

# DSPnnn-Cluster Data Space (ADADSP) Messages

ADADSP messages apply only to Adabas Parallel Services.

All of the following messages are printed first to the system log and then later to the Dssdddd dataset that was automatically created for cluster data space message output.

Each message begins with a timestamp in the format "hh:mm:ss", a jobname, and a database ID, which is shown as five numeric characters with leading zeros.

## Overview of Messages

DSP001 | DSP002 | DSP003 | DSP004 | DSP005 | DSP099

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**DSP001**      **INITIATING DBID=dbid SVC=svc**

**Explanation:** ADACOM is starting the Adabas Parallel Services cluster based on settings provided by the first cluster nucleus to start.

**DSP002**      **DATA SPACE ACQUISITION AUTHORITY ACQUIRED**

**DSP002**      **DATA SPACE ACQUISITION HANDLED BY JOB jobname**

**Explanation:** Data space acquisition authority is granted to the first ADACOM to start and the name of that ADACOM job is displayed. Subsequent ADACOMs set to manage the same DBID will not be granted the authority to allocate data spaces, since they have already been allocated.

**DSP003** DATA SPACE BEING ALLOCATED IS { CACHE | LOCK | MESSAGE }

**DSP003** NAME IS data-space-name

**DSP003** { SIZE IN DECIMAL BYTES: number-of-bytes | NOT ALLOCATED -  
LENGTH IS ZERO | NOT ALLOCATED - SIZE IS LESS THAN 4096 BYTES }

**DSP003** { FUNCTION COMPLETED NORMALLY | DATA SPACES ALREADY  
ALLOCATED }

**Explanation:** ADACOM is in the process of allocating a data space of the specified type (cache, lock, or message) with the specified name and the specified size. Data spaces are allocated only if a valid size is provided: see the ADARUN CLUCACHESIZE and CLULOCKSIZE parameters.

The operating system does not allow data spaces with sizes less than 4096 decimal bytes (internal error). If the allocation parameters are valid, the data spaces are allocated when the first cluster nucleus starts. Once data spaces are allocated for a cluster, they are not reallocated when subsequent cluster nuclei start.

**Action:** If you receive a sizing error, review your ADARUN parameters, correct the error, and restart ADACOM. All other messages are for information only and require no action.

**DSP004** UNABLE TO DELETE/EXIT - NUCS UP

**DSP004** CHECKING EVERY 5 SECONDS

**DSP004** NEXT MESSAGE IN 5 MINUTES

**Explanation:** This message occurs when an ADAEND, P, or CANCEL command have been issued for ADACOM, but data spaces are still allocated for clusters that it manages.

**Action:** ADACOM should come down automatically when the last cluster nucleus terminates. If it does not, issue a CANCEL command to terminate it.

**DSP005** DATASPACE BEING DELETED IS data-space-name

**DSP005** { FUNCTION COMPLETED NORMALLY | ERROR: ABEND CODE  
abend-code, REASON CODE reason-code | ERROR: RETURN CODE ret-code,  
REASON CODE reason-code }

**Explanation:** The specified cluster data space is being deleted. Either the deletion is completed successfully or an IBM error code and reason code are returned.

**Action:** If the data space is successfully deleted, no action is required. If an IBM error and reason code are returned, refer to your IBM manuals to identify and correct the specified error.

**DSP099**      **SVC=svc, DBID=dbid FUNCTION EXITING**

**Explanation:** The specified Adabas Parallel Services cluster is terminating.