SS7 connection between two Restcomm SMSC

**SS7 connection**

Client End  
Network ID: 10  
192.168.1.56

Server End  
Network ID: 50  
192.168.1.70

SMSC-GW

SS7 simulator

SS7 simulator

SMSC-GW

PC: 1

PC: 2

PC: 4

PC: 3

**Error Log**

22:48:13,973 INFO [HrSriServerSbb] (SLEE-EventRouterExecutor-3-thread-1)

Home routing: HrSriServerSbb: Received SEND\_ROUTING\_INFO\_FOR\_SM\_REQUEST = SendRoutingInfoForSMRequestWrapper [wrapped=SendRoutingInfoForSMRequest [DialogId=1, msisdn=ISDNAddressString[AddressNature=international\_number, NumberingPlan=ISDN, Address=1234], sm\_RP\_PRI, serviceCentreAddress=ISDNAddressString[AddressNature=international\_number, NumberingPlan=ISDN, Address=22220]]] Dialog=MAPDialogSmsWrapper [wrappedDialog=MAPDialog: LocalDialogId=1 RemoteDialogId=3 MAPDialogState=INITIAL\_RECEIVED MAPApplicationContext=MAPApplicationContext [Name=shortMsgGatewayContext, Version=version3, Oid=0, 4, 0, 0, 1, 0, 20, 3, ] TCAPDialogState=InitialReceived]

22:48:14,011 WARN [HomeRoutingManagement] (SLEE-EventRouterExecutor-3-thread-1) Found no entry in CcMccmncCollection for msisdn: 1234

22:48:14,034 INFO [HrSriClientSbb] (SLEE-EventRouterExecutor-3-thread-1)

Home routing: HrSriClientSbb: Sending: SendRoutingInfoForSMRequest: isdn=ISDNAddressString[AddressNature=international\_number, NumberingPlan=ISDN, Address=1234], serviceCenterAddress=AddressString[AddressNature=international\_number, NumberingPlan=ISDN, Address=22220], sm\_RP\_PRI=true

22:48:14,228 WARN [SccpRoutingControl] (pool-27-thread-1) Received SccpMessage for Translation but no matching Rule found for local routing

SccpMessage=Sccp Msg [Type=UDT networkId=50 sls=1 incomingOpc=4 incomingDpc=3 outgoingDpc=-1 CallingAddress(pc=4,ssn=8,AI=83,gt=GlobalTitle0100Impl [digits=1234, natureOfAddress=INTERNATIONAL, numberingPlan=ISDN\_TELEPHONY, translationType=1, encodingScheme=BCDEvenEncodingScheme[type=BCD\_EVEN, code=2]]) CalledParty(pc=0,ssn=8,AI=18,gt=GlobalTitle0100Impl [digits=22220, natureOfAddress=INTERNATIONAL, numberingPlan=ISDN\_TELEPHONY, translationType=0, encodingScheme=BCDOddEncodingScheme[type=BCD\_ODD, code=1]]) DataLen=80]

22:48:44,040 ERROR [HrSriClientSbb] (SLEE-EventRouterExecutor-2-thread-1)

Home routing: Rx : onInvokeTimeoutInvokeTimeout [invokeId=0, mapDialogWrapper=MAPDialogSmsWrapper [wrappedDialog=MAPDialog: LocalDialogId=2 RemoteDialogId=null MAPDialogState=INITIAL\_SENT MAPApplicationContext=MAPApplicationContext [Name=shortMsgGatewayContext, Version=version3, Oid=0, 4, 0, 0, 1, 0, 20, 3, ] TCAPDialogState=InitialSent]]

22:49:13,841 WARN [HrSriServerSbb] (SLEE-EventRouterExecutor-3-thread-1)

Home routing: Rx : onDialogTimeoutDialogTimeout [MAPDialogSmsWrapper [wrappedDialog=MAPDialog: LocalDialogId=1 RemoteDialogId=3 MAPDialogState=INITIAL\_RECEIVED MAPApplicationContext=MAPApplicationContext [Name=shortMsgGatewayContext, Version=version3, Oid=0, 4, 0, 0, 1, 0, 20, 3, ] TCAPDialogState=InitialReceived]]

22:49:14,119 WARN [HrSriClientSbb] (SLEE-EventRouterExecutor-2-thread-1)

Home routing: Rx : onDialogTimeoutDialogTimeout [MAPDialogSmsWrapper [wrappedDialog=MAPDialog: LocalDialogId=2 RemoteDialogId=null MAPDialogState=INITIAL\_SENT MAPApplicationContext=MAPApplicationContext [Name=shortMsgGatewayContext, Version=version3, Oid=0, 4, 0, 0, 1, 0, 20, 3, ] TCAPDialogState=InitialSent]]

22:49:14,120 ERROR [HrSriServerSbb] (SLEE-EventRouterExecutor-2-thread-1) Home routing: can not get MAPDialog for sending SRI negative Response