

New Revision of the Interactive Connectivity Establishment (ICE)

draft-ietf-mmusic-rfc5245bis-03
draft-ietf-mmusic-ice-sip-sdp-04

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Updates since -02

- Clarified in terminology about ICE o/a:
RFC3264 o/a is just one way to do it
- Recommended Component IDs for non-RTP session
 - Start 1; increase by 1
- Restored recommendations about ICE restarts
 - must change uname/password, etc.
- Editorial fixes

Connectivity Check (STUN transaction) Pacing

- (still) need to update pacing value for non-RTP traffic
 - Currently: 500 ms
 - Decided: the choice needs to be measurement driven
- Still looking for new info

Updated Offer with SIP/SDP

- When ICE is finished, should send new SDP offer/answer with the selected candidates?
- Proposal: indicate in offer/answer
 - ice-option-optional: yes/no (from last meeting)
 - New: if **answerer** indicates “yes”, offerer **MUST** do updated o/a?
 - And same for “no”?

ICE nomination

- RFC5245: agents can send media on any valid candidate pair
 - No need to wait for USE-CANDIDATE
- Deprecate aggressive nomination?
- Continuous nomination?
 - Can trickle new candidate any time
- See text proposals from Justin Uberti & Emil Ivov

Unexpected ICE (SDP) answer

- B2BUA and 3PCC can cause SDP answer for a call where ICE was used to **not** contain ICE candidates/pwd/ufrag
- Text proposal from Thomas Stach
 - “Don’t drop dialog if ICE goes missing (3264 fallback); ICE restart when ICE back in SDP”
 - Reviews? Comments?