



## Section 4 - BGP and L3VPN

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# Task 4.5

- Configure L3VPN connectivity between the edge HQ DATACENTER and ORLANDO using the MPLS Core as the transit and configure to meet the following requirements:
  - Create a VRF named "INE\_DC" on R3 and R4 to identify HQ DATACENTER.
  - Create a VRF named "INE\_ORLANDO" on R6 to identify ORLANDO.
  - PE-CE routing protocol is BGP.
  - ORLANDO belongs to BGP AS 2526.
  - All HQ DATACENTER routes learned via OSPF must be advertised through BGP by R1 and R2.
  - Once complete, you must be able to ping from 150.26.26.26 to 100.0.1.254.
  - Configure AS 12 to ensure all traffic destined to 150.26.26.26 exits R2 --> R4 as the primary exit, R2 --> R3 as the secondary exit and R1 as the tertiary exit. Use a well-known discretionary BGP attribute.