



MSRP or Draft 0.9

Some comparisons

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Modified Draft 0.9 steps in the normal case

- Listener discovers by some unspecified means what the multicast address of the stream is. The RSVP Path message is one possibility.
- MMRP registration in Listener to Talker direction.
- SRP configures queues along Talker to Listener direction.
- Acknowledgement must be returned Listener to Talker before data can be transmitted.

MSRP: Required steps in the normal case

- Talker make offering declaration in Talker-to-Listener direction.
- Listener responds with Ready declaration. Queues configured as registration progresses from Listener to Talker.

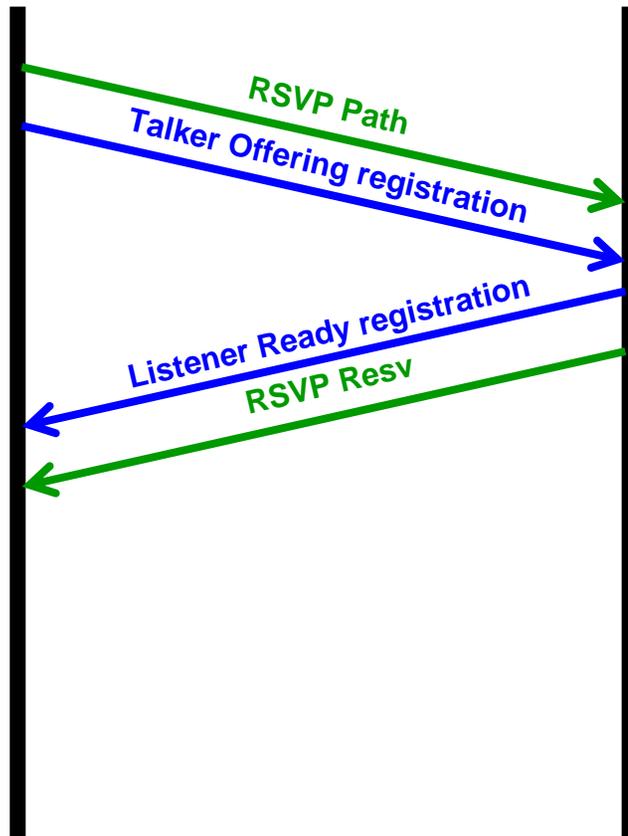
802.1Qat + RSVP: Required before transmit

(Order of RSVP vs. 802.1Qat is not specified – Talker cannot transmit until both protocols are happy.)

MSRP

Talker

Listener



Modified Draft 0.9

Talker

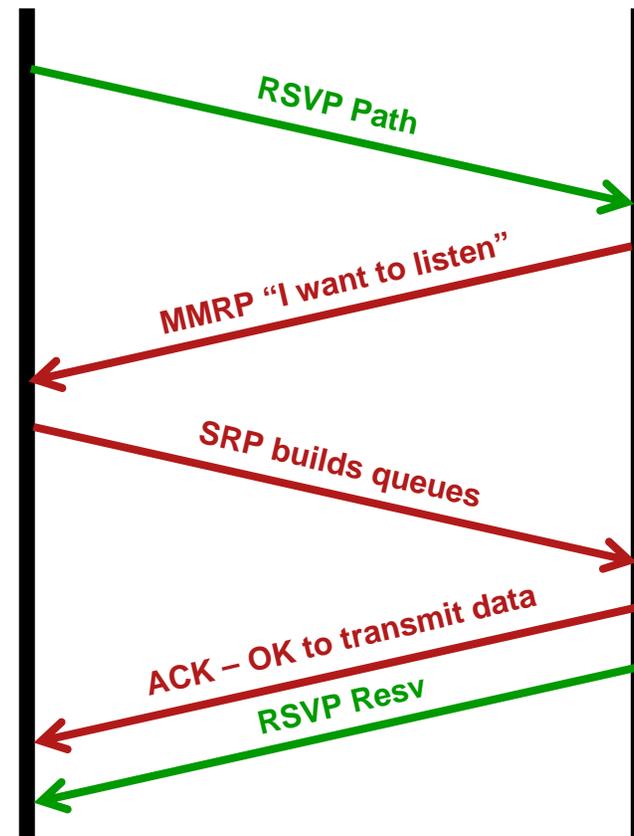
Listener

1

2

3

4



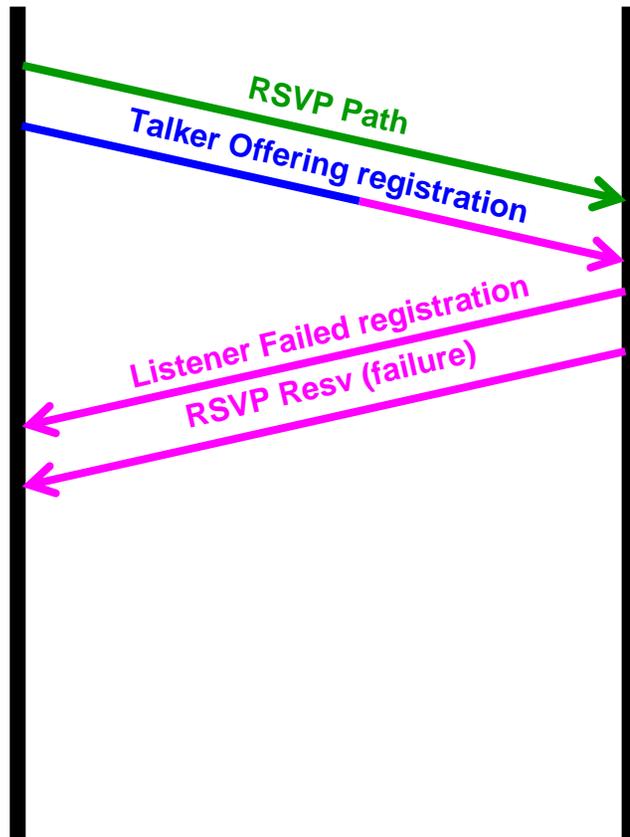
802.1Qat + RSVP: Failure case 1

(Order of RSVP vs. 802.1Qat is not specified – Talker cannot transmit until both protocols are happy.)

MSRP

Talker

Listener



Modified Draft 0.9

Talker

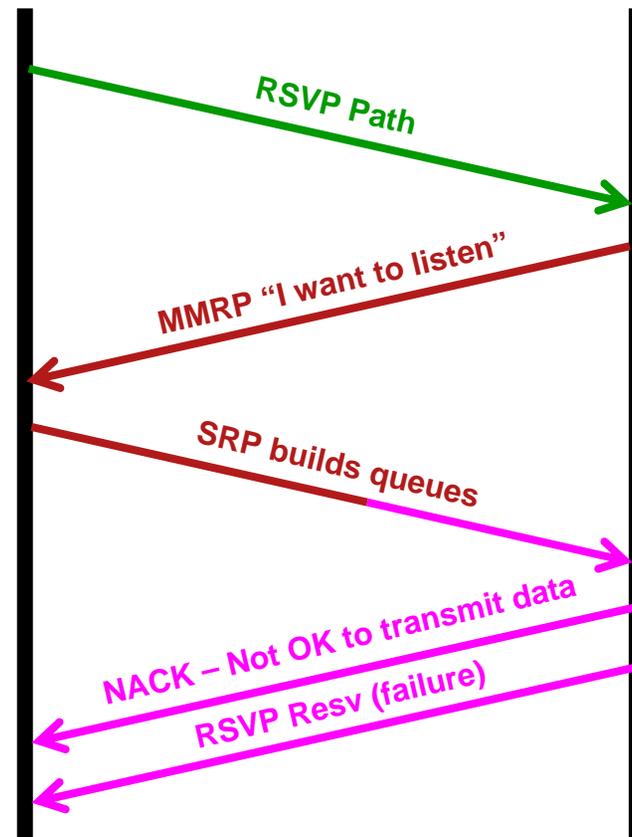
Listener

1

2

3

4



Initial MAC address notification step

- **One can argue about whether the initial step of learning the MAC address of the stream should not be counted against the modified D0.9. We could consider this step a requirement, rather than a step in the process.**

Summary

- **NO FAILURE CASE**

MSRP requires two steps: offering, ready.

**Modified D0.9 requires three or four steps: (notification),
MMRP, SRP, Ack.**

- **FAILURE CASE**

MSRP requires two or three steps: offering, (ready), failure.

**Modified D0.9 requires three or four steps: (notification),
MMRP, SRP, NAck.**

