

IP and DetNet service layer

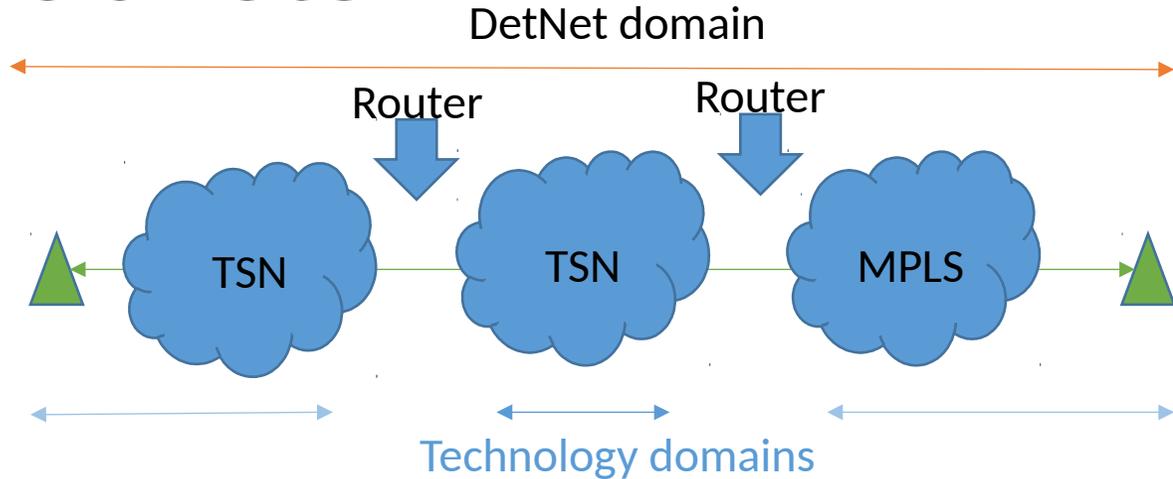
Based on an overdose of fresh & cold air ...

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IP-based E2E Detnet-tsn-flow over DetNet subnets



- Issue 1) Unless there is IP-level DetNet service layer options (seqnum, etc) available then end station has to be part of the “edge technology domain”.
- Issue 2) Edge nodes between technology domain.. If more than one then coordination between DetNet-tsn-Flows is FFS.

- Assumption 1) IP(+TP) 5-tuple (or similar) maps to a DetNet-aware subnet-layer transport.
- Assumption 2) DetNet-aware subnet-layer transport provides sequencing, elimination & duplication services, etc.
- Assumption 3) Technology domains are “independent” when it comes to Assumption 2)
- Assumption 4) control plane is e2e within the DetNet domain..