ICE Option Tag

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What is this draft?

- SIP related extensions to support ICE
  - An option tag (ice)
  - A media feature tag (sip.ice)
- Use cases
  - Registration – UA informs registrar if it supports ICE
    - Allows incoming ICE calls to proxy to go to "ICE gateway" if receiving devices don't support ICE
    - Uses media feature tag
  - INVITE – Require far end to support ICE
    - Useful if default candidate really shouldn't be used – would choose something else if I know you are not ICE
    - Uses option tag in Require

Important to Note

- Initial motivation was offerless INVITE
  - UAS can construct its offer with ICE if UAC indicating ICE support, otherwise not
  - However this does NOT work – fails in 3pcc cases where UAC and answerer are not the same
  - This use case is not described
- Option tag not used with Supported, just Require
  - Media feature tag in REGISTER
  - ICE attributes themselves in offers
  - Media feature tag in OPTIONS response (not documented!)
- Worried about two tags with similar meaning – try to separate cases
  - Media feature tag refers to actually doing ICE
  - Option tag refers to an empty specification that you support if you also do ICE

Questions/Comments?