Updates to DB2 Cloning Tool V3.2 User's Guide

Abstract

Updates that apply to DB2® Cloning Tool Version for z/OS® 3.2 User's Guide (SC27-6556-01)

Content

The most recent update is listed first.

Update 5

Date of change: March 2017

Topics: Multiple

Change description: For APAR PI76383, the SKIP-LOG-APPLY parameter was added to the table space cloning COPY command and to the ISPF interface so you can omit the log read and log apply process when cloning from image copies.

The following topics were added or updated:

- Topic: "Selecting the last image copy to use as the cloning source"
- Topic: "Specifying LOG-APPLY defaults"
- Topic: "COPY command syntax"
- Topic: "COPY command and keyword definitions"
- Topic: "Messages"

Topic 1: New topic "Selecting the last image copy to use as the cloning source"

Add the following topic to the "Using image copies to clone table spaces and index spaces" chapter:

> **Selecting the last image copy to use as the cloning source**
>
> If you simply want to clone from the last image copy, you can use a combination of LOG-APPLY parameters to select the last image copy and bypass applying the logs.
>
> **Procedure**
>
> In the source job, specify the LOG-APPLY parameters END-POINT (TO_CURRENT) and SKIP-LOG-APPLY(Y).
>
> **Results**
>
> When the source job is run, DB2 Cloning Tool Table Space Cloning starts with the current time and scans backwards to locate the last image copy. That image copy is used as the source for the clone.

Topic 2: "Specifying LOG-APPLY defaults"

Add the following to the "Specifying LOG-APPLY defaults" topic in the "Using the ISPF interface" chapter:

SKIP-LOG-APPLY

This field is used only when cloning table spaces from image copies. Enter YES in this field to always skip the log apply process after an image copy is selected based on the specified end point.

Topic 3: "COPY command syntax"

Add the following to the COPY command syntax topic under "Optional keywords":

[LOG-APPLY(LA-ENABLE(Y | <u>N</u>)
.
.
.
   [,SKIP-LOG-APPLY (Y | <u>N</u>)]

Topic 4: "COPY command and keyword definitions"

Add the following under "Optional COPY keywords":

SKIP-LOG-APPLY - This parameter can be used to determine whether DB2 Cloning Tool Table Space Cloning will skip log read and log apply after an image copy has been selected for cloning from source image copies. This might be necessary if you want the same data consistency as the selected image copies.

- Default: N
- Required: No
- Restrictions: Only valid when DATA-MOVER option SRCIMCPY is used
- Short form: SKIP-LA

Topic 5: "Messages"

Add the following messages:

CKZ491E   The COMMON-CONSISTENT-POINT (YES) | QUIESCE-POINT (YES) is not valid when SKIP-LOG-APPLY is set to "YES"

Explanation: The parameter that is listed in the message is not allowed if the SKIP-LOG-APPLY keyword is set to "YES" in the LOG-APPLY command.

User response: Change the value of either the parameter or the SKIP-LOG-APPLY field.

CKZ535107W   Parameter SKIP-LOG-APPLY(Y) is valid only if PGM(SRCIMCPY) specified. Defaulting to N.

Explanation: SKIP-LOG-APPLY(Y) can be used only with PGM(SRCIMCPY).

User response: Correct the input and resubmit the job or use the default value.

CKZ535109W   COPY parameter *parameter_name*(Y) is not valid with SKIP-LOG-APPLY(Y),. Defaulting to N

Explanation: The parameter value that is listed in the message is not valid with SKIP-LOG-APPLY(Y).

User response: Correct the input and resubmit the job or use the default value.

CKZG3787E   SKIP-LOG-APPLY keyword has already been coded for this run.

Explanation: The SKIP-LOG-APPLY value has already been specified for this run.

User response: Remove the duplicate keyword and re-run the job.

CKZG3788I   DB2 Cloning Tool will skip log read and log apply for this run.

Explanation: The SKIP_LOG_APPLY keyword has been enabled for this run. DB2 Cloning Tool will skip log read and log apply for this run. The target will have the same data consistency as the image copies that are selected as a source.

User response: No action is required.

CKZG3795W   If SKIP_LOG_APPLY is specified, UNIFIED or UNIFIED WARNING keywords are ignored.

Explanation: The UNIFIED or UNIFIED_WARNING keywords was specified in the batch job, but SKIP_LOG_APPLY is also enabled. When SKIP_LOG_APPLY is enabled, there is no guarantee that all the objects will have a unified end point. Therefore, the UNIFIED or UNIFIED_WARNING is not valid and is ignored.

User response: No action is required.