

# Installation Guide

ZKBioSecurity

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# Before Installation

## Configuration Requirements

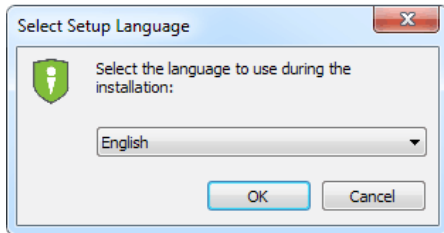
- CPU: Master frequency of 2.0G or above.
- Memory: 4G or above.
- Hardware: Available space of 10G or above. We recommend using NTFS hard disk partition as the software installation directory.
- Monitor Resolution: 1024\*768 px or above.

## Operating System

- Supported Operating Systems: WindowsXP/Windows7/Windows8/Windows8.1/Windows Server 2008(32/64)
- Supported Databases: PostgreSQL
- Recommended browser version: Internet Explorer11+/Firefox27+/Chrome33+

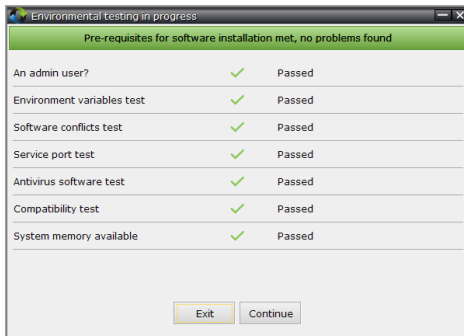
## Installation Steps

1. Right click the **Setup.exe** in the installation package, select **Run As Administrator**:



Note: System supports simplified Chinese, English and Spanish. Click the drop-down box to choose suitable language and click **【OK】** .

2. Environment Testing:



Note:

- Before installing, please disable antivirus software in the system.
- If the `% SystemRoot % \ system32` does not exist in the environment variable path, please add.
- When ports occupied, please make modifications.
- If detected the machine has been installed the same type of low version of software, it

will prompt that the original software related services will stop if continue installing. After Continuing installing the software, the system will automatically migrated to a new database from the original software database. Currently only support ZKAccess5.2 data migration.

→ If there is anomaly detection, the interface will give corresponding tip:

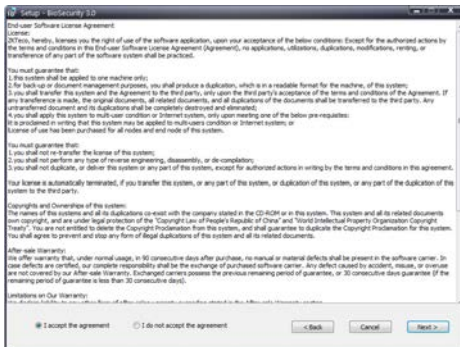


Click the error area, related explanation will pop-up.

3. There is no anomaly detection, click **【Continue】** :



#### 4. Click 【Next】 :





5. Select **I accept the agreement**, click **【Next】** , setup sever port:



Note: Server port is 8088 by default.If the port is occupied, please modify but avoid occupied port. It can't be same with database port 5432 and redis port 6380.

Check **Exception for adding firewall** box to avoid preventing the program running.

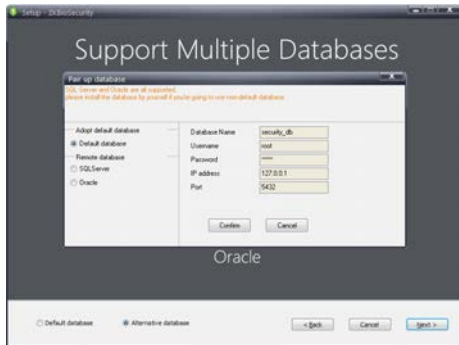
Note:To use SSL function, please select the HTTPS port. It is 8448 by default.

6. Click **【Next】** to select installation path:



Note: You can custom the installation path. The software requires at least 584.2 M space, please ensure the installation path you selected has enough space.

7. Select database, you can choose Default database (go directly to the next step); you can also choose Alternative database (need to install database before installing the software, and configure the database).



Select Alternative database will pop up the configuration database window, configure the following information:

Database Name: security\_db;

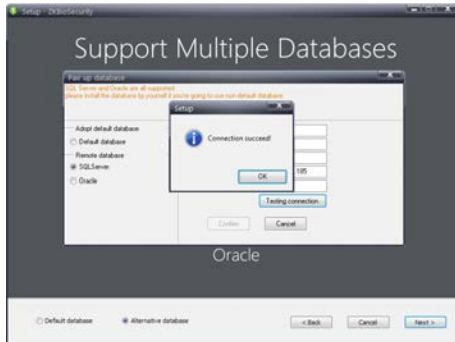
Username: The user name of the login database;

Password: The password set during the configuration of the database;

IP address: The database server name, you can open the database management tool to view, or directly copied;

Port: The port number set when configuring the database;

After setting, click [Testing connection], the system prompts "Connection succeed!".



8. Click **【Next】** to setup backup document path:



Note: System scan to position to the largest available drive space and new a folder named securitydbbak. You can also custom the path.

9. Click **【Next】** :

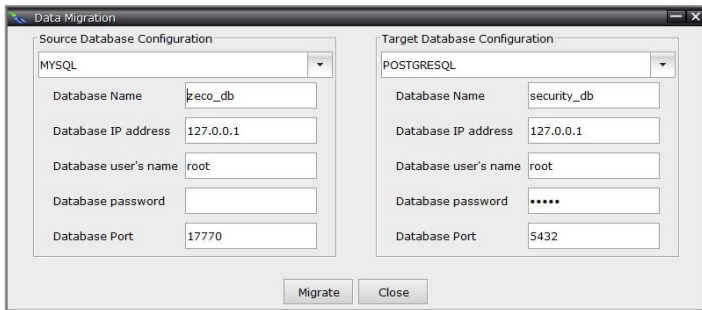


Note: Click **【Cancel】** to quit the installation, click **【Back】** to reset the settings.

10. Click 【Install】 :



Note: If the system has been installed ZKAccess5.2 or 5.3, the data migration will be carried out. In the migration, the system will read ZKAccess5.2 or 5.3 database configuration file and the connection parameters. As shown in the figure below:



The image shows a 'Data Migration' dialog box with two main sections: 'Source Database Configuration' and 'Target Database Configuration'. The 'Source' section is for a MySQL database named 'zeco\_db' on IP '127.0.0.1' with user 'root' and port '17770'. The 'Target' section is for a PostgreSQL database named 'security\_db' on IP '127.0.0.1' with user 'root' and port '5432'. Both sections have a 'Database password' field, which is empty in the source and masked with dots in the target. At the bottom are 'Migrate' and 'Close' buttons.

| Field                | Source Database Configuration (MYSQL) | Target Database Configuration (POSTGRESQL) |
|----------------------|---------------------------------------|--------------------------------------------|
| Database Name        | zeco_db                               | security_db                                |
| Database IP address  | 127.0.0.1                             | 127.0.0.1                                  |
| Database user's name | root                                  | root                                       |
| Database password    |                                       | .....                                      |
| Database Port        | 17770                                 | 5432                                       |

Click **【Migrate】** . In the migration , the target database will be backup. Once the migration is failed, it restored.



11. Waiting for the system to complete the installation, click **【Finish】** , restart the server to complete the installation.

