

draft-lbddd-cats-dp-sr

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Using SR-MPLS/SRv6 as the Tunnel from Ingress to Egress CATS Router

This draft describes a potential implementation of CATS using SR(SR-MPLS/SRv6) as the overlay encapsulation.

- **CATS Identifiers**
 - **CATS Service ID (CS-ID):** an anycast IPv4 or IPv6 address.
 - **CATS Instance Selector ID (CIS-ID):** can be a MPLS label or a SRv6 SID(e.g., END.X SID) pointing to an instance selector.
- **CATS Components:**
 - Required to support SR-MPLS or SRv6
- Realization of CATS workflow
 - Service Announcement: DNS
 - Metric Distribution: Out of scope of this document.
 - Service Demand Processing:
 - **Data plane: SR-MPLS/SRv6**
- Service Instance Affinity
 - TBD, should sync up with the discussion in CATS

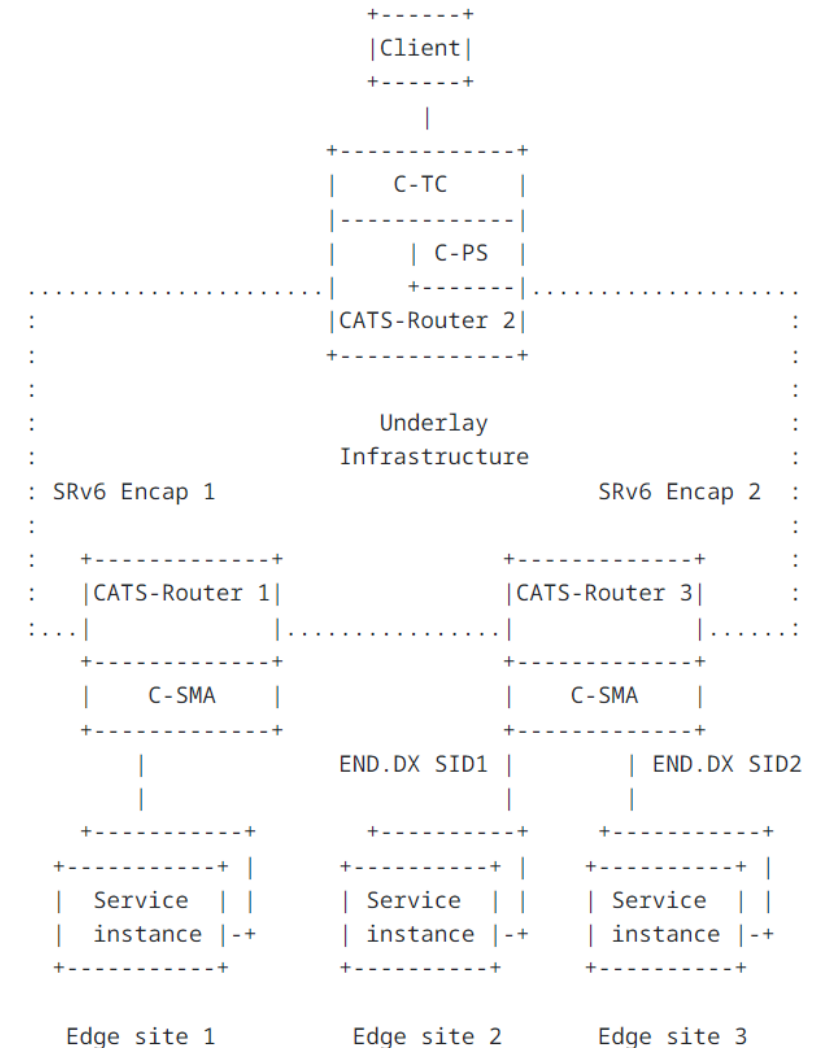


Figure 1: Using SRv6 in CATS