

[FAQ](#), [BioStar 2](#), [Maria DB](#)

Maria DB Access and Account Configuration

In BioStar 2.4.1, the following security measures will be introduced (2017 Q2):

- External access to Maria DB is blocked by default
- Only Administrator account for Maria DB is the 'root' account

However this setting is not applied automatically if you are upgrading BioStar 2 from another lower version and if you are using any BioStar 2 version lower than 2.4.1

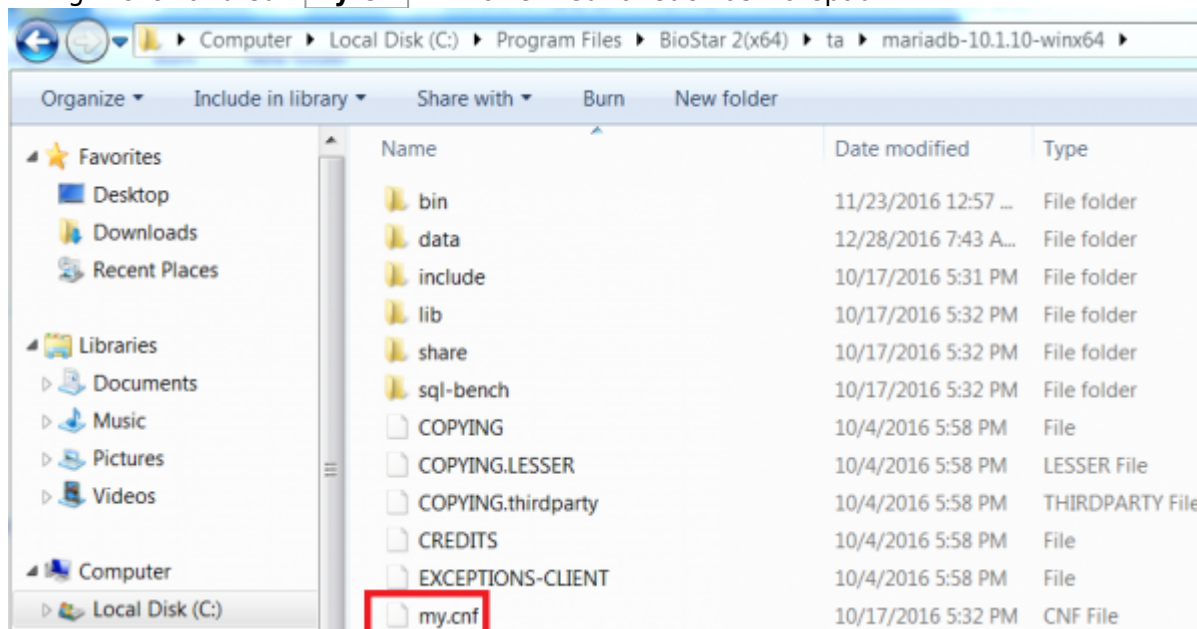
Blocking Remote Access

Maria DB can be accessed via the IP of the hosting PC by default. You may want to limit the access of the database to be only on the hosting PC for security reasons. In that case you can follow the instructions below:

1. Go to the path below in Windows explorer:

C:\Program Files\BioStar 2(x64)\ta\mariadb-10.1.10-winx64

2. Right click and edit **my.cnf** with a text editor such as Notepad.



3. Copy and paste the text below into the file:

bind-address=127.0.0.1

```
[client]
#password      = your_password
# port        = 3312
# socket       = /tmp/mysql.sock

# Here follows entries for some specific programs

# The MariaDB server
[mysqld]
port          = 3312
character-set-server=utf8
collation-server=utf8_unicode_ci
socket        = /tmp/mysql.sock
skip-external-locking
key_buffer_size = 32M
max_allowed_packet = 64M
table_open_cache = 64
sort_buffer_size = 512K
net_buffer_length = 8K
read_buffer_size = 256K
read_rnd_buffer_size = 512K
myisam_sort_buffer_size = 8M
max_connections = 600
log_bin_trust_function_creators = 1
bind-address=127.0.0.1
# lower_case_table_names = 1
# log = C:\\Program Files\\BioStar 2(x64)\\ta\\mariadb-10.1.10-winx64\\log\\db.log
```

4. Save the file.

Now you can only access the Maria database at the hosted PC.

Changing the Default Password

If you install BioStar 2 with the express install, a default administrator account will be created for the AC and TA database. Account information is as shown below:

You must know your root password to change the default administrator password of both databases.

The AC DB is Maria DB starting BioStar 2.3. In previous versions it was a SQLite DB.

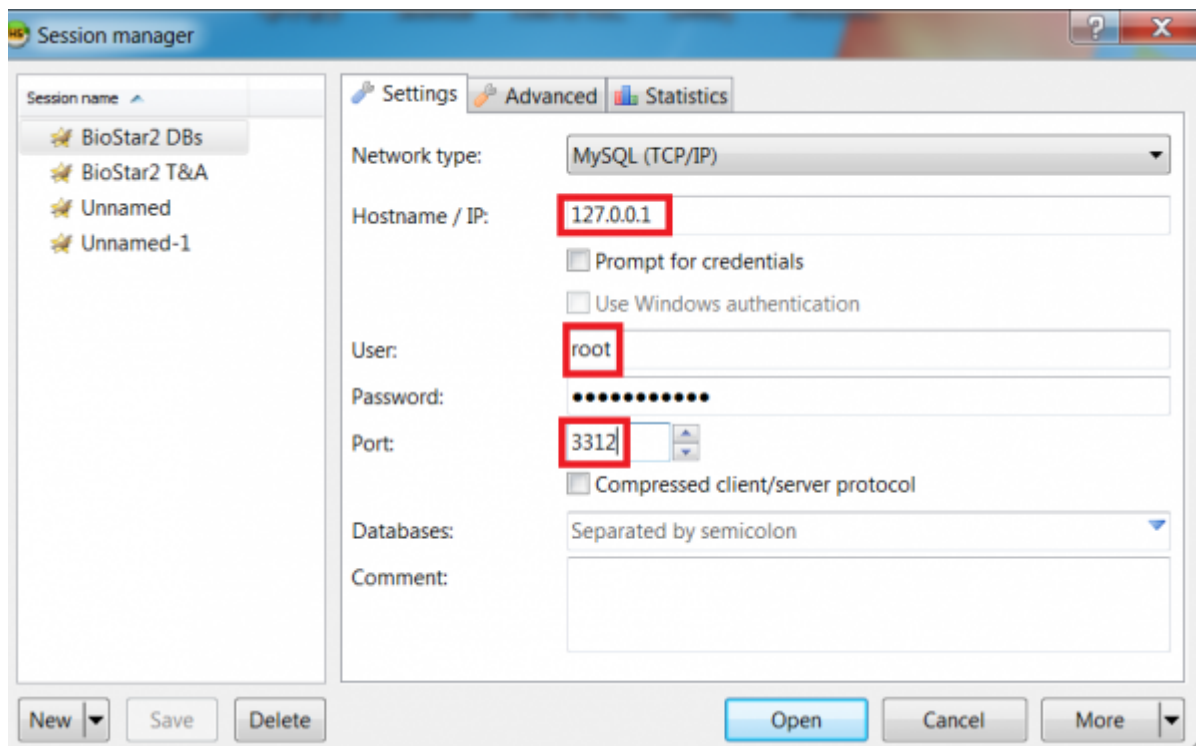
DB: **Biostar2_ac**
ID: biostar2_ac_user
PW: biostar2_ac_pw

DB: **BioStar_tna**
ID: biostartnauser
PW: suprematna123

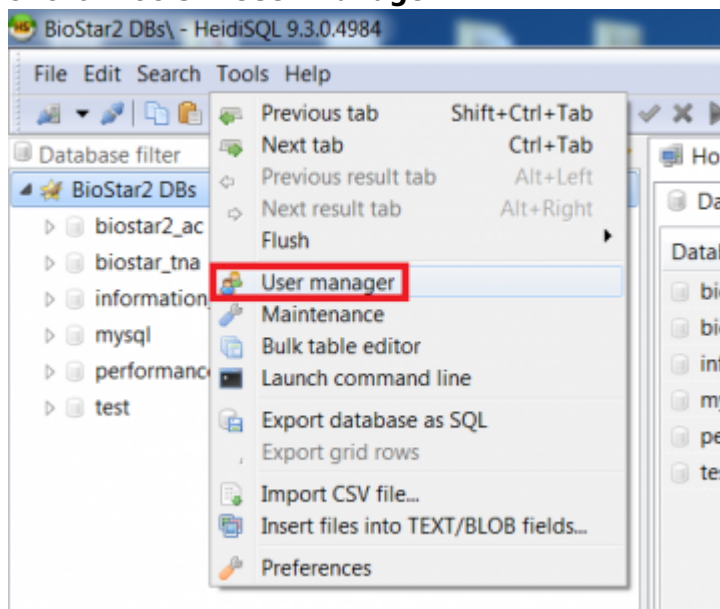
Follow the instructions below to change the password of the default accounts.

1. Download [HeidiSQL](#).
2. Install and run HeidiSQL.
3. Enter the information below on **Settings**:

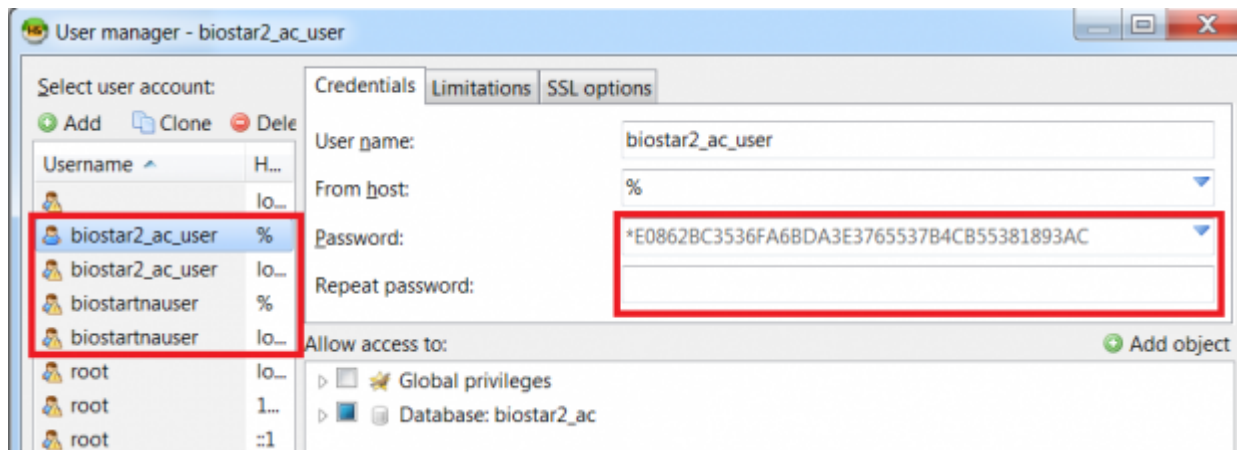
- **Hostname/IP:** 127.0.0.1
- **User:** root
- **Password:** [your root password]
- **Port:** 3312



4. Click **Open**.
5. Click **Tools > User Manager**.



6. Click on each default users (biostar2_ac_user & biostartnauser) and change the password.



7. Click **Save**.

There are 2 accounts for each users to have different passwords based on connection type. Below are what the **Host** type stands for:

- Localhost : connection via 127.0.0.1 or localhost
- % : connection via host PC IP

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Last update: **2017/03/15 11:43**