

RTP Handling for SIPREC

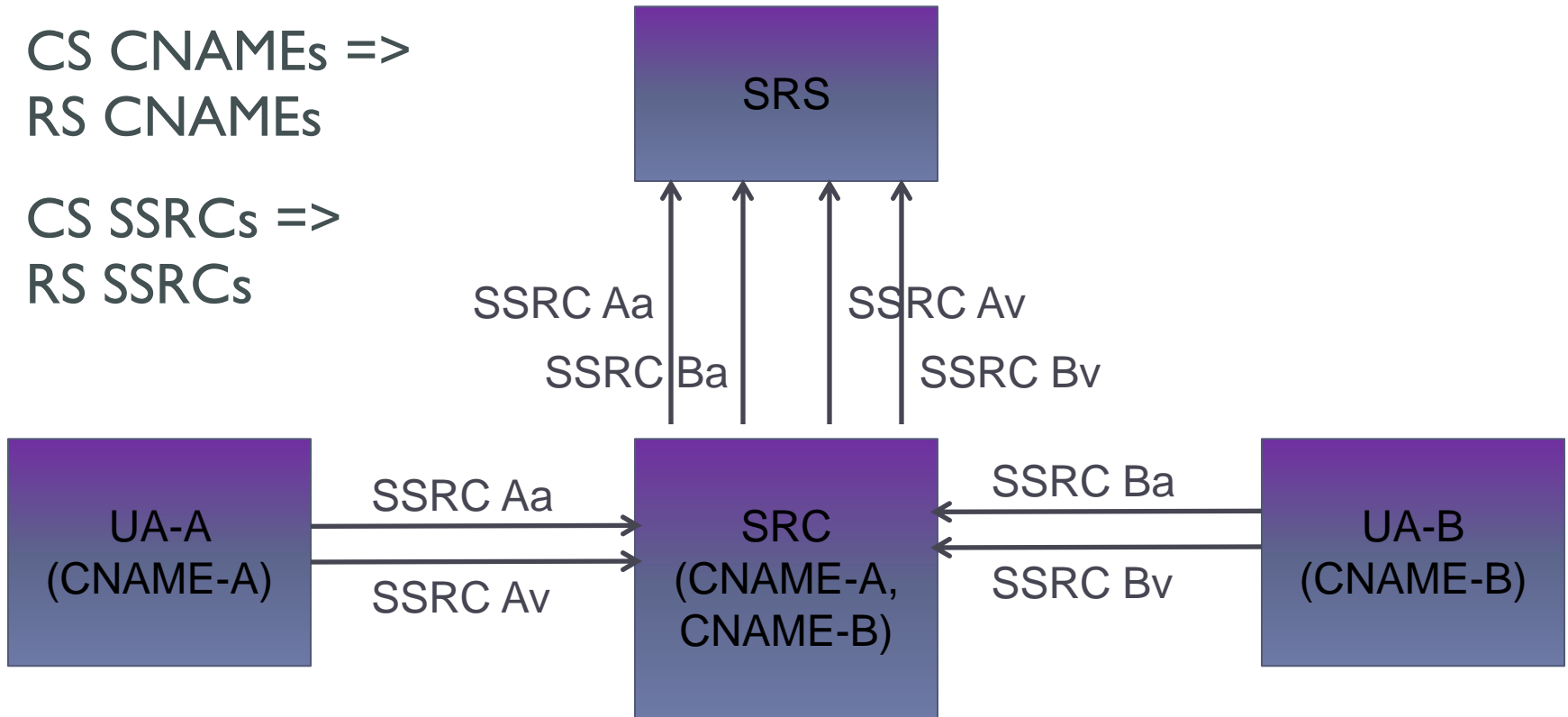
(draft-ietf-siprec-protocol-08)

Charles Eckel (eckelcu@cisco.com)

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SRC Using Multiple m-lines

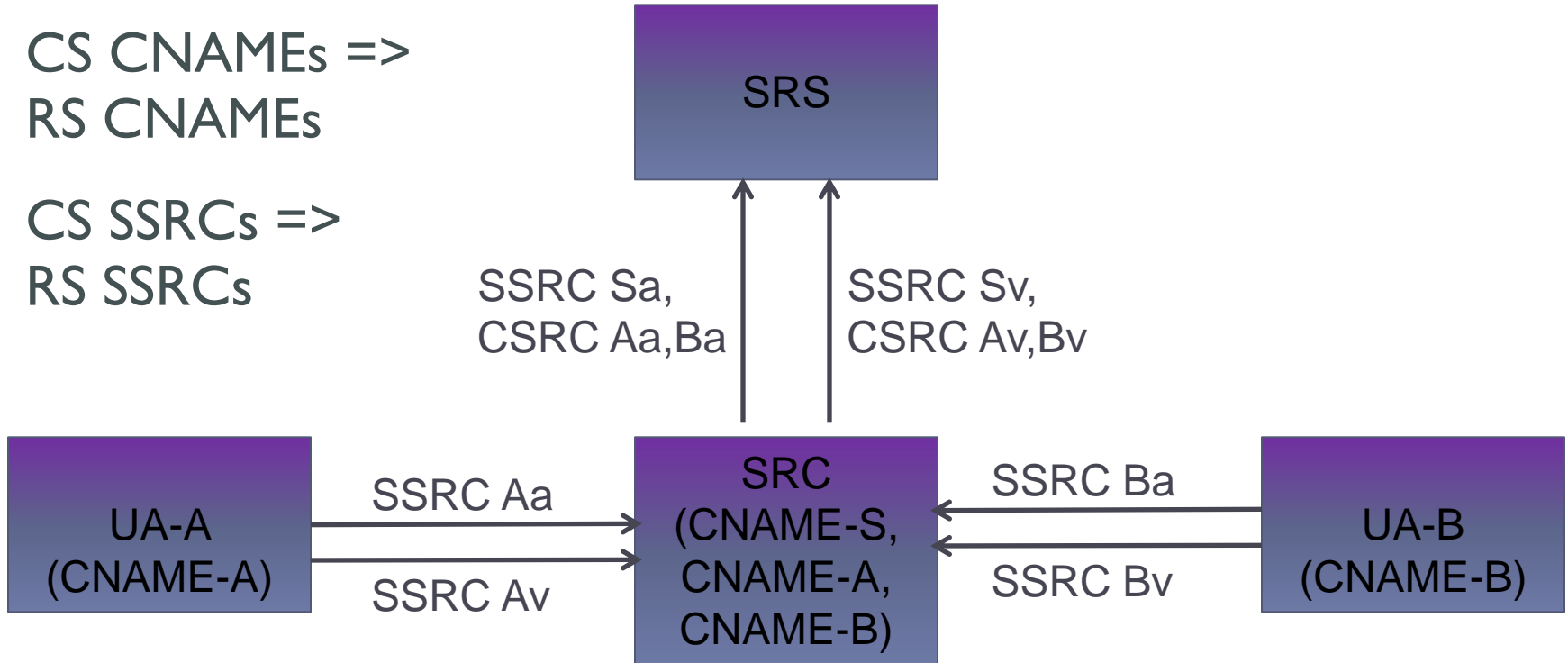


- ▶ If SRS does not support, it rejects one or more m-lines, and SRC might choose another option.

SRC Using Mixing

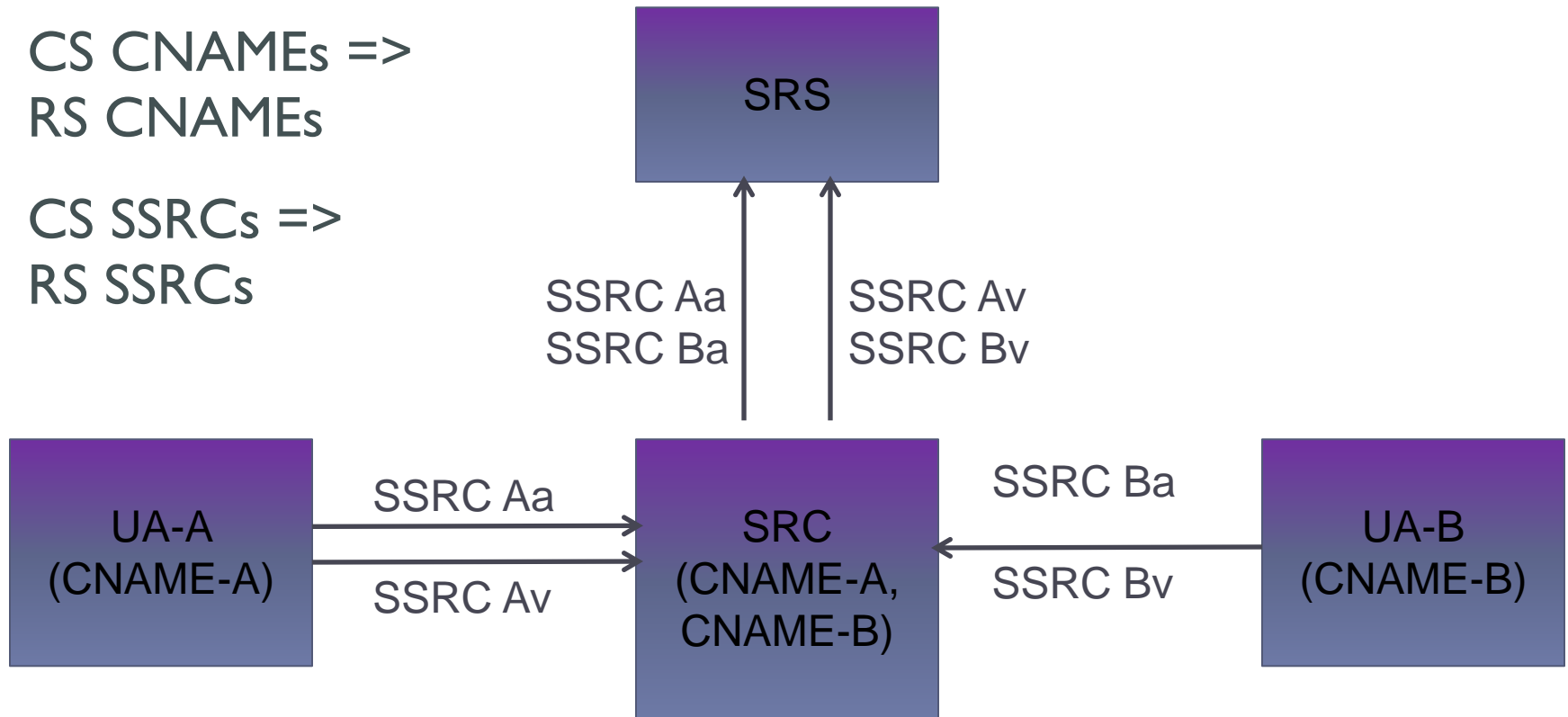
CS CNAME_s =>
RS CNAME_s

CS SSRC_s =>
RS SSRC_s



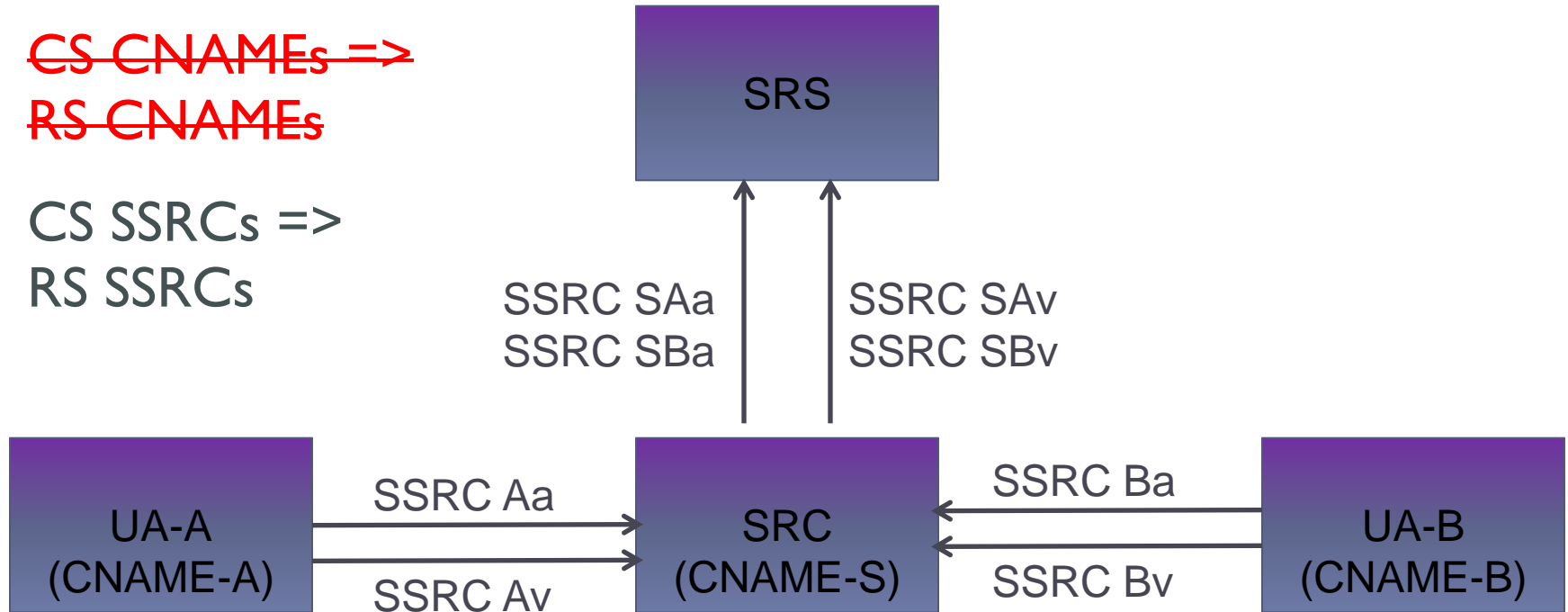
- ▶ If SRS does not support CSRC, it relies on metadata
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SRC Using SSRC Multiplexing (Forwarding)



- ▶ If SRS does not support, SRC finds out through RTCP receiver reports and might choose another option

SRC Using SSRC Multiplexing (Transcoding)



- ▶ If SRS does not support, SRC finds out through RTCP receiver reports and might choose another option
- ▶ SRC may need to rewrite SSRCs to avoid collisions
- ▶ SRS relies on metadata as CNAME is not preserved

TODO

▶ RTP Session Usage

- ▶ Should any specific RTP session usage be recommended or prohibited?
- ▶ What happens if UA is sending mixed stream already to SRC?

▶ Correlation between metadata and RTP?

- ▶ CNAME/SDES/SSRC/CSRC may/may not be used by UAs

▶ SRTP/Keying Mechanism

- ▶ Mention in security section that EKT may be used to interwork with SDES without requiring media decrypt/encrypt by SRC
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