Basic MySQL commands for troubleshooting database related issues in Ezeelogin

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Basic MySQL commands for troubleshooting database related issues in Ezeelogin

Overview: This article provides a comprehensive guide to essential MySQL commands for troubleshooting and managing the Ezeelogin database, including backup and restore operations, table management, updating specific fields, and resetting fingerprints.

Note: You can get the Ezeelogin **database** and **prefix** from the **/usr/local/etc/ezlogin/ez.conf**.

1.Ezeelogin database backup

```
mysqldump databse_name > database_name_backup.sql -u root -p
```

Example:

```
root@jumpserver:~# mysqldump ezlogin_mbdb > ezlogin_mbdb_backup.sql -u root -p
Enter password:
root@jumpserver:~# ls

root@jumpserver:~# ezlogin_mbdbbackup.sql
```

2. Restore Ezeelogin database

```
mysql -u root -p database_name < /path to database_backup.sql
```

Example:

```
[root@centos ~]# mysql -u root -p
Enter password:
MariaDB [(none)]> create database ezlogin_cdw;
MariaDB [(none)]> exit

[root@centos ~]# ls
ezlogin_cdw.backup
[root@centos ~]# mysql -u root -p ezlogin_cdw < ezlogin_cdw.backup
Enter password:
[root@centos ~]#
```

3. How to take a backup of a table in the Ezeelogin database

```
mysqldump -u <db_username>  -p db_name table_name > table_name.sql
```

Example:

```
[root@centos ~]# mysqldump -u root -p ezlogin_cdw aihh_sshlogs > aihh_sshlogs.backup
Enter password:
[root@centos ~]#
[root@centos ~]# ls
aihh_sshlogs.backup
```

4. How to restore a table in Ezeelogin

```
mysql -u username -p db_name < /path/to/table_name.sql
```

Example:

```
[root@centos ~]# mysql -u root -p ezlogin_cdw < aihh_sshlogs.backup
Enter password:
```

5. To update the specific field in a table to null of the admin user

```
update dbprefix_gwactivity_logs set status="" where id=1;
```

Example:

```
update aihh_gwactivity_logs set status="" where id=1;

Query OK, 1 row affected (0.002 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

6. To reset fingerprint on Ezeelogin:

Note: You can also reset the fingerprint by running : **php /usr/local/ezlogin/ez_queryrunner.php "UPDATE prefix_settings SET value='' WHERE name='local_fp'"**

```
update dbprefix_settings set value="" where name='local_fp';
```

Example:

```
update aihh_settings set value="" where name='local_fp';

Query OK, 1 row affected (0.001 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

7. To check the count of the remote devices in Ezeelogin

```
select count(*) from dbprefix_servers;
```

Example:

```
select count(*) from aihh_servers;

+----------+
| count(*) |
+----------+
| 2        |
+----------+
1 row in set (0.000 sec)
```

8. To display id and the hostname of remote devices in order by name.

```
select id,name from dbprefix_servers order by name;
```

Example:

```
select id,name from aihh_servers order by name;

+----+---------------+
| id | name          |
+----+---------------+
| 1  | centos server |
| 2  | ubuntu server |
+----+---------------+
2 rows in set (0.000 sec)
```

9. Flush Ezeelogin license from database

Note: You can also flush the license from the terminal by the following command: **php /usr/local/ezlogin/ez_queryrunner.php "update prefix_settings set value='' where name='ezlel' "**

```
update dbprefix_settings set value='' where name='ezlel';
```

Example:

```
update aihh_settings set value='' where name='ezlel';

Query OK, 1 row affected (0.001 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

10. To display user details of a particular user in a readable format.

```
select username,status,lpwc_ts,expiry,last_login_at,last_login_from,last_login_type,last_activity from dbprefix_users where username='username'\G;
```

Example:

```
select username,status,lpwc_ts,expiry,last_login_at,last_login_from,last_login_type,last_activity from aihh_users where username='ezadmin'\G;
```

```
*************************** 1. row ***************************
username: ezadmin
status: 1
lpwc_ts: 1633038922
expiry: NULL
last_login_at: 2021-11-07 19:36:43
last_login_from: 192.168.56.1
last_login_type: w
last_activity: 1636313804
1 row in set (0.001 sec)
```

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Online URL: https://www.ezeelogin.com/kb/article/basic-mysql-commands-for-troubleshooting-database-related-issues-in-ezeelogin-467.html