

BigAnt Messenger Server Manual

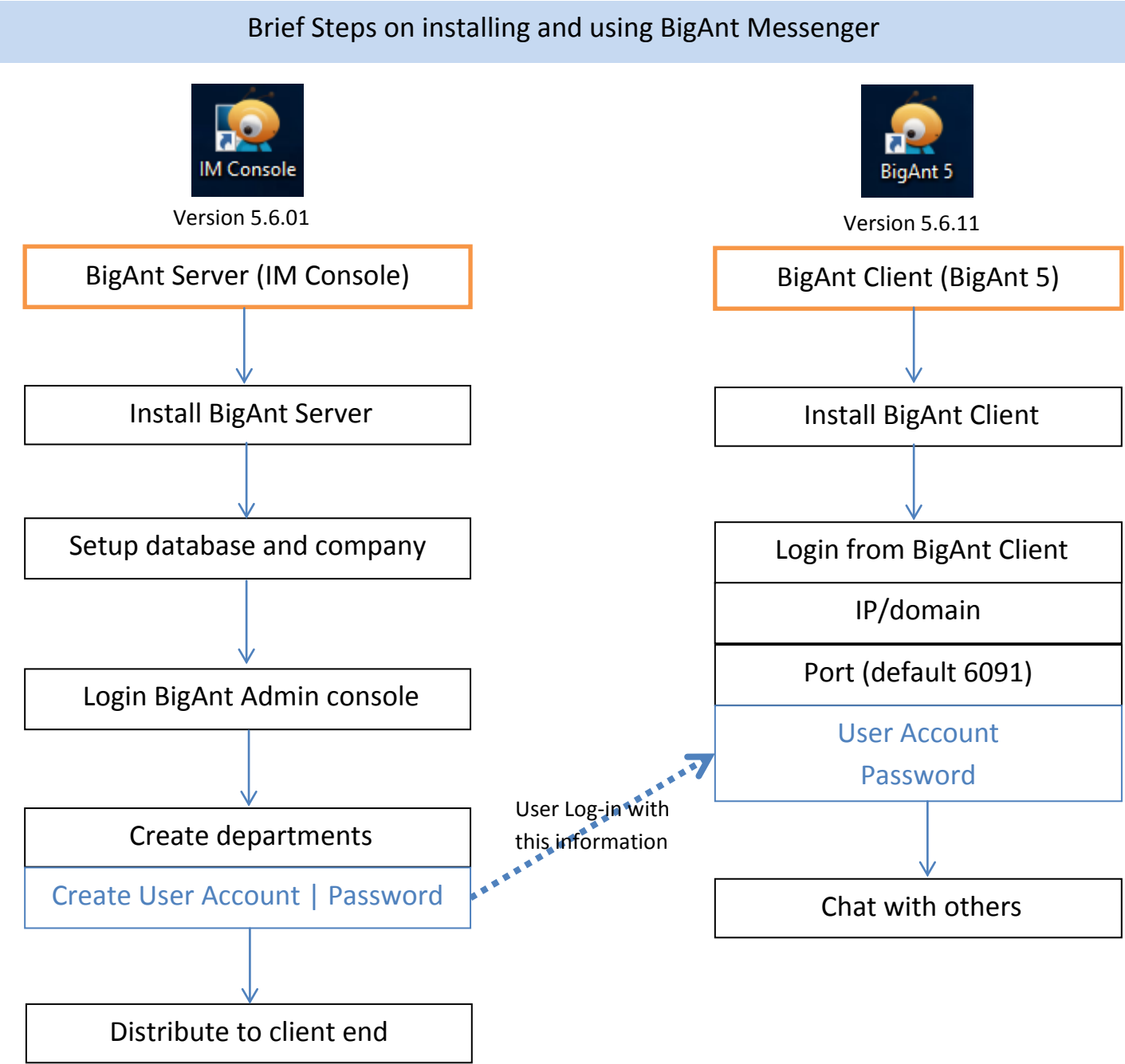
5.6.01 version

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Welcome using BigAnt messenger

Many thanks for choosing BigAnt messenger, an instant messaging solution for your enterprise, this document instructs you how to install and configure BigAnt server/client program



System Requirements (for BigAnt Messenger server)

- Windows 10/7/XP
- Windows Server 2016/2012
- 10G disk space or more
- 2G RAM or above
- 64-bit based operating system
- No previous version BigAnt installed (Or clearly removed)

Notes before install

Clearly remove BigAnt server console, if it was previously installed

This is important, as the previously installed BigAnt services may still running and prevent a fresh install

Open your system Services, list and sort services by name

Find all prefix with “Ant” or “Up”, stop those services.

Uninstall BigAnt Console from your Programs and Features, or using unist.exe in the installation directory to uninstall BigAnt Console.

Remove the entire installation folder.

Make sure your client version matches server version

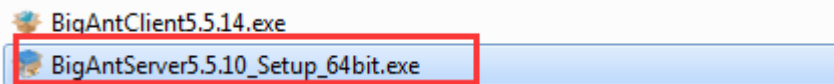
As you were running BigAnt server console version 5.2, it is needed to make sure the BigAnt client is version 5.2

You may confirm the software version by checking installed program property, or run it and click “Main menu/About “ to find out version information.

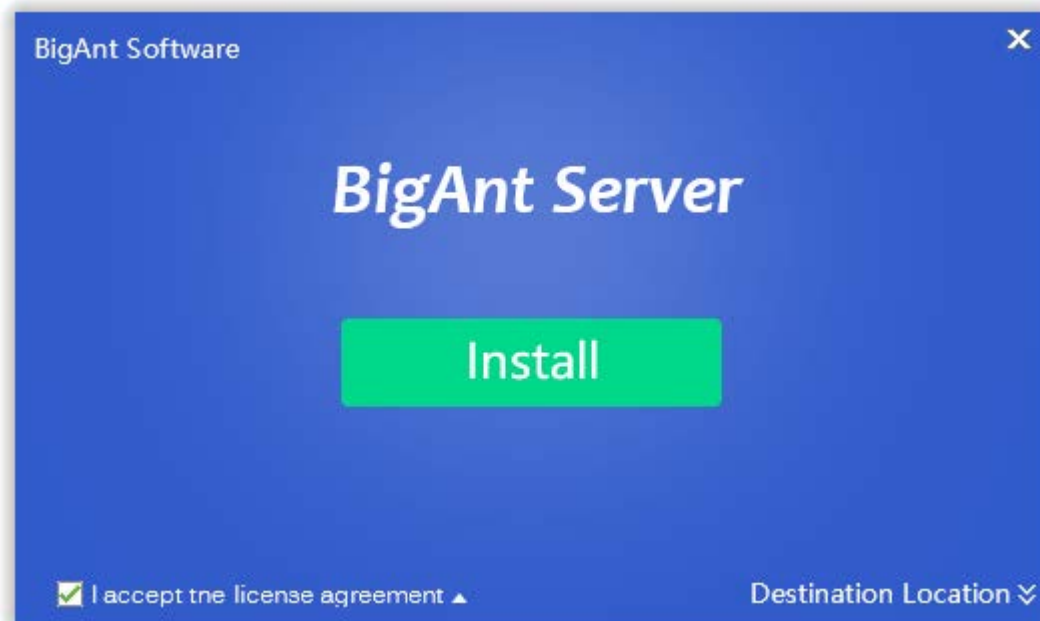
In case you are running incompatible BigAnt client, your client may having problems showing contact list, and some other issues.

Install BigAnt Server (IM Console)

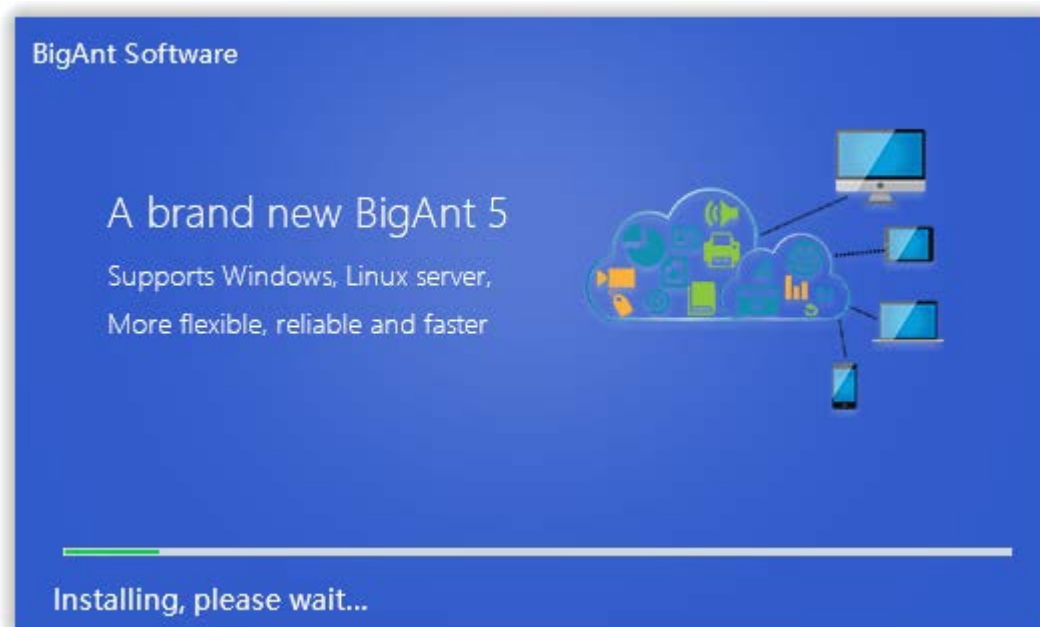
1. Extract files from the zip folder > double click **BigAntServer5.5.10_Setup_64bit.exe** to install BigAnt Server (IM Console)



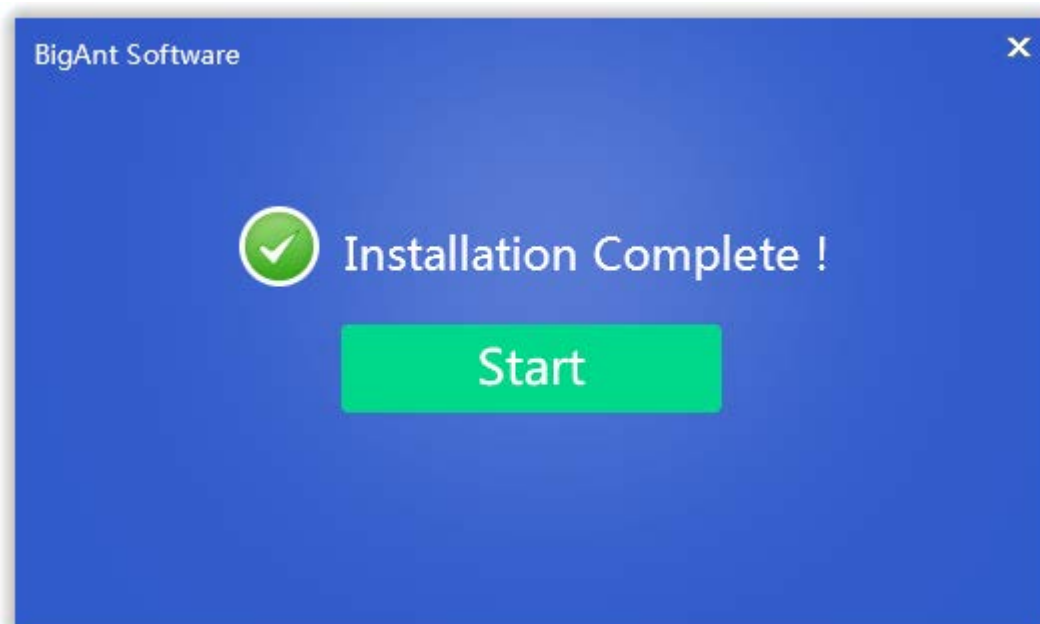
2. Choose the location to install BigAnt Server



3. Click Install to continue

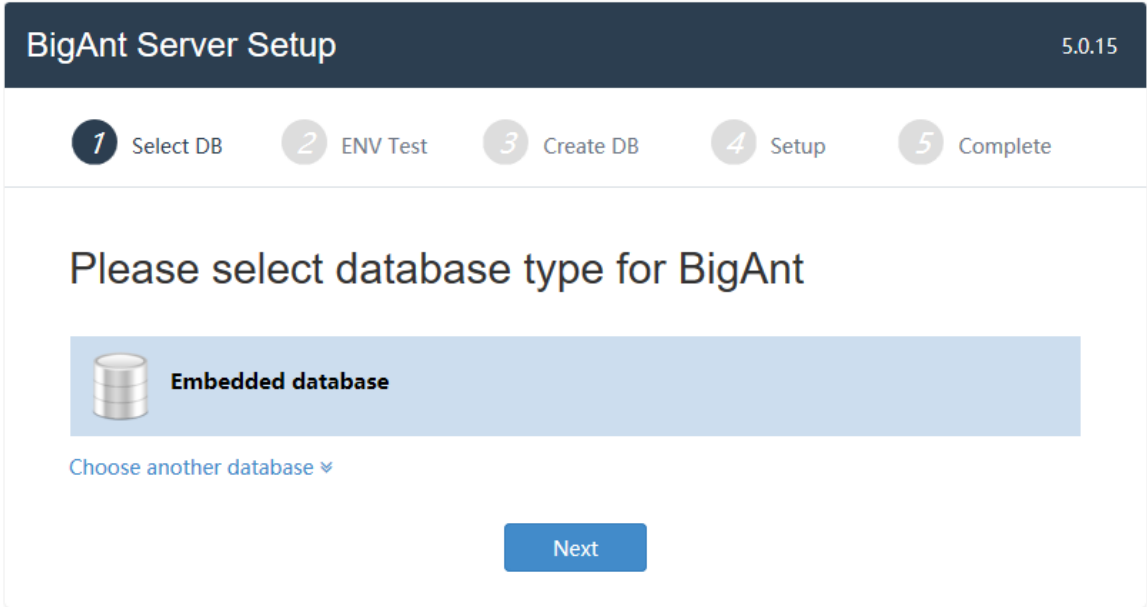


4. Click 'Start' button when the installation is complete



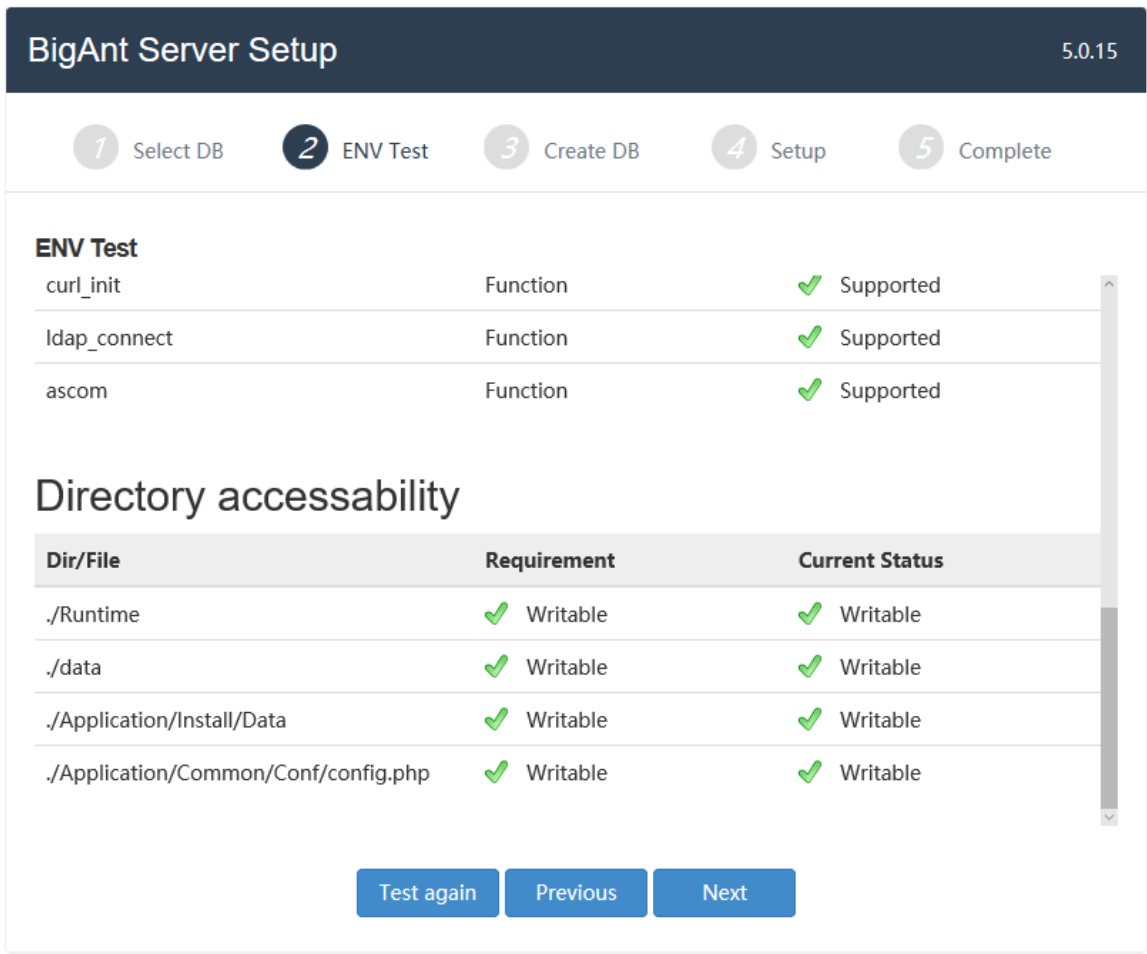
Setup your Database and company

1. Click the button **Next** and begin to check the system environment



If you need to connect to your own database MySQL, please go to the step 6.
If you need to connect to your own database SQL Server, please go to the step 11.

2. Checklist of system environment
- If all items are checked with green color, then you can go to next step.
 - If error symbol with red color shows, there must be something wrong with your installation or your system. Just close the current browser, uninstall the IM Console, and try again to install the program. If the problem continues, please capture the screen and send us to get technical support.



3. Create your company
- Complete your company information: your company name and contact Email, then click Next button

BigAnt Server Setup

5.0.15

1 Select DB

2 ENV Test

3 Create DB

4 Setup

5 Complete

Company Information

Company Name

Email

Previous

Next

4. Initializing

Just wait a minute while installing database and initializing data.

BigAnt Server Setup

5.0.14

1 Welcome

2 ENV Test

3 Create DB

4 Setup

5 Complete

✓ Begin to install database...

✓ Create data tablesoauth_client...Succeed

✓ Create data tablesoauth_token...Succeed

✓ Create data tablessys_admin...Succeed

✓ Create data tablessys_app...Succeed

✓ Create data tablessys_app_addin...Succeed

✓ Create data tablessys_config...Succeed

✓ Create data tablessys_db_backup...Succeed

✓ Create data tablessys_saas...Succeed

✓ Create data tablessys_saas_server...Succeed

✓ Create data tablessys_server...Succeed

✓ Create data tablessys_server_relation...Succeed

✓ Create data tablessys_time_task...Succeed

✓ Create data tablessys_validcode...Succeed

✓ Initializing

✓ Initializing data succeed

Installing...

5. BigAnt Server Setup is complete

Now you've finished the setup. You may click 'OK' button to open the BigAnt Administration, or double click the icon of IM Console on the desktop to open BigAnt Administration after you close the current browser in the future.

BigAnt Server Setup

5.0.15

1 Select DB

2 ENV Test

3 Create DB

4 Setup

5 Complete

The setup is complete, please click OK to enter the BigAnt Administration. After create dept. and users in the OU mangement, you can login to the BigAnt account from the BigAnt client.

Default account: **admin**, password: **123456**

OK

Following is for MYSQL Database type, if you've finished the setup, just go to next chapter **Log in as Admin or SuperAdmin**

6. Extend the link ‘Choose another database’ and click on the option MYSQL Database, then Next

BigAnt Server Setup

5.0.15

1 Select DB


2 ENV Test

3 Create DB


4 Setup


5 Complete

Please select database type for BigAnt

 **Embedded database**

[Choose another database ^](#)

 **MYSQL Database**

 **SQLServer Database**

Next

7. Checklist of system environment

- If all items are checked with green color, then you can go to next step.
- If error symbol with red color shows, there must be something wrong with your installation or your system. Just close the current browser, uninstall the IM Console, and try again to install the program. If the problem continues, please capture the screen and send us to get technical support.

BigAnt Server Setup

5.0.15

1 Select DB

2 ENV Test

3 Create DB


4 Setup

5 Complete

ENV Test


curl_init

Function

 Supported


ldap_connect

Function









 Supported

ascom

Function

 Supported

Directory accessability

Dir/File	Requirement	Current Status
./Runtime	 Writable	 Writable
./data	 Writable	 Writable
./Application/Install/Data	 Writable	 Writable
./Application/Common/Conf/config.php	 Writable	 Writable

Test again

Previous

Next

8. Create your company (for MySQL database)

Complete your company information: company name and the contact Email.

BigAnt Server Setup

5.0.15

1 Select DB

2 ENV Test

3 Create DB

4 Setup

5 Complete

Company Information

Company Name

Email

Database Information

Database Type

MySql

Database Server

127.0.0.1

Database Server IP, default 127.0.0.1

Database Port

3307

Database Server Port, default 3307

Database Account

root

Database Password

●●●●●●●●●●●●●●●●

Database Name

antdbms

Previous

Next

9. Initializing

Just wait a minute while installing database and initializing data.

BigAnt Server Setup

5.0.14

1 Welcome

2 ENV Test

3 Create DB

4 Setup

5 Complete

✓ Begin to install database...

✓ Create data tablesoauth_client...Succeed

✓ Create data tablesoauth_token...Succeed

✓ Create data tablessys_admin...Succeed

✓ Create data tablessys_app...Succeed

✓ Create data tablessys_app_addin...Succeed

✓ Create data tablessys_config...Succeed

✓ Create data tablessys_db_backup...Succeed

✓ Create data tablessys_saas...Succeed

✓ Create data tablessys_saas_server...Succeed

✓ Create data tablessys_server...Succeed

✓ Create data tablessys_server_relation...Succeed

✓ Create data tablessys_time_task...Succeed

✓ Create data tablessys_validcode...Succeed

✓ Initializing

✓ Initializing data succeed

Installing...

10.BigAnt Server Setup is complete

Now you’ve finished the setup. You may click ‘OK’ button to open the BigAnt Administration, or double click the icon of IM Console on the desktop to open BigAnt Administration after you close the current browser in the future.

BigAnt Server Setup

5.0.15

1 Select DB

2 ENV Test

3 Create DB

4 Setup

5 Complete

The setup is complete, please click OK to enter the BigAnt Administration. After create dept. and users in the OU mangement, you can login to the BigAnt account from the BigAnt client.

Default account: **admin**, password: **123456**

OK

Following is for SQL Server Database type, if you’ve finished the setup, just go to next chapter **Log in as admin or SuperAdmin**

11. Click the link 'Choose another database' and choose SQL Server Database, then Next

BigAnt Server Setup

5.0.15

1

Select DB

2

ENV Test

3

Create DB

4

Setup

5

Complete

Please select database type for BigAnt

 **Embedded database**

[Choose another database ^](#)

 **MYSQL Database**

 **SQLServer Database**

Next

12. Checklist of system environment

- If all items are checked with green color, then you can go to next step.
- If error symbol with red color shows, there must be something wrong with your installation or your system. Just close the current browser, uninstall the IM Console, and try again to install the program. If the problem continues, please capture the screen and send us to get technical support.
- To make sure your connection to SQL Server works, you may need to download and install the msodbcsql_64.msi to your machine.

BigAnt Server Setup

5.0.15

1

Select DB

2

ENV Test

3

Create DB

4

Setup

5

Complete

It is needed to install msodbcsql_64.msi if you choose SQL Server database, otherwise the connection to sql server may be error. [Click to download and install](#)

ENV Test

curl_init	Function	✔ Supported
ldap_connect	Function	✔ Supported
ascom	Function	✔ Supported

Directory accessibility

Dir/File	Requirement	Current Status
./Runtime	✔ Writable	✔ Writable
./data	✔ Writable	✔ Writable
./Application/Install/Data	✔ Writable	✔ Writable
./Application/Common/Conf/config.php	✔ Writable	✔ Writable

Test againPreviousNext

13. Create your company (for SQL Server Database)

Complete your company information: Company name and the contact Email.
Enter your Database password.

BigAnt Server Setup

5.0.15

1 Select DB

2 ENV Test

3 Create DB

4 Setup

5 Complete

Company Information

Company Name

Email

Database Information

Database Type

SQLServer

Database Server

127.0.0.1

Database Server IP, default 127.0.0.1

Database Port

1433

Database Server Port, default 1433

Database Account

sa

Database Password

Database Name

antdbms

Previous

Next

14.Initializing

Just wait a minute while installing database and initializing data.

BigAnt Server Setup

5.0.14

1 Welcome

2 ENV Test

3 Create DB

4 Setup

5 Complete

✓ Begin to install database...

✓ Create data tablesoauth_client...Succeed

✓ Create data tablesoauth_token...Succeed

✓ Create data tablessys_admin...Succeed

✓ Create data tablessys_app...Succeed

✓ Create data tablessys_app_addin...Succeed

✓ Create data tablessys_config...Succeed

✓ Create data tablessys_db_backup...Succeed

✓ Create data tablessys_saas...Succeed

✓ Create data tablessys_saas_server...Succeed

✓ Create data tablessys_server...Succeed

✓ Create data tablessys_server_relation...Succeed

✓ Create data tablessys_time_task...Succeed

✓ Create data tablessys_validcode...Succeed

✓ Initializing

✓ Initializing data succeed

Installing...

15.Launch BigAnt Administration

Now you've finished the setup. You may click 'OK' button to open the BigAnt Administration, or double click the icon of IM Console on the desktop to open BigAnt Administration after you close the current browser in the future.

BigAnt Server Setup

5.0.15

1 Select DB

2 ENV Test

3 Create DB

4 Setup

5 Complete

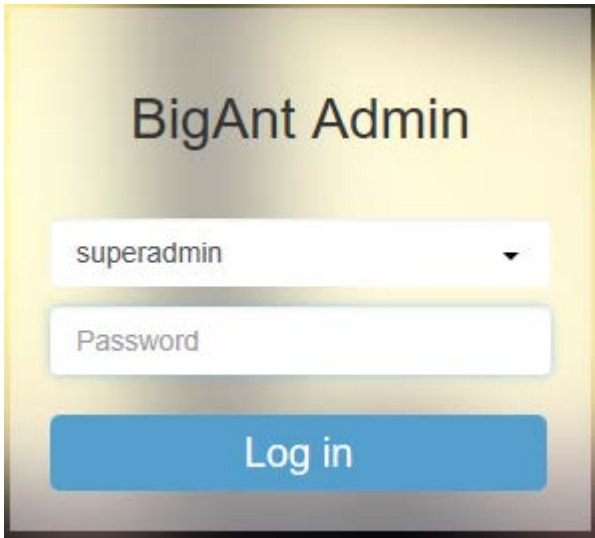
The setup is complete, please click OK to enter the BigAnt Administration. After create dept. and users in the OU mangement, you can login to the BigAnt account from the BigAnt client.

Default account: **admin**, password: **123456**

OK

Log in as Admin

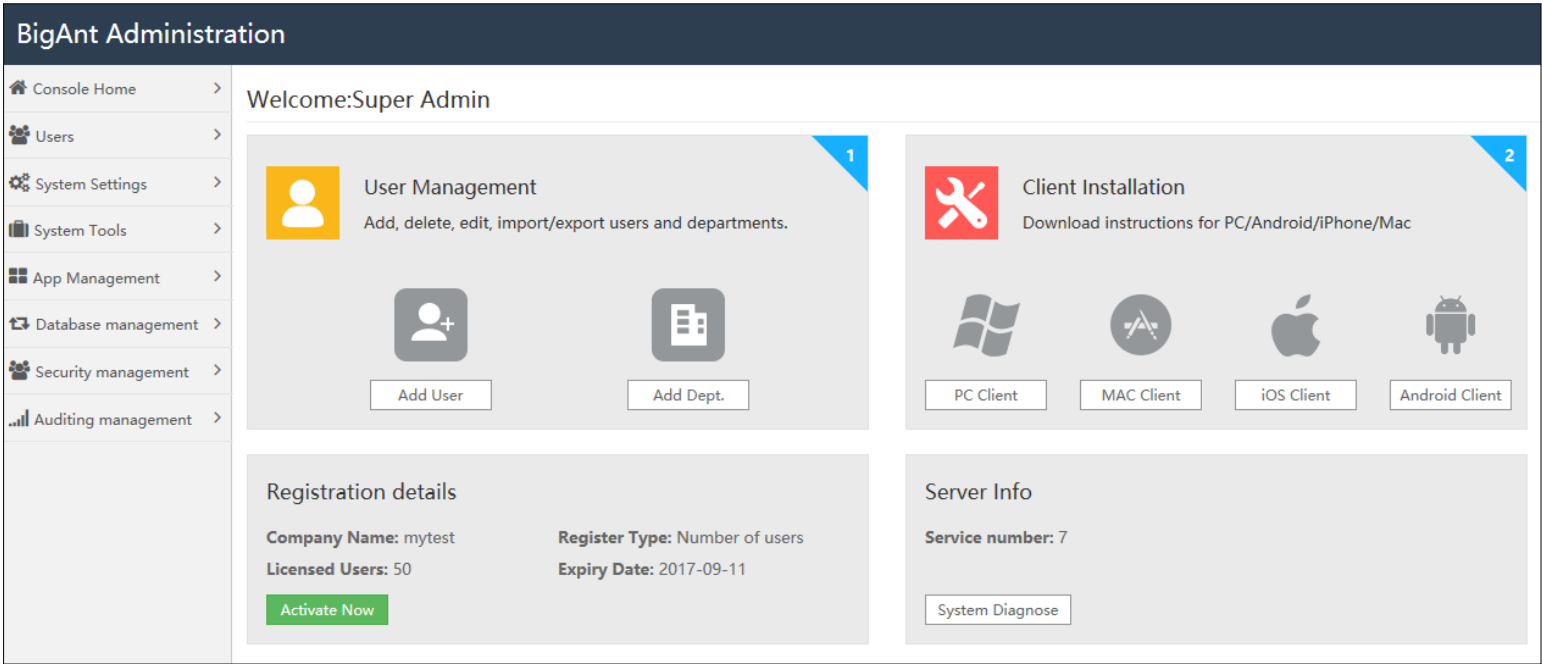
- 1. Launch the BigAnt Admin console
- 2. Select the account as Admin or Superadmin and enter your password (123456 by default)



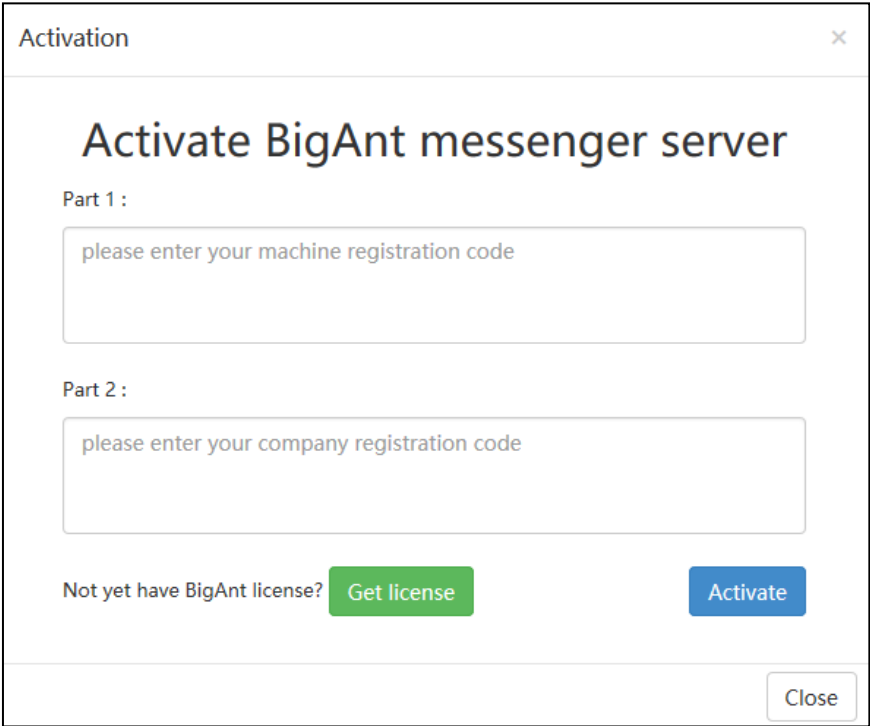
You may change the password after login by click on the top right corner to find **Change Password** option.

Complete the registration

- 1. Go to the Console Home page and click the button ‘Activate Now’ in the bottom left box



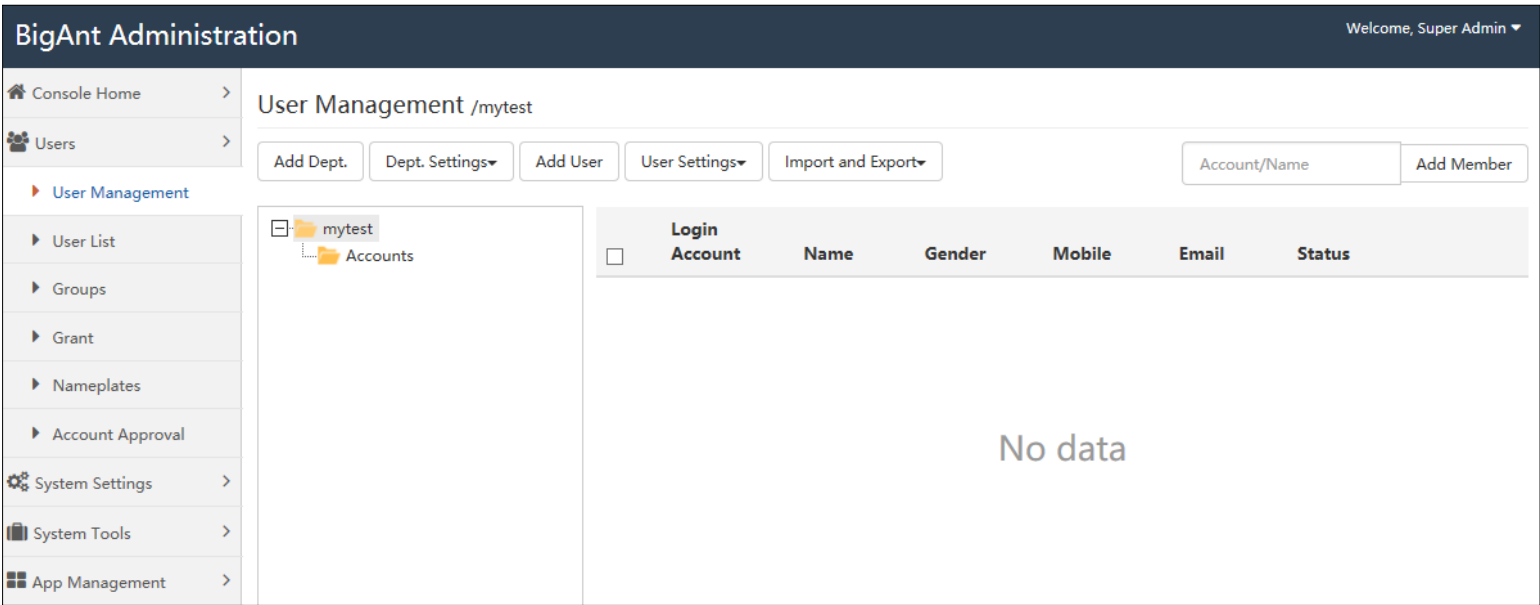
- 2. Enter your registration code for the server machine and for your company, then click Activate button to complete the registration.



- 3. If you’ve purchased the license but not get the registration code yet, please click the button ‘Get license’, copy information in pop up window and email that to us.

Create Departments and Users

- 1. Go to Users/User management page
 - Click on your company in left structure list, and click the menu button **Add Dept.** to create departments
 - Click on a specific Department (will become highlighted) and click the menu button **Add User** to create user account.

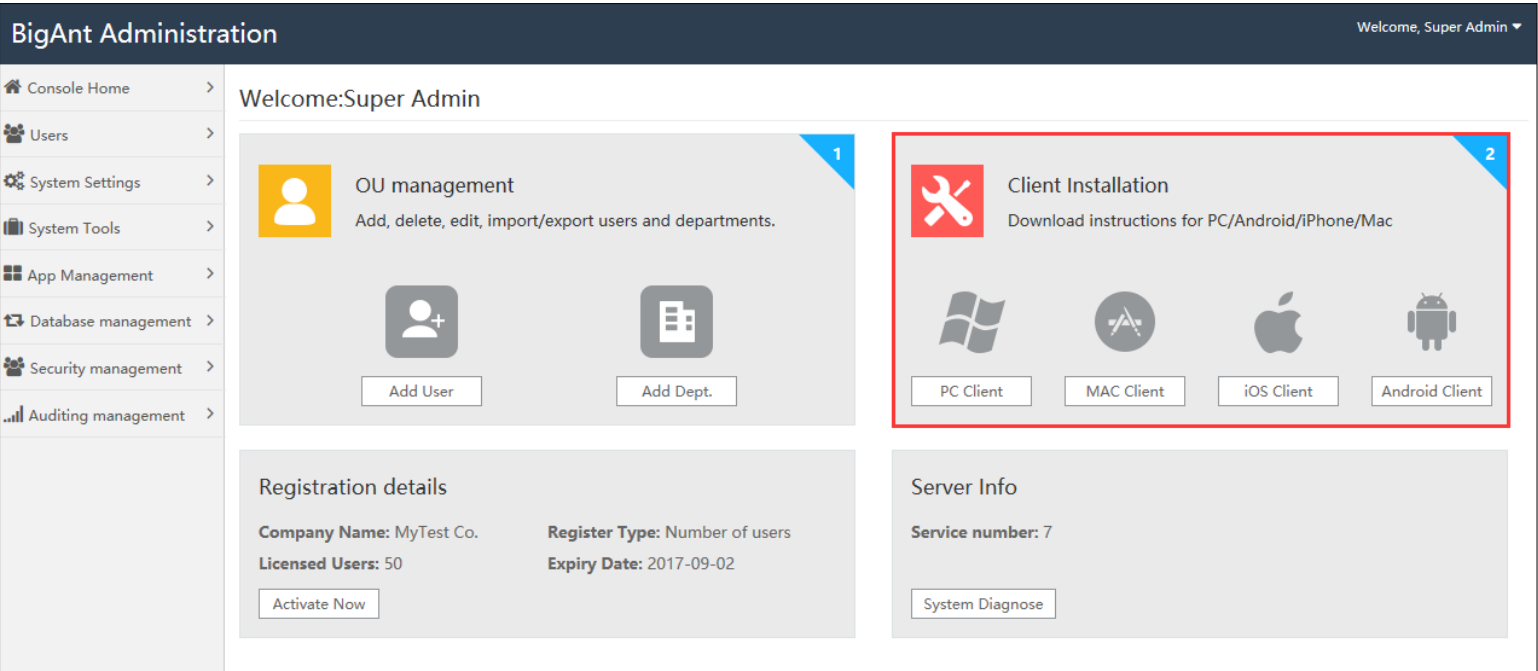


- 2. If you need to import users from Active Directory, you may find the instructions from the online support:
<https://www.bigantsoft.com/support/server/how to find the option to import users from AD.html>
- 3. If you need to import users from a file, you can find the instruction from the online support:
<https://www.bigantsoft.com/support/server/how to import users from a file.html>

Distribute to client end

Two links can be bulk send to your company employees, to instruct them how to start using BigAnt messenger, and adding themselves to the company contact list.

Go to the home page > there you can find the client installation, just share this link out to your team to get the BigAnt client, install on any device, and network settings needed to sign in the client.



Service manager

1. Find ‘Service Console’ in the bottom right box of BigAnt Admin console, click it to open the BigAnt Console

BigAnt Administration

Console Home

Users

System Settings

System Tools

App Management

Database management

Welcome: System Admin (The free space of your hard disk is: 5.21 GLess than 10G)(Is less than 10 G,5.21 G)

User Management

Add, delete, edit, import/export users and departments.

Add User

Add Dept.

Client Installation

Download instructions for PC/Android/iPhone/Mac

PC Client

MAC Client

iPhone Client

Android Client

Registration details

Company Name:bigant

Licensed Users:25

Register Type: Number of users

Expiry Date:Lifetime

Get license

Activate again

Server Info

Service number:8

Server IP: 192.168.31.177

Default ports: 6661-6667, 8000, 8001

Service Console

2. You can manage your server IP in Service list:

BigAnt Service Console

Welcome,ServiceAdmin

Service List

API Protocol

Administrator Accounts

System Settings

Server

New Server

Start

Stop

Edit ServerIP

--Select--

Search Server

	Service Name	Service Type	ServerIP	ServerLAN IP	Status	
<input type="checkbox"/>	LOGIN_192.168.31.177	Login Service	192.168.31.177:6661	127.0.0.1:6661	Running	Edit Delete Stress Balance
<input type="checkbox"/>	STATUS_192.168.31.177	Status Service	192.168.31.177:6662	127.0.0.1:6662	Running	Edit Delete
<input type="checkbox"/>	ORG_192.168.31.177	OU Service	192.168.31.177:6663	127.0.0.1:6663	Running	Edit Delete
<input type="checkbox"/>	MESSAGE_192.168.31.177	Message Service	192.168.31.177:6664	127.0.0.1:6664	Running	Edit Delete
<input type="checkbox"/>	GROUP_192.168.31.177	Group Service	192.168.31.177:6665	127.0.0.1:6665	Running	Edit Delete
<input type="checkbox"/>	PUSH_192.168.31.177	Push Service	192.168.31.177:6666	127.0.0.1:6666	Running	Edit Delete
<input type="checkbox"/>	FILE_192.168.31.177	File Service	192.168.31.177:6667	127.0.0.1:6667	Running	Edit Delete
<input type="checkbox"/>	INTERFACE_192.168.31.177	Interface Service	192.168.31.177:6669	127.0.0.1:6669	Running	Edit Delete

3. Go to System Settings > Server Cluster Config > change server address to WAN IP if you need to connect the BigAnt from internet.

BigAnt Service Console

Welcome,ServiceAdmin

Service List

API Protocol

Administrator Accounts

System Settings

Server Cluster Config

System Settings

Installation Files

E-mail Settings

SMS Settings

Server Cluster Config

Center Server Config

Connection between servers

Web Server Address

http://192.168.31.177:8002

If the AntWebServer and AntServer are deployed on a same server, the URL is as follows
http://127.0.0.1:8002

File Server Address

http://192.168.31.177:8001

If the AntWebServer and AntFileServer are deployed on a same server, the URL is as follows
http://127.0.0.1:8001

Connection between server/client

Server Type

Default

LAN IP or WAN IP

Delete this server cluster

Login Server Address

192.168.31.177

eg. 192.168.0.1

Web Server Address

http://192.168.31.177:8000

eg. http://192.168.0.1:8000

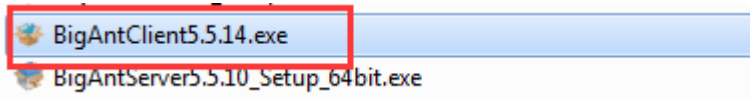
File Server Address

192.168.31.177:6667

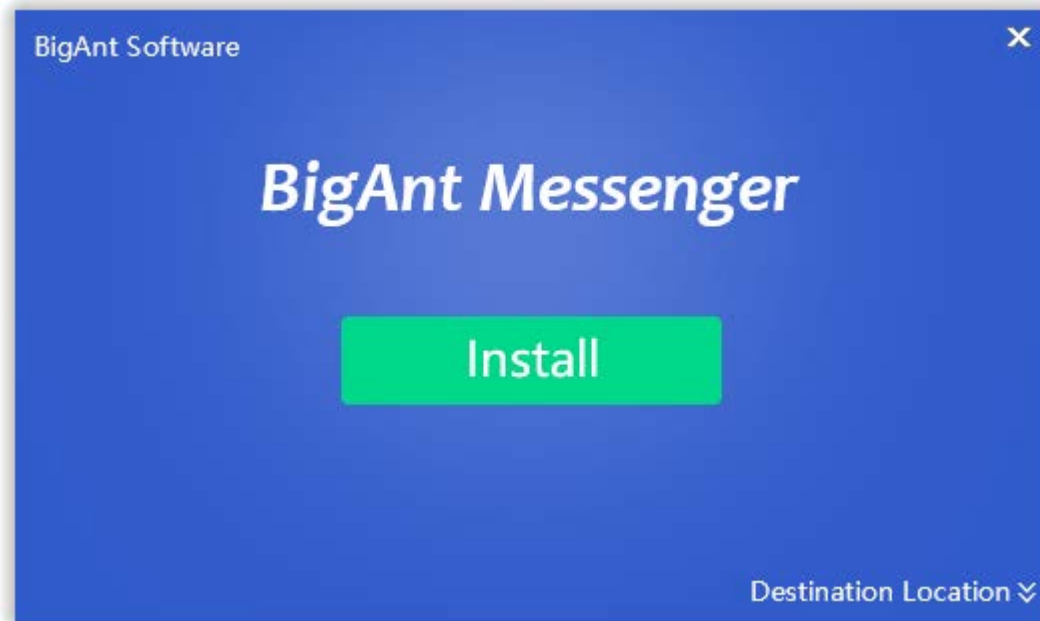
eg. 192.168.0.1:6667

Install BigAnt client

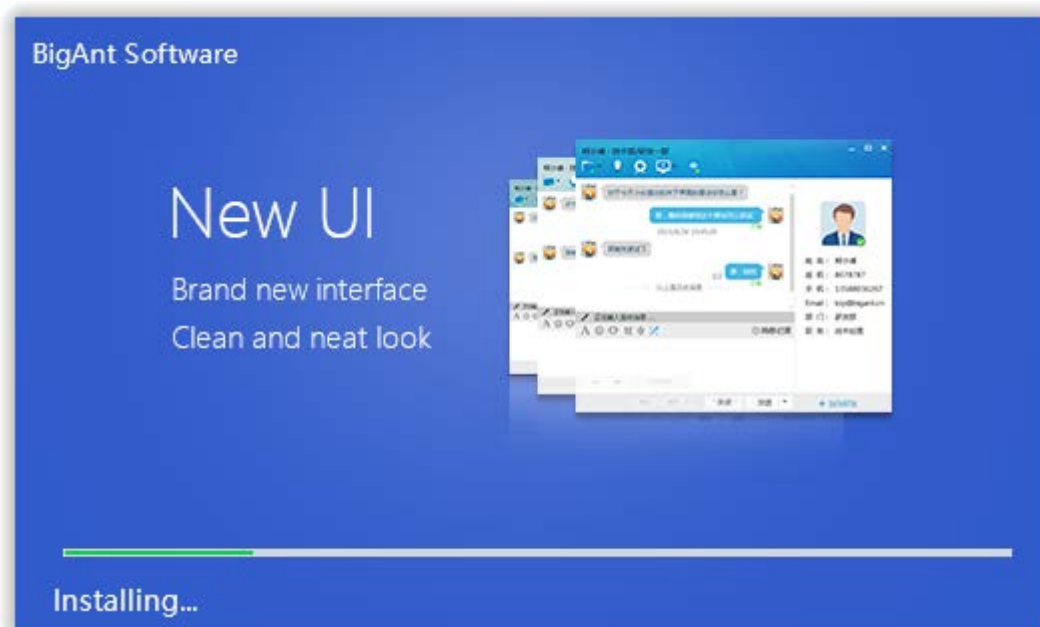
1. Click BigAntClient5.2_Setup.exe to install BigAnt client on a PC



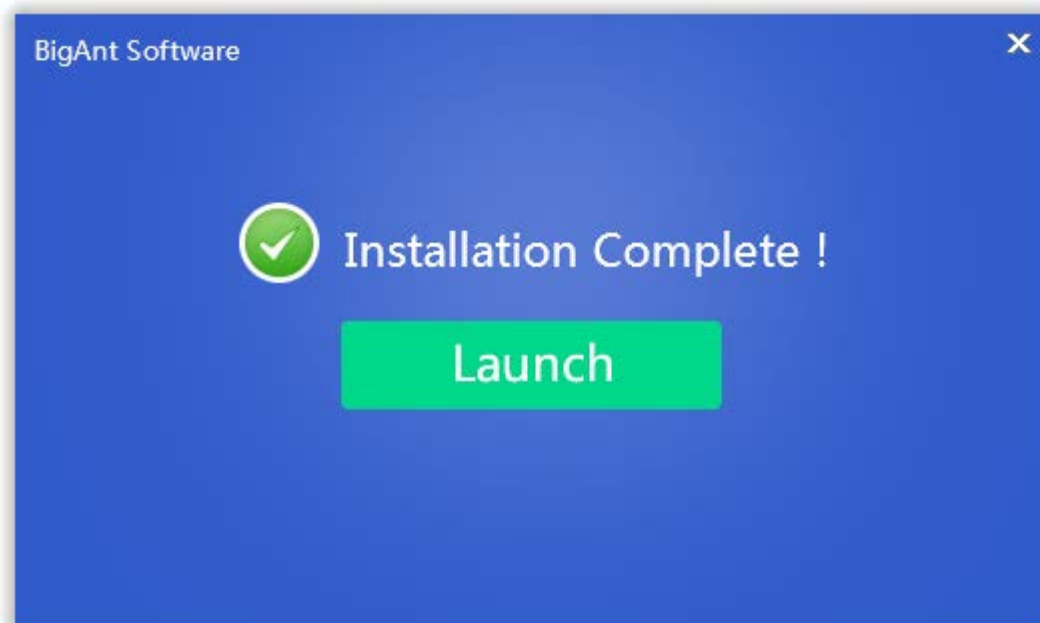
2. Choose the location to install the BigAnt Client



3. Click the Install to continue, just wait a minute while installing the program

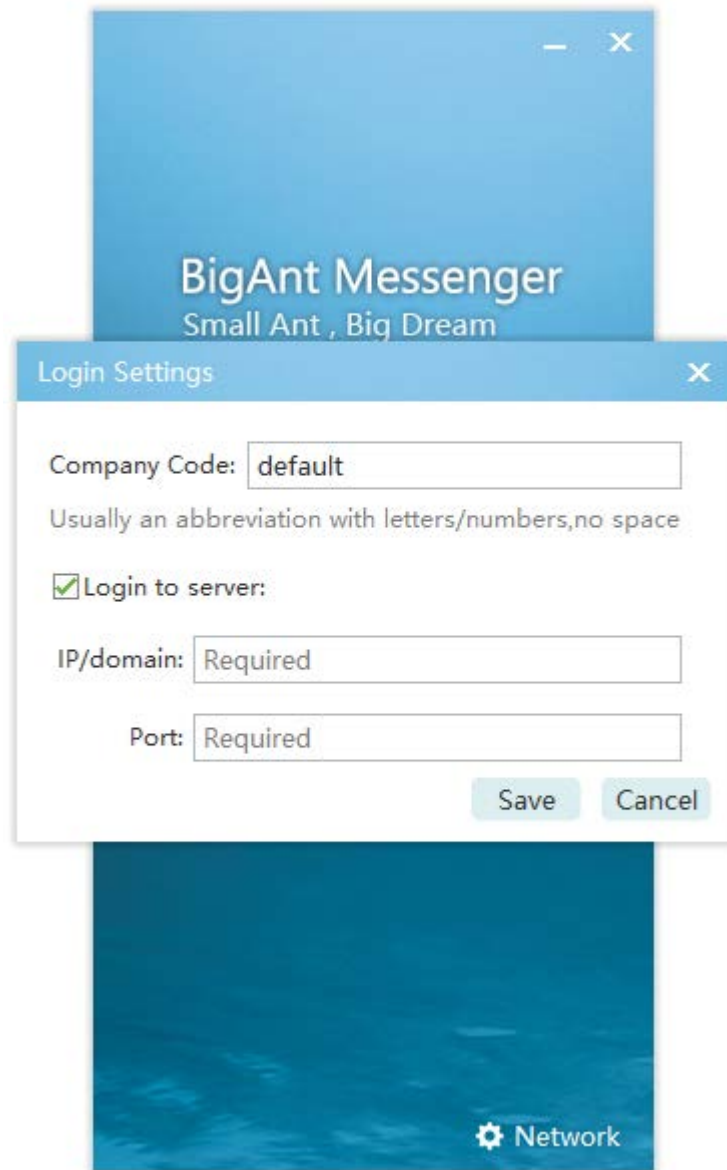


4. Click Launch button to open the BigAnt Client, or click the close button to exit the program and double click the icon of BigAnt 5 on the desktop to launch the client later.

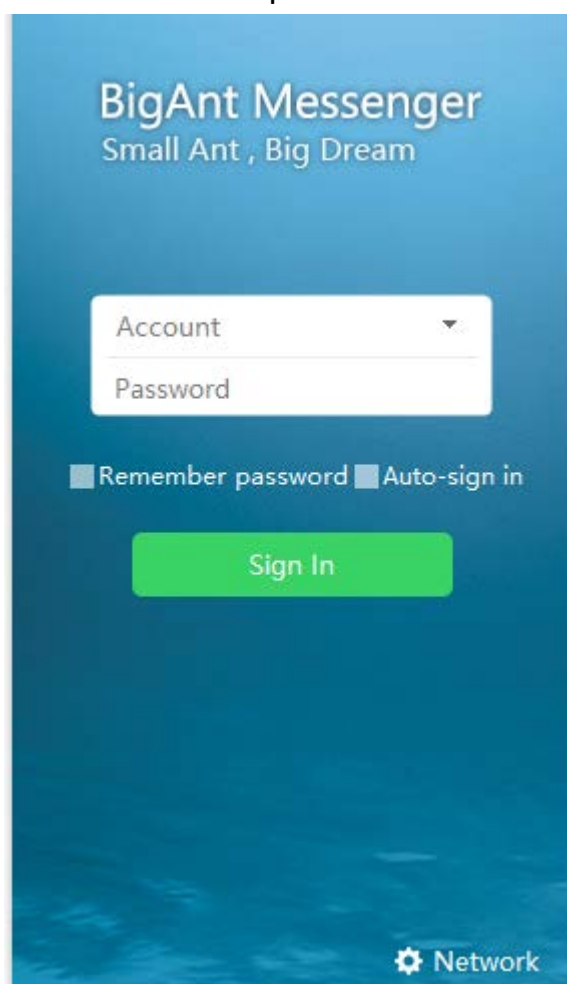


Login from BigAnt client

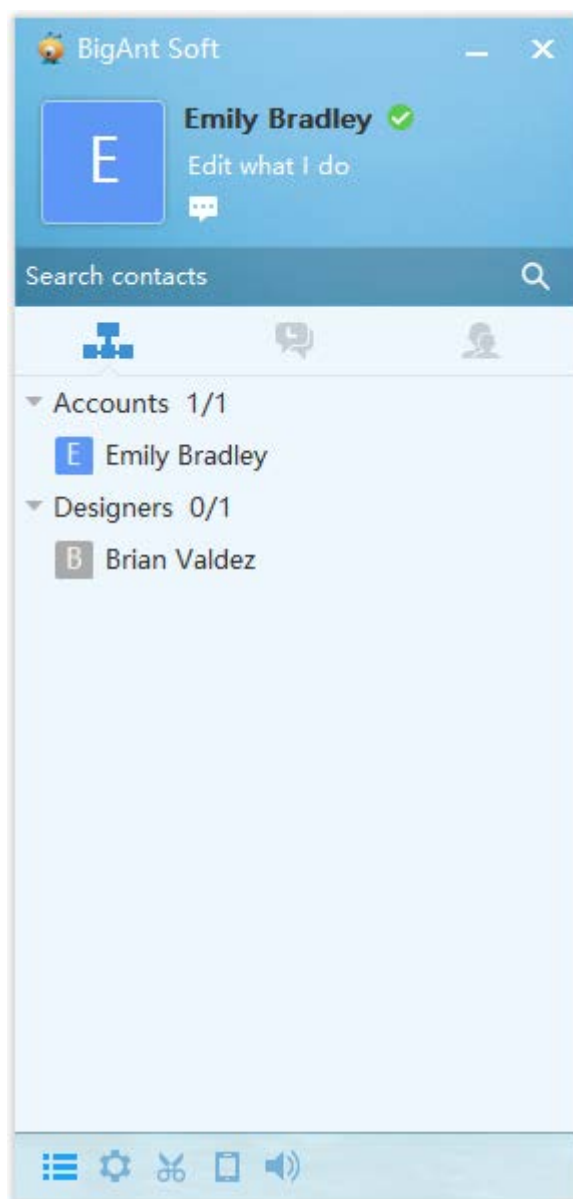
1. Click Network settings at the bottom right corner on the login page, enter required network info and save them
 - IP/domain is your server IP
 - Port: 6091
 - Leave the Company Code as default if you don't have one
 - If any error pops up, you may find support here: [http://www.bigantsoft.com/support/client/Account Basics-Sign in to BigAnt.html](http://www.bigantsoft.com/support/client/Account_Basics-Sign_in_to_BigAnt.html)



2. Enter account and password
This account and password were created on BigAnt Administration

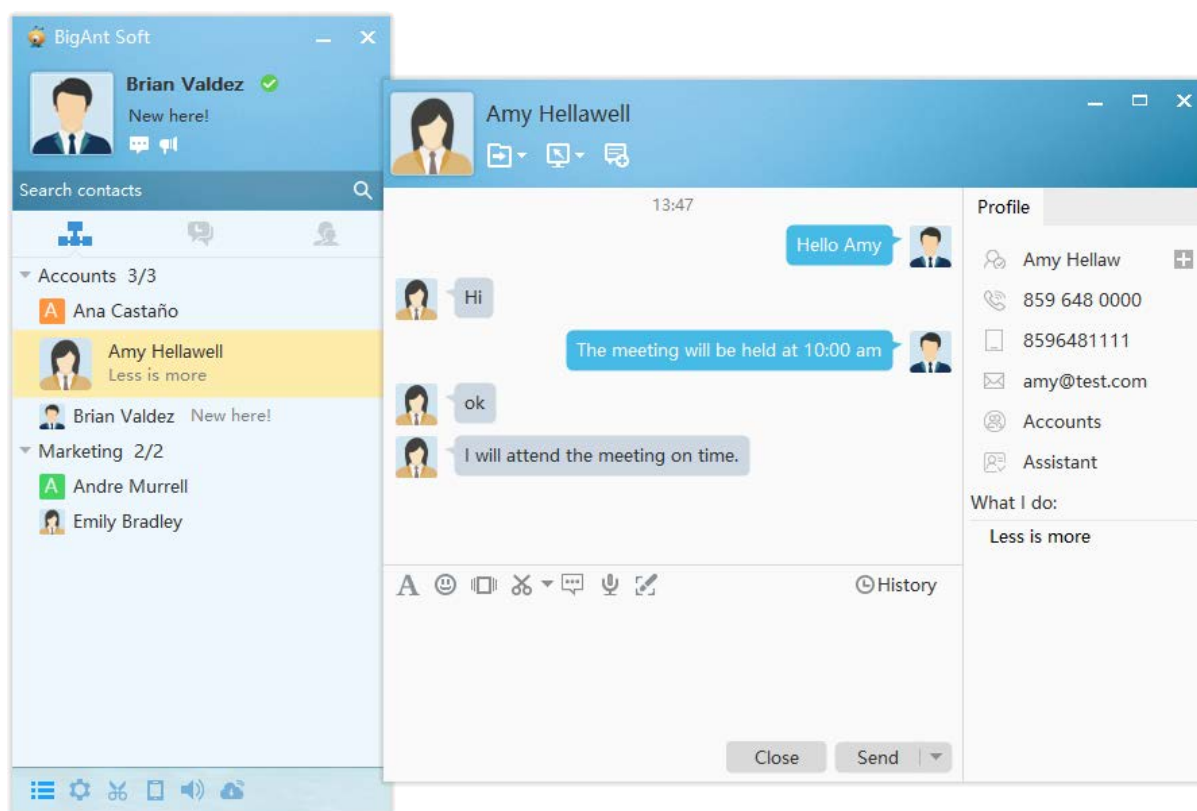


3. Sign in to BigAnt messenger, you will see the contact list



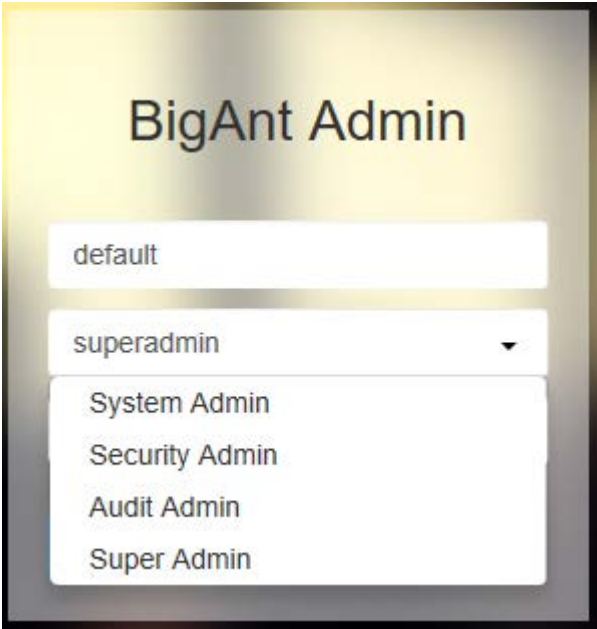
One on one chat

1. Locate the contact from your structure list > double click the contact to open the chat window
2. Write your words in chat window, and click 'Send' button or press Enter key to send the message



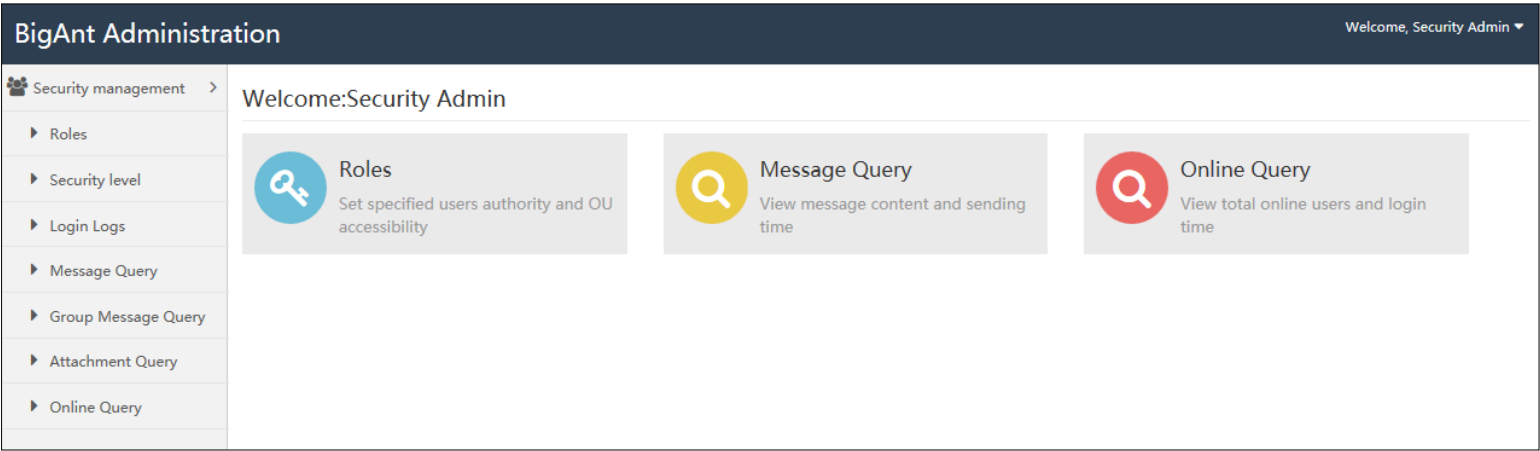
Additional features:

- 1. Login to BigAnt Administration with different accounts: Administrator, Security, Auditor, Super admin



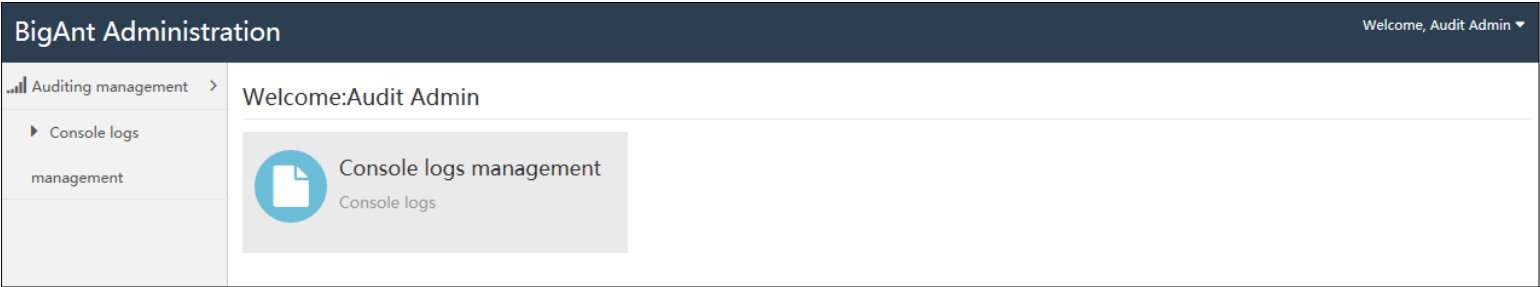
Security:

- Manage Roles
- Logs of client end
- Message Query



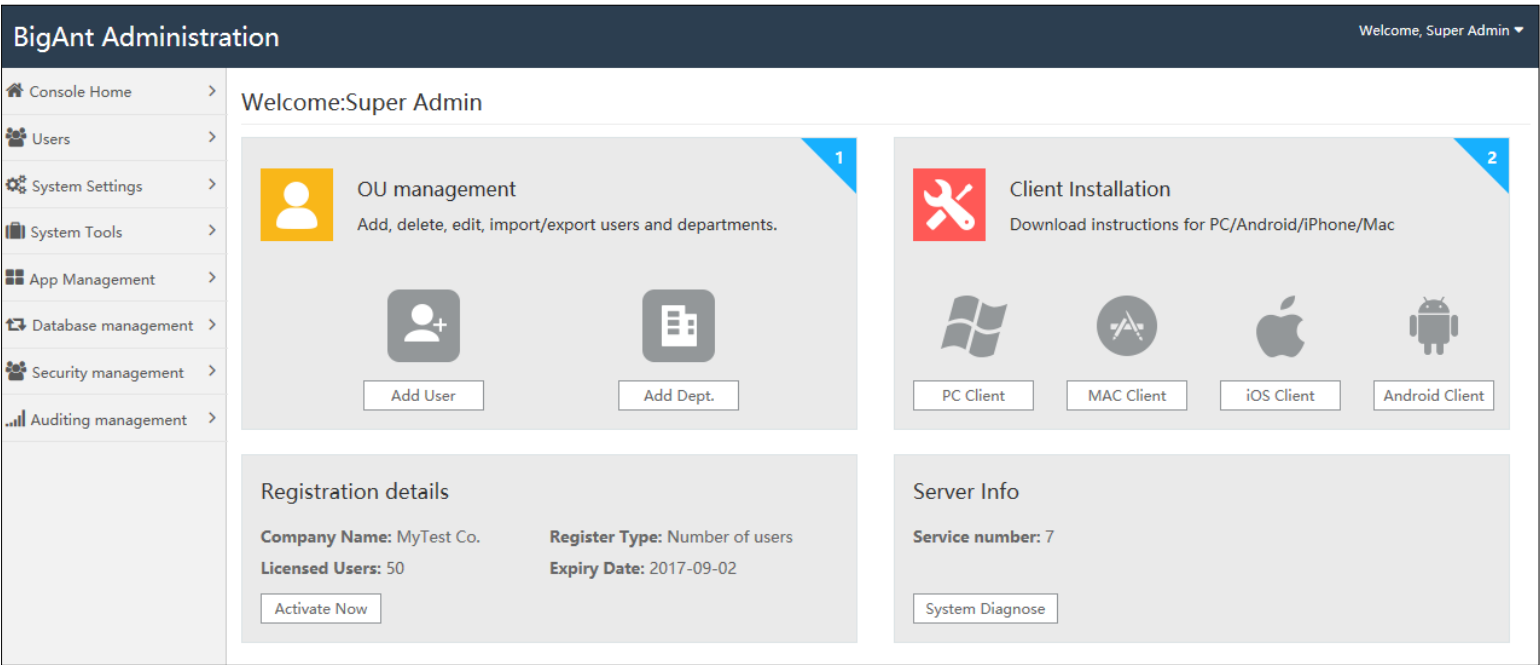
Auditor:

- Logs of admins and BigAnt console



Super admin:

- Manage all options in other three accounts



Update BigAnt server instructions

To update your BigAnt server from 5.0/5.2 to 5.5, please follow these steps:

- 1. Remove earlier installed BigAnt server console, or find a brand new computer/clean system. Prior this you may need to export existing database, back it up for later use.
- 2. Please check with system task manager and make sure there is no running BigAnt services, which name are with prefix "up"
- 3. Please go to program installed folder, remove/rename earlier installed folder.
- 4. Please install latest 5.5 version BigAnt server, make sure services are running, port 8000,8001,8002, 6091~6097 are enabled in your firewall.
- 5. Please launch BigAnt server 5.5 console, import back up database, and update your database, so that it will be fully compatible with latest version. See screenshot on how to update database.

BigAnt AdministrationWelcome, System Admin

Console Home

Users

System Settings

System Tools

App Management

Database management

Database backup

Database restore

Database initialization

Database backup

Please select table to back up

antdbms_default

Backup the database

Table name	Count of records	Size of data	Date created
ext_attach	0	16KB	2019-03-14 23:25:09
ext_blog	0	16KB	2019-03-14 23:25:10
ext_board	0	16KB	2019-03-14 23:25:10
ext_board_attach	0	16KB	2019-03-14 23:25:10
ext_board_rcv	0	16KB	2019-03-14 23:25:10
ext_board_send	0	0.00KB	2019-03-14 23:25:26

6. Please install latest 5.5 version BigAnt client, see if you can login.

Trouble shooting:

- 1. In case your BigAnt client won't show up contact, it keeps loading organization/contact list, then there is something wrong with your new server, maybe it is still connecting with earlier 5.0/5.2 version server.
- 2. Re-install of BigAnt server/client may help to fix problems, but please be sure services are stopped and files are removed before you attempt re-install. Otherwise the file is in use and the update won't be successful.