

NFVI PoP network topology: Problem statement

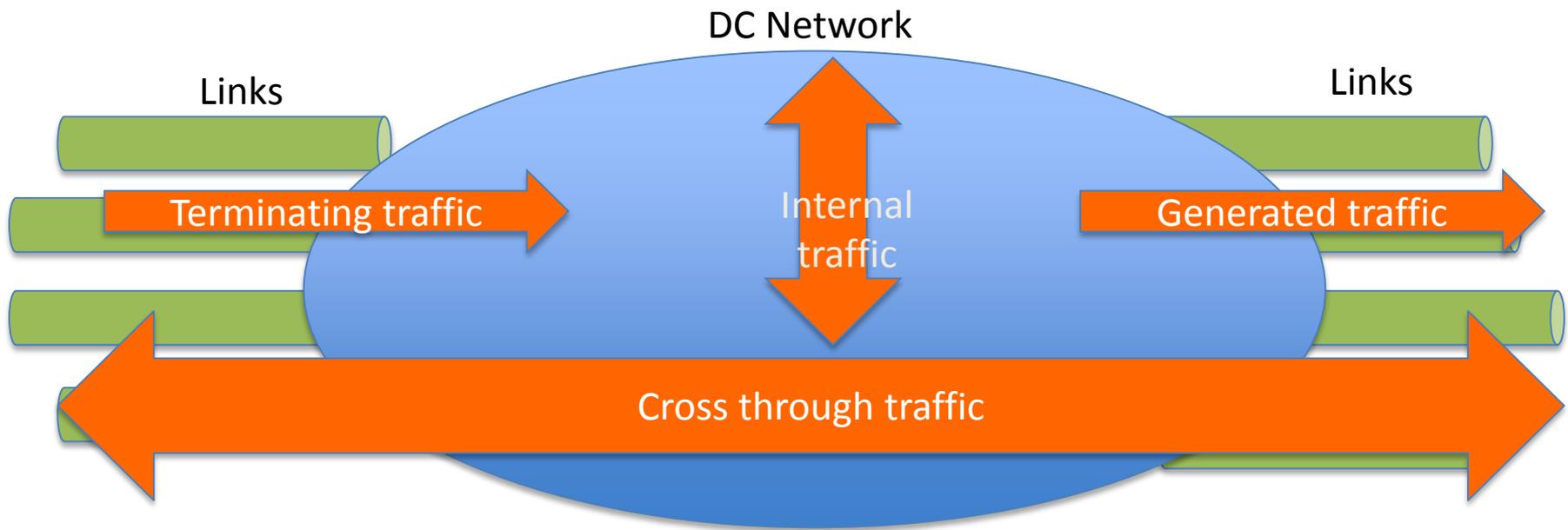
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IETF94 - Yokohama

Motivation

- NFVI PoP are datacenters
 - Processing and storage interconnected by the DC network
- Lot of work in datacenter networking
- Is current state-of-the-art data center networking suited for NFVI PoP network?
 - No obvious answer

Traffic patterns



Design considerations

- # external links
- # servers
- Traffic patterns
- SFC characteristics and deployment
- Locality
- Growth
- Direct and Indirect networks