draft-ietf-mediactrl-call-flows-01

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Changes

- Flows updated according to latest drafts
- Enriched CFW establishment
  - K-ALIVE and common mistakes
- New scenarios
  - Sidebars
  - Floor Control
- Security Considerations
  - Sample flows
Control Channel Establishment

- Added some text and diagrams
- K-ALIVE
  - Example of keep-alive handling
- Common mistakes
  - Wrong Dialog-ID in SYNC
  - CONTROL instead of SYNC as 1\textsuperscript{st} transaction
  - Others needed?
Sidebars

- References RFC4597 and RFC5239
  - XCON requirements and framework
  - Currently addressed in CCMP and XCON call flows
- Sidebars only addressed at the media level
  - Application-level details are out of scope
- Scenario with four participants in a conference
  - Sidebar created for two of them
  - Main conference in background (30% volume)
Floor Control

- References RFC5567
  - Two topologies available (FCS location)
- FCS co-located with the AS
  - A Participant (request) and a Chair (decision)
Floor Control: Signaling

UAC

INVITE (SDP: RTP+BFCP)

---->

AS

match
floors | floors
& labels -->

200 (SDP: RTP'+BFCP'+labels)

<--

UAC

ACK

-->

AS

ACK

<--

MS

<<>>>>>>>>>>>>>>>>>>>>>>>>>>> RTP MEDIA

<<STREAMS >>>>>>>>>>>>>>>>>>>>>>

<<******** BFCP CHANNEL ********>>

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Security Considerations

- Scenario to address security considerations
  - Two Application Servers, a single Media Server
  - AS1 and AS2 stepping on each other's feet
- Simple flows
  - Audit requests (IVR and Mixer)
  - Unauthorized <dialogterminate>
  - Unauthorized <join> to a conference
- Do we need something else?
Recording

- Session recording hot topic in DISPATCH
  - MEDIACTRL definitely fits in
- Already some scenarios in call flows
  - Echo test based on recording
  - Phone Call recording (two approaches)
  - Conference recording
- Do we need more on this?
  - e.g. scenario with recording-only business logic
Questions?
Further discussion?