

Required Environment

This chapter covers the following topics:

- Operating System Environment
 - Software AG Product Environment
 - Applying Zaps to Parallel Service Components
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Operating System Environment

Adabas Parallel Services version 7.5 requires

- OS/390 version 2, release 10
- z/OS version 1, releases 1-4
- z/OS version 1, release 5 if you want to use global cache in shared 64-bit addressable storage (parameter CLUCACHETYPE=V64)
- z/OS.e *, releases 3-4
- VSE/ESA version 2, releases 5, 6, and 7
- BS2000: For information on the BS2000 OSD versions supported by this release of Adabas Parallel Services, access Software AG's ServLine24 web site at <http://servline24.softwareag.com/public/>. In the left menu of this web page, expand **My ServLine24** and log into Secured Services. Once you have logged in, you can expand **Products** in the left menu of the web page and select **Product Roadmaps** to access the Product Version Roadmaps application. This application allows you to review platform support information for specific Software AG products and releases.

* 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 Parallel Services version 7.5 requires Adabas version 7.4.2 or later. The FRZ.ADA744.MVSLX01 dataset, included with Adabas 7.4.4, includes all the current LX dataset maintenance available to use Adabas Parallel Services 7.5.1 with Adabas 7.4.4 or its prior releases.

If, however, you have only Adabas 7.4.2 installed, the following zaps must be applied if Adabas Parallel Services version 7.5 is to function properly:

- AI742026
- AI742027

- AI742029
- AN742149

In z/OS or OS/390 environments, the following additional zaps must also be applied to Adabas 7.4.2 systems:

- AO742020
- AO742021

For BS2000 environments, Software AG recommends that you use Adabas version 7.4.4. If, however, you are using Adabas 7.4.3, you must apply zap AB743002. In addition, if Adabas version 7.4.2 is used, the following additional zaps must be applied:

- AB742015

AB742019, AB742020, and AB742021

AB742023, AB742024, and AB742025

AB742027

AB742029 through AB742036

AB742045

Note:

AB742030 needs an expansion to ADAMP2 (for more information, please see the description of this zap).

- AI742001

AI742019

AI742026

AI742028

AI742038

AI742039

- AN742026

AN742032

AN742044

AN742048 and AN742049

AN742064

AN742087

AN742101

AN742105 and AN742106

AN742216

AN742221

- AU742006

AU742012

If you are using Adabas 7.4.2 in VSE environments, the following additional zaps must be applied:

- AD742009
- AD742019
- AD742020
- AD742023
- AD742053

Please check ServLine24 for cluster-related Adabas zaps as well, when installing Adabas Parallel Services version 7.5.

If Entire Net-Work 5.8.1 is installed, the following zap must also be applied: WM58074M.

If you install Adabas Online System (AOS), either the demo version delivered with Adabas 7.4 or the version 7.4 AOS 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 AOS selectable unit is required for the triggers and stored procedures facility.

Applying Zaps to Parallel Service Components

Usually zaps for Parallel Services nuclei can be applied and made active one nucleus at a time. That is, individual nuclei can be shut down, have the zap applied, and be brought up again without ever shutting down the entire cluster. This is the default way of applying zaps, which is in effect if the zap description does not explicitly state otherwise.

In some cases, it may be possible that applying and activating a zap one nucleus at a time would introduce erroneous behavior in the nuclei that have not yet been zapped. If this is the case for a zap, it will be clearly indicated in the zap description, and instructions will be given for how to apply and activate the zap properly.

Zaps to the SVCCLU component of the Adabas router (Adabas SVC), as well as the ADACOM task/job, always require the shutdown of the entire cluster before they can be activated, since every Parallel Services cluster works with only one router (SVC) and one ADACOM, and since both must stay active as long as the cluster is active.