

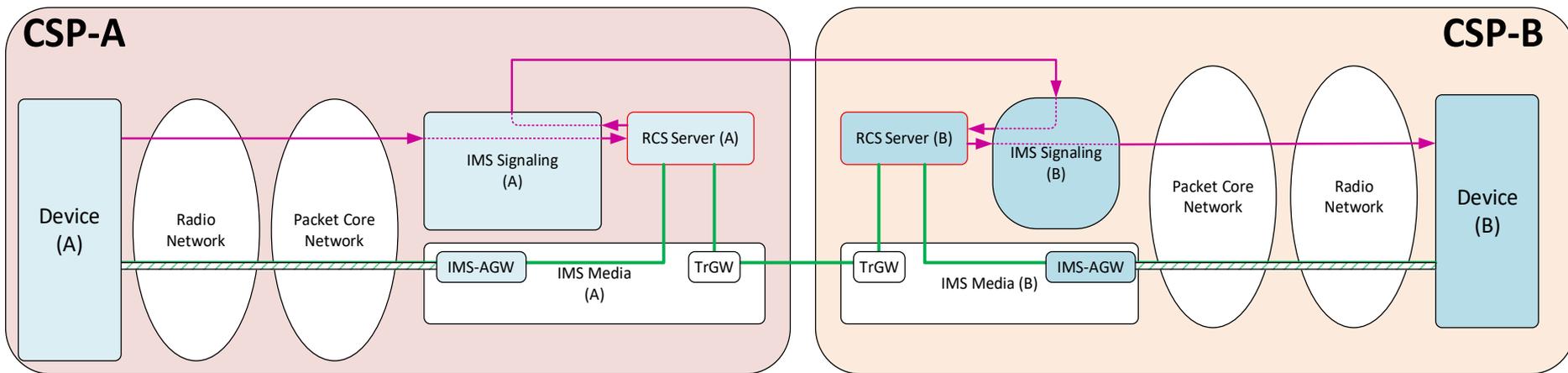
# RCS

*(an analysis)*

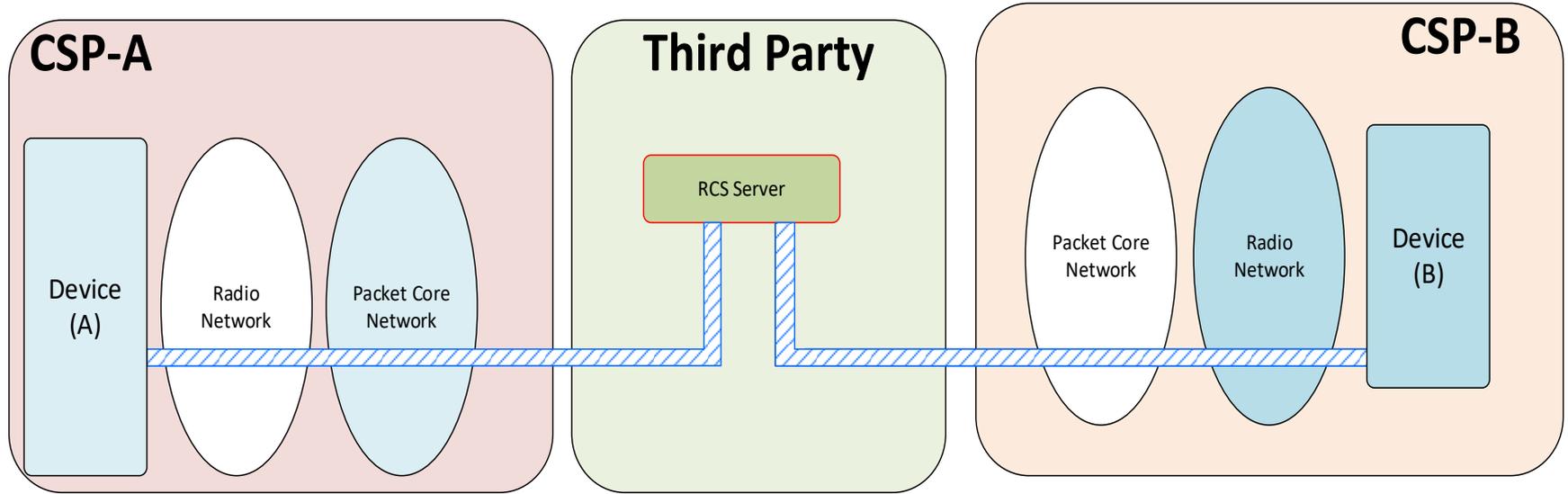
Nagaraja (Nag) Rao; Boca Raton, FL

# Topology Views

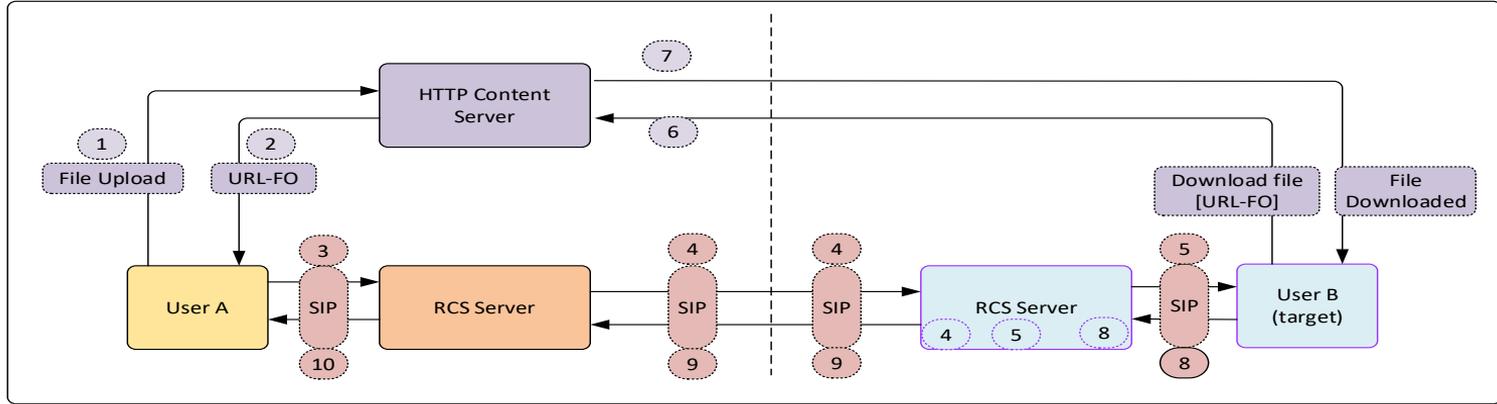
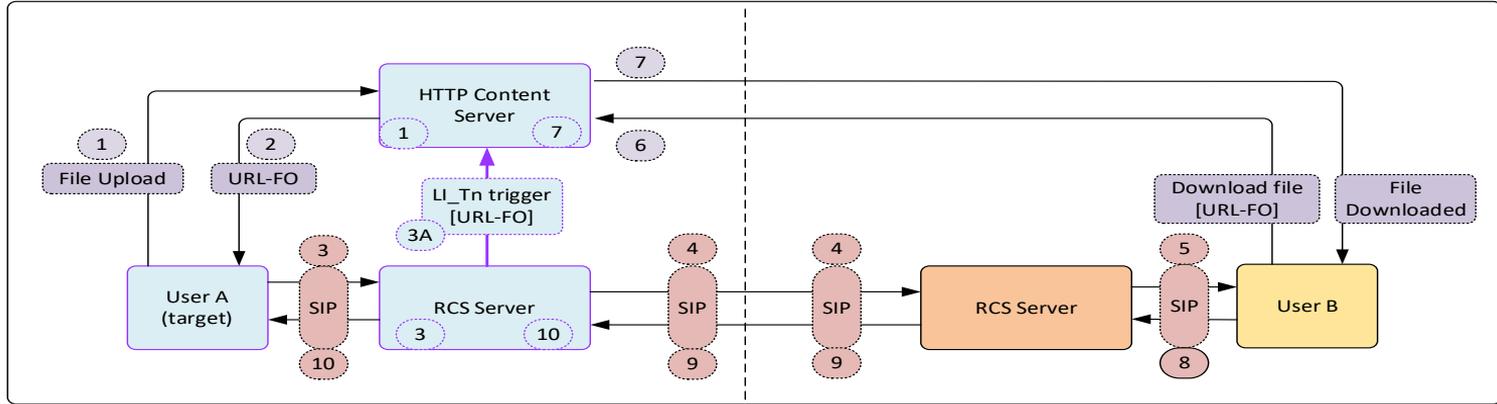
# RCS Server in CSP domain - a topology view



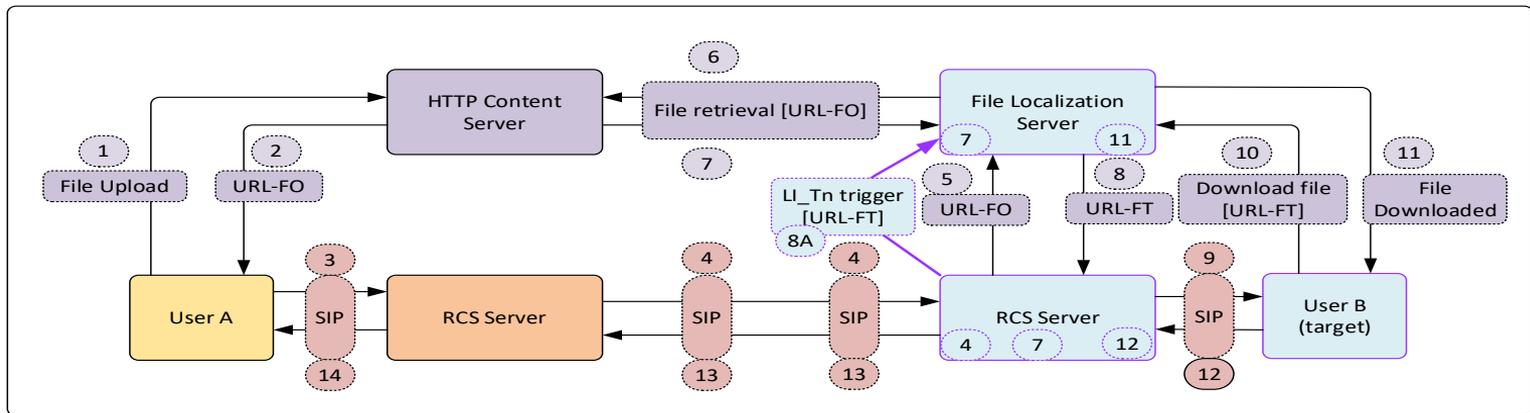
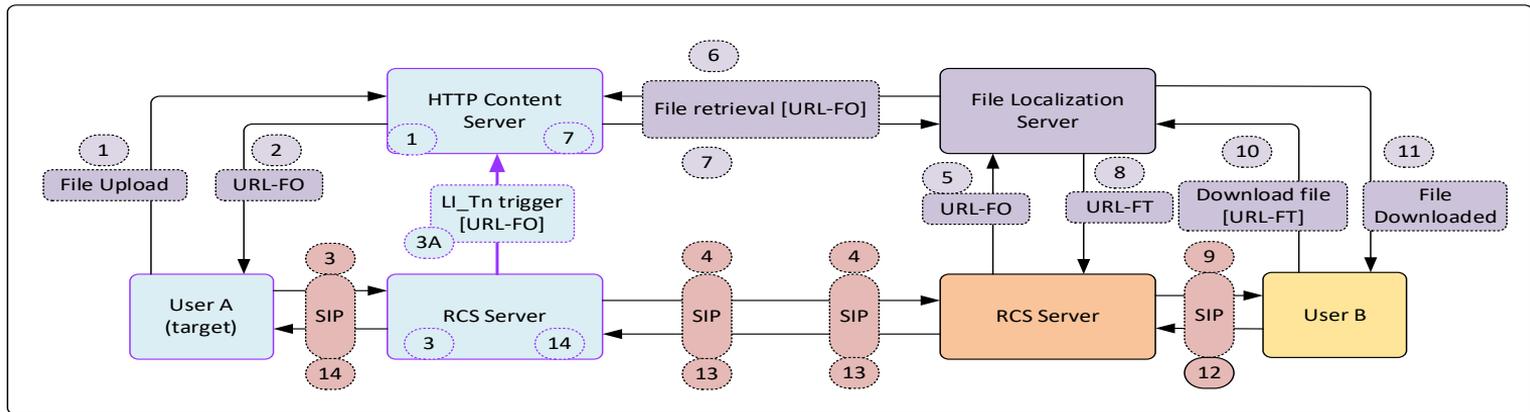
# RCS Server third party - a topology view



# RCS File Transfer – No File Localization Server in the terminating domain

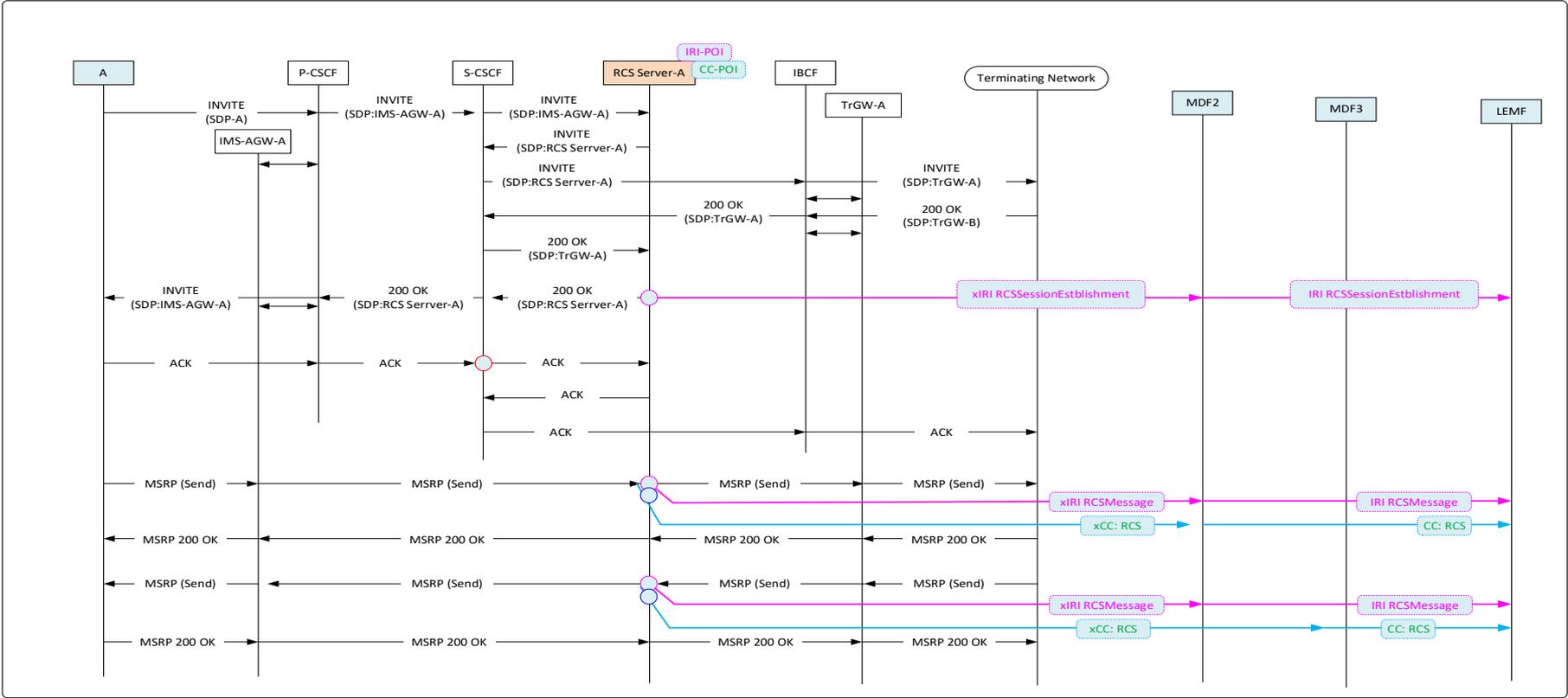


# RCS File Transfer –File Localization Server in the terminating domain

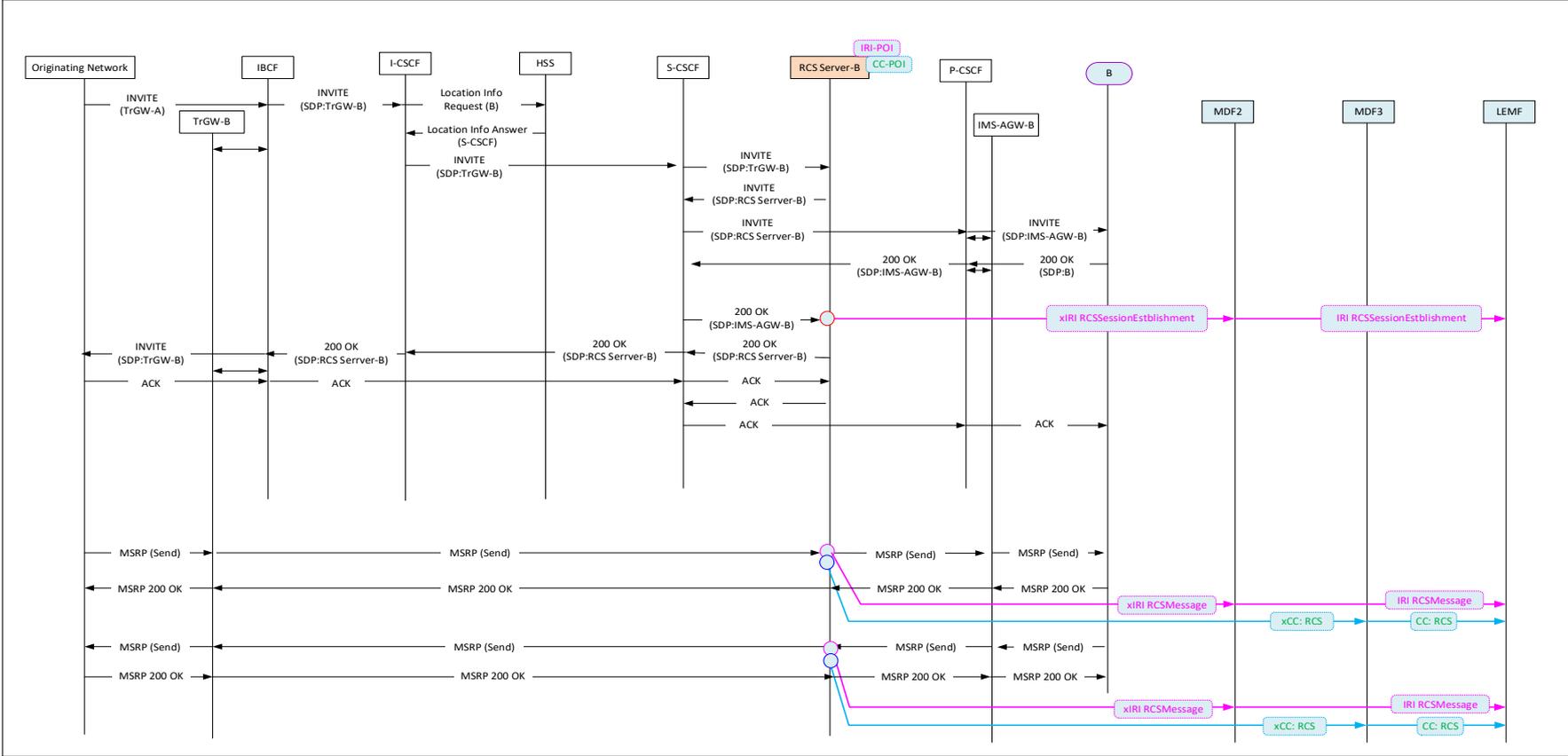


# Flow Views

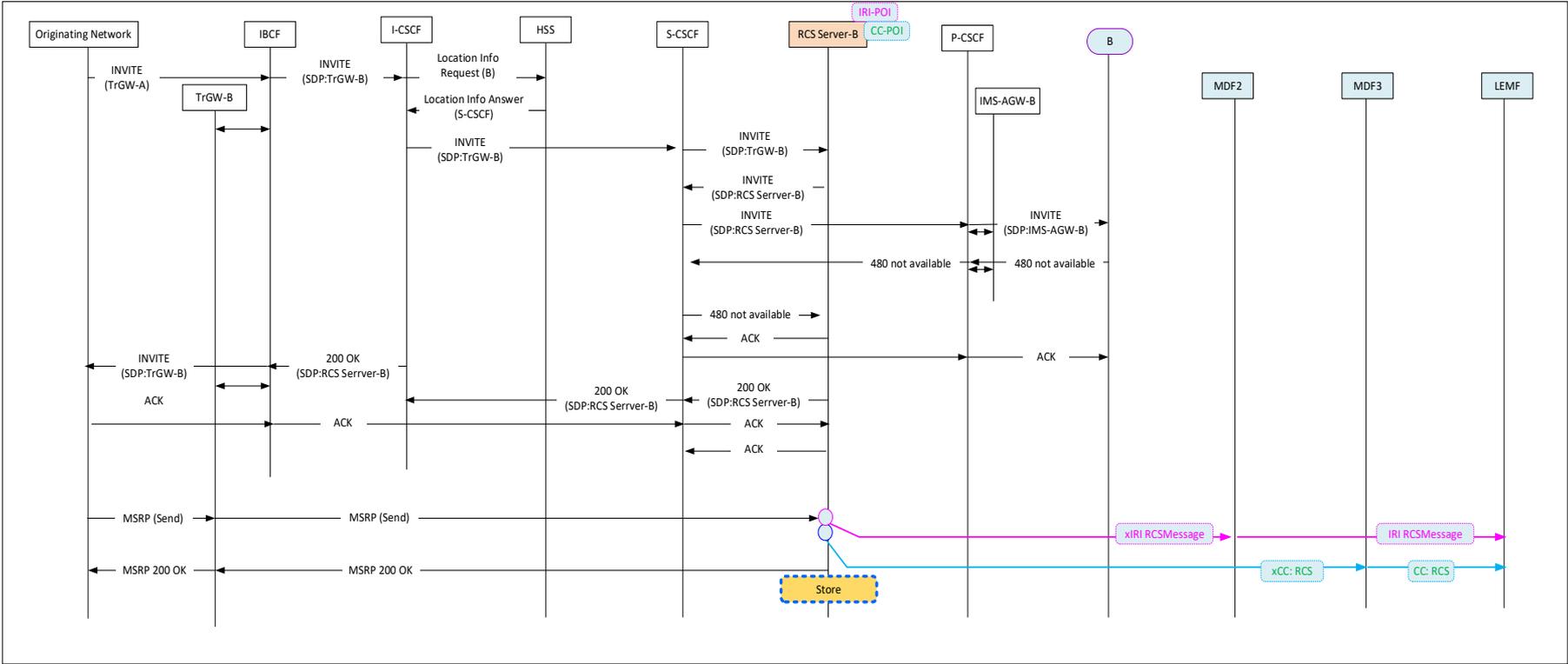
# Flow: Originating end (RCS reference: RCC070-V11.0)



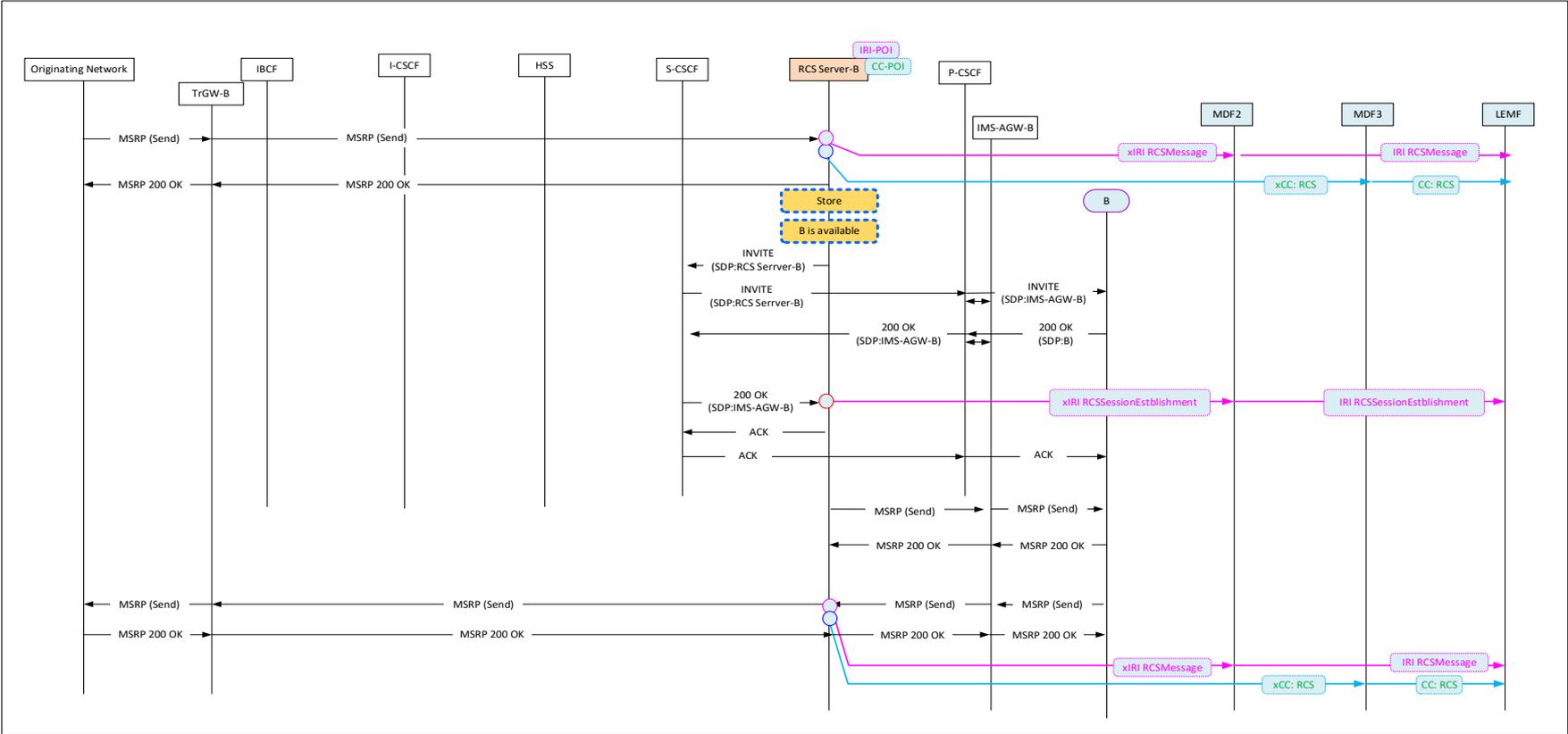
# Flow: terminating end (RCS reference: RCC070-V11.0)



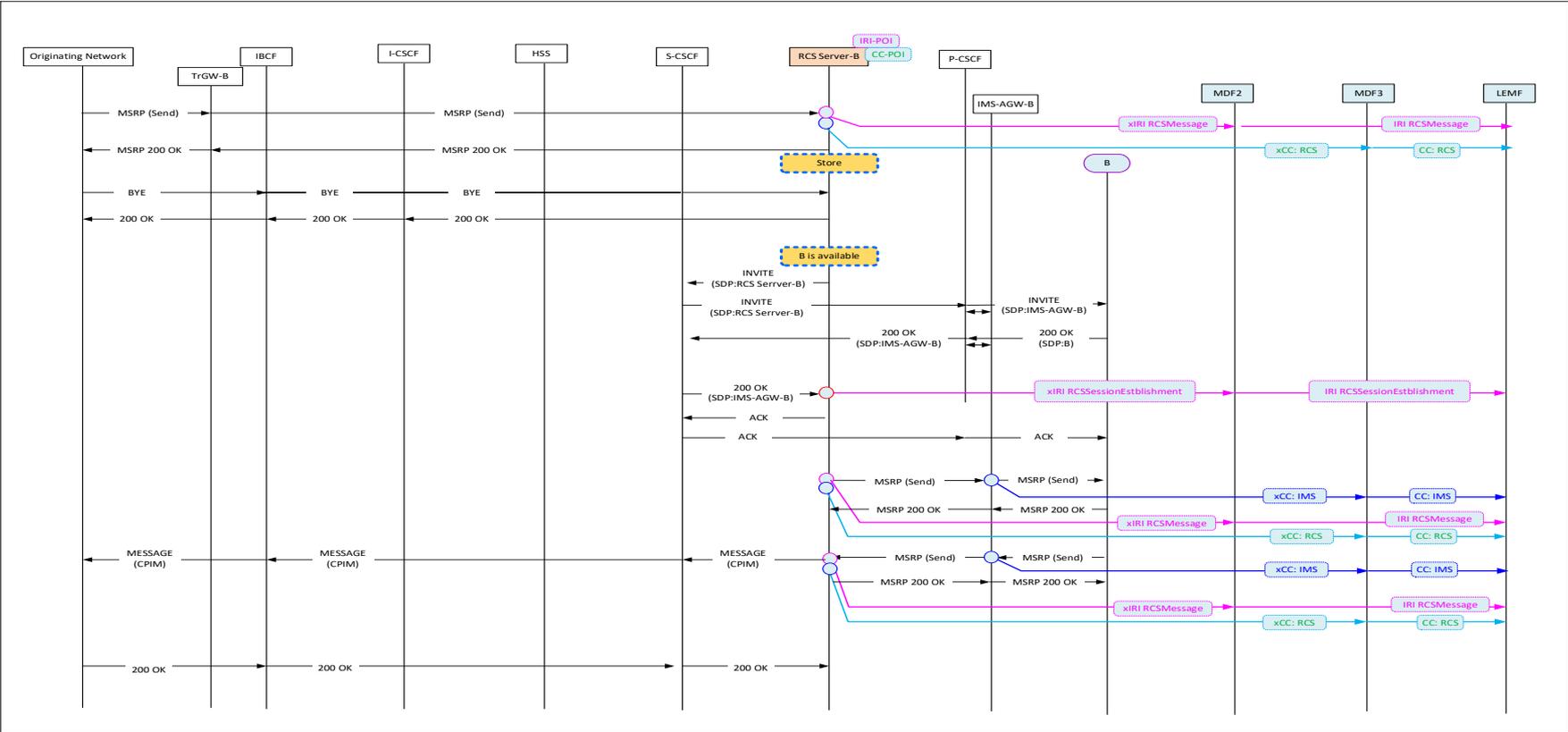
# Flow: terminating end store (RCS reference: RCC07-v11.0, figure 23)



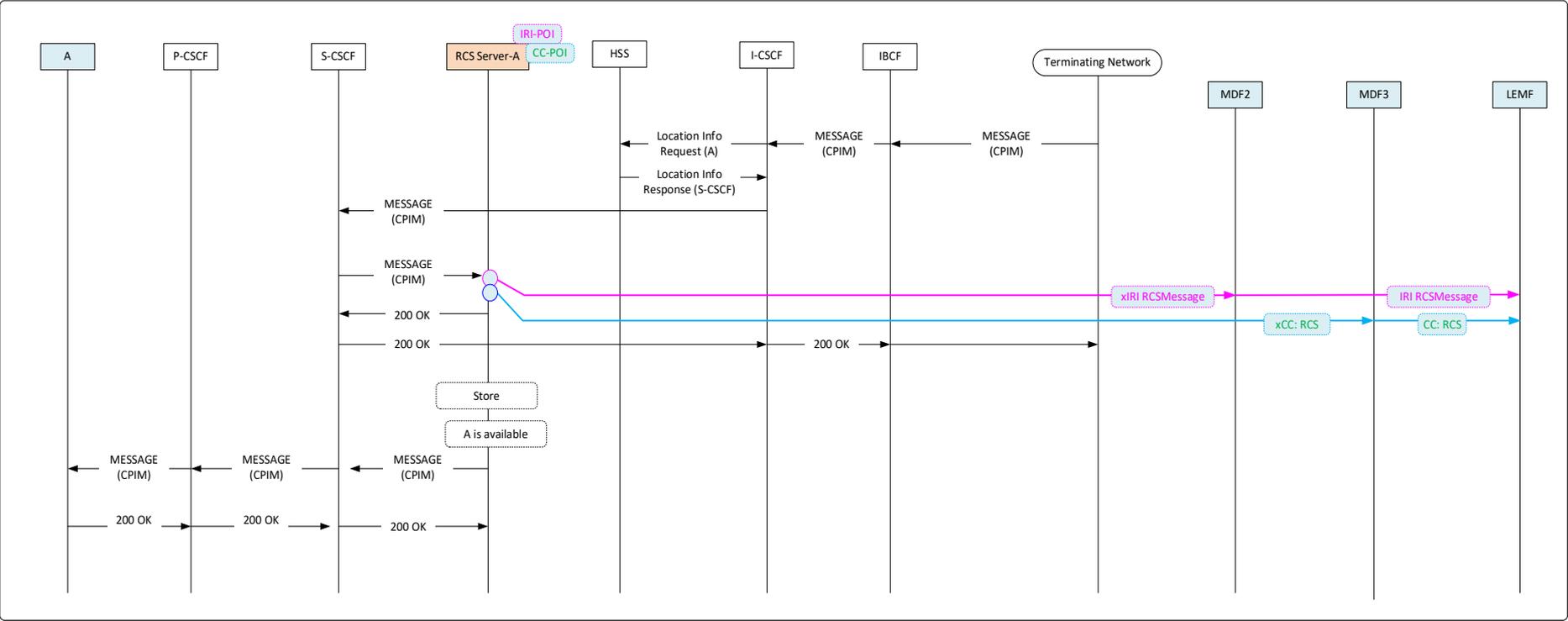
# Flow: terminating end deferred delivery (RCS reference: RCC07-v11.0, figure 24)



# Flow: Terminating end - deferred delivery, No MSRP session to A (RCS reference: RCC07-v11.0, figure 25)



# Flow: Originating end store, deferred notification (Reference: RCC07-v11.0, figure 26 and 27)

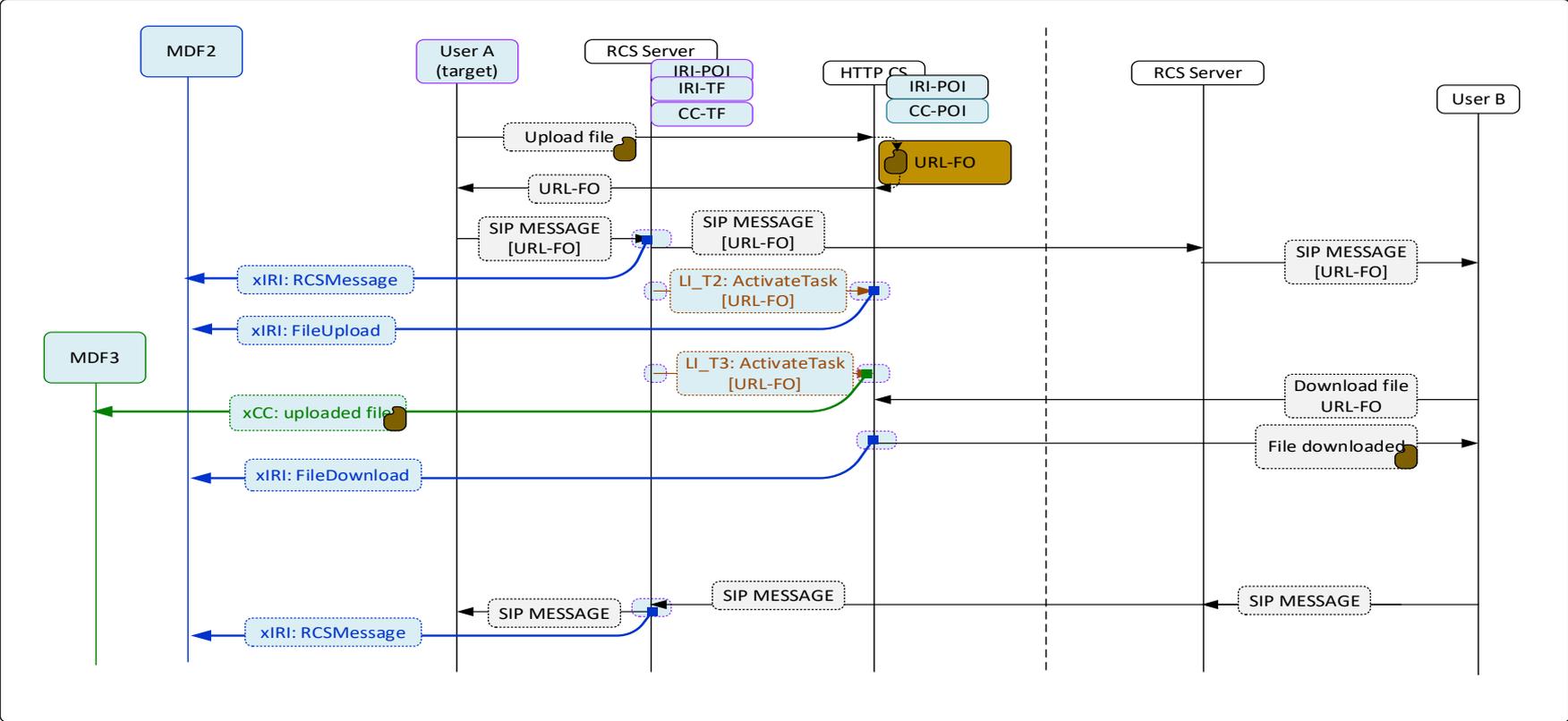


coming soon

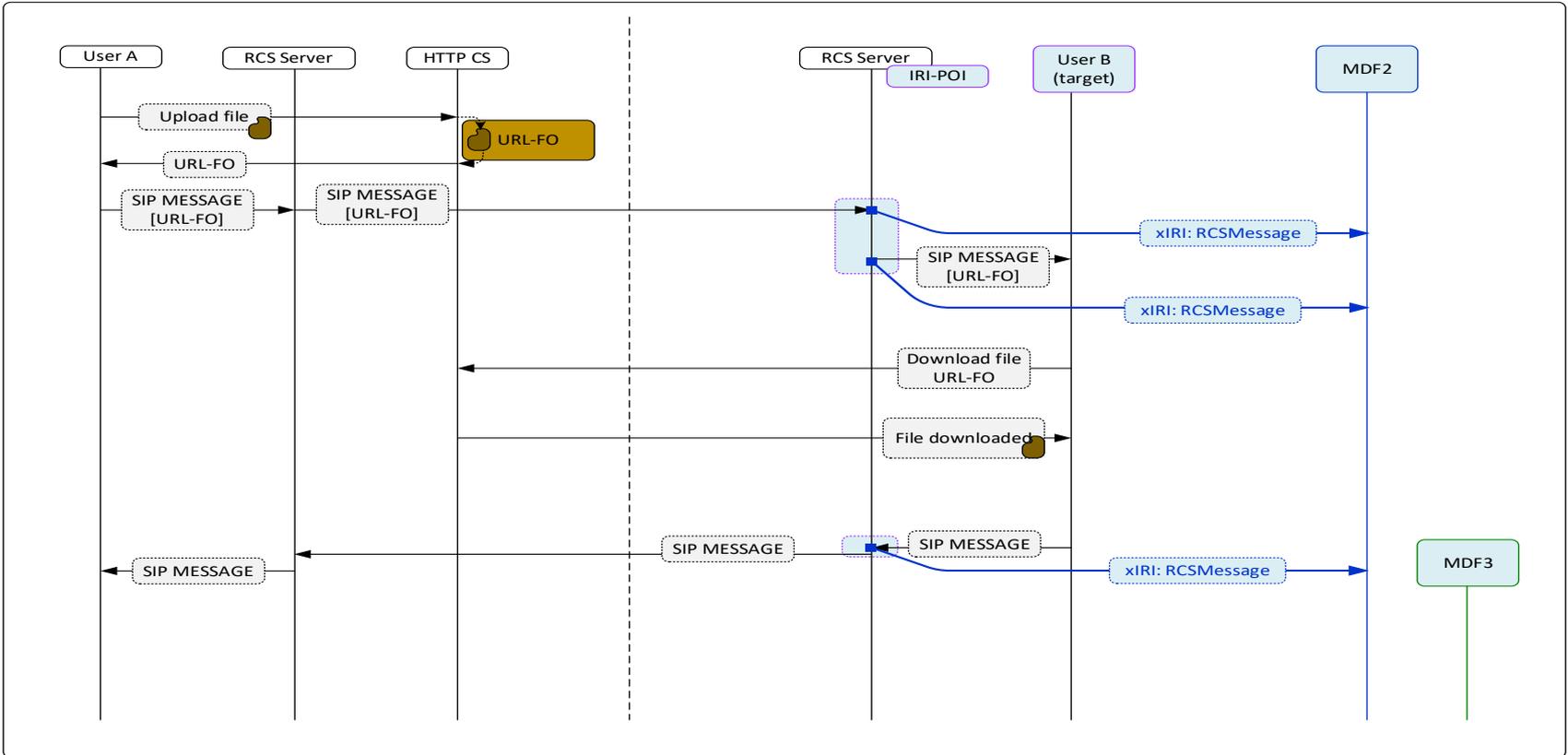
coming soon

coming soon

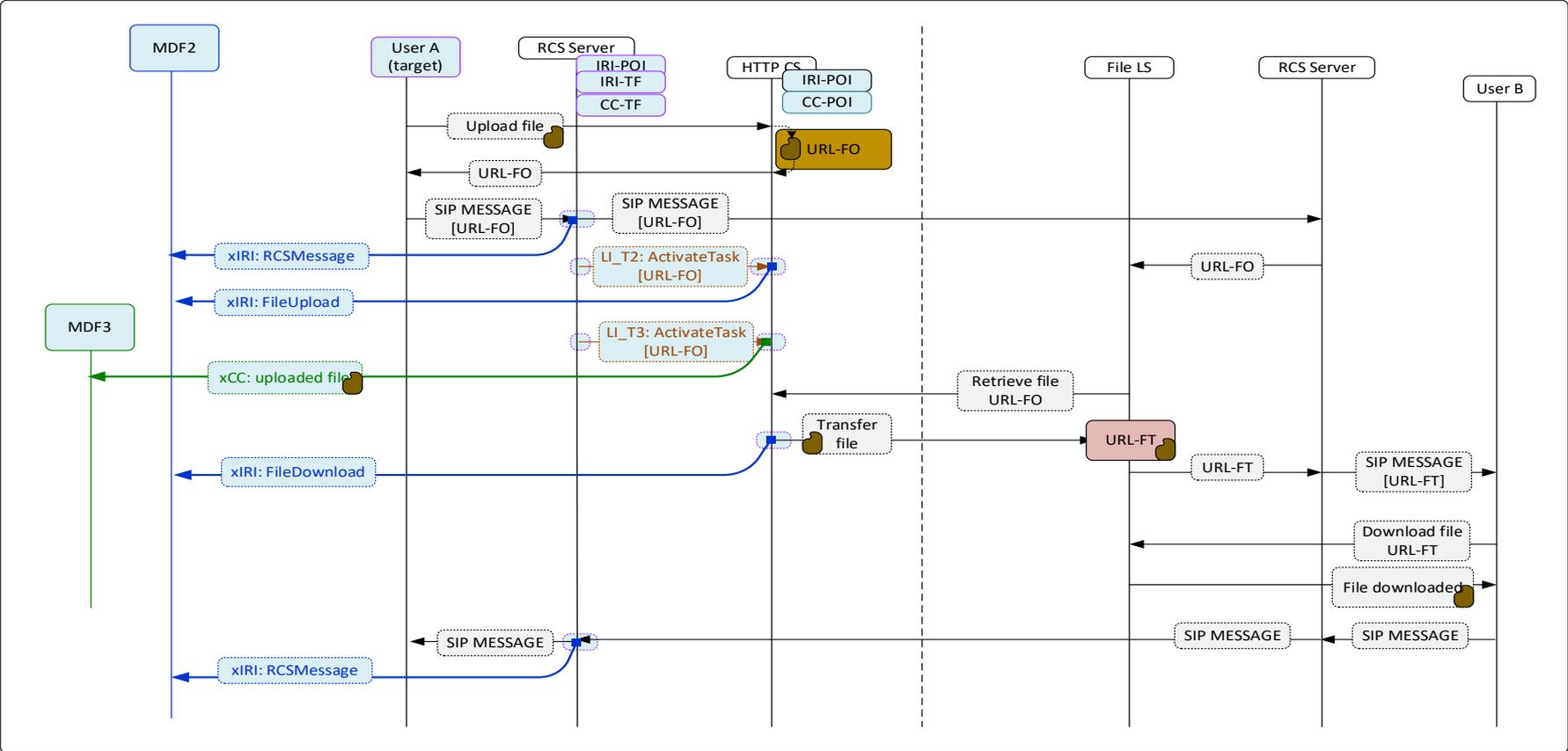
# Flow: Originating end – File Upload



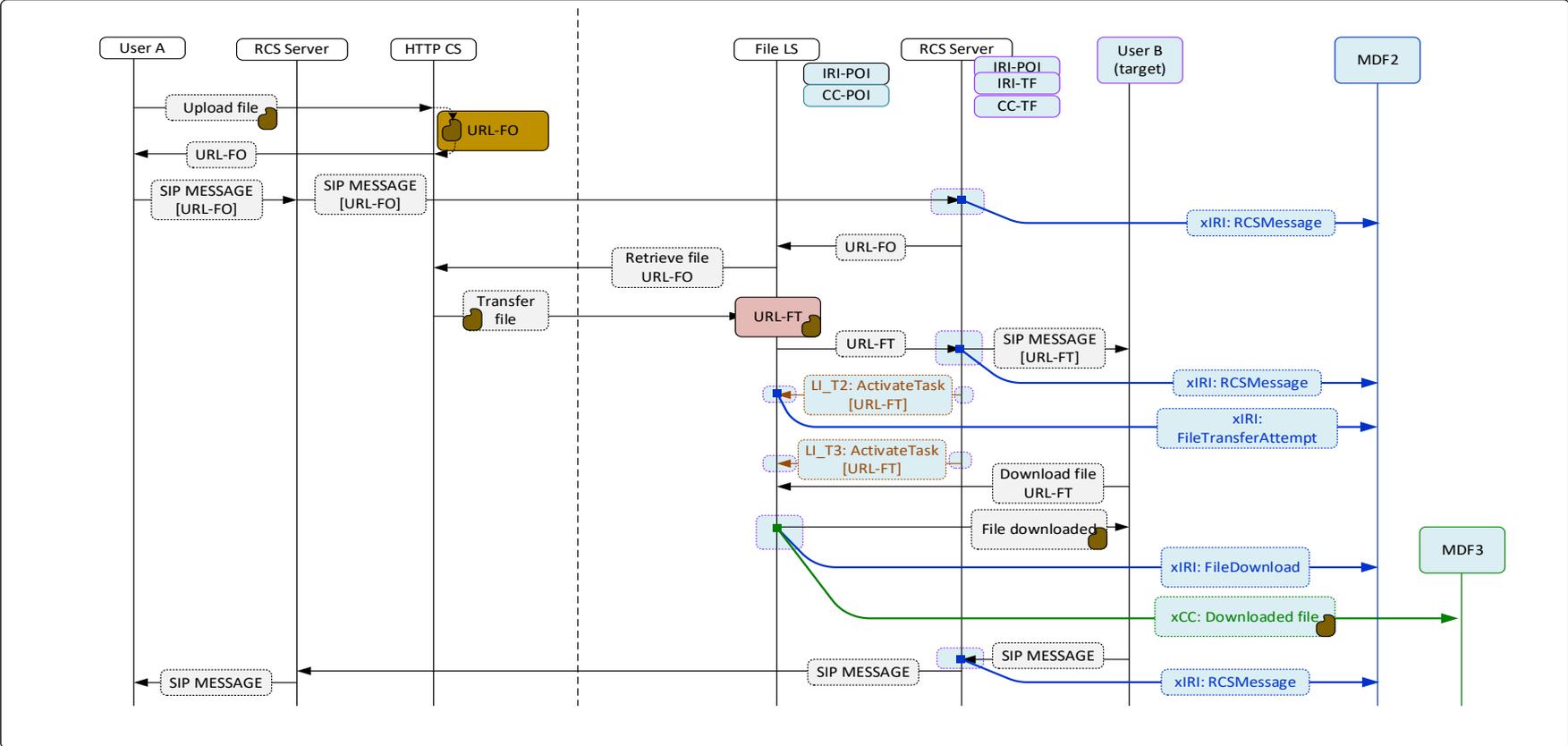
# Flow: Terminating end – File Upload



# Flow: Originating end – File Upload – terminating end has a File Localization Server



# Flow: Terminating end – File Upload – terminating end has a File Localization Server



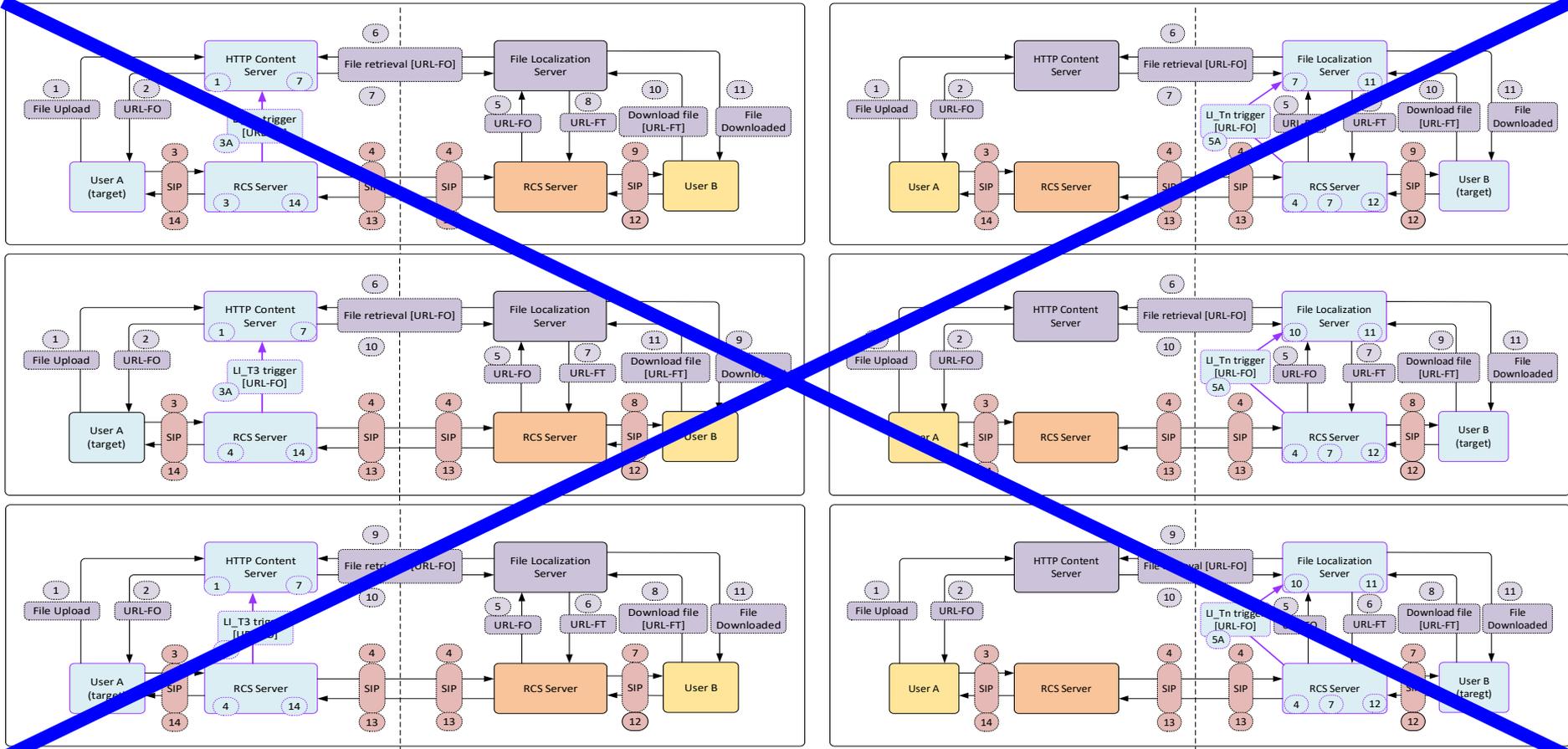
# Summary

- No IMS LI other than the xIRI IMSREGISTRATION.
- POI in RCS Server sends the xIRI RCSSessionEstablishment message when 200 OK is sent to, or received from, the target for MSRP session establishment.
- POI in RCS Server sends the xIRI RCSMessage when an incoming message is stored.
- POI in RCS Server does not generate the xIRI RCSMessage when the stored message is delivered to the target.
- When the MSRP message is delivered to the target as an SMS message, POI server sends the xIRI RCSMessage when the RCS server sends the submit\_sm to the SM-SC.
- POI in SMS node (S-CSCF, SMSF) sends the xIRI IMSMessage as per the SMS LI.

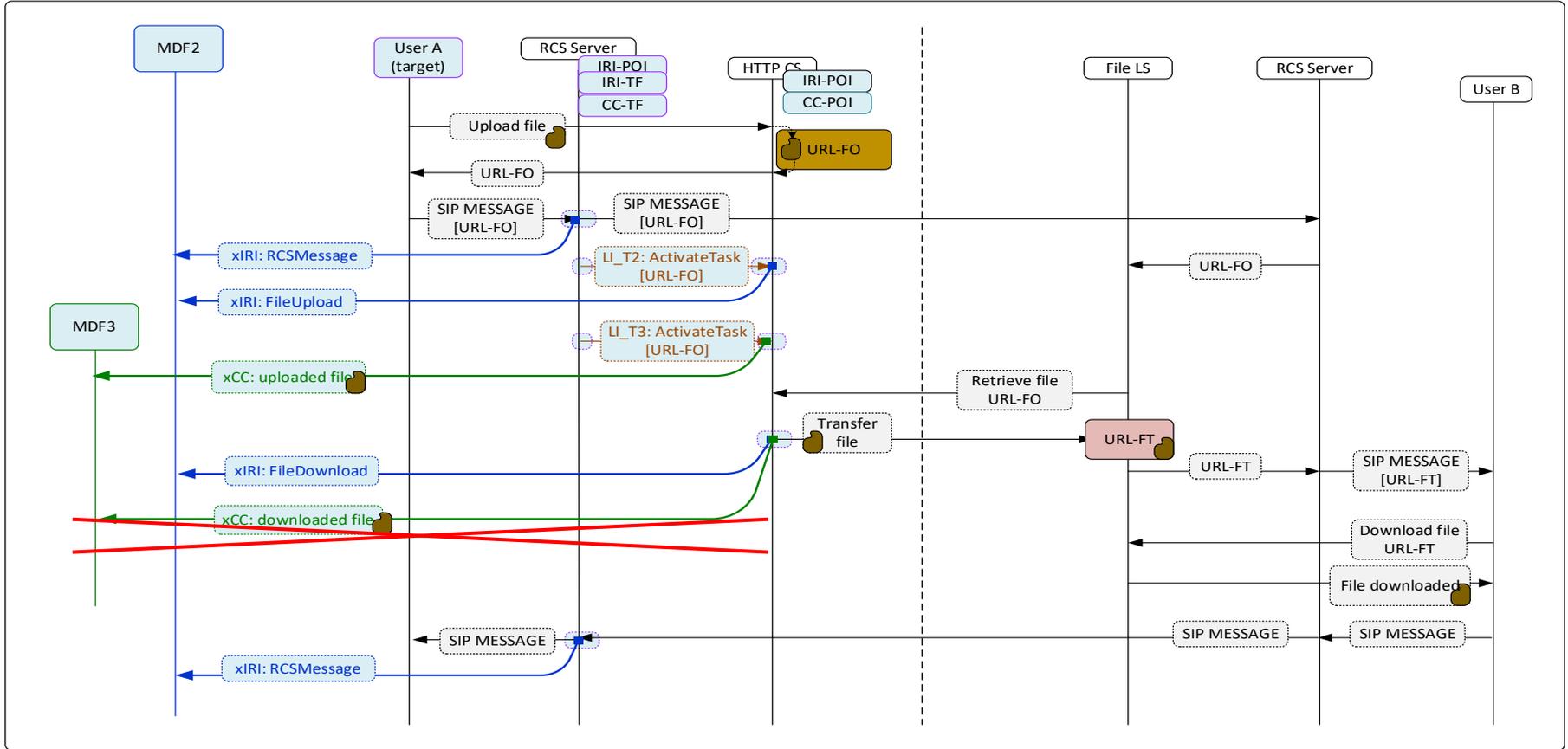
# Deleted



# RCS File Transfer



# RCS File Transfer



**NOKIA**