

Cats based on real locator

[draft-shi-cats-with-real-locator-01](#)

- Multiple Service Contact Instances(SCI) behind one egress.
- Need an locator for each service contact instance in the packet
 - Different interfaces(Router 3): End.DX SID
 - Same interface(Router 1): IP of SCI(**Real Locator**)
- Encapsulation of Real Locator:
 - Tunnel mode. Out DST IP = Real locator, Inner DST IP = Service IP.
 - Forward mode. Real locator in IPv6 extension header

