

Frame Priority Marking RTP Header  
Extension:  
draft-even-avtcore-priority-  
markings-00

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# Priority flags for frame marking for non-scalable streams

- Adds priority values for the non-scalable streams droppable frames
  - The issue was discussed on the mailing list and in the AVTCore session in IETF99. The recommendation was to submit a draft.
- Propose an update to the frame marking header extension in draft-ietf-avtext-framemarking.
- Allow the middle box to discard part or all the discardable frames as marked by the encoder. Provide more options for changing the bit rate on congestion.
- Allow differentiation between referenced and non referenced B-frames. Drop first non referenced B frames.
- Dropping P frames that are closer to the end of GOP is better than dropping one at the beginning. Can be marked as droppable with lowest priority.

# Priority flags for frame marking for non-scalable streams

- Suggest adding two bits from the 4 MUST be zero bits when 00 is the highest drop priority and 11 is the lowest. This works even if priority is present but not supported by the middlebox.
- Does not break any interoperability with the current frame marking proposal.

# Next steps

- Asking the WG to adopt this work