

Deleting entries in the mysql database table gwactivity_logs

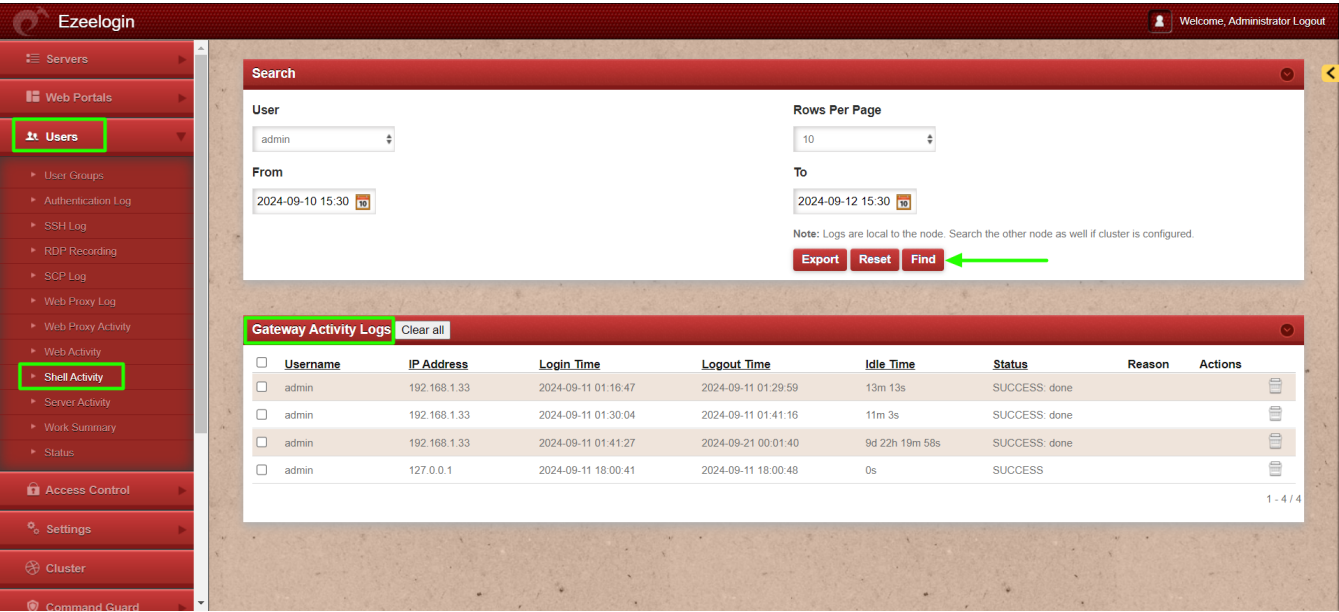
348 admin September 12, 2024 [Features & Functionalities](#), [Security Compliances](#) 3504

Removing entries in the Ezeelogin database table gwactivity_logs for house keeping.

Overview: This article explains how to delete entries from 'gwactivity_logs' table. It would be required to reduce the size of the Ezeelogin MySQL database table **gwactivity_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.

1. View gateway activity logs

Step 1(A): To view the gateway activity logs login to Ezeelogin GUI, navigate to **Users -> [Shell Activity](#) -> Gateway Activity Logs**



2. Export gateway activity logs

Step 2(A): Before truncating the gwactivity_logs export the logs from GUI for audit purposes under **Users -> Shell Activity -> [Export](#)**.

The screenshot shows the Ezeelogin web interface. On the left is a sidebar menu with options like Servers, Web Portals, Users, User Groups, Authentication Log, SSH Log, RDP Recording, SCP Log, Web Proxy Log, Web Proxy Activity, Web Activity, Shell Activity, Server Activity, Work Summary, and Status. The 'Users' and 'Shell Activity' options are highlighted with green boxes. The main content area has a 'Search' section with a 'User' dropdown set to 'admin', a 'Rows Per Page' dropdown set to '10', and a date range 'From' to 'To' set to '2024-07-24 11:22'. Below this is a 'Gateway Activity Logs' section with a 'Clear all' button and a table of logs.

<input type="checkbox"/>	Username	IP Address	Login Time	Logout Time	Idle Time	Status	Reason	Actions
<input type="checkbox"/>	admin	127.0.0.1	2024-07-24 17:30:20	2024-07-24 17:32:26	1m 34s	SUCCESS		
<input type="checkbox"/>	admin	127.0.0.1	2024-07-24 17:33:01	2024-07-24 17:33:05	0s	SUCCESS		

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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 gateway activity logs

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

```
[root@gateway~]# mysqldump -u root -p $(grep -oP 'db_names KS '
/usr/local/etc/ezlogin/ez.conf) $(grep -oP 'db_prefixs KS '
/usr/local/etc/ezlogin/ez.conf)gwactivity_logs > $(grep -oP
'db_prefixs KS '
/usr/local/etc/ezlogin/ez.conf)gwactivity_logs_$(date %Y-%m-%d).sql
```

Step 3(B): After taking backup, run below command to delete the entries in the table gateway activity 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_gwactivity_logs where login_time < '2023-01-01'"
```

Step 4: The gwactivity_logs table structure would look as follows.

```
MariaDB [ezlogin_wggmp]> desc thwm_gwactivity_logs;
```

Field	Type	Null	Key	Default	Extra
id	bigint(20) unsigned	NO	PRI	NULL	auto_increment
user_id	int(10) unsigned	NO		MUL 0	
uid	int(10) unsigned	NO		0	
remote_ip	varchar(45)	NO			
remote_port	char(5)	NO			
local_ip	varchar(45)	NO			
local_port	char(5)	NO			
login_time	datetime	YES		NULL	
logout_time	timestamp	NO		current_timestamp()	on update current_timestamp()
idle_time	int(10) unsigned	NO		0	
remote_time	int(10) unsigned	NO		0	
status	varchar(100)	NO			

Alternatively, you can remove entries using MySQL commands.

```
MariaDB> use db_name;
```

```
MariaDB [ezlogin_wggmp]> delete from thwm_gwactivity_logs where  
login_time < '2023-01-01';
```

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

Related Articles:

[Truncate SSH logs.](#)

[Getting trimmed output in Parallel Shell.](#)

Online URL:

https://www.ezeelogin.com/kb/article/deleting-entries-in-the-mysql-database-table-gwactivity_logs-348.html