

# Required Environment

This part of the documentation describes the environment settings required for running Adabas Cluster Services.

The chapter covers the following topics:

- Parallel Sysplex System
  - Software AG Product Environment
  - Sysplex System Prerequisites
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## Parallel Sysplex System

One or more OS/390 or z/OS operating system images defined as members of a parallel sysplex are required

- connected with an IBM Sysplex Timer <sup>TM</sup>; and
- connected to a coupling facility; and
- running OS/390 version 2 (release 10), *or* z/OS (version 1, releases 1-4), *or* z/OS.e \* (releases 3-4)

\* Support for z/OS.e is currently restricted to client programs executing in batch, or under TSO or Com-plete.

## Software AG Product Environment

Adabas Cluster Services version 7.4.2 requires Adabas version 7.4.2. Please check ServLine24 for cluster-related Adabas zaps when installing Cluster Services.

Adabas Cluster Services version 7.4.2 requires Entire Net-Work version 5.8 or above. The necessary components of Entire Net-Work are delivered with Adabas Cluster Services.

The following Entire Net-Work ZAPs must be applied to version 5.8:

ZAP	Solves a problem with...
WM58028	the interaction between Entire Net-Work and the Adabas 7.4 SVC.

If you install Adabas Online System (AOS), either the demo version delivered with Adabas 7.4 or the version 7.4 selectable unit is required. AOS is compiled under Natural version 3.1 and runs on that and all subsequent versions of Natural.

The full version 7.4 selectable unit is required for the triggers and stored procedures facility. The triggers and stored procedures facility is compiled under Natural 3.1 and runs on that and all subsequent versions of Natural.

## Sysplex System Prerequisites

An operational IBM parallel sysplex environment is required. This includes the necessary hardware to support the configuration, the necessary links and channels for connectivity, and the power to provide the required performance during peak production periods.

Adabas Cluster Services uses

- a coupling facility cache structure
- a coupling facility lock structure
- multiple protection logs, command logs, and Work datasets on shared DASD

For testing purposes only, the hardware, operating system, and software environment may be totally different. You may simulate the sysplex cluster using a series of LPARs, including the coupling facility itself. However, under these circumstances, system performance cannot be accurately measured.

### Special Technical Requirements

Adabas Cluster Services requires a viable parallel sysplex environment if it is to provide 24x7 availability for an indefinite period of time. The knowledge and experience required to implement and maintain such an environment should be acquired from IBM.