

SERVER ACCOUNTS

ADMINISTRATION TOOL

TABLE OF CONTENTS

WHAT IS A SERVER ACCOUNT?	5
SERVER ACCOUNTS MANAGEMENT SCREEN - AVAILABLE TABS	6
"Server accounts list" tab	6
"Log" tab	7
PUBLIC AND PRIVATE KEYS	9
SYNCHRONIZING TWO GARGANTUA SERVERS	10
Obtaining the pairing password	10
Adding a server account	10
Using the server ID in a script	11
DOWNLOADING A SERVER PUBLIC KEY	12
DELETING A SERVER ACCOUNT	13

WHAT IS A SERVER ACCOUNT?

A server account is an account associated to a Gargantua server. This feature allows to communicate between several Gargantua servers using customized process scripts.

Before server accounts were available, connection to a Gargantua server using process scripts was achieved through a user account. This meant that a specific user account needed to be created, which could be troublesome if the license allowed a limited number of users.

To ensure a secure communication between the Gargantua servers, each of them has a public and a private key.

Server accounts application examples:

- *Two processes run in two different Gargantua servers, and the administrator wants that when the process running on server 1 (incoming mail) ends, the process running on server 2 (outgoing mail) starts.*
- *The administrator wants data in several Gargantua servers to be replied every evening on a central server gathering all data.*

Server accounts features are also available on Gargantua Web Client. To access them:

1. Log in as Admin.
2. Click on the Gargantua logo (top left corner of the screen).

The G Menu is displayed.

3. Select **Server configuration**.
4. Click on the  **Server accounts** tab.

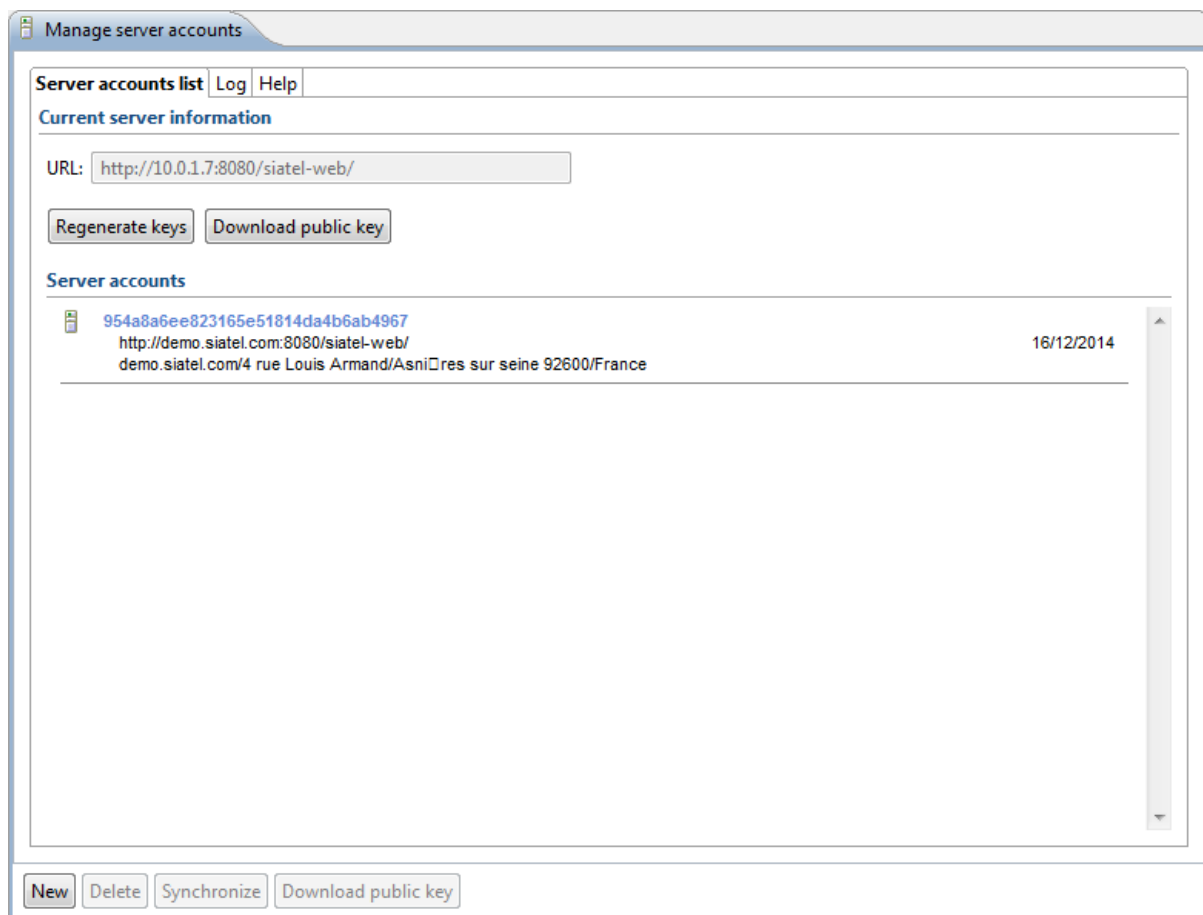
SERVER ACCOUNTS MANAGEMENT SCREEN - AVAILABLE TABS

The **Manage server accounts** screen contains the following tabs:

- The **Server accounts list** tab allows you to view the list of the server accounts related to the current server.
- The **Log** tab allows you to view the list of all the operations performed on a server account, and to filter them according to some criteria.
- The **Help** tab allows you to access the contextual help.

“SERVER ACCOUNTS LIST” TAB

The **Server accounts list** tab is as follows:



The **Server accounts list** tab allows you to display the servers connected to the current server, the URL of the current server, as well as options related to the security keys.

“LOG” TAB

The **Log** tab allows you to view a list of all the operations performed in one of the branches of Gargantua Administration Tool.

You can filter your search through the following criteria:

- Start date, end date;
- User;
- Operation.

To filter by dates:

1. Fill in the date from which you want to view the operations performed, in the **Start date** field.
2. Fill in the date until which you want to view the operations performed, in the **End date** field.
3. Click on **Display**.

The list of the operations performed between the two dates is displayed in the **Log entries** field.



You can also click on the “Week audits”, “Month audits”, “Year audits” and “All audits” icons, so as to view the operations performed in larger periods of time.

To filter by users:

1. Click on the magnifying glass, close to the **User** field.
2. Fill in the user name from whom you want to view the performed operations.
3. Click on **Display**.

The list of the operations performed by the user is displayed in the Log entries field.

To filter by operation:

1. Click on the arrow of the **Operation** field.
A list of the possible operations is displayed.
2. Click on the type of operation desired.
3. Click on **Display**.

The list of the operations performed in relation with the selected type of operation is displayed in the **Log entries** field.



You can tick the “Show login/logout events” box to display the users connections and disconnections. This functionality is only available for the “Users” and “Server log” branches.

You can tick the “Only Show error audits box” to only display the failed operations.



The “Reset” button allows you to cancel the last filtering.

You can also export the list of the performed operations, in .csv format.

To export a list of the performed operations:

1. Generate a list, depending on the previous criteria.
2. Click on the **CSV Export** button.
3. Choose the place where you want to save the export.
4. Click on **Save**.

You have exported a list of the performed operations.

PUBLIC AND PRIVATE KEYS

Communication between Gargantua servers using server accounts is encrypted.

The objective is to transfer confidential information between two servers, A and B. Each server has two keys: a public key that can be communicated, and a private key that remains secret.

Data transfer takes place as follows:

1. Server B communicates its public key to server A.
2. Server A uses the public key of server B to encrypt a message.
3. Server A delivers the encrypted message to server B.
4. Server B uses its private key to decode the message from server A.

This exchange can also take place in the opposite direction, using the public and private keys from server A.

SYNCHRONIZING TWO GARGANTUA SERVERS

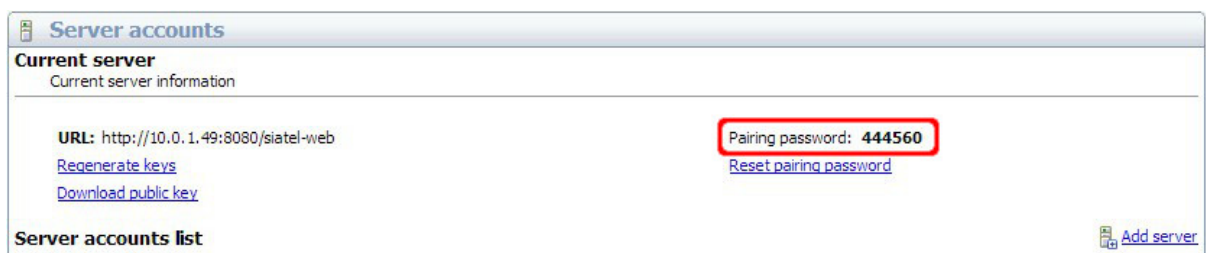
To synchronize your current Gargantua server (server A) with another Gargantua server (server B), proceed as follows.

OBTAINING THE PAIRING PASSWORD

To synchronize two Gargantua servers, you need to know the pairing password of the second Gargantua server (server B).

Proceed as follows:

1. Log in to Gargantua Web Client on server B as Admin.
2. Click on the Gargantua logo in the top left corner of the screen.
3. In the menu that displays, click on **Server configuration**.
4. Go to the  **Server accounts** tab:



5. Write down the pairing password.

You can now use this pairing password to add a server account.

ADDING A SERVER ACCOUNT

Once you have the pairing password, you need to add to your current gargantua server (server A) a server account associated to the second Gargantua server (server B).

Proceed as follows:

1. Log in to Gargantua Administration Tool on server A.
2. In the left pane, click on **Server accounts**.

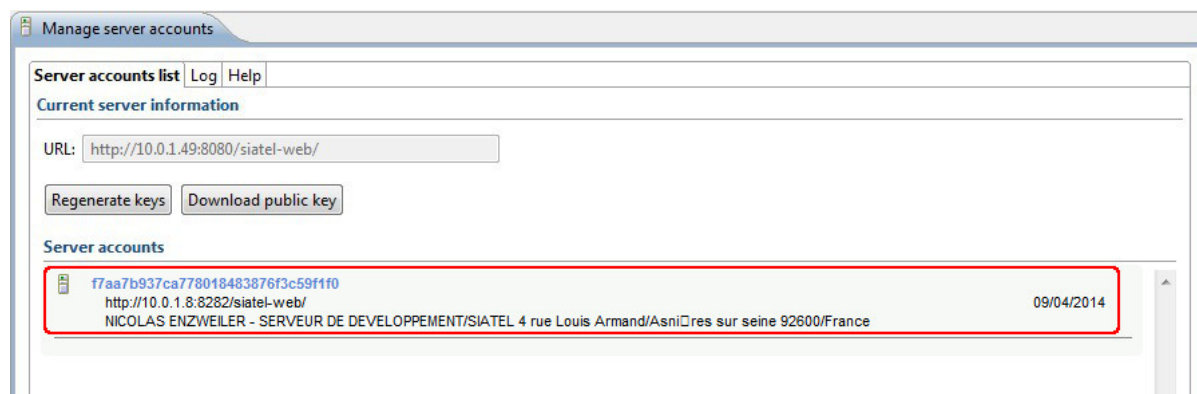
The **Manage server accounts** screen displays in the right pane.

3. Click on the **New** button at the bottom of the right pane.

The **Add server account** dialog displays.

4. In the **URL** field, enter the URL of server B. Its format needs to be **http://IP-adress-or-hostname:port/siatel-web/**.
5. In the **Password** field, enter the pairing password of server B.
6. Click on the **Authenticate** button.

Both servers automatically exchange their public keys. The new server account displays in the list:



Notes:

- Once you have finished the operation, server B will be available in the server account list of server A. Yet, server A will not be available in the server account list of server B. If you want it to be available, repeat the whole operation on server B.
- You can also add a server account using Gargantua Web Client. The server account list is the same in both applications. If you work with both of them, remember to refresh on a regular basis.

USING THE SERVER ID IN A SCRIPT

Once you have added server B to the account servers of server A, you can use the ID of server B in a script.

For more information on how to write process scripts, see the documentation available in the **Scripts** branch of Gargantua Administration Tool.

DOWNLOADING A SERVER PUBLIC KEY

You can, for information purpose, download the public key of a server account.

Proceed as follows:

1. On the left pane of Gargantua Administration Tool, click on **Server accounts**.

The **Manage server accounts** screen displays in the right pane.

2. Select the server of your choice from the server accounts list.
3. Click on the **Download public key** button in the top left corner of the right pane.

The file explorer displays.

4. Browse to the folder where you want to store the key, then click on the **Save** button.

A confirmation message displays, indicating that the key has been downloaded successfully.

DELETING A SERVER ACCOUNT



If a server account is used in a process script that is being executed, you need to keep it to make sure the scripts works properly.

To delete a server account, proceed as follows:

1. In the left pane of Gargantua Administration Tool, click on **Server accounts**.

The **Manage server accounts** screen displays on the right pane.

2. In the server accounts list, select the one you want to delete.
3. Click on the **Delete** button in the bottom left corner of the right pane.

A confirmation message will display.

4. Click on the **Yes** button.

The server account has been deleted.