



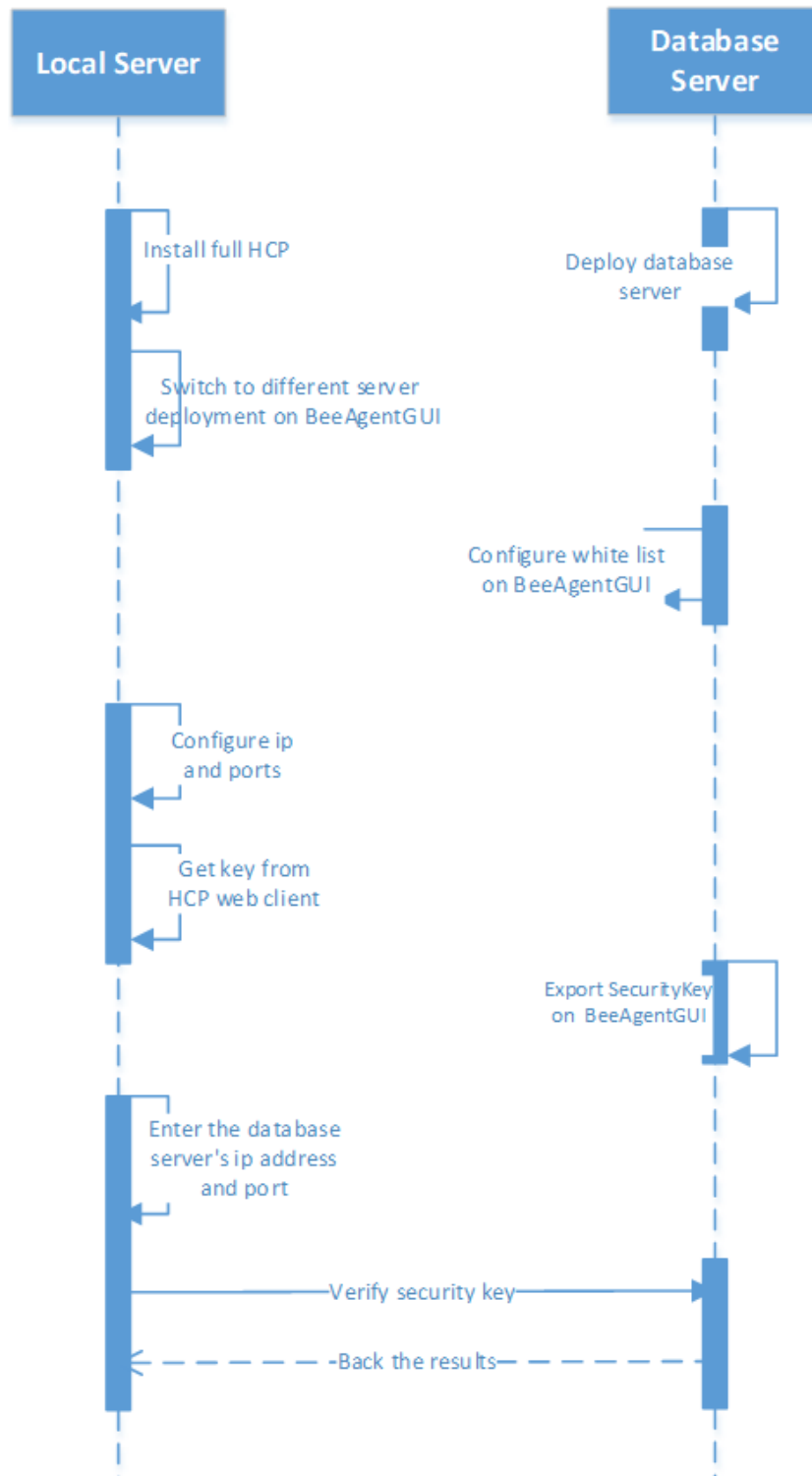
**HCP Database Distributed Deployment
Operation Guide**

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August 2023

1 Solution Introduction

In order to maximize user data security, HCP currently supports heterogeneous deployment of databases, where HCP's central services and plugins are installed on one server, while the other server only installs platform database services. The specific business logic topology is as follows:



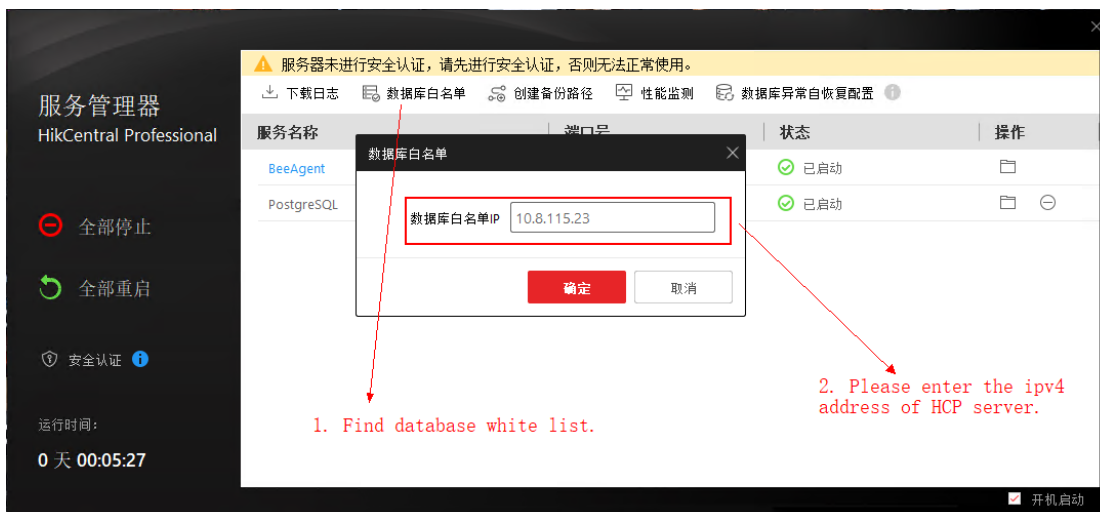
2 Installation and Deployment Process

[Note]: The HCP version used in this article is the baseline version of HCP 2.4.1. Please refer to other versions for instructions.

- 1) Download the HCP 2.4.1 full installation package on the **server that requires the installation of database services**
- 2) Run the HCP 2.4.1 installation package as administrator, unchecks the system management service and control client, and only selects Database Server and Normal mode for installation. The installation path can be customized, and other options are not checked by default.



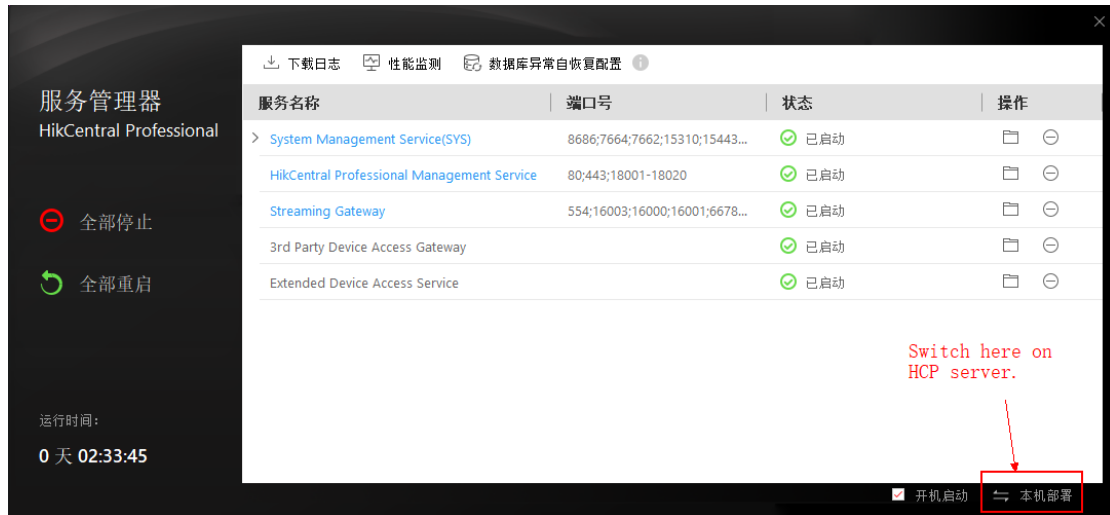
- 3) After completing step 2, click on the database whitelist on the watchdog interface of the **database server** to configure it. You need to fill in the IPV4 address of the central server.



4) Download the HCP 2.4.1 baseline installation package on the **HCP central server**, install the system management service, client, and select normal installation mode by default.

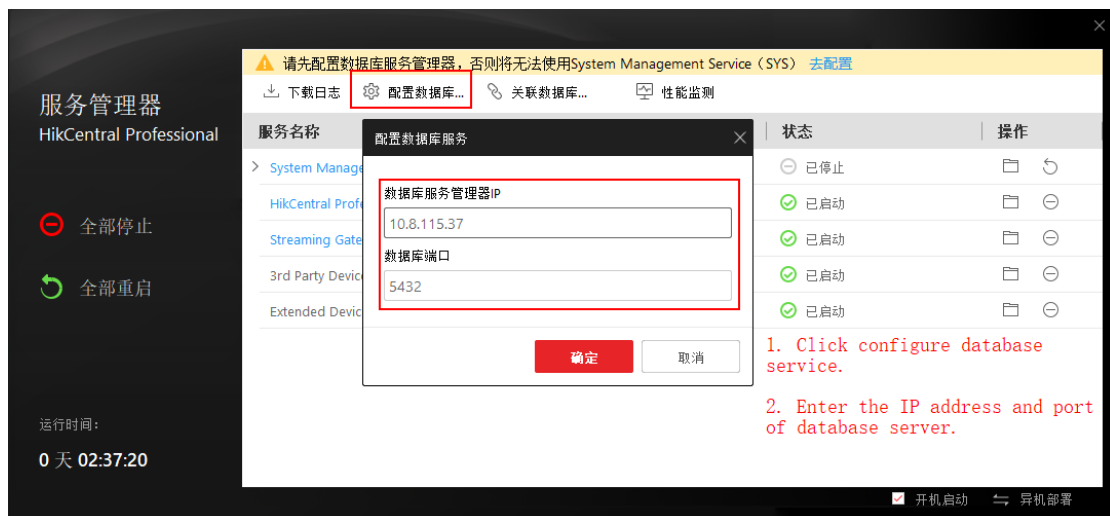


5) Click in the bottom right corner of the watchdog interface of the **HCP central server** to switch to heterogeneous deployment mode



6) After completing step 5 above, click on Configure Database Service on the watchdog interface of the **HCP central server** and manually fill in the IP address and database port of the database server.

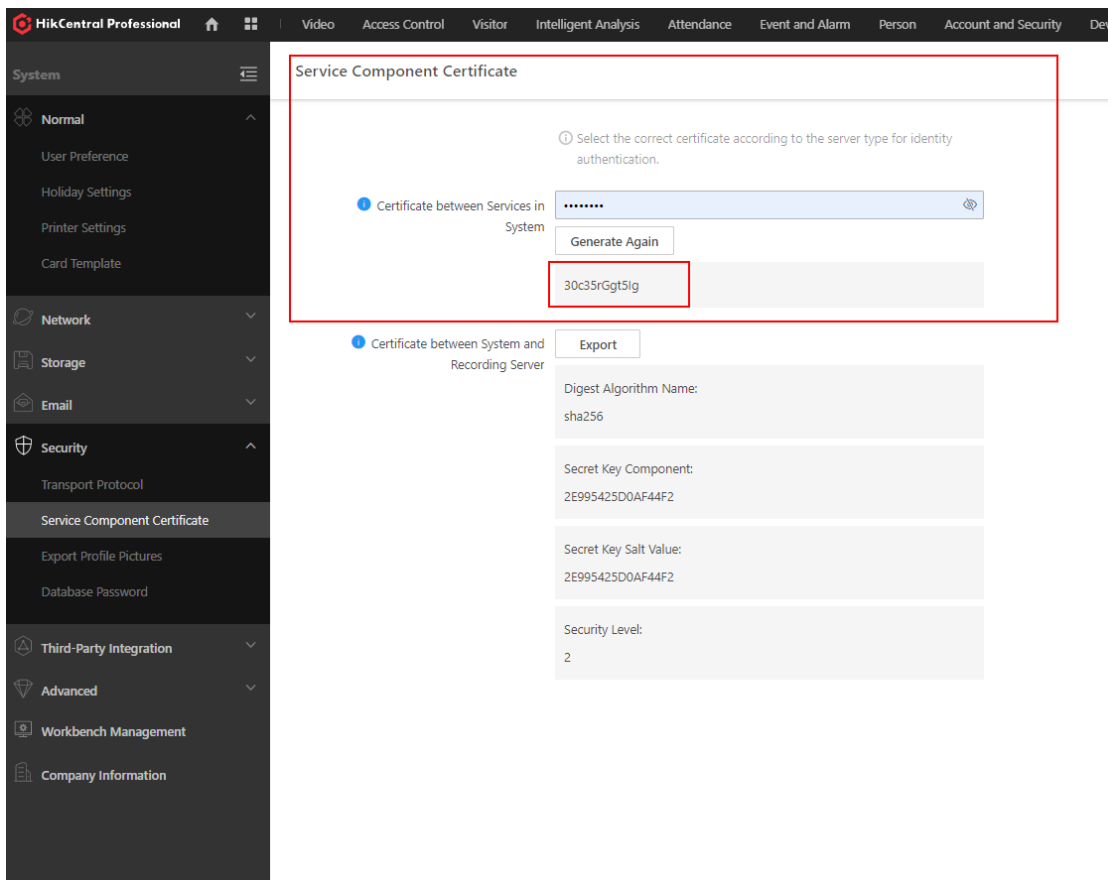
[Note]: The default port for the database is 5432, which can be obtained from the watchdog on the database server





7) Log in to the HCP webpage, click System – Security - Service Component Certificate, find the Certificate between Services in System option, and export the key.

[Note]: There is no need to enter the password of admin to regenerate the key here. If regenerated, it may cause subsequent verification to fail.



8) Import the verification key generated in step 7 above **on the database server**



9) Click on Link database service manager **on the HCP server** and fill in the IP address and port of the database management server again. The port here can be obtained from the watchdog interface in the database server, as shown in the screenshot below.



[Note]: Port 9208 is the communication port between HCP and the database of another machine, while port 8208 is the communication port between HCP and the BeeAgent service on the database server.

10) When a green √ appears in the watchdog interface of the **HCP server** where the database management server is associated, it indicates that the heterogeneous deployment of the database has been completed and the connection has been successfully established.

