Accept Specific

June 12, 1995

J. E. Fetvedt

fetvedt@vnet.ibm.com

tie-line 919-254-4366

Application Enablement Architecture
Dept. C74 / Bldg. 664-3
P. O. Box 12195
Research Triangle Park, NC 27709

Contents

Accept Specific 1
Requirements 1
Status 1
Specific Changes 1

Accept Specific

Requirements

1. Enhanced server support - allow a multi-threaded server to create threads, each of which can accept incoming conversations for a different TP name. That is, allow a program to accept a conversation for a specific TP name.

Status

AD/AP status granted at 10/94 CIW.

CP status granted at 5/95 CIW.

Specific Changes

1. Chapter 4, Initialize_For_Incoming (CMINIC), Usage Notes:
   a. Add a new Usage Note:

      "Even though the program may have been initialized as a direct result of an incoming conversation initialization request, the conversation must not be coupled with the conversation_id until the Accept_Incoming call. This allows the program to issue Set_TP_Name calls between the Initialize_For_Incoming and Accept_Incoming calls to associate specific transaction program names with specific conversation_ids."
2. Chapter 4, Set_TP_Name (CMSTPN):
   a. Change the first sentence in the first paragraph in the description to be:

      "Set_TP_Name (CMSTPN) is used by the program that initiates a conversation (using the Initialize_Conversation call) to set the TP_name and TP_name_length characteristics for a given conversation."
   b. Add a new paragraph following the second paragraph (just before the note) in the description.

      "The Set_TP_Name (CMSTPN) call may also be used by the program that did not initiate the conversation to identify a specific TP_name to be accepted on a given conversation."
   c. Change the first sentence in the note in the description to be:

      "A program cannot issue Set_TP_Name after an Allocate, Accept_Conversation, or Accept_Incoming has been issued."
   d. Delete the last sentence in the note in the description.
   e. Change the sentence under Parameters, return_code, CM_PROGRAM_STATE_CHECK to be:

      "This value indicates that the conversation is not in Initialize or Initialize_Incoming state."
3. Appendix C, Table 26:

a. Change the "sc" for state 14 for Set_TP_Name to a down arrow and add a "-" in the same column for the "[ok,pc]" row.

4. Appendix C, Table 29:

   a. Change the "sc" for state 14 for Set_TP_Name to a down arrow and add a "-" in the same column for the "[ok,pc]" row.