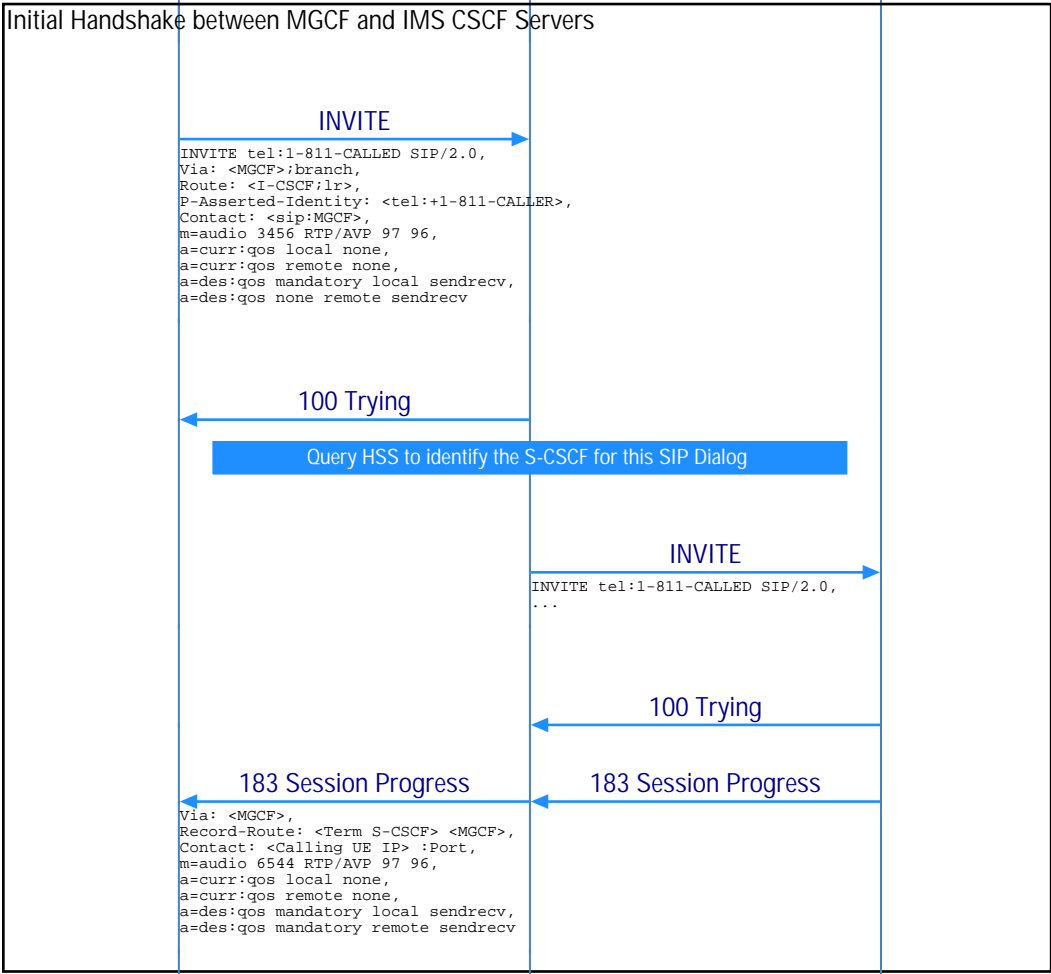


| I-CSCF Interfaces (PSTN-ISUP Originated Call; IM-MGW Megaco/H.248 Signaling; PSTN Initiated Release) |              |             |                                 |
|--|--------------|-------------|---------------------------------|
| IMS Core Network   |              |             | Copyright © 2013 EventHelix.com |
| PSTN Interface   | CSCF Servers |             |                                 |
| MGCF   | I-CSCF       | Term S-CSCF | 10-Jan-13 16:29 (Page 1)        |

This call flow covers the handling of a CS network originated call with ISUP. In the diagram the MGCF requests seizure of the IM CN subsystem side termination and CS network side bearer termination. When the MGCF receives an answer indication, it requests the IM-MGW to both-way through-connect the terminations.

This sequence diagram was generated with EventStudio System Designer (<http://www.EventHelix.com/EventStudio>).

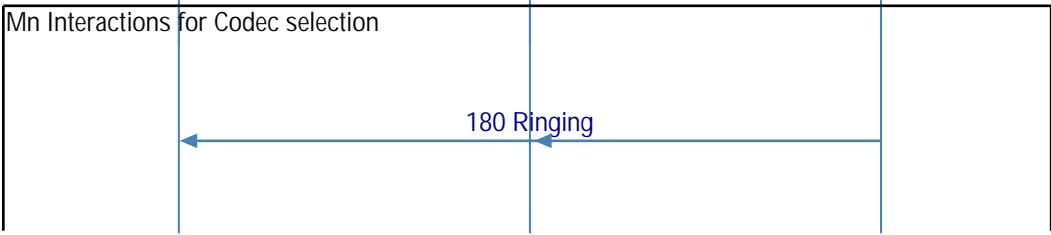


The MGCF initiates an INVITE request, containing an initial SDP, as per the proper S-CSCF to S-CSCF procedure. The INVITE is first sent to the I-CSCF to identify the S-CSCF serving the called user.

The I-CSCF acknowledges the INVITE that was received from P-CSCF.

Query the HSS to obtain the S-CSCF for the user.

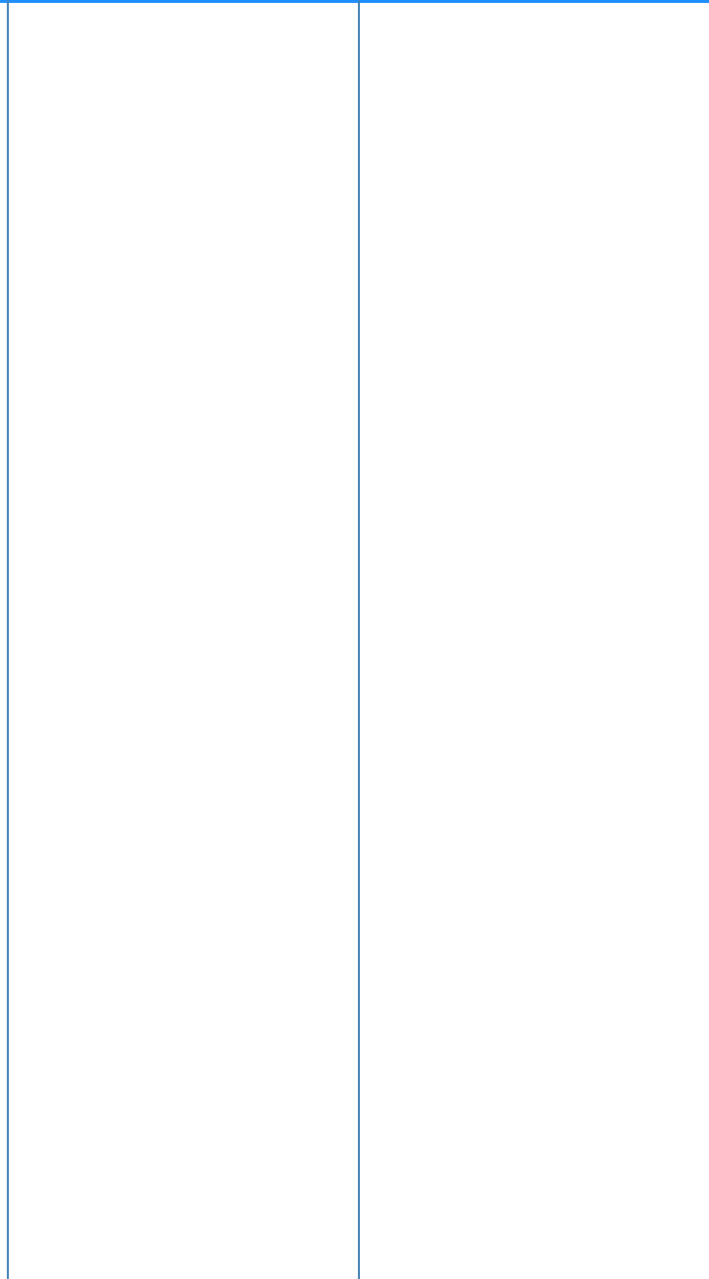
The UE replies indicating that the session is in progress. The contact address is set its own IP address. The Via and the Record-Route headers are copied from the received INVITE.



Inform the caller that the called subscriber is being rung. This serves as an implicit indication to the caller that the QoS at the called side has also been met.

|  |              |             |                                 |
|--|--------------|-------------|---------------------------------|
| I-CSCF Interfaces (PSTN-ISUP Originated Call; IM-MGW Megaco/H.248 Signaling; PSTN Initiated Release) |              |             |                                 |
| IMS Core Network   |              |             | Copyright © 2013 EventHelix.com |
| PSTN Interface   | CSCF Servers |             |                                 |
| MGCF   | I-CSCF       | Term S-CSCF | 10-Jan-13 16:29 (Page 2)        |

This sequence diagram was generated with EventStudio System Designer (<http://www.EventHelix.com/EventStudio>).



|   |              |             |                                 |
|---|--------------|-------------|---------------------------------|
| <b>I-CSCF Interfaces (Alternate Scenario: Called IMS Subscriber Initiated Call Release)</b> |              |             |                                 |
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| PSTN Interface  | CSCF Servers |             |                                 |
| MGCF  | I-CSCF       | Term S-CSCF | 10-Jan-13 16:29 (Page 3)        |

This call flow covers the handling of a CS network originated call with ISUP. In the diagram the MGCF requests seizure of the IM CN subsystem side termination and CS network side bearer termination. When the MGCF receives an answer indication, it requests the IM-MGW to both-way through-connect the terminations.

This sequence diagram was generated with EventStudio System Designer (<http://www.EventHelix.com/EventStudio>).

Initial Handshake between MGCF and IMS CSCF Servers

Mn Interactions for Codec selection

This sequence diagram was generated with EventStudio System Designer (<http://www.EventHelix.com/EventStudio>).

