

Deleting entries from mysql database table authlogs

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**.

The screenshot shows the Ezeelogin GUI. On the left sidebar, 'Users' and 'Authentication Log' are highlighted. The main panel has a 'Search' section with filters for User (admin), Type (All), From (2025-09-14 15:43), and Rows Per Page (100). Below this is the 'Authentication logs' table with columns: Username, Type, Status, Interface, Mode, and Time. The table contains 4 rows of login attempts for 'admin'. A green arrow points to the 'Find' button in the search section.

Username	Type	Status	Interface	Mode	Time
admin	login	success	WEB	LDAP > Internal Fallback + Access Keyword	2025-09-15 13:13:32
admin	login	incomplete	WEB	LDAP > Internal Fallback	2025-09-15 13:13:19
admin	login	success	WEB	LDAP > Internal Fallback + Access Keyword	2025-09-15 09:59:16
admin	login	incomplete	WEB	LDAP > Internal Fallback	2025-09-15 09:59:07

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**

Authentication logs

Username	Type	Status	Interface	Mode	Time
+ admin	login	success	WEB	LDAP > Internal Fallback + Access Keyword	2025-09-15 13:13:32
+ admin	login	incomplete	WEB	LDAP > Internal Fallback	2025-09-15 13:13:19
+ admin	login	success	WEB	LDAP > Internal Fallback + Access Keyword	2025-09-15 09:59:16
+ admin	login	incomplete	WEB	LDAP > Internal Fallback	2025-09-15 09:59:07

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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)
```

Related Articles:

- [Managing and Deleting Log Entries from Database](#)
- [Deleting entries in the mysql database table serveractivity_logs](#)
- [Deleting entries in the mysql database table gwactivity_logs](#)
- [Deleting entries from mysql database table webactivity_logs](#)
- [Truncate the ssh session logs recorded](#)