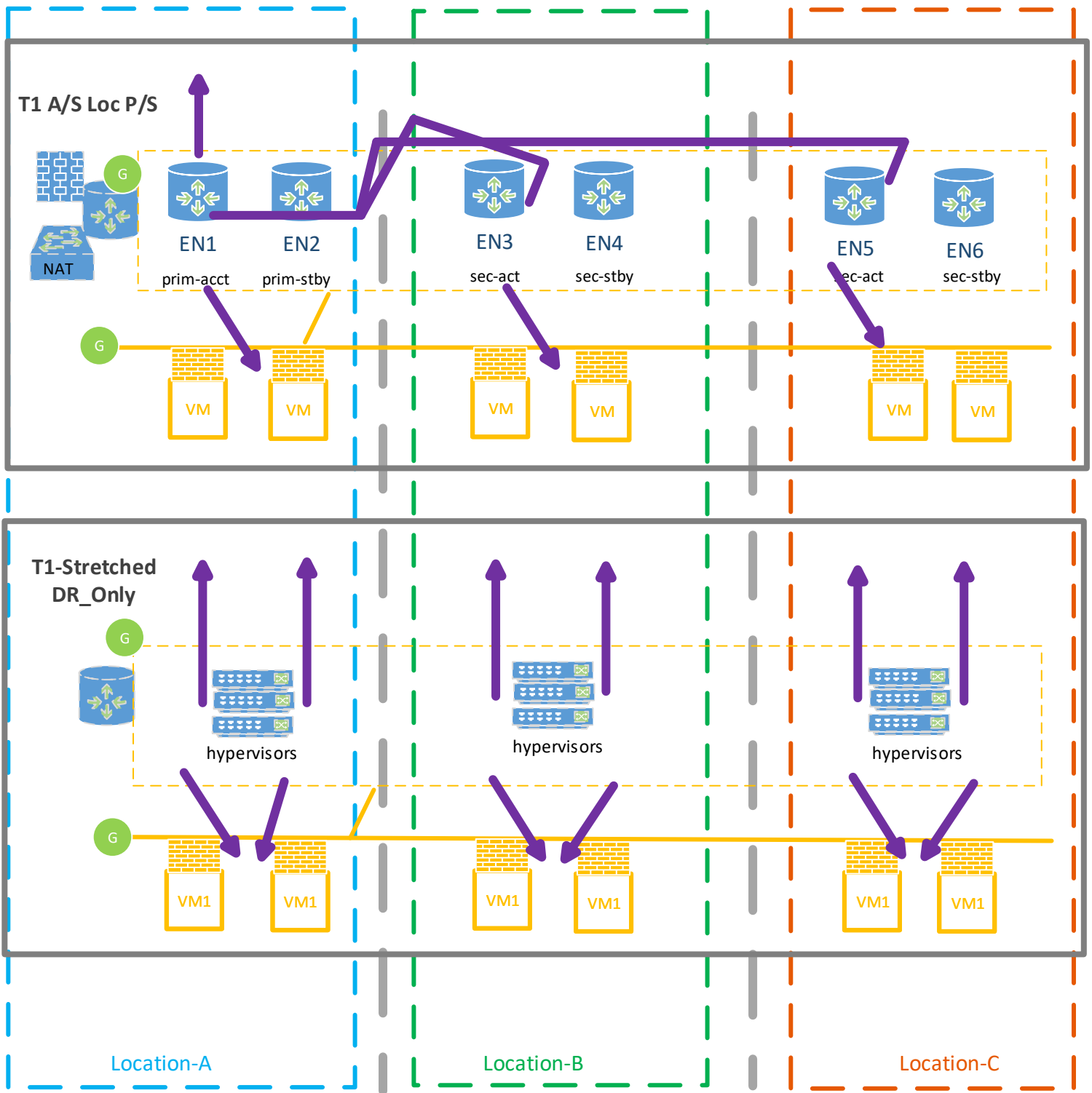
Each Segment Stretching is offered by specific Edge Nodes in Active/Standby



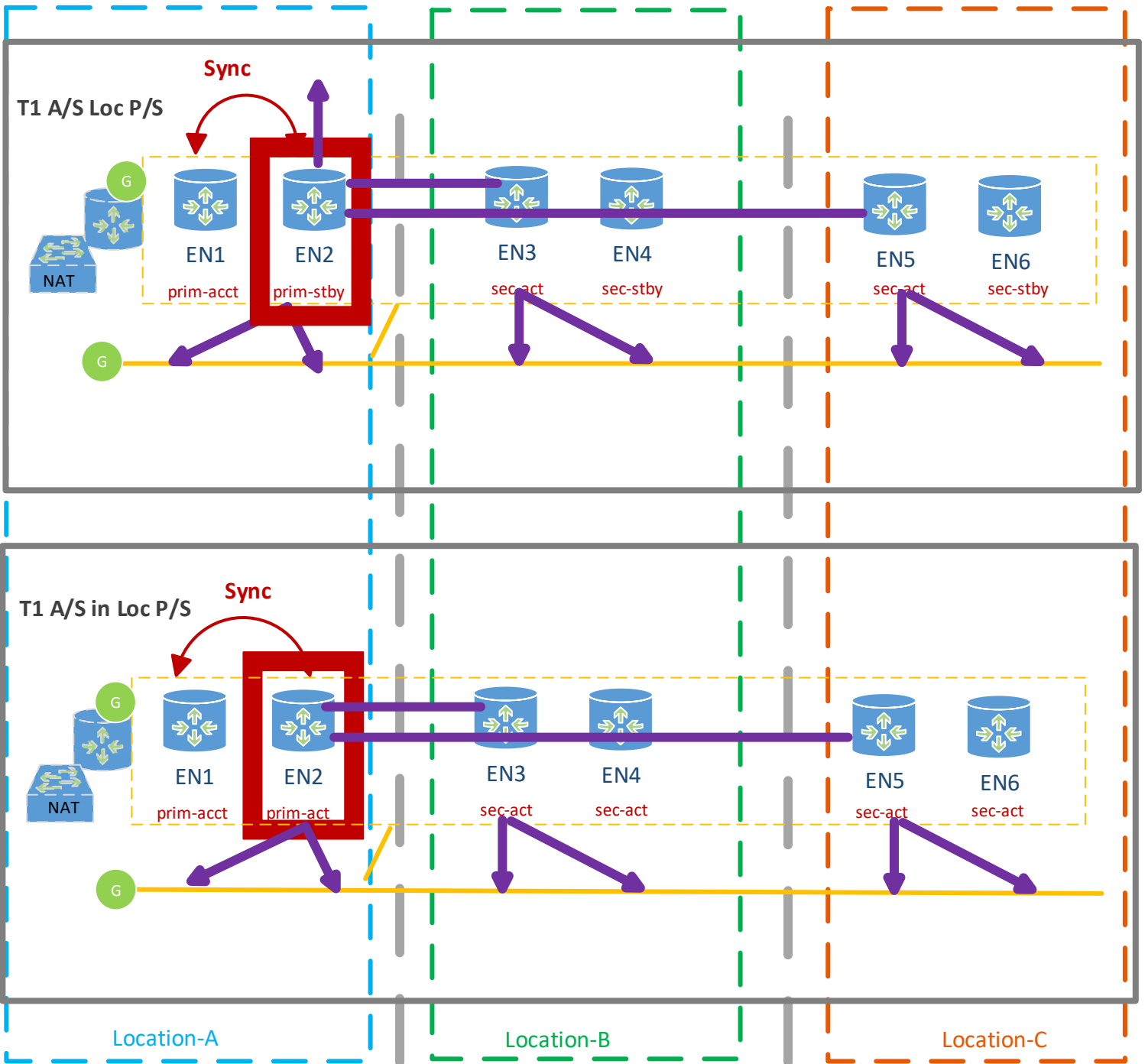
All Possible Tier-0 Configuration Options



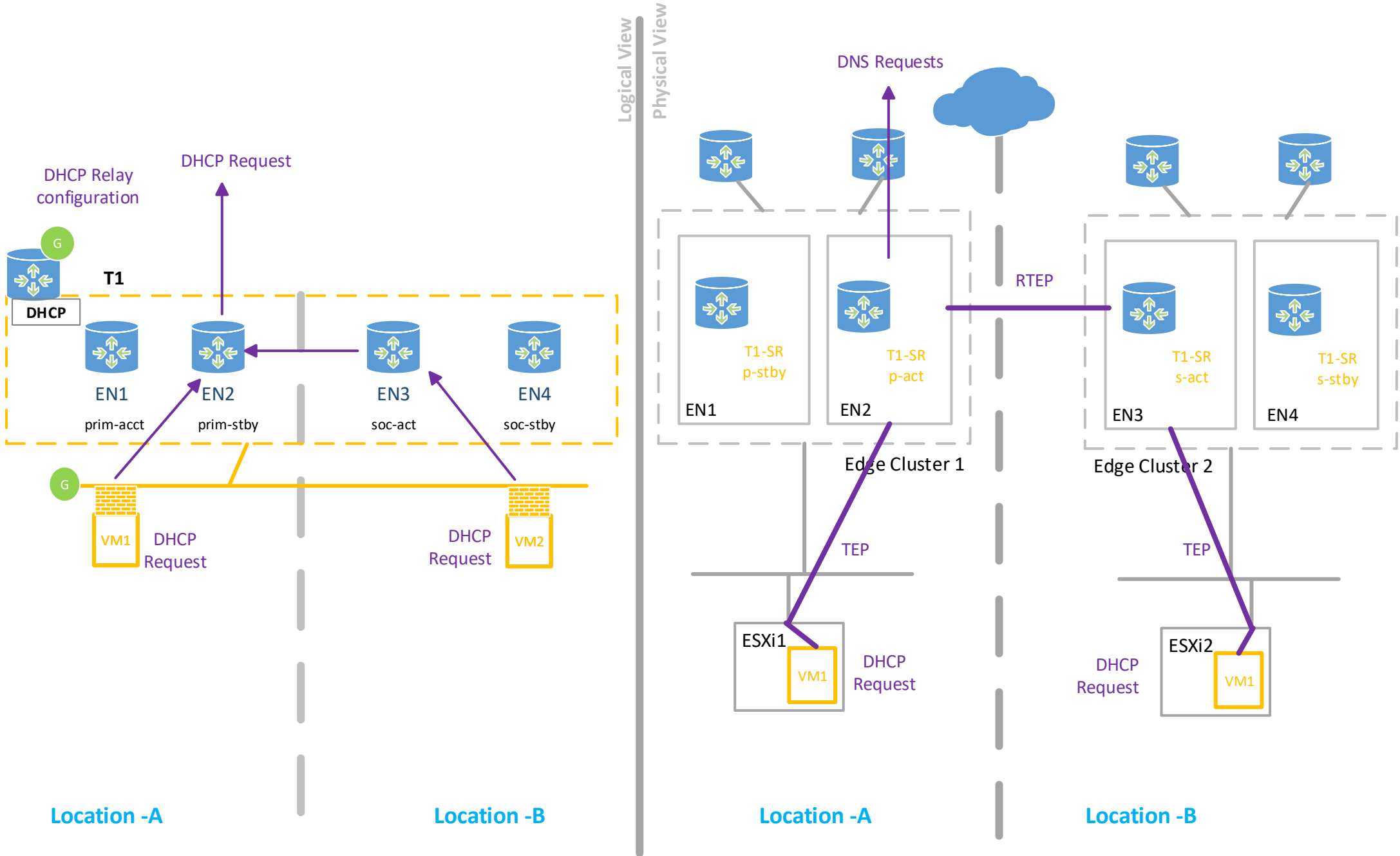
All Possible Tier-1 Configuration Options



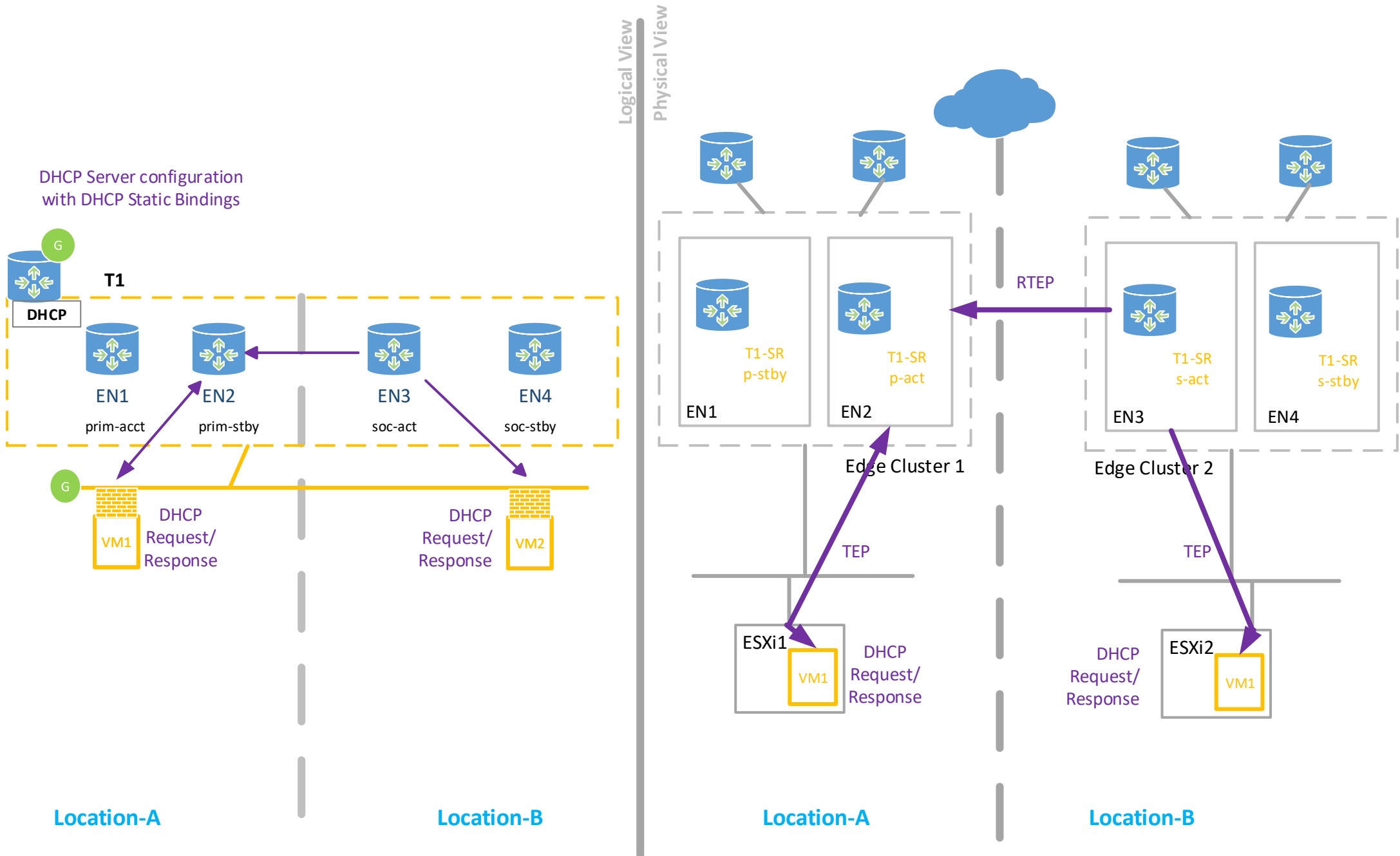
NSX Federation NAT Service



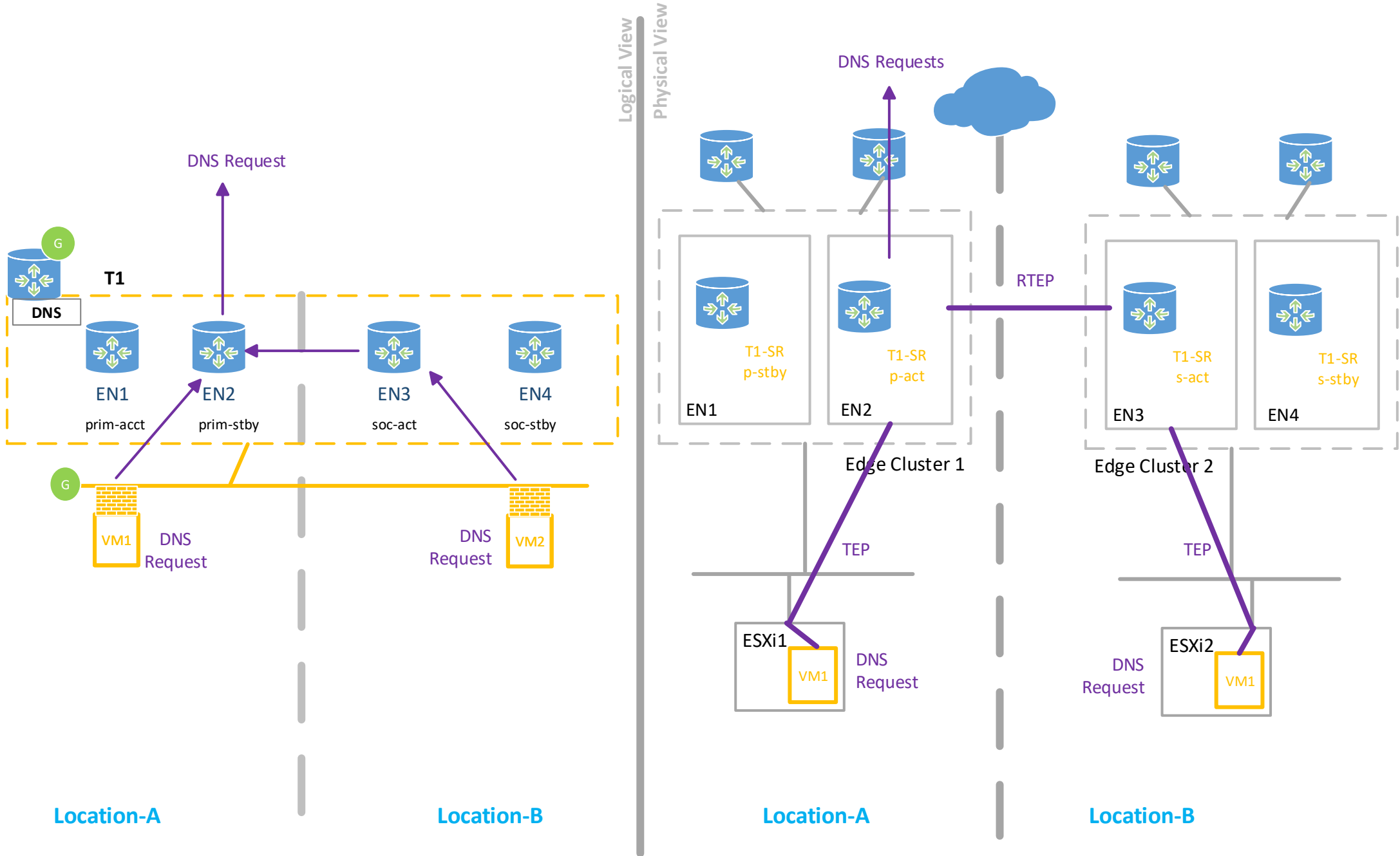
DHCP Server with DCHP Relay

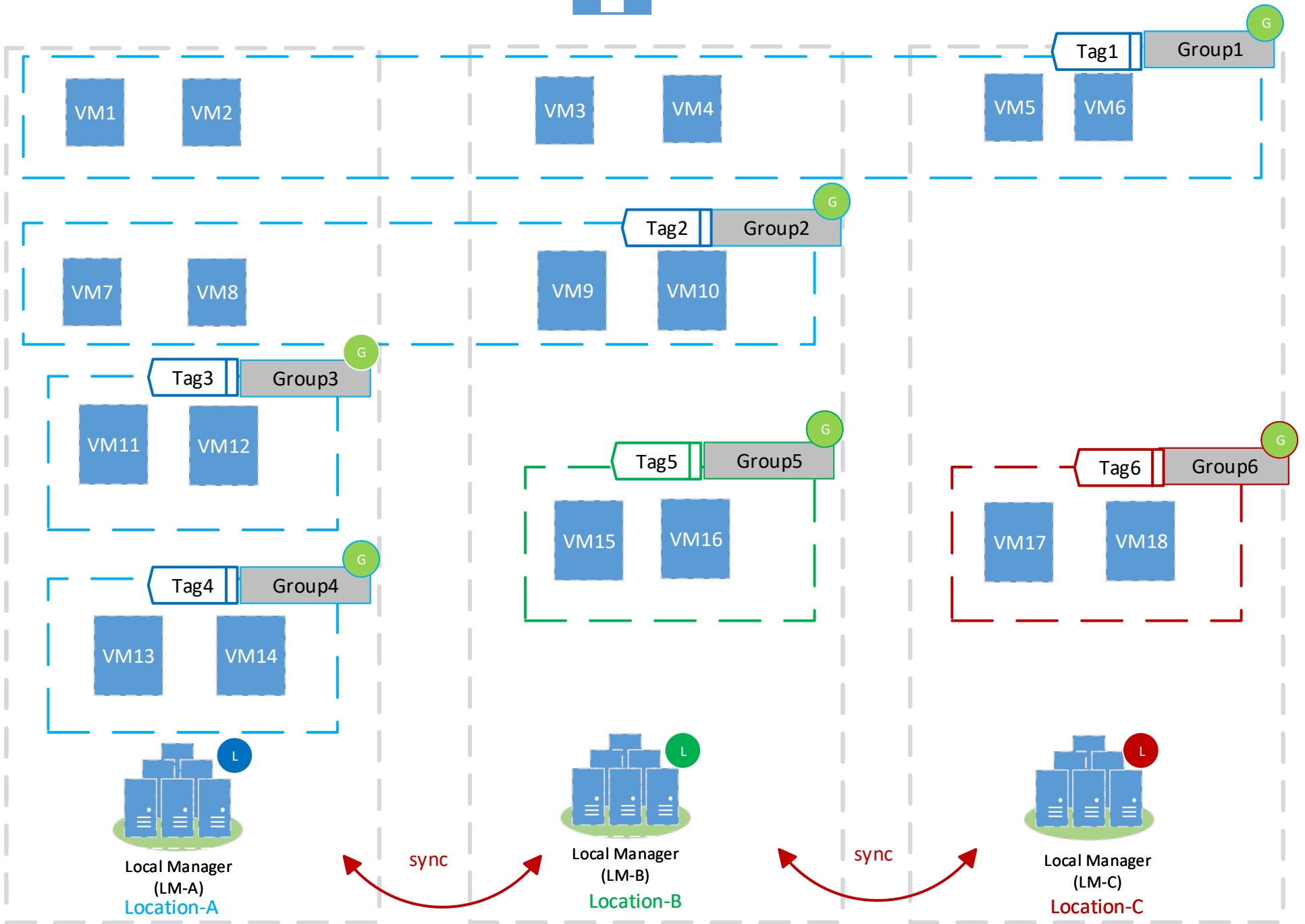


DHCP Server with DHCP Static Bindings

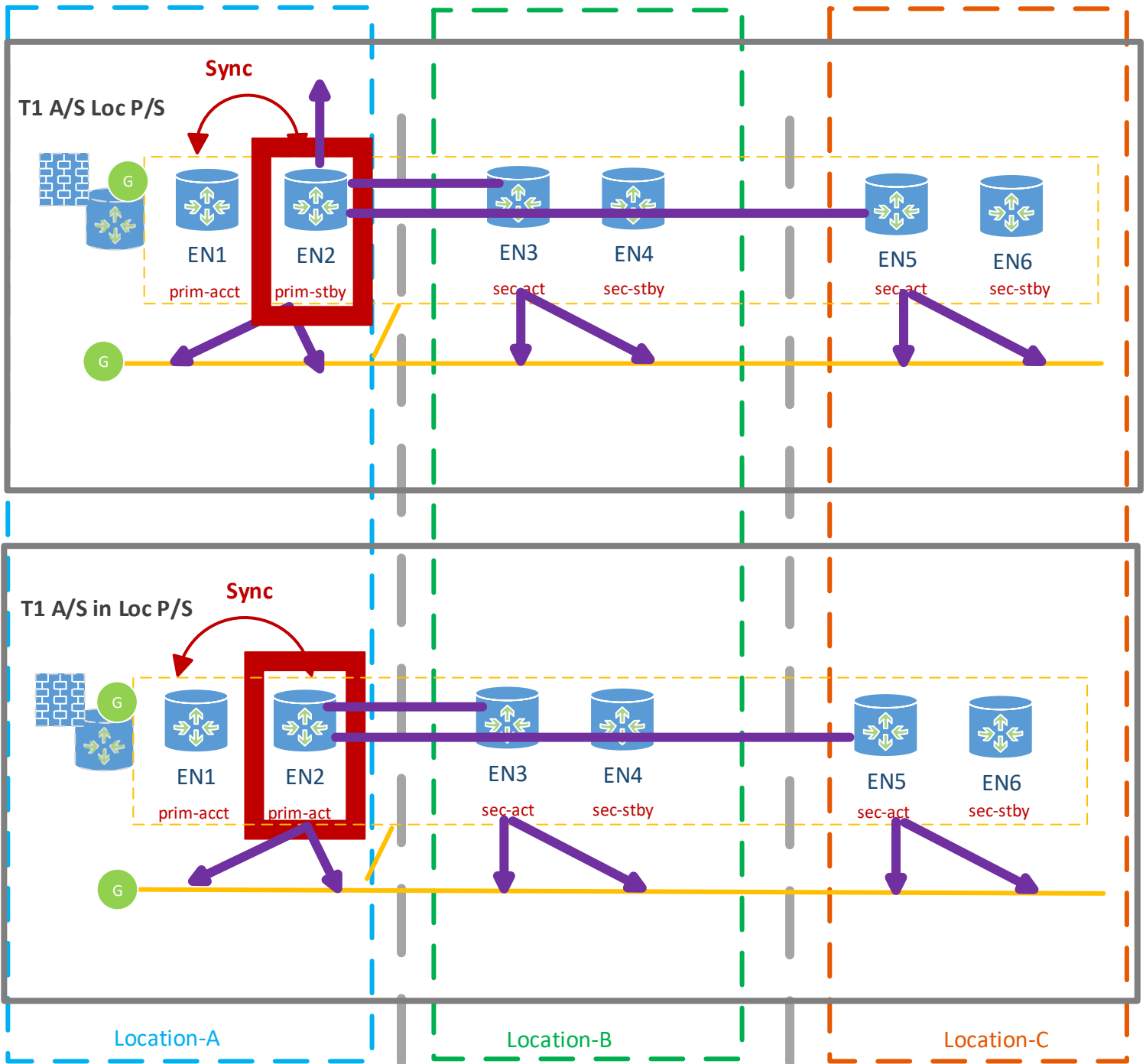


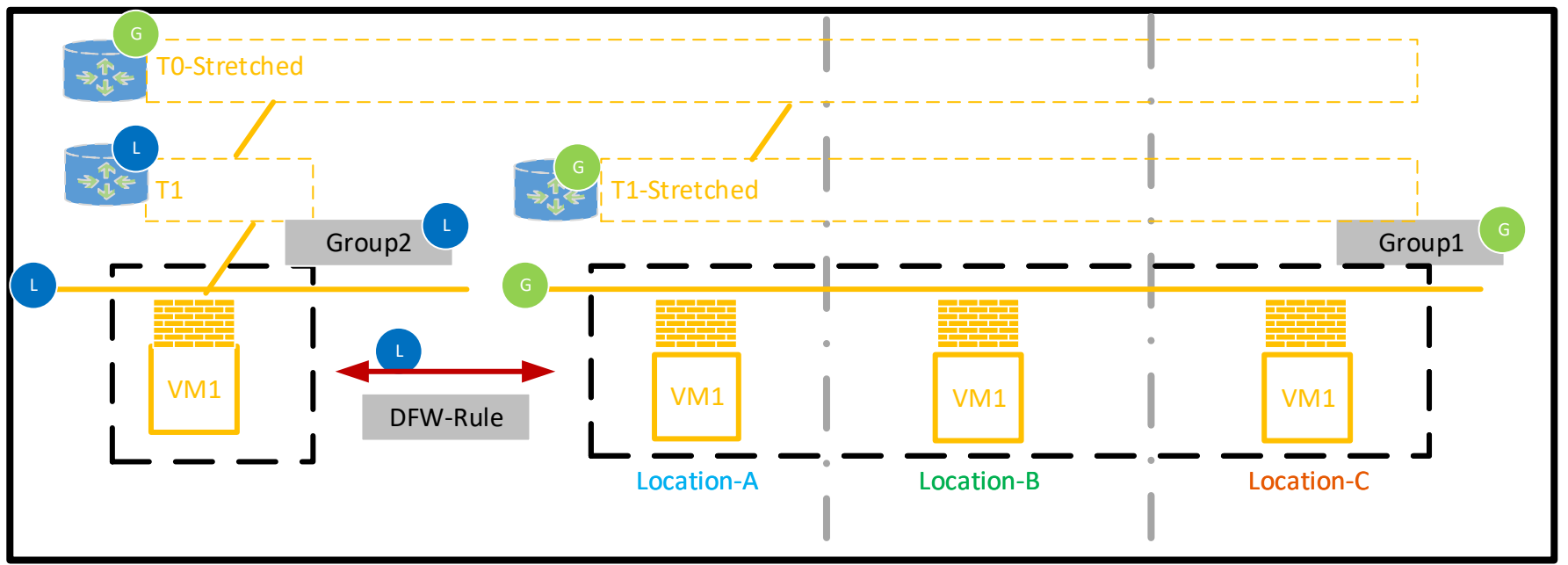
DNS Service





Gateway Firewall Service





Segment Stretched

