SIP Endpoint SDK Overview

T-Lib-Initiated Consult Transfer re-INVITE

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T-Lib-Initiated Consult Transfer re-INVITE

Description

SIP Server implements a TInitiateTransfer by invoking THoldCall and TMakeCall in a sequence.

The call scenario for TCompleteTransfer is shown here. It assumes a call from UA1 to UA2 is placed on hold and that a call from UA2 to UA3 is in the Established state.

Diagram

UA1 7404 | SIP CS | TLib Clients 7405 7406 7404 | UA2 7405 | UA3 7406

[1] RequestInitiateTransfer (7405,7406)
[2] INVITE
[3] 200 OK
[4] ACK
[5] INVITE
[6] 200 OK
[7] ACK
[8] EventHeld (7405,7404)
[9] INVITE
[10] EventDialing (7405,7406)
[11] 180 Ringing
[12] 200 OK
[13] ACK
[14] INVITE
[15] 180 Ringing
[16] EventRinging (7406,7405)
[17] 200 OK
[18] INVITE
[19] 200 OK
[20] ACK
[21] EventOffHook (7406,·)
[22] EventEstablished (7406,7405)
[23] EventEstablished (7405,7406)
[24] ACK
[25] RequestCompleteTransfer (7405,-)
[26] INVITE
[27] 200 OK
[28] INVITE
[29] 200 OK
[30] ACK
[31] ACK
[32] BYE
[33] EventReleased (7405,7404)
[34] BYE
[35] EventReleased (7405,7406)
[36] EventOnHook (7405,-)
[37] EventPartyChanged (7406,7404)
[38] EventPartyChanged (7404,7406)
[39] EventReleased (-,-)
[40] 200 OK
[41] 200 OK