

# Correlation of multiple SIP dialogs.

(draft-loreto-sipping-context-id-requirements-02.txt)

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# updates

In Minneapolis people were interested to investigate the mechanism to correlate several SIP dialogs that are related to the same multimedia session.

...but we got 2 comments:

- Analyze the requirements in *draft-kaplan-sip-session-id*
- Why not to use Third Party Call Control (3pcc)

# Requirements

The requirements to correlate

- *different SIP dialogs as part of a single media session*

and the requirements to correlate

- *SIP dialogs that belong to the same SIP session but not necessary involve media*

seem to be semantically different.

For this reason this draft now contains two distinct set of requirement one for correlating "*media sessions*" and different one to correlate "*dialogs*".

# Requirements

## Media Session correlation

- *It must be possible to correlate an already existing dialog or dialogs with a new dialog or dialogs as relating to the same media session.*

## Dialog correlation

- *It must be possible to identify a set of dialogs which have a direct correlation with each other such that they represent the same SIP session, with as high a probability as possible.*

# Third Party Call Control (3pcc)

The 3pcc mechanism allows the caller to make transparent for the callee the fact that it is using separate devices for different media, and then making everything in one dialog for the callee.

However there are use cases where it is preferable not to use a centralized and heavy mechanism as 3pcc but instead using a distributed and lighter mechanism that involve several dialogs.

# Third Party Call Control (3pcc)

It is possible to resolve all the use cases using 3pcc but the local UAs has to support:

- 3pcc
- Call Transfer capabilities
- Replace header

And the far end UA has to support as well:

- Replace header

Questions ?