

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

**Date of change:** December 2017

**Topic:** Multiple

**Change description:** Documentation changes made in support of PTF UI52504 APARs PI88521 and PI90296 – DETECT\_DATA\_CHANGES updates REFRESH\_TIME of tables not refreshed; unreachable accelerators treated as offline

- Topic "What's new" in chapter "Overview"
- Topic "Restrictions and considerations for loading from an external file" in chapter "Loading data from an external file"
- Topic "Restrictions and considerations for loading table data to multiple accelerators" in "Loading DB2 table data to multiple accelerators"
- Topic "Syntax definitions: Loading multiple accelerators" in chapter "Syntax"

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## Chapter "Overview"

**Topic: "What's new"**

Add the following descriptions:

The HALOAD DETECT\_DATA\_CHANGES option updates the REFRESH\_TIME (in SYSACCEL.SYSACCELERATEDTABLES) of all tables specified on the call.

When loading from an external file to the accelerator and DB2 (Dual load), if Accelerator Loader cannot determine the status of an accelerator from the ACCEL\_CONTROL\_ACCELERATOR stored procedure, the accelerator is considered unreachable and will be treated as offline. Previously, an unreachable accelerator would have caused the load job to fail.

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## Chapter "Loading data from an external file"

**Topic: "Restrictions and considerations for loading from an external file"**

Add the following item to the list under section "Considerations for loading the accelerator and DB2":

- When loading from an external file to the accelerator and DB2, if Accelerator Loader cannot determine the status of an accelerator from the ACCEL\_CONTROL\_ACCELERATOR stored procedure, the accelerator is considered unreachable and will be treated as offline. More specifically, when the ACCEL\_CONTROL\_ACCELERATOR stored procedure call fails with the following error, the unreachable accelerator is treated as offline:

AQT10202I: The acceleratorName accelerator cannot be contacted over the network

Treating an unreachable accelerator as offline has the following impact:

- The Accelerator Loader Dual load job will report the state of the accelerator as unreachable in message HLOU5718E.
- If more than one accelerator is included in the load and at least one of them appears to be online, the online accelerators will be loaded.
- If all accelerators appear to be offline or otherwise unavailable during a Dual load, the setting of the **Load DB2 if accelerator is offline** (ACCEL\_WHEN\_OFFLINE) option successfully controls whether Accelerator Loader fails or loads only DB2.

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## **Chapter "Loading DB2 table data to multiple accelerators"**

### **Topic: "Restrictions and considerations for loading table data to multiple accelerators"**

Add the following paragraph to the section "Loading only tables or partitions that have changed since the last load":

Like the ACCEL\_LOAD\_TABLES stored procedure, the HALOAD DETECT\_DATA\_CHANGES option updates the REFRESH\_TIME (in SYSACCEL.SYSACCELERATEDTABLES) of all tables specified. This is true even when a table is not loaded because of the detectChanges="DATA" option.

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## **Chapter "Syntax"**

### **Topic: "Syntax definitions: Loading multiple accelerators"**

Add the following paragraph to the description of DETECT\_DATA\_CHANGES:

This option updates the REFRESH\_TIME (in SYSACCEL.SYSACCELERATEDTABLES) of all tables specified. This is true even when a table is not loaded because of the detectChanges="DATA" option.