TRANSACTIS
VIVEZ L'EXPÉRIENCE PAIEMENTS

DESCRIPTION OF DATAPOWER ISSUES WITH IMSCONNECT

IRM_F4 NOT ACCESSIBLE FROM IMSCONNECT SETTINGS

TRANSACTIS – SOA APPLIANCE IDGX2

Updates			
Référence	**Titre**	**Révision**	
[0]	Initial improvement request TS007473676	V0.0	09/11/2021
[1]	Re-opened TS008833833	*V1.0*	24/03/2022

Summary

Use of IMSConnect as a static Backend

1 Exit identifier *IRMREQ*, HWSSMPL0, HWSSMPL1

We would like to setup our IMSCONNECT as a Backend side in our Multi protocol gateway and having an IMS transaction in mode SEND ONLY. (no response mode).

As per IMS guideline from IBM, for our purpose the parameter IRM_F4 value must be 'S'.

Currently it is IRM_F4 = X'40' (for a send-receive interaction, see option in the array below) and it seems like there is no possibility to modify it from the "Configure IMS Connect" menu.

Field	Length	Offsets		Meaning
		Dec	Hex	
IRM_F4	1 byte	35	X'23'	The IRM_F4 flag identifies the type of message being sent by the client. Message types are specified by an ASCII or EBCDIC character value. The value is sent to IMS Connect , passed to the user exit, the exit builds the appropriate OTMA structure and returns it to IMS Connect to be forwarded to IMS. The valid values and the message types that they indicate are as follows: **A** ACK (IRM_F4_ACK) - An ACK response to output received from IMS Connect. ACK is used by a client to indicate the acceptance of either: • A synchronous callout request message issued by an IMS application program • An output message when the original input message from the client specifies a SYNC level of CONFIRM **C** Cancel IRM timer (IRM_F4_CANTIMER) - A request to cancel the IRM timer for another connection on which the client, using the same client ID, is waiting for output data. **D** Deallocate (IRM_F4_DEALLOC) - A request to deallocate the conversation. **K** Send only requires ACK (IRM_F4_SNDONLYA) - A send-only transaction message that requires an ACK response from IMS Connect. **L** Synchronous callout response message requiring ACK (IRM_F4_SYNRESPA) - A synchronous callout response message that uses the send-only protocol and requires an acknowledgement from IMS Connect. **M** Synchronous callout response message (IRM_F4_SYNRESP) - A synchronous callout response message that uses the send-only protocol. **N** NAK (IRM_F4_NACK) - A NAK response from the client that indicates the rejection of one of the following types of output from IMS Connect : • A synchronous callout request message issued by an IMS application program • An output message when the original input message from the client specifies a SYNC level of CONFIRM **R** RESUME TPIPE (IRM_F4_RESUMET) - A RESUME TPIPE call for asynchronous output data from IMS. A RESUME TPIPE call must execute on a transaction or persistent socket using CM0.
IRM_F4 (cont'd)	1 byte	35	X'23'	**S** Send only (IRM_F4_SENDONLY) - A send only transaction message that starts a send-only interaction for a non-response mode, non-conversational transaction. If the host application terminates without issuing an ISRT to the IO PCB, no DFS2082 messages are returned to the client. The SENDONLY interaction must use CM0. **blank (X'40')** A send-receive interaction for a conversational or non-conversational response mode transaction.

2 IMS TRACES Getting incoming Flow from Datapower

IRM_F4 is setup to 0x40 (offset 35 in the *IRMREQ* Header).

Note: IRM_F2 corresponds to commit mode (CMD0/CMD1) and IRM_F3 corresponds to the Sync Level (0x00/0x01).