

# DTP : Distributed Transaction Processing Control

Parameter	Specify . . .	Possible Values	Default
<u>DTP</u>	whether to enable distributed transaction processing and, if so, whether the nucleus is to be a resource or transaction manager.	NO   RM   TM	NO

The DTP parameter controls the distributed transaction processing status of the Adabas nucleus. If Adabas Transaction Manager is not installed on a separate nucleus in your system, specifying this parameter may cause an error.

<b>Value</b>	<b>Meaning</b>
NO	(default) The nucleus does not support distributed transaction processing.
RM	<p>The nucleus is to participate in distributed transaction processing as a resource manager (RM) with other resource managers (databases) coordinated by a transaction manager. This setting is only possible when</p> <ul style="list-style-type: none"><li>- MODE=MULTI</li><li>- READONLY=NO</li></ul> <p>If you have Adabas Transaction Manager Version 7.4 or earlier installed and if DTP=RM, the LDTP parameter specifies the size of the Work part 4 area that the nucleus uses to keep information about distributed transactions.</p> <p>If you have Adabas Transaction Manager Version 7.5 or later installed and if DTP=RM, the LDTP parameter specifies the size (in blocks) of the WORK4 index which is used to administer the data on DDWORKR4.</p>
TM	<p>The nucleus supports distributed transaction processing as a transaction manager (TM). Only one such nucleus is allowed per operating system instance. This setting is only possible when</p> <ul style="list-style-type: none"><li>- MODE=MULTI</li><li>- the nucleus is not part of a cluster (Parallel Services or Cluster Services)</li><li>- LOCAL=NO</li><li>- READONLY=NO</li></ul>

**Example:**

The nucleus will participate as a resource manager in a distributed transaction processing system coordinated by a transaction manager.

```
ADARUN PROG=ADANUC,DTP=RM
```