Deleting entries from mysql database table authlogs

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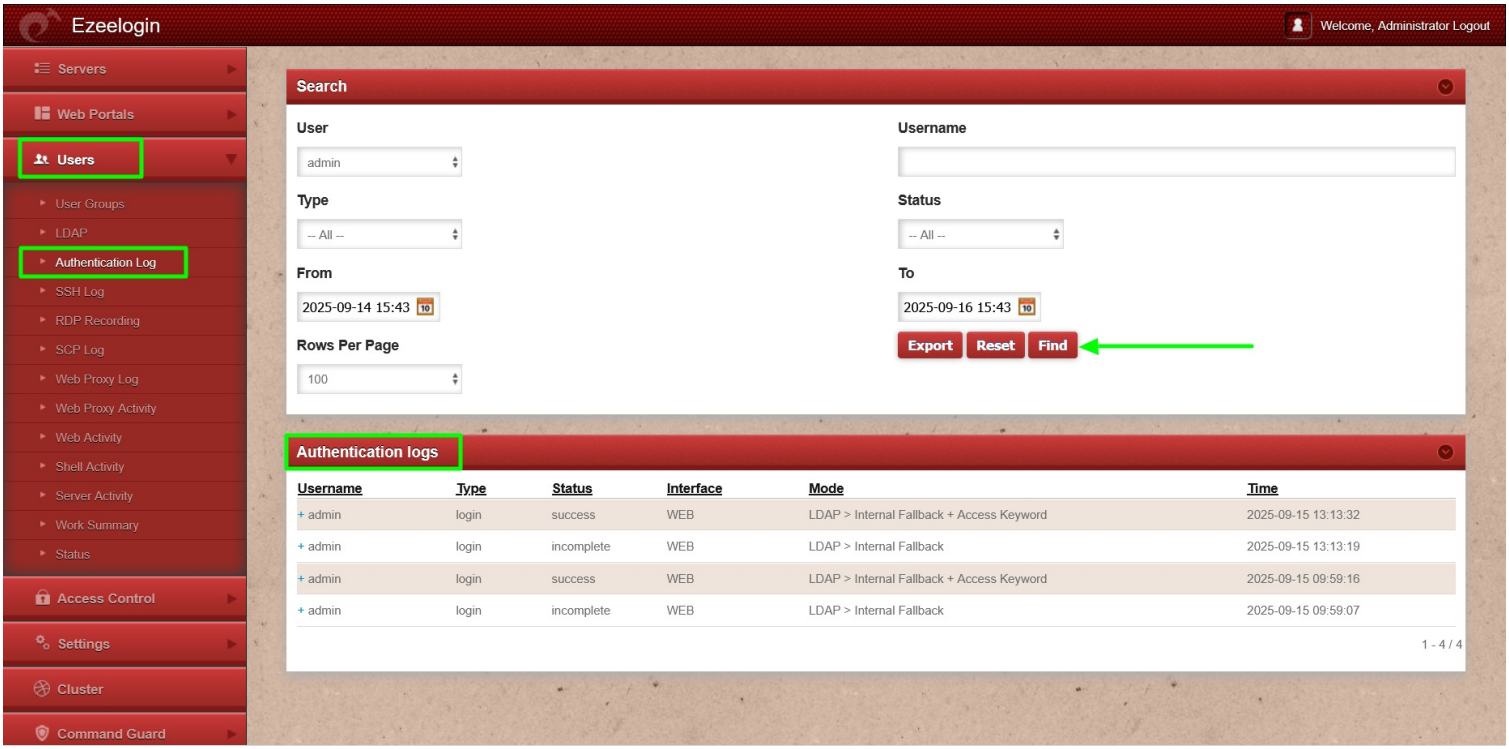
How to remove entries from the authlogs table in a Ezeelogin MySQL database?

Overview: This article explains how to delete entries from Ezeelogin authlogs table. It would be required to reduce the size of the authlogs table as it would cause the Ezeelogin software upgrade to slow down significantly (2-4 hours) because of the huge size of the database table.

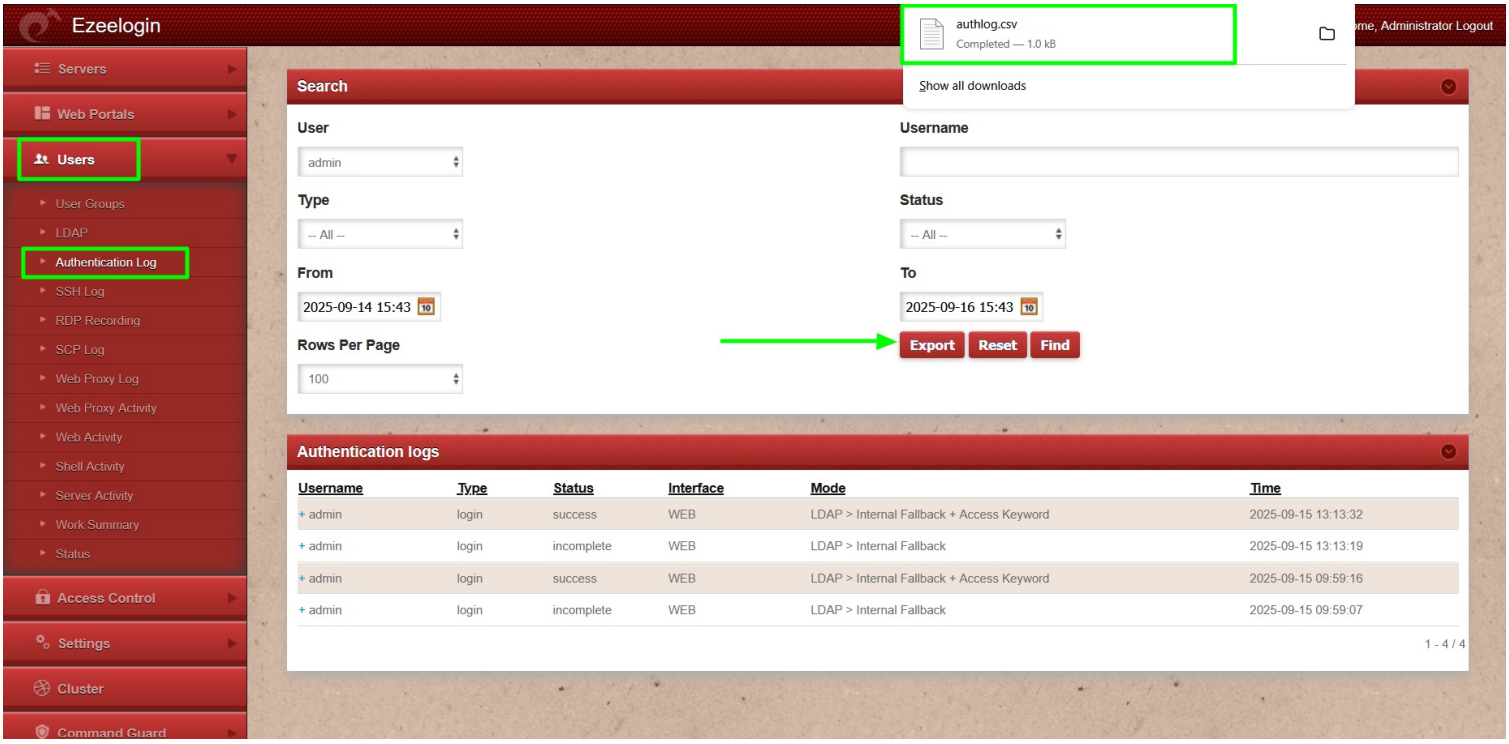
1. View Authentication logs

Step 1(A): To view the webactivity logs login to Ezeelogin GUI, navigate to **Users** -> **Authentication Log**.



2. Export Authentication logs

Step 2(A): Before truncating the authentication logs you can export the logs from GUI for audit purposes under **Users** -> **Authentication Log** -> **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 Authentication logs

Step 3(A): Run the below command to generate a backup of the Authentication 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)authlogs > $(grep -oP 'db_prefix\s+\K\S+' /usr/local/etc/ezlogin/ez.conf)authlogs_$(date +%Y-%m-%d).sql

root@gateway:~# ls
egbleq_authlogs_2025-09-15.sql
```

Run below command to check the row count of authlog table:

```
mysql -u root -p -e "USE $(grep -oP 'db_name\s+\K\S+' /usr/local/etc/ezlogin/ez.conf); SELECT 'authlogs', COUNT(*) FROM $(grep -oP 'db_prefix\s+\K\S+' /usr/local/etc/ezlogin/ez.conf)authlogs;"
Enter password:
+-------------+---------------+
| authlogs  | COUNT(*)  |
+-------------+---------------+
| authlogs  | 538966      |
+-------------+---------------+
```

Step 3(B): After taking backup, run below command to delete the entries in the table authlogs 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_webactivity_logs where created < '2023-01-01' "
```

Step 4: The authlogs table would looks as follows:

MariaDB [(none)]> use db_name;

MariaDB [ezlogin_warme]> desc tabel_prefix_authlogs;

For Example:

MariaDB [(none)]> use **ezlogin_warme**; ----------> replace the **database name** with the actual name found in **/usr/local/etc/ezlogin/ez.conf**.

MariaDB [ezlogin_warme]> desc **egbleq_authlogs**; ----------> replace the **table_prefix** with the actual name found in **/usr/local/etc/ezlogin/ez.conf**.

```
+--------------+-----------------------------------------------------------------+------+-----+---------+----------------+
| Field        | Type                                                            | Null | Key | Default | Extra          |
+--------------+-----------------------------------------------------------------+------+-----+---------+----------------+
| id           | bigint(20) unsigned                                             | NO   | PRI | NULL    | auto_increment |
| uid          | int(10) unsigned                                                | NO   |     | 0       |                |
| username     | varchar(100)                                                    | YES  | MUL | NULL    |                |
| user_id      | int(10) unsigned                                                | NO   | MUL | 0       |                |
| usergroup_id | int(10) unsigned                                                | NO   | MUL | 0       |                |
| email        | varchar(250)                                                    | YES  |     | NULL    |                |
| type         | enum('login','logout')                                          | YES  | MUL | NULL    |                |
| status       | enum('success','fail','incomplete','timeout','web_logout')      | YES  | MUL | NULL    |                |
| reason       | varchar(250)                                                    | YES  |     | NULL    |                |
| interface    | enum('WEB','EZSH')                                              | YES  |     | NULL    |                |
| mode         | varchar(50)                                                     | YES  |     | NULL    |                |
| client_addr  | varchar(60)                                                     | YES  |     | NULL    |                |
| server_addr  | varchar(60)                                                     | YES  |     | NULL    |                |
| node         | enum('primary','secondary','unknown')                           | YES  |     | NULL    |                |
| nodestate    | enum('master','slave')                                          | YES  |     | NULL    |                |
| expiry       | datetime                                                        | YES  |     | NULL    |                |
| created      | datetime                                                        | YES  |     | NULL    |                |
+--------------+-----------------------------------------------------------------+------+-----+---------+----------------+
17 rows in set (0.009 sec)
```

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Deleting entries in the mysql database table gwactivity_logs

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