



# MoQ Transport Changes

[Moq-transport](#)

IETF 121 in Dublin, November 2024

# Changes between -05 and -06

[#498](#) Add SUBSCRIBE\_NAMESPACE

Now called SUBSCRIBE\_ANNOUNCEMENTS

[#494](#) Adds Peeps

Now called SubGroups

[#509](#) Remove Unnecessary 'Missing Group' status

[#491](#) Add MAX\_SUBSCRIBE\_ID to limit subscriptions

[#486](#) Add Delivery Timeout to subscriptions

## Changes between -06 and -07

[#581](#) Add a FETCH request to request Objects in the past

[#543](#), [#550](#) Update framing to be more like QUIC

[#533](#) MUST NOT close the control stream

[#530](#) Rename Peep to Subgroup

[#525](#) Clarify Subscribe/Announce interaction

[#521](#) Update Message types to fit in 1 byte for Objects

[#520](#) Changes Control Messages to be TLV, not TV

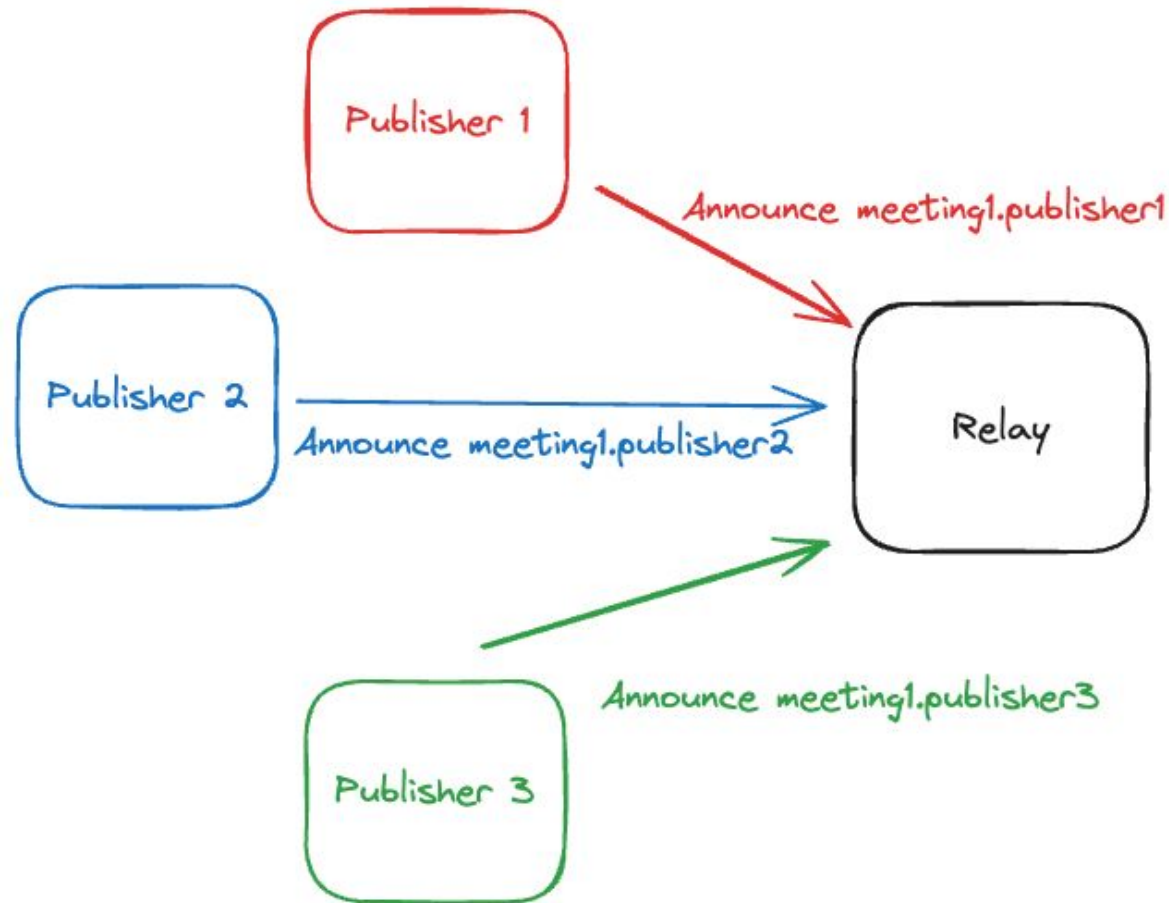
[#516](#) Remove Track Per Stream forwarding preference

## Changes since 07

[#593](#) Subscribes end at a group boundary

[#589](#) Clarify how FIN and RESET are used in MoQ

# How Announce works - SUBSCRIBE routing



Relays route via namespace

Namespaces must be unique for each publisher

It would be nice to get a list of publishers connected to this relay in "meeting1".

# **SUBSCRIBE\_~~NAMESPACE~~ANNOUNCES**

Tell the relay you are interested in a set of announcements based on a namespace prefix

If relay has matching announcements, relay sends them

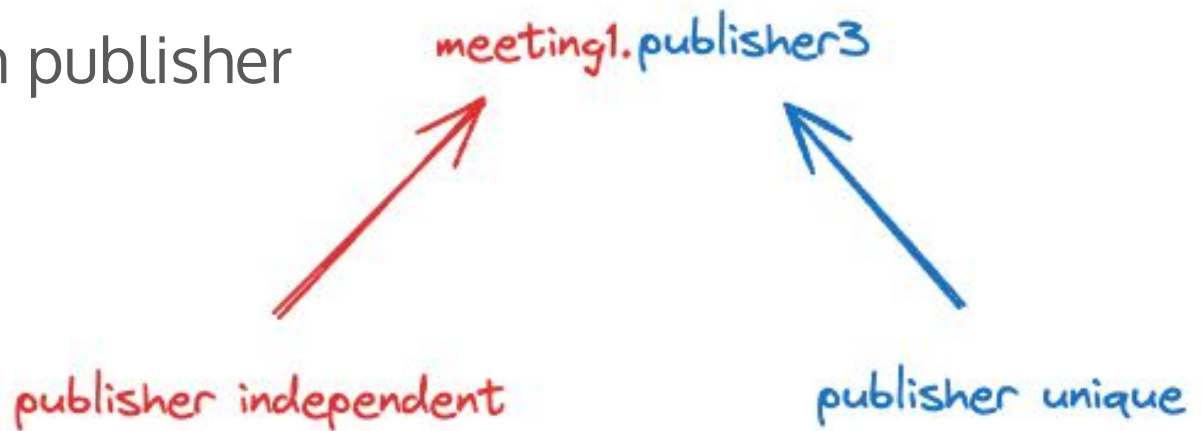
When new matching announcements arrive, forward them

If matching announcements end, forward that too

# How to match namespaces - tuples

Split Track Namespace into a tuple

Exact matching on publisher independent part



Namespace=( meeting1 , publisher3 )