

Comcast use case for IPv6 SR

Comcast Use Case Details

- IPv6 widely deployed in Comcast
- Millions of home devices will only run IPv6
- Devices will talk to VMs in multiple data center (Comcast, 3rd parties)
- Need ability to handle certain types of traffic differently
 - title 6, best effort
- Need a solution which works across the home, local and remote SP networks, data centers and VMs.
- Need ability for home devices and VMs to apply SR header
 - Rather than network component
 - SDN
- IPv6 SR supports this use case.
 - Transparently works over v6 environments and gear which does not yet understand SR.
 - Enables incremental deployment and only for apps which need it.

Use Case Diagram

