Updates that apply to IBM® DB2® Analytics Accelerator Loader for z/OS® V2R1 User’s Guide (SC27-6777-00)

**Date of change:** August 2017  
**Topic:** Multiple  
**Change description:** Documentation changes made in support of PTF UI49497 APAR PI65840 – High availability support for Consistent and Image Copy loads

- Topic “What’s new” in chapter “Overview”  
- Topic “Restrictions and considerations for loading from a DB2 image copy” in chapter “Loading data from a DB2 image copy”  
- Topic “Accelerator Loader messages” in chapter “Troubleshooting”  
- Topics “Load Accelerator with Consistent Data panel” and “Load Accelerator from specified Image Copy panel” in chapter “Reference”

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**Topic: “What’s new”**  
Add the following description:

Accelerator Loader now provides *high availability load (HAL)* support for Consistent load and Image Copy load.

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**Topic: “Restrictions and considerations for loading from a DB2 image copy”**  
Add the following paragraph to the section “All loads from a DB2 image copy”:

The batch utility for Consistent load and Image Copy load does not support accelerator groups. Only individual accelerator names can be specified on the ACCELNAME control card. When using the ISPF interface, if you specify an accelerator group in your Consistent or Image Copy profile, the group name expands to its individual accelerator names when you build the JCL.

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**Topic: “Example JCL: Consistent load”**  
Add the following example:

In the following example, multiple accelerators will be loaded:

```sql
IDAA_CONSISTENT_LOAD
(
  GROUP
  (
    SPACE
    (
      CREATOR 'USER01'
      NAME 'TBL01'
    )
    SPACE
    (
      CREATOR 'USER01'
      NAME 'TBL01'
    )
    TO_CURRENT
  )
  ACCELNAME 'IDAAS01,IDAAS02,IDAAS03'
  PARALLEL '0,4'
  LOG_COPY_PREFERENCE R1R2A1A2
  USER_INDICATOR HLO
  ACCEL_ON_SUCCESS_ENABLE NO
  CHECK_DATA WRITE
)```

```sql```
In the following example, multiple accelerators will be loaded:

```jcl
IDAA_LOAD_IC
(GROUP
   SPACE
      (CREATOR 'USER01'
       NAME 'USER01T'
       TO_IC 'RTEST.QA1A.T21811S2.TSHLOTSA.DB2IC1'
       OBIDXLAT_CATALOG)
      ACCELNAME 'IDAAS01,IDAAS02,IDAAS03'
      USER_INDICATOR HLO
      ACCEL_ON_SUCCESS_ENABLE YES
      CHECK_DATA WRITE
      ACCEL_REMOVE_AND_ADD_TABLES)
)```

Replace the diagram with the following updated diagram:

```
IDAA_CONSISTENT_LOAD
  IDAA_LOAD_IC

  TEMPLATE
    NAME template_name
    DSN template_dsn

  GROUP
    Space Attributes
    Group Attributes

  ACCELNAME
    accelerator_name
    PARALLEL '0', '1'
    PARALLEL 'x', 'y'

  USE ABOVE THE BART primary, secondary, count

ACCEL_REMOVE_AND_ADD_TABLES
ACCEL_ADD_TABLES

NO_SYSLGRTX
CONTINUE_ON_ERROR

LOCAL_SITE
RECOVERY_SITE

IMAGE_COPY_PREFERENCE LPLBRPRBFC

IMAGE_COPY_PREFERENCE syscopyrowtypes

LOG_COPY_PREFERENCE R1R2A1A2

LOG_COPY_PREFERENCE logging_types

TARGETSSID target_table_ssid

ACCEL_ON_SUCCESS_ENABLE NO

CHECK_DATA WRITE

CHECK_DATA NO

CHECK_DATA OPERATION

USER_INDICATOR xxx
```
Space Attributes:

TO_CURRENT

TO_IC—image_copy_dsn—OBID Translation

TO_QUIESCE

TOLOGPOINT—byte_string
END_RBA—byte_string
END_LRSN—byte_string
TO_TIMESTAMP—timestamp
TO_TIMESTAMP_LOCAL—timestamp

NEW_COPY

FCCOPYDDN—template_name—

OBID Translation:

(3)

OBIXLAT_CATALOG

OBIXLAT—(OBID—s_dbid,t_dbid’—PSID—s_psid,t_psid’—OBID—s_obid,t_obid’—)

Group Attributes:

(4)

TO_CURRENT

TO_QUIESCE

TOLOGPOINT—byte_string
END_RBA—byte_string
END_LRSN—byte_string
TO_TIMESTAMP—timestamp
TO_TIMESTAMP_LOCAL—timestamp

Notes:

1. Refer to Accelerator Loader syntax for details about the valid values accepted for the IMAGE_COPY_PREFERENCE control card.

2. Refer to Accelerator Loader syntax for details about the valid values accepted for the LOG_COPY_PREFERENCE control card.

3. In the OBID Translation diagram, s_xbid is the source ID, and t_xbid is the target ID.

4. If you specify the control card at the SPACE level, you cannot also specify it at the GROUP level or vice versa. The specification of control cards at SPACE and GROUP levels is mutually exclusive.
ACCELNAME ‘accelerator_name,accelerator_name’
Specifies the names of the accelerators to load. Specify one or multiple accelerator names. When specifying multiple accelerator names, you must enclose the list in single quotes and separate each accelerator name with a comma, as shown in the following example:
ACCELNAME ‘QA1AACC1,QA1AACC2,QA1AACC3’
The ACCELNAME control card can be specified in the ISPF interface by using the Accelerator(s) field on the Load Accelerator with Consistent Data panel or the Load Accelerator from a specified Image Copy panel. If you specify an accelerator group in your Consistent or Image Copy profile, the group name expands to its individual accelerator names when you build the JCL.

Accelerator Loader messages
Add the following messages:

HLO664E   Accelerator <accelName> defined in group <groupName> does not exist.
Explanation: The <accelName> accelerator is specified in the <groupName> group but not installed on the DB2 subsystem.
User response: Select another accelerator group to load.

HLO3798E   No more than ten accelerator names are allowed.
Explanation: No more than ten accelerator names can be specified on the ACCELNAME control card.
User response: Reduce the number of specified accelerator names to ten names or less.

Load Accelerator with Consistent Data panel
Remove the Accelerator name field and description, and add the following field and description as the first option under Utility processing options:

Accelerator(s)
The individual accelerator(s) or accelerator group on which to load data. To display a list of existing accelerators or groups, use the ACCELERATOR command.

Load Accelerator from specified Image Copy panel
Replace the Accelerator name field and description with the following updated information:

Accelerator(s)
The individual accelerator(s) or accelerator group on which to load data. To display a list of existing accelerators or groups, use the ACCELERATOR command.