RTP Media Stream Pause / Resume

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IPR Disclosure

› For referred draft-westerlund-avtext-rtp-stream-pause
  – http://datatracker.ietf.org/ipr/1641/ (Ericsson)
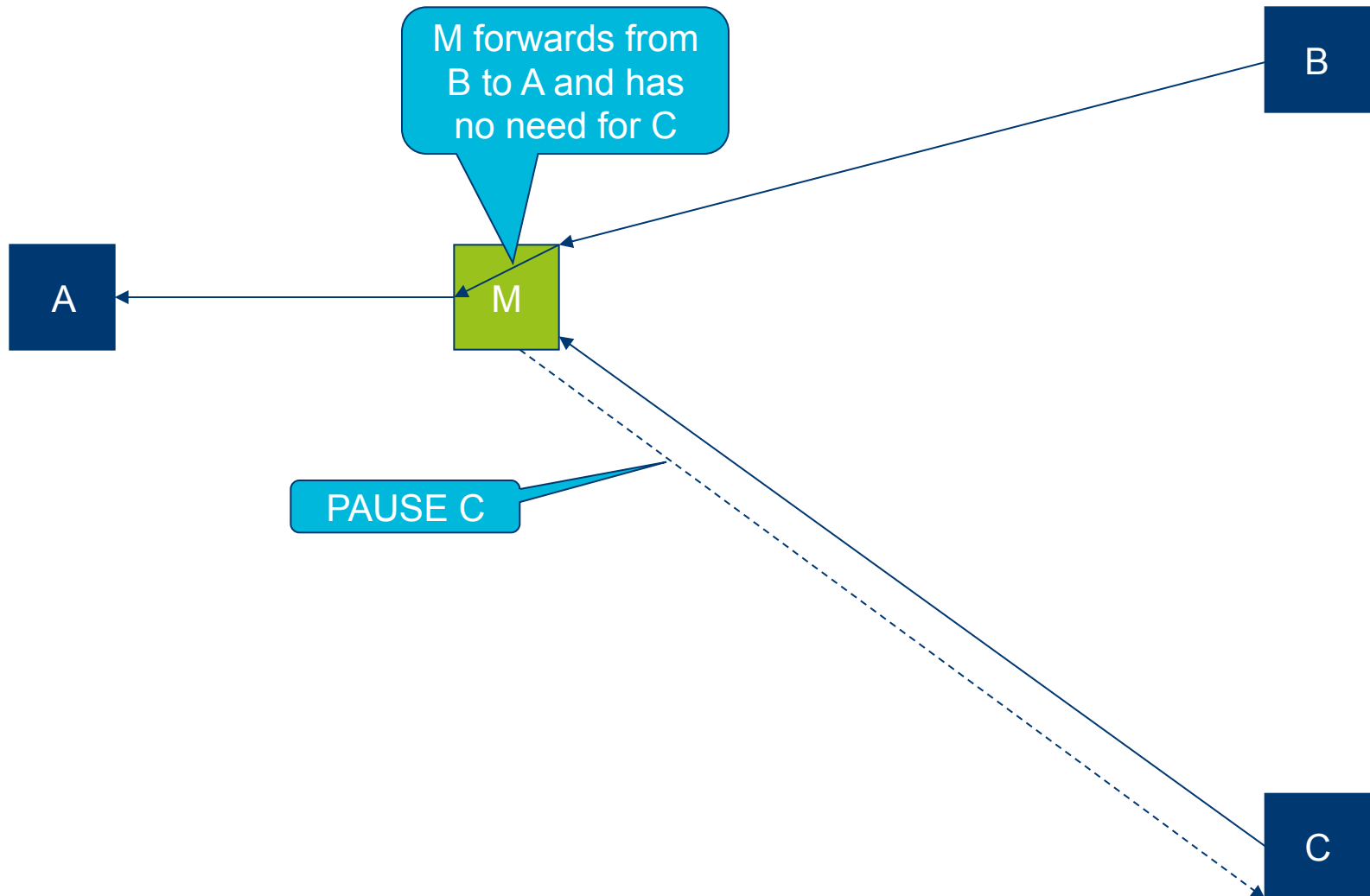 – https://datatracker.ietf.org/ipr/1935/ (Microsoft)

Changes Since -04

› Improved and detailed text on use of the simplified mode where TMMBR/TMMBN are used for pause and resume
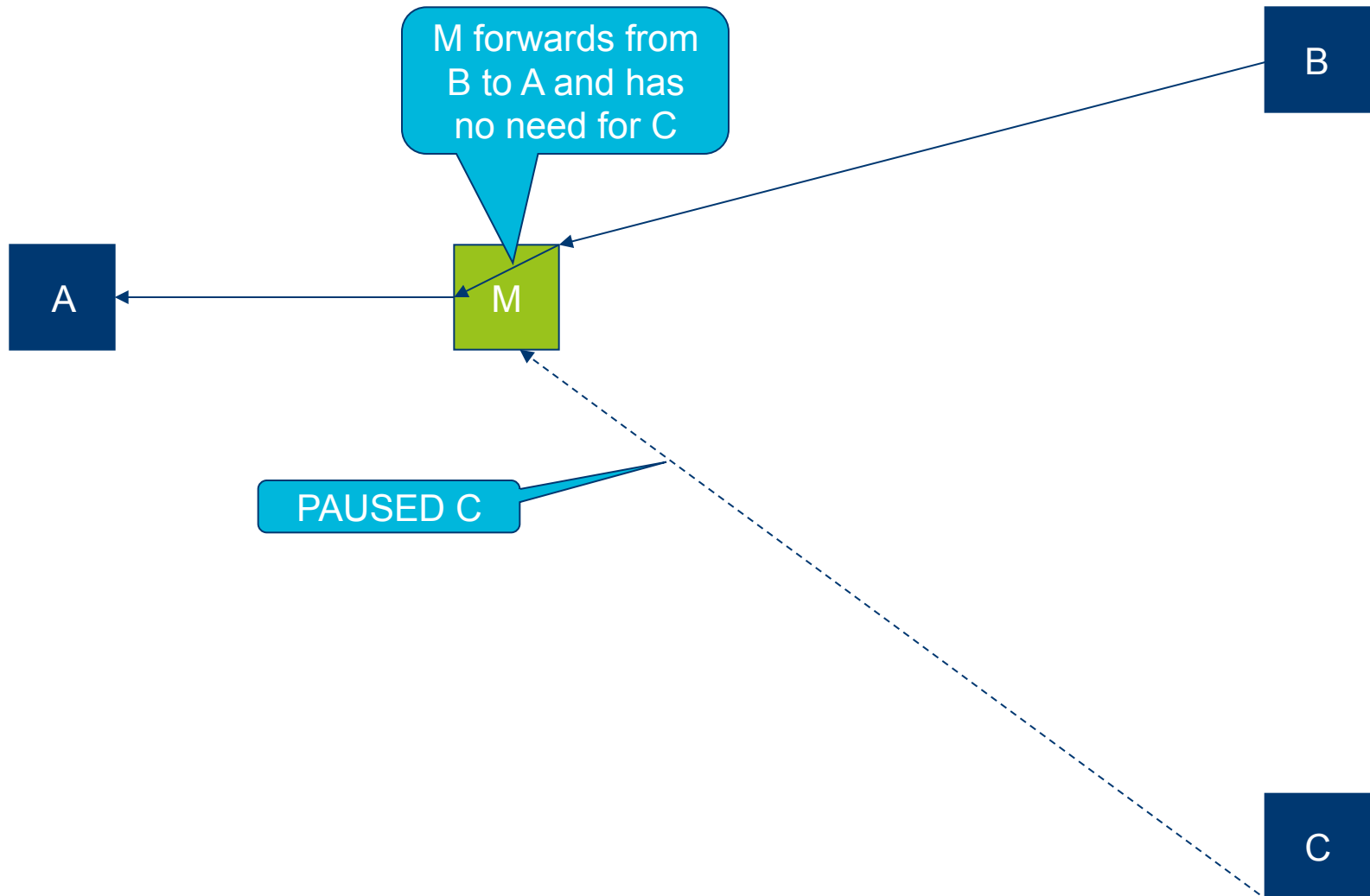
› Editorial improvements

Presentation Goal

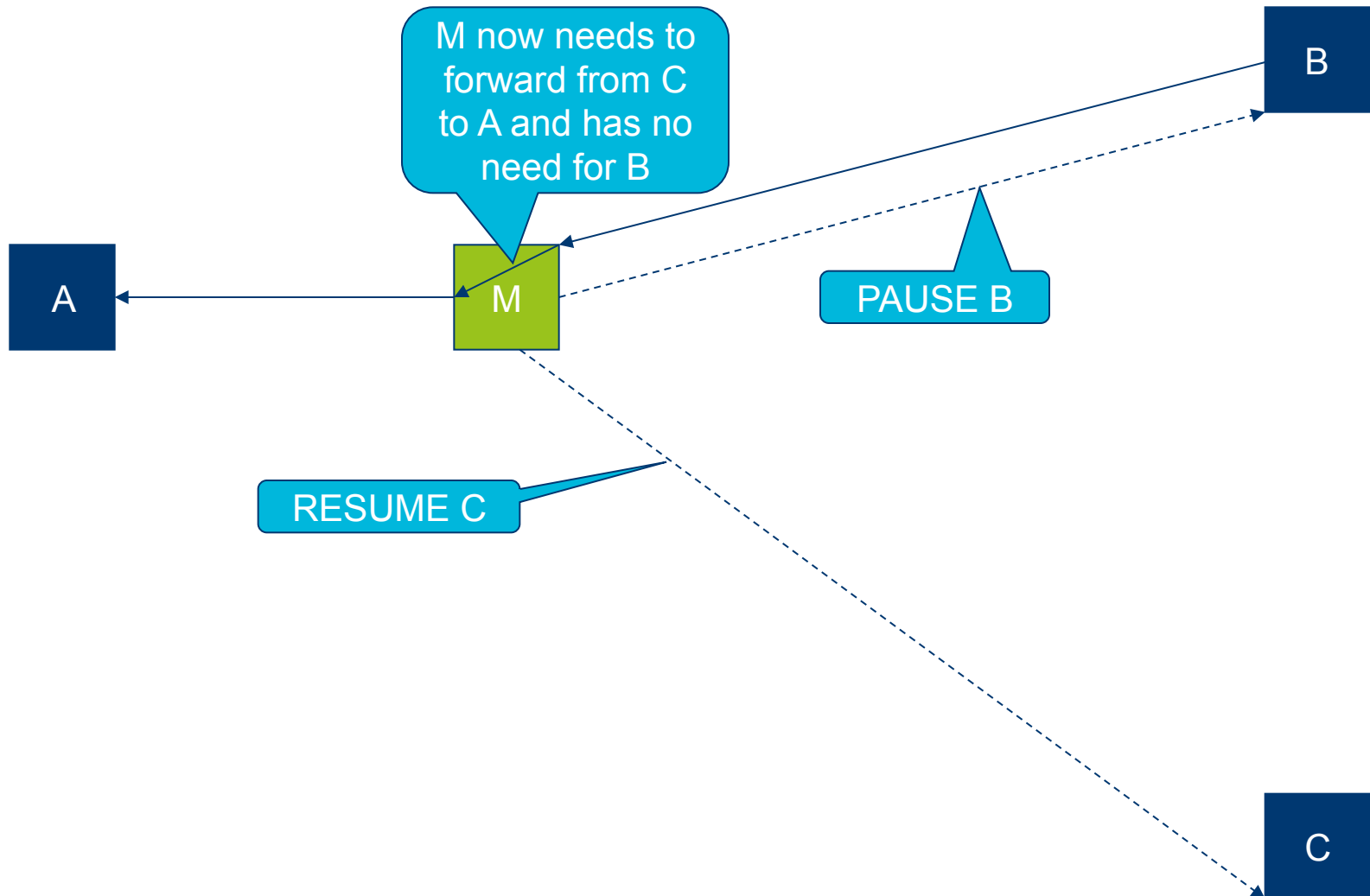› Brief recapitulation of the problem

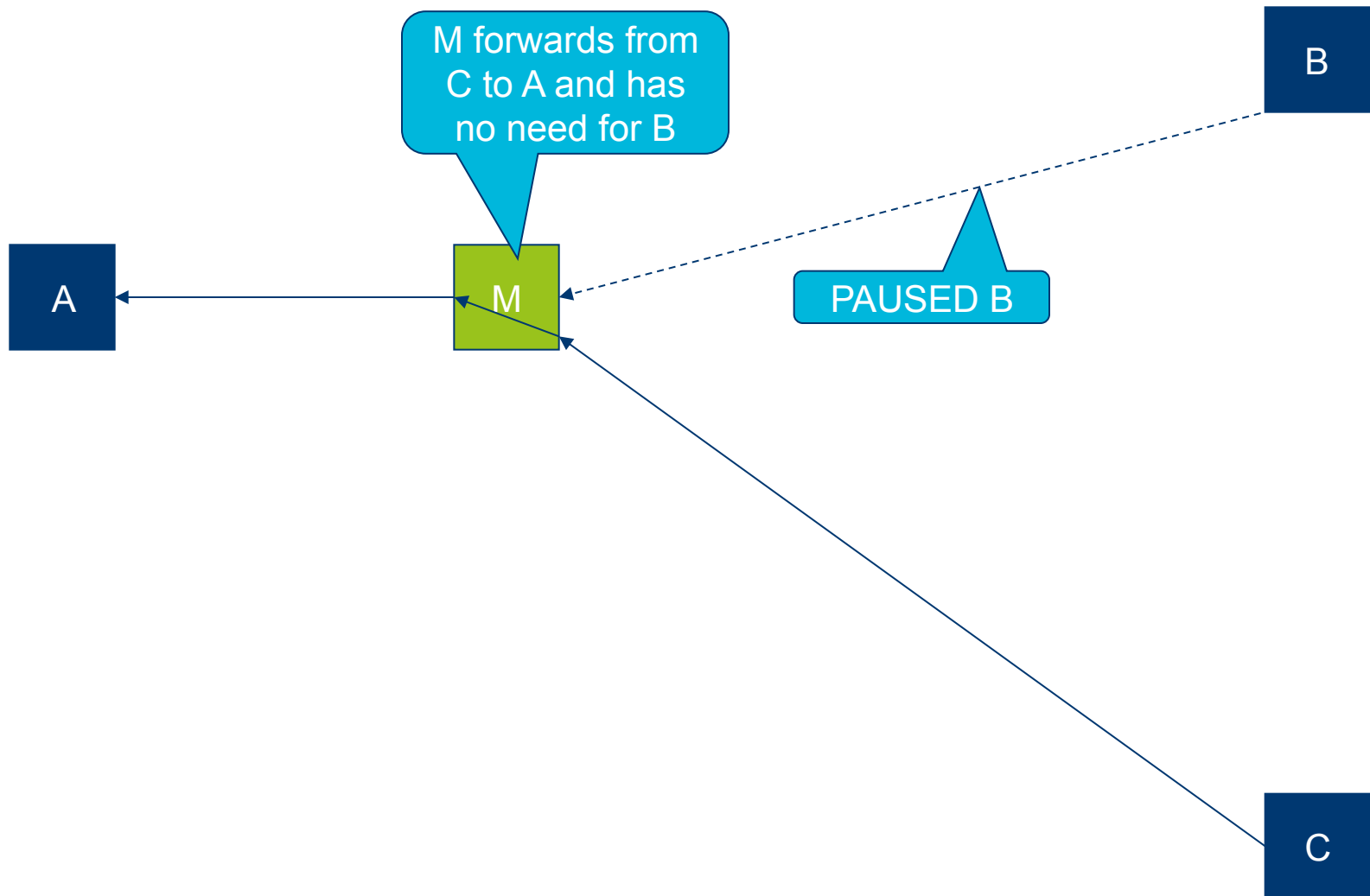› WG consensus on way forward

Pause Problem Overview (1)

Pause Problem Overview (2)

Pause Problem Overview (3)

Pause Problem Overview (4)

Two Solution Modes

› **Generic**

› Supported Topologies
  – Any

› Pause = PAUSE
  – Delayed media action
  – Can be refused

› Paused = PAUSED

› Resume = RESUME

› Refuse = REFUSE
  – Both for PAUSE and RESUME

› New SDP signaling
  – a=rtcp-fb:* ccm pause
  – a=rfcp-fb:* ccm paused

› **Simplified**

› Supported Topologies
  – Point-to-point
  – Mixer

› Pause = TMMBR 0
  – Immediate media action
  – Cannot be refused

› Paused = TMMBN 0

› Resume = TMMBR >0

› Refuse = TMMBN 0
  – For Resume (TMMBR >0) only

› Existing SDP signaling
  – a=rtcp-fb:* ccm tmmbr

Way Forward

› Propose adoption as WG draft