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***** ReadMe.txt                                    *****
***** Adabas Manager                                *****
***** Version 9.0                                   *****
*****                                               *****
***** This file last updated: 30 August 2021        *****
*****                                               *****
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This file contains important information you must read before using Adabas
Manager 9.0.

Contents:
A. About Adabas Manager

B. Software Requirements

C. Installation and Configuration

D. New Features, Compatibility and Prerequisites

E. Updating Existing Environments

F. Known Problems

Please explore the Adabas Manager documentation
on the Software AG web site:

https://documentation.softwareag.com/

The documentation on this site will be updated as required.

A. About Adabas Manager
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Adabas Manager is an application with a browser-based graphical user
interface for administering and monitoring Adabas databases running on one
or more Linux and Windows hosts.

Common administration tasks performed by Adabas Manager include:
  • listing databases and files
  • creating/deleting databases
  • starting/stopping databases
  • viewing and modifying database parameters
  • managing database containers and queues
  • viewing statistics, buffer pools and information about high water
    marks
  • adding/deleting files

Adabas Manager can also manage Entire Net-work products such as Entire Net-
Work clients, servers, and kernels. Some of these tasks include:
  • modifying kernel parameters
  • adding new kernels
  • starting and stopping kernels
  • setting the traces of servers and kernels
  • adding new connections between kernels

Adabas Manager can use authenticated access to mainframe kernels in order
to:
  • display zIIP statistics
  • modify the parameters, drivers and links of a mainframe kernel.

Adabas Manager can list Adabas mainframe databases and files, and display
some of their parameters as well.

Adabas Manager can administer Adabas Auditing Server, for example, by
creating and modifying objects such as subscriptions, destinations, filters
and format buffers.

New Architecture

Adabas Manager Version 9.0 has a new architecture compared to the
architecture of 8.6. This new architecture uses an internal proxy server
(Adabas Manager Runtime Server) to make API calls to various backend
servers (e.g. Adabas REST server and Adabas Manager Communicator). The
browser GUI application is a web application that runs on NestJS (Adabas
Manager Runtime Server) and listens to port 4990 (default).

Adabas Manager Communicator (AMC) is needed to connect Adabas Manager with
the suite of Entire Net-work products and Adabas mainframe via Software AG
Directory server (ADI). AMC can be installed remotely from Adabas Manager.

Dropped Features

The database health dashboard from earlier versions will no longer be
supported.

The role-based security from Versions 8.2 and 8.3 is no longer supported. It has been replaced by a lean authentication process on the Adabas Manager side.

Please see the documentation for more detailed instructions on using Adabas Manager.

B. Software Requirements
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Installing and running Adabas Manager requires no additional components to be installed on the node where it is running. When you select Adabas Manager in the product selection tree of the Software AG Installer, the installer will automatically preselect all shared and infrastructure components. No further Adabas components are required in the Adabas Manager installation environment. For detailed information please refer to the Installation documentation.

C. Installation and Configuration
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Adabas Manager works with the following software components installed either locally on the node where the Adabas Manager is running, or remotely on different hosts in a distributed environment:

- Adabas RESTful Administration Server is called to administer and monitor Adabas environments. It is installed together with the Adabas Server.
- Adabas Manager Communicator (AMC) is called to administer the suite of Entire Net-Work products, such as Entire Net-Work clients (WCL), servers (WCP) and kernels. AMC can be installed locally or remotely from Adabas Manager.
- Adabas Directory Server (ADI) provides central management of directory services for the suite of Entire Net-Work products, which are registered to it. AMC looks into the list of WCL, WCP and kernels registered in ADI and returns the information to Adabas Manager.

Adabas Manager 9.0.0 stores the host configuration for Adabas RESTful Administration Server, AMC and Adabas Audit Server in a single file (*host_<user-id>.config*) for each user in the folder *<Software AG Installation Folder>\AdabasManager\config*.

CORS should be enabled in Adabas Manager Communicator (AMC) for Adabas Manager to connect to Entire Net-Work and administer it. This can be done on one of the panels during the installation.

The flag *ENABLE_CORS=YES* is stored in the *<Software AG Installation Folder>\AdabasManagerCommunicator\config\amc.properties* file.

To allow all connections to Adabas Manager Communicator:
*ALLOW_ORIGIN=**

To allow specific Adabas Manager instances to connect:
ALLOW_ORIGIN=http://<host>:<port> (for example *http://amn.com:4990*)

D. New Features, Compatibility and Prerequisites
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Adabas Manager supports Adabas databases of version 6.5 and higher. A
conversion of version 6.5 or 6.6 databases is not required as long as they
are running with the corresponding Adabas Server version. However, new or
enhanced Adabas Manager features require Adabas version 6.7 (or above) and
are only available with the latest supported versions of all required
components. New features in Adabas Manager 9.0.0 include but are not
limited to accessing parameters of Adabas Encryption for Linux,
authentication to mainframe kernels and administering Adabas Auditing
server.

The required component versions for the latest Adabas Manager 9.0.0
features are:
  • Adabas Server 6.7 or above
  • Adabas RESTful Administration Server 6.7 or above
  • Adabas Manager Communicator 2.3 or above
  • Entire Net-Work Server (LUW) 7.9.1 or above
  • Entire Net-Work Client 1.8.1 or above
  • Adabas Directory Server 5.9.1 or above
  • Adabas Mainframe 8.5.2 or above
  • Adabas SAF Security 8.2.2 or above
  • Entire Net-Work Server (mainframe) 6.5.2 or above

We recommend applying the latest fixes directly after the installation of
Adabas Manager 9.0.

Important Note:

If you are using Adabas 6.5 and 6.6 and you do not intend to convert to
Adabas 6.7 or above, we recommend that you apply the latest fixes.

There is no plan to provide fixes (for backward compatibility) to older
versions such as Entire Net-Work Server 7.8.0, Entire Net-Work Client 1.7.0
and Software AG Directory Server 5.8.0 so that they can be administered by
Adabas Manager 9.0.0.

E. Updating Existing Environments
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To make use of the new Adabas Manager, the following steps for existing
environments are recommended:

1. Upgrade your Adabas Manager installation.
Backup the host config files, uninstall your current Adabas Manager
installation and install the new Adabas Manager Version 9.0.
Alternatively, do a side-by-side installation of the new 9.0 version. Apply
the latest fixes for Adabas Manager 9.0.

2. To use the Adabas version 7.0 environment
Install Adabas version 7.0 together with the Adabas RESTful Administration
component for all needed Adabas server environments. Apply the latest
available fixes of ADA 7.0 and Adabas RESTful Administration 7.0 via
Software AG Update Manager (SUM).

3. To keep using the Adabas version 6.5 or 6.6 environments
Check that the latest fixes for these versions are installed.

Do a parallel installation of the Adabas RESTful Administration Server version 7.0.

F. Known Problems
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Starting database immediately after stopping database

As databases take some time to go completely offline from one of the shutdown options (e.g. shutdown, cancel or abort), there is a possibility that an AIF00651 error message (i.e. "AIF00651 Failed to launch ADASTART") will be given when trying to re-start the database *immediately* after shutting it down (especially with the "cancel" option). If this error message is encountered, please click the 'Start' button to start the database again.

Logging into Adabas Manager on Linux with Operating System User-ID

In the event that the local Linux user authentication does not work, please do the following to reactivate the local Linux user authentication:

AMNPAM module for local Linux user authentication

1. Please perform Linux command "*ls –la*" to check that */etc/pam.d/amn-auth* is linked to *<installation dir>/AdabasManager/etc/amn-auth*. If not found, please create a soft link as shown below:

   sudo ln –s /etc/pam.d/amn-auth
   <installation_Dir>/AdabasManager/etc/amn-auth

2. Please execute command "*systemctl status *amnpam*" to check that *sag<N>amnpam* is active.

   <N> denotes the relevant Software AG Installer-id. To check it, go to *<your AMN install folder>/bin*, and look for the line that contains *"systemctl start …amnpam"* in the script *"afterInstallAsRoot.sh"*.
   To start the daemon, please perform "*systemctl start sag<N>amnpam*" at Linux command prompt.

Failed to get the list of Format Buffers, Subscriptions, Filters or Destinations in Adabas Auditing Server

Due to poor network performance, it could happen that the list of Format Buffers, Subscriptions, Filters or Destinations fails to load initially when accessing Adabas Auditing Server. To correct this, please click the 'refresh' icon at the top right corner of each table. This will load the objects again to the list.

Replacing an existing output file

Currently, it is not possible to replace an existing file in the file system (Windows or Linux). Please output to a new file (i.e. new file name) when creating a new FDT file, exporting an Adabas file, backing up an Adabas database, etc.

The https://documentation.softwareag.com web site may contain more current information