Deleting entries in the mysql database table serveractivity_logs

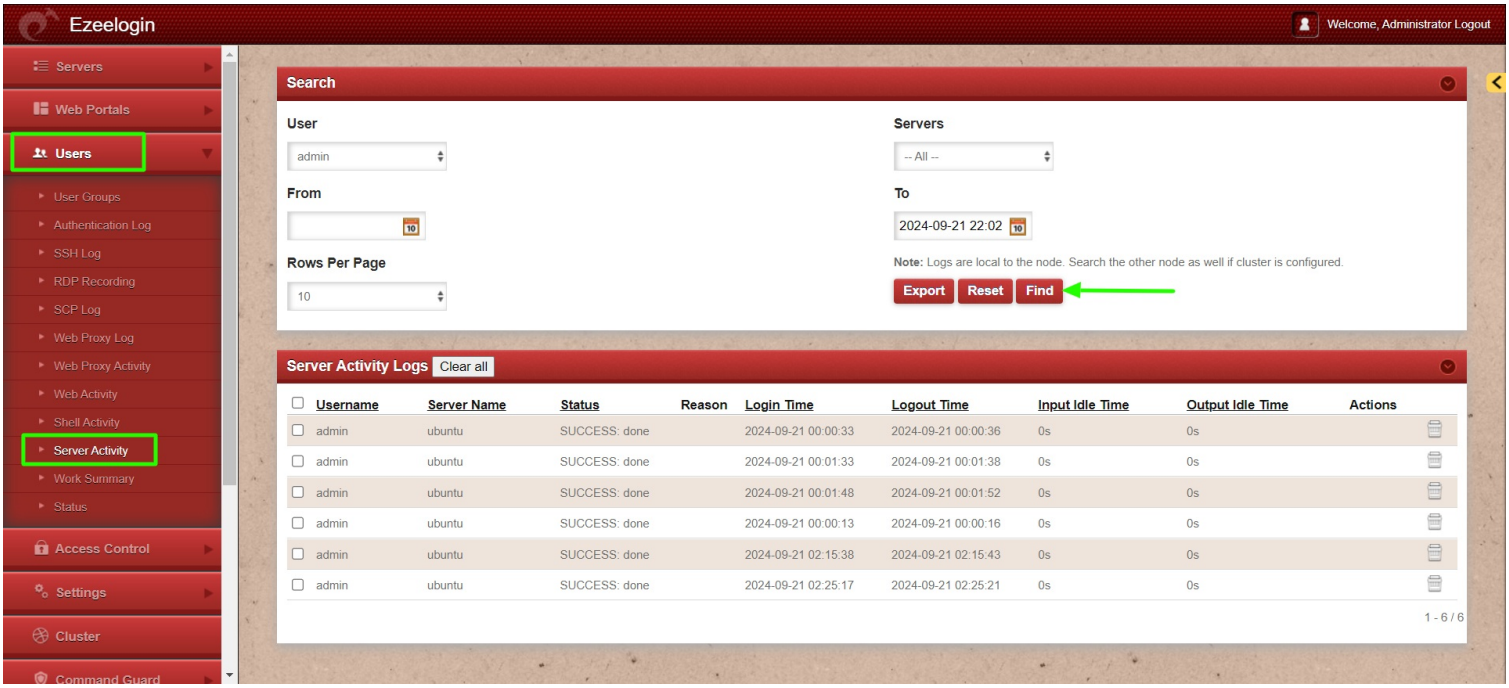
385 admin November 4, 2025 General 7311

How to removing entries from the serveractivity_logs table in MySQL?

Overview: This article explains how to reduce the size of the Ezeelogin **serveractivity_logs** table. Reducing the size of this table is essential as it would cause the Ezeelogin software upgrade to slow down significantly (2-4 hours) because of the huge size of the database table. It also outlines steps for exporting logs for audit purposes, and provides commands for backing up and deleting older entries.

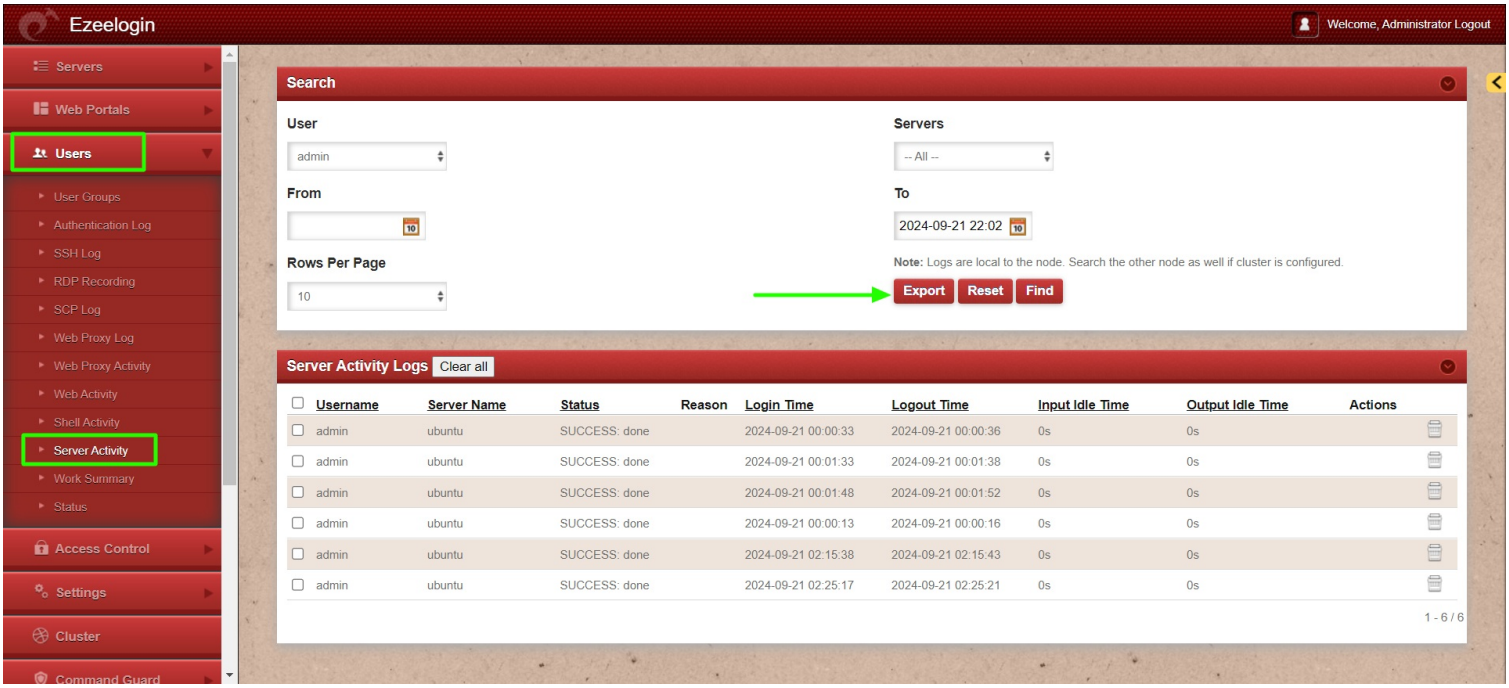
1. View server activity logs

Step 1(A): To view the server activity logs login to Ezeelogin GUI, navigate to **Users** -> **Server Activity** -> **Server Activity Logs**.



2. Export server activity logs

Step 2(A): Before truncating the server activity logs you can export the logs from GUI for audit purposes under **Users** -> **Server Activity** -> **Export**



Generate a mysql dump of the Ezeelogin database or a table dump before you perform the operation in case you need to revert due to any unforeseen reasons. Run below command to take the database dump. Be sure to replace the database name with the actual name found in /usr/local/etc/ezlogin/ez.conf.

```
root@gateway:~# mysqldump ezlogin_wggmp > ezlogin_wggmp.sql
```

3. Truncate server activity logs

Step 3(A): Run the below command to generate a backup of the server activity logs table.

```
root@gateway:~# mysqldump -u root -p $(grep -oP 'db_name\s+\K\S+' /usr/local/etc/ezlogin/ez.conf) $(grep -oP 'db_prefix\s+\K\S+' /usr/local/etc/ezlogin/ez.conf)serveractivity_logs > $(grep -oP 'db_prefix\s+\K\S+' /usr/local/etc/ezlogin/ez.conf)serveractivity_logs_$(date +%Y-%m-%d).sql
```

Step 3(B): After taking backup, run below command to delete the entries in the table serveractivity _logs using the Ezeelogin query runner script.It would remove the entries before the date 2023-01-01 from the logs table

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "delete from prefix_serveractivity_logs where login_time < '2023-01-01'"
```

Step 4: The serveractivity _logs table would looks as follows:

```
MariaDB [ezlogin_wggmp]> desc thwm_serveractivity_logs;

+-----------------+-------------------------------+------+-----+---------------------+-----------------------------+
| Field           | Type                          | Null | Key | Default             | Extra                       |
+-----------------+-------------------------------+------+-----+---------------------+-----------------------------+
| id              | bigint(20) unsigned           | NO   | PRI | NULL                | auto_increment              |
| user_id         | int(10) unsigned              | NO   | MUL | 0                   |                             |
| server_id       | int(10) unsigned              | NO   |     | 0                   |                             |
| gwactivity_id   | int(20) unsigned              | NO   |     | 0                   |                             |
| login_time      | datetime                      | YES  |     | NULL                |                             |
| logout_time     | timestamp                     | NO   |     | current_timestamp() | on update current_timestamp() |
| input_idle_time | int(10) unsigned              | NO   |     | 0                   |                             |
| output_idle_time | int(10) unsigned             | NO   |     | 0                   |                             |
| status          | varchar(100)                  | NO   |     |                     |                             |
| type            | enum('SCP','SHELL','CMD','RDP') | NO |     | SHELL               |                             |
+-----------------+-------------------------------+------+-----+---------------------+-----------------------------+
```

Alternatively, you can remove entries using MySQL commands.

```
MariaDB> use db_name;
```

```
MariaDB [ezlogin_wggmp]> delete from thwm_serveractivity_logs where login_time < '2023-01-01';
Query OK, 235 rows affected (0.009 sec)
```

Related Articles:

Managing and Deleting Log Entries from Database

Deleting entries in the mysql database table gwactivity_logs

How to truncate the ssh session logs recorded

Migrating Ezeelogin database manually when the table size is large for faster Ezeelogin software upgrades

ERROR db sshlogs: Incorrect string value

Online URL: https://www.ezeelogin.com/kb/article/deleting-entries-in-the-mysql-database-table-serveractivity_logs-385.html