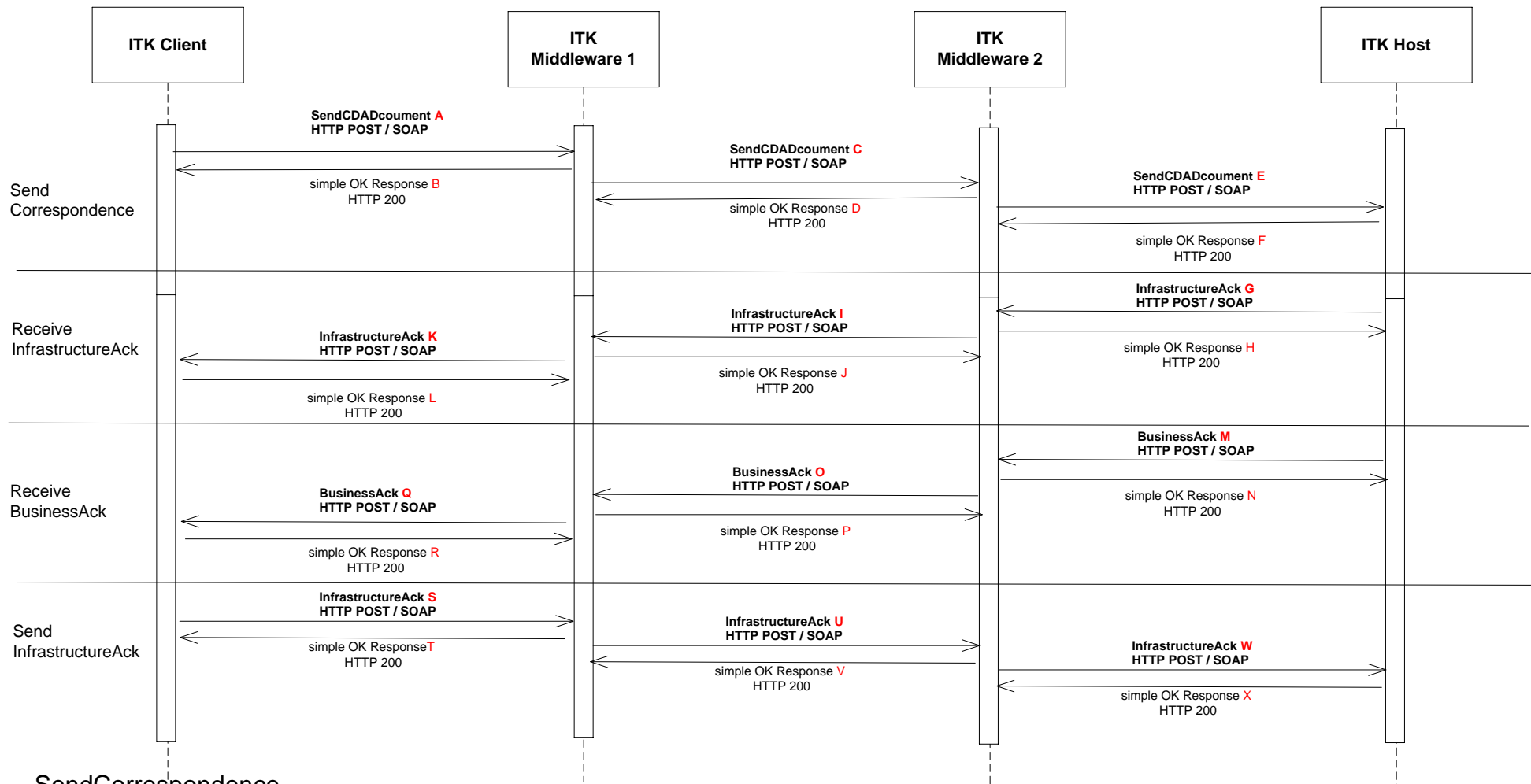


Correspondence Acknowledgements - Success



SendCorrespondence

Sequence diagram shows sending correspondence from ITK Client to ITK Host over multiple hops.

ITK Client sends correspondence (A), the immediate response is a simple message response(B) confirming receipt of the message from the first 'hop' ITK Middleware 1 and closing the synchronous channel. At this point all ITK Client knows is that the message has been received by ITK Middleware 1. ITK Middleware 1 passes on the message in the same way(C), it only knows the message is received by ITK Middleware 2(D). ITK Middleware 1 passes on the message in the same way(E), it knows the message is received by ITK Host(F).

On receipt of the message ITK Host has to send back an InfrastructureAck to the 'sender address' contained in the distribution envelope. This too is sent in a series of self contained synchronous 'hops' until it reaches ITK Client(G to L). At this point ITK Client knows the message it send to ITK Host has been received.

At some point in time ITK Host has to send a BusinessAck to the 'sender address' contained in the distribution envelope. This too is sent in a series of self contained synchronous 'hops' until it reaches ITK Client. At this point ITK Client knows the message it sent to ITK Host has been understood at a business level.

ITK Client must then send back an InfrastructureAck to ITK Host using the 'sender address' contained in the distribution envelope of the BusinessAck(S to X). This informs ITK Host that the BusinessAck it sent has been received.