DSCHECK: Print/Dump Content of Data Storage Record

Use the DSCHECK function to print and dump the content of the Data Storage records in a file.

```
ADAICK   DSCHECK   FILE = file-number
                   [ISN = isn-of-record]
                   [NOOPEN]
                   [NOUSERABEND]
```

If you are running Adabas 8 or later, primary and secondary ISNs are identified in the output from an ADAICK DSCHECK run, if spanned Data Storage records are in use.

This chapter covers the following topics:

- Essential Parameter
- Optional Parameters
- Sample Output

Essential Parameter

FILE: File Number

> The number of the file for which the record is to be printed/dumped. A file number is required the first time you execute ADAICK.

> If FILE is omitted on subsequent executions, the last file accessed by ADAICK is used.

Optional Parameters

ISN: ISN of Data Storage Record

> The ISN of the Data Storage record to be printed. If ISN is omitted, the DSCHECK function prints the last ISN plus 1.

> If the Data Storage record is a spanned record, be sure to specify the primary ISN of the spanned record, not a secondary ISN of the spanned record. ADAICK utility processing assumes all specified ISNs are primary ISNs; secondary ISNs will automatically be processed.

NOOPEN: Prevent Open Resynchronization

> When starting, ADAICK normally performs a utility open call to the nucleus to assure that no blocks of the affected file or files are still in the nucleus buffer pool. However, this also locks the file for other users. Specifying NOOPEN prevents ADAICK from issuing the open call.

NOUSERABEND: Termination without Abend

When an error is encountered while the function is running, the utility prints an error message and terminates with user abend 34 (with a dump) or user abend 35 (without a dump).

If NOUSERABEND is specified, the utility will *not* abend after printing the error message. Instead, the message "utility TERMINATED DUE TO ERROR CONDITION" is displayed and the utility terminates with condition code 20.

Sample Output

Here is a sample of the output produced from an ADAICK DSCHECK run for an Adabas 8 database that makes use of spanned records. Note that the primary and secondary spanned record ISNs are identified in the report.

```
000001D9 0004   0000   LEN       130D       AB IS THE LAST FIELD IN THE RECORD
000001D9
000001D9 000A   0006   ISN       00000001    Primary ISN=1
000001D9 000E   000A   FLAGS     0081
000001D9 0010   000C   Next ISN 00000001
000001D9 0014   0010   Primary  00000001
000001DA 0004   0000   LEN       1303       BA IS THE LAST FIELD IN THE RECORD
000001DA
000001DA 000A   0006   AC2 ISN  00000001    AC2 ISN=1
000001DA 000E   000A   FLAGS     0041
000001DA 0010   000C   Next ISN 00000002
 000001DA 0014   0010   Primary  00000001
```