

Deleting entries in the mysql database table serveractivity_logs

385 Vishnupriya March 23, 2021 [General](#) 4133

It would be required to reduce the size of the Ezeelogin mysql database table serveractivity_logs as it would cause the Ezeelogin software upgrade to slow down significantly (2-4 hours) because of the huge size of the database table. The table can be truncated based on the ssh gateway users 'login time' so that the upgrade operations completes quickly.

This data from the serveractivity_logs would be displayed in the GUI under Users->Server Activity->Server Activity Logs as shown.

The screenshot shows the Ezeelogin web interface. On the left is a sidebar menu with categories: Servers, Web Portals, and Users. Under Users, there are sub-items: User Groups, LDAP, SSH Log, RDP Recording, SCP Log, Web Proxy Log, Web Proxy Activity, Web Activity, Shell Activity, Server Activity, and Work Summary. The main content area has a 'Search' section with filters for User (adminn), Servers (All), From (2021-03-01 13:44), To (2021-03-03 13:44), and Rows Per Page (10). Below this is the 'Server Activity Logs' section with a 'Clear all' button and a table of logs. The table has columns: Username, Server Name, Status, IP Address, Login Time, Logout Time, Input Idle Time, Output Idle Time, and Actions. One log entry is visible for user 'adminn' on 'developmentservers.com' with a successful status. At the bottom right of the table, it says '1 - 1 / 1'.

Before truncating the serveractivity_logs you can export the logs from GUI for audit purposes under Users>Server Activity>Export

This screenshot is similar to the first one, but with a green arrow pointing to the 'Export' button in the 'Server Activity Logs' section. The 'Server Activity' item in the left sidebar is highlighted with a green box. The table below shows the same log entry as the first screenshot.

The following command would delete all entries with Login Time before 01 January 2020 from the serveractivity_logs table in the Ezeelogin mysql database.

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.

```
#Determine the Ezeelogin database in use

[root@otp ~]# grep db_name /usr/local/etc/ezlogin/ez.conf

db_name      ezlogin_wggmp

#Generate a backup of the db.

[root@otp ~]# mysqldump ezlogin_wggmp > ezlogin_wggmp.sql

#Generate a backup of the gateway activity logs table.

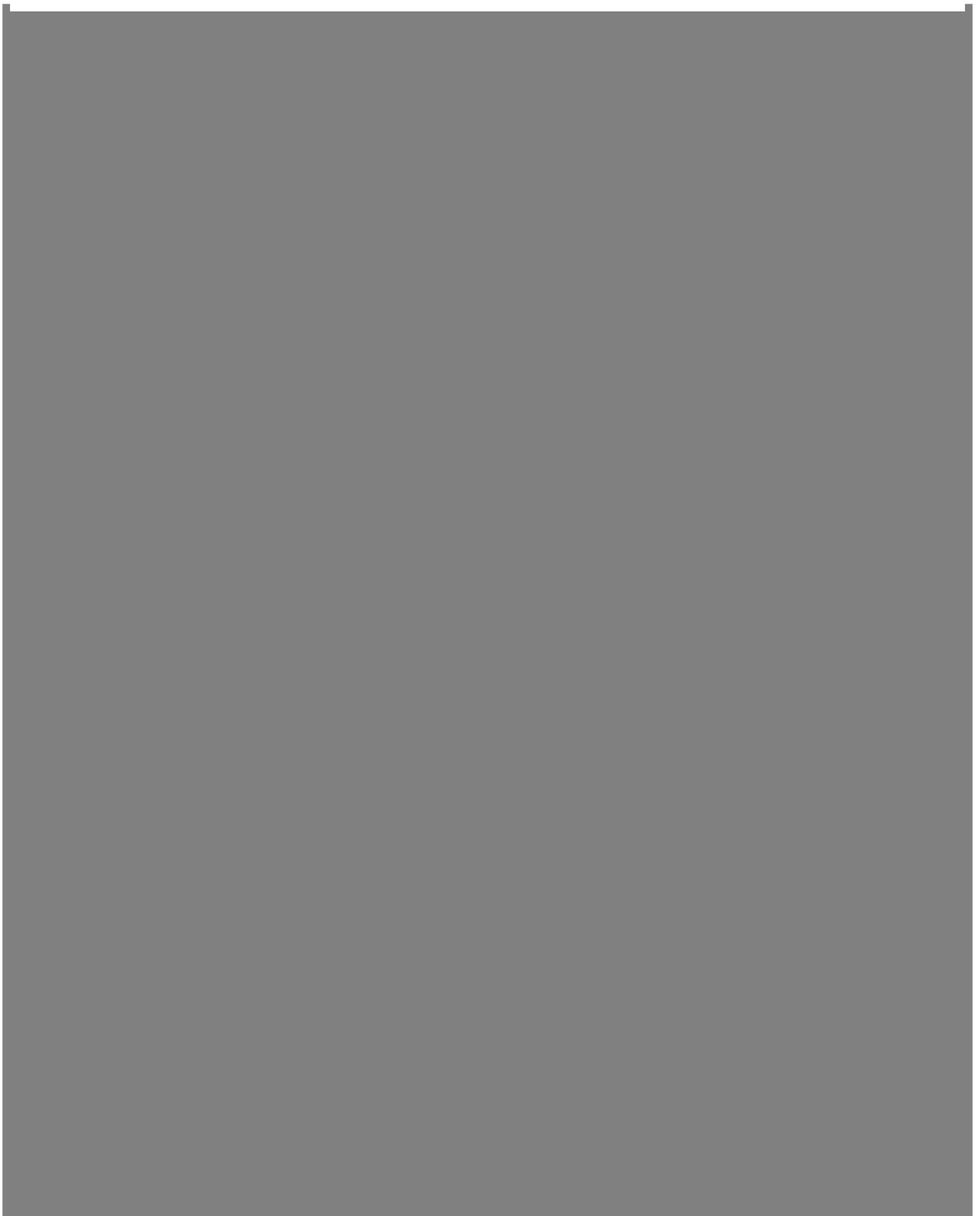
[root@otp ~]# mysqldump ezlogin_wggmp thwm_serveractivity_logs >
ezlogin_wggmp_thwm_serveractivity_logs.sql

#Deleting the entries in the table serveractivity _logs using the
Ezeelogin query runner script.

[root@~gate]# php /usr/local/ezlogin/ez_queryrunner.php "delete
from prefix_serveractivity_logs where login_time < '2020-01-01'"
```

The serveractivity _logs mysql table structure would look as follows.

```
[root@~gate]# MariaDB [ezlogin_wggmp]> desc
thwm_serveractivity_logs;
```



Alternatively, the mysql command to delete the entries based on the user Login Time would be

```
mysql ezlogin_wggmp

Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Welcome to the MariaDB monitor.  Commands end with ; or g.

Your MariaDB connection id is 4241

Server version: 10.4.14-MariaDB MariaDB Server

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or 'h' for help. Type 'c' to clear the current input
statement.

MariaDB [ezlogin_wggmp]>

MariaDB [ezlogin_wggmp]> delete from thwm_serveractivity_logs where
login_time < '2020-01-01';

Query OK, 235 rows affected (0.009 sec)
```

Online URL:

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

