

# Accessing IPv4 Multicast Contents in DS-Lite Environments

draft-jaclee-behave-v4v6-mcast-ps-03  
Section 3.1 (4-6-4 Use Case)

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# Context

- Current STB vendors and content providers have not committed on any IPv6 roadmap
- DS-Lite CGN technique is deployed to address IPv4 service continuity issues
  - Need to make sure new customers access IPv4 multicast contents from IPv4-only receiver
  - *a.k.a.* the STB in typical walled garden-designed live TV broadcasting service)

# 4-6-4 Use Case

- Access network is IPv6 multicast-enabled
  - To encourage IPv6 usage as much as possible
- IPv4 multicast source S is located upstream
  - Beyond the IPv6 multicast (access) network
- Make sure content is not multicast twice

