FMXIO : Parallel LFIOP I/O Operations

Parameter	Specify . . .	ASYTVS=	Minimum	Maximum	Default
FMXIO	the maximum number of parallel I/O operations by LFIOP flush processing.	YES NO	1 1	16 100	1 60

The LFIOP parameter enables asynchronous buffer flush operation and sets the I/O pool size. The FMXIO parameter sets the limit on the number of I/O operations that can be started in parallel by LFIOP flush processing.

Parameter Dependencies

The precise meaning of the FMXIO parameter depends on the setting of the ASYTVS parameter):

- When ASYTVS=YES (perform buffer flushes by volume), FMXIO specifies the number of I/Os to be started in parallel *on each volume*. The minimum and default number is 1; the maximum number is 16. If the specified number exceeds that, it is automatically reduced to 16.

- When ASYTVS=NO (perform buffer flushes in ascending RABN sequence, without regard to the distribution of the blocks over volumes), FMXIO specifies the number of I/Os to be started in parallel overall. The minimum number is 1; the maximum value is 100; and the default is 60.

Example:

A maximum of 30 I/O operations for asynchronous buffer flushes can be started in parallel:

```
ADARUN PROG=ADANUC,ASYTVS=NO,FMXIO=30
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Dynamic Modification

The setting of FMXIO can be modified dynamically using the command FMXIO=nnn from the operator console or the Modify Parameter function of Adabas Online System.