Antonym Installation Instructions

Introduction

This document provides instructions to install **Antonym Release 4.5.2** for Oracle/DB2/MSS databases.

Installation must be performed using the Antonym Install Wizard as well as some manual steps.

Installation workflows and procedural steps to install Antonym 4.5.2 on servers running on Windows and Linux Operating Systems are provided in separate sections of this guide.

Antonym Release 4.5.2 Support

Antonym Release 4.5.2 supports:

- For Oracle Database

    - Oracle 12c – Apache Tomcat (Version 8.0.29 and 8.5) and WebSphere LP 16.0.0.3

- For DB2 Database

    - DB2 – Version 10.5 and 11 – Apache Tomcat (Version 8.0.29 and 8.5)

- For MS SQL Server Database

    - MSS 2014 and 2016 – Apache Tomcat (Version 8.0.29 and 8.5)

System Requirements

Hardware

Database Server

Minimum	Recommended	Optimum for Scalability
CPU x2	CPU x4	CPU x8
RAM 4 GB	RAM 32 GB	RAM 64 GB
HD 500 GB	HD 1TB	HD 1TB
Network Card		
OS 64 bit Windows or Linux		

Application Server

- 32 GB RAM is the minimum for a workable system. 64GB is recommended. Additional RAM in above multiples is advised for optimum scalability.

- Dual Core (CPU 2GHz minimum) for up to 100 users.

NOTE: You must have local administrator rights to install database, application server and Antonym Client.

Installation Options

Antonym Release 4.5.2 can be installed on **Windows or Linux Operating Systems** (Server side).

There is the option to install either **Apache Tomcat** or **WebSphere Liberty Profile** as the web server for Antonym.

NOTE: The Antonym Client side runs on Windows Operating System only.

Server Operating System - Windows

The following are installation steps for server side running on Windows OS.

Database Installation

1. Download the Installation Wizard
2. Install Database – Oracle/DB2/MSS
   a) Create a database instance
   b) Create a security login ID
   c) Create a new schema, DB, tablespaces and tables
3. Extract and prepare Prime and Training database tables using the Wizard
4. Import data using the IXF utility
5. Extract, edit and execute DDL scripts

more detailed instructions

Antonym Server Installation

1. Install Antonym Server using the Installation Wizard
2. Configure Antonym Server
3. Setup Tomcat
4. Run Data Conversion

more detailed instructions

Apache Configuration

NOTE: This is optional but can be used to set up multiple Web servers (subject to J2EE application server type)

1. Create a Workers.properties file
2. Configure Load Balancing
3. Configure Tomcat Files
4. Test Load Balancing

more detailed instructions

Antonym Client Installation

1. Install Antonym Client Release 4.5.2 using the Installation Wizard
2. Configure Antonym Client
3. Install License File
4. Update User Profiles
    a) Grant User Access
    b) Global update to Job Function Template
    c) Update individual user profiles
5. Customize Language File
    a) Language Table
    b) Update Language
6. Run database optimization scripts

NOTE: Antonym Release 4.5.2 Client Upgrade must be performed using the Installation Wizard. The Client Upgrade can be performed at any time.