

draft-ietf-mediactrl-call-flows-01

Alessandro Amirante

Tobia Castaldi

Lorenzo Miniero

Simon Pietro Romano

(University of Napoli Federico II/Meetecho)



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

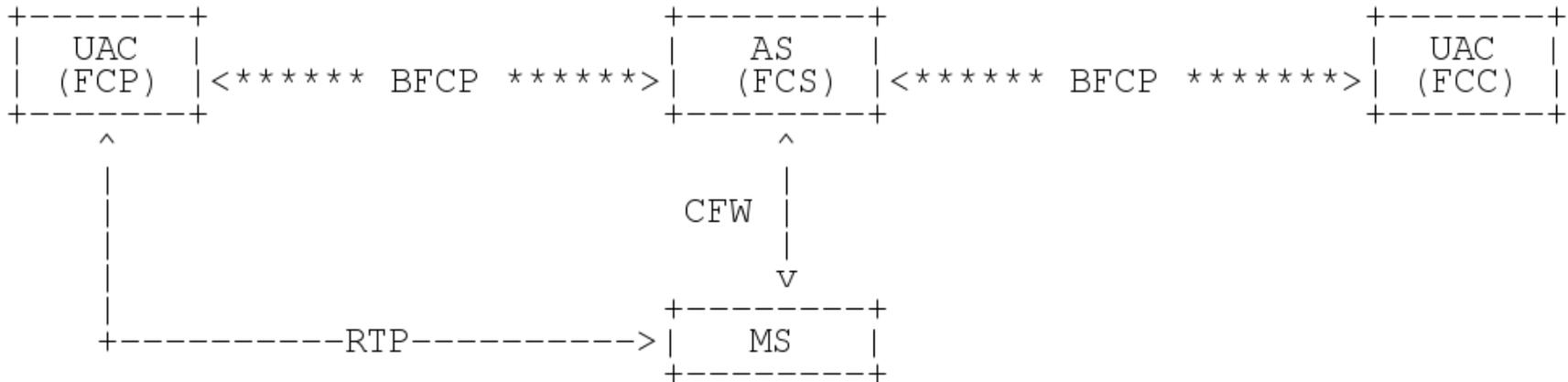
- Added some text and diagrams
- K-ALIVE
 - Example of keep-alive handling
- Common mistakes
 - Wrong Dialog-ID in SYNC
 - CONTROL instead of SYNC as 1st transaction
 - Others needed?

Sidebars

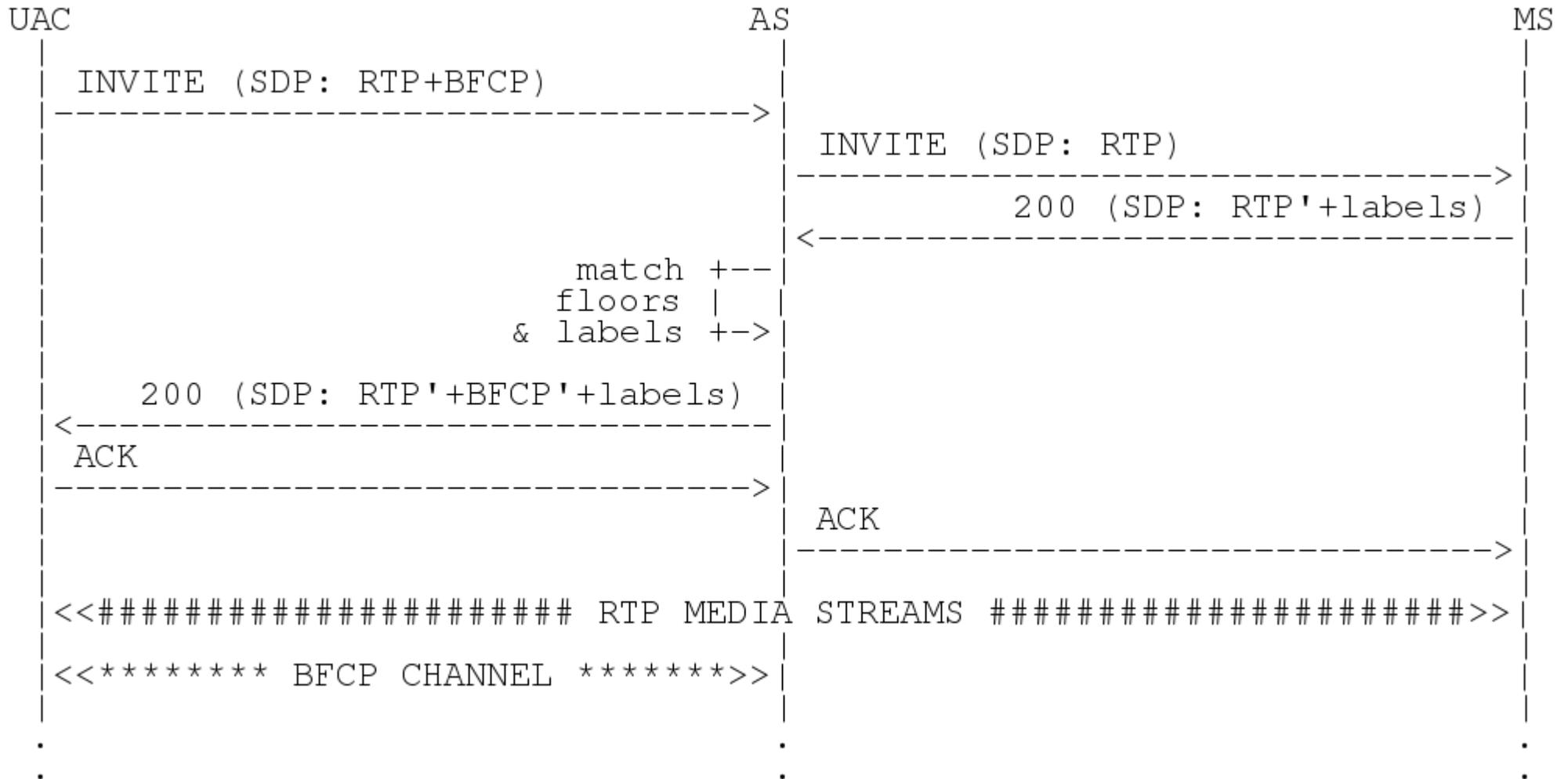
- References RFC4597 and RFC5239
 - XCON requirements and framework
 - Currently addressed in CCMP and XCON call flows
- Sidebars only addressed at the media level
 - Application-level details are out of scope
- Scenario with four participants in a conference
 - Sidebar created for two of them
 - Main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



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?