



# **ABR in MoQ - Redux**

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# Server Side ABR and SWITCH are similar

- Issue #1354 (formerly #1101) proposes a SWITCH message to enable more seamless client side ABR
- SWITCH is similar to Server Side ABR with 2 Tracks
- Proposal:
  - Add a Parameter to indicate a set of Tracks are alternatives
  - Add a Track Property to enable specifying an avg bitrate
  - Add a Subscription Parameter



# Timestamps would be nice



- WARP uses Group ID to keep Tracks in sync
- This is good, but doesn't always work, particularly for long Groups

# Prioritization Details

How does a publisher decide which Subscription to upswitch?



## ■ The Scenario (Example)

A VC where one Subscription is the focus in higher quality, with others in lower quality.

## ⚖ The Proposal

Use Subscriber Priority to indicate group importance. Higher priority means a lower quality step for that Subscription.