

How to delete older call reports

Applies to VoipNow 3 and higher!

In case of intensive incoming and outgoing traffic, depending on the number of calls processed by your server, the `call_history` and `ast_cdr` table might gather millions of records. As a result, the overall performance of the Call Reports page will slow down.

Having SSD harddrives should improve the behavior of the Call Reports page, even though it will also trigger some problems. In this case, the easiest workaround would be deleting records that are older than X months or years.

We recommend that you check your country regulation regarding the mandatory period for keeping call records.

Step-by-step guide

Assuming you are using a CentOS server and your DB credentials on VoipNow credentials are in `/etc/voipnow/sqlldb`, follow the recommendations below.

If you are not sure of what you are doing, it's recommended to do a backup of the `call_history` and `ast_cdr` tables either in a file, or through an import to a different database.

Deleting records older than X years

1. Log in to MySQL with `mysql -u <user> -p<password> voipnow`. The user and password are in the file mentioned above.
2. Then run the following command. It will delete records older than one year. If you want to delete records older than 2 years, replace 1 with 2.

```
DELETE FROM ast_cdr WHERE calldate < DATE_SUB(NOW(), INTERVAL 1 YEAR);  
DELETE FROM call_history WHERE cr_date < DATE_SUB(NOW(), INTERVAL 1 YEAR);
```

3. To exit from MySQL, run:

```
exit;
```

Deleting records older than Y months

1. Log in to MySQL as explained above.
2. Then run the following command. It will delete all records older than 6 months.

```
DELETE FROM ast_cdr WHERE calldate < DATE_SUB(NOW(), INTERVAL 6 MONTH);  
DELETE FROM call_history WHERE cr_date < DATE_SUB(NOW(), INTERVAL 6 MONTH);
```

Related articles

- [Understanding the Call Reports in VoipNow](#)
- [Understanding the differences between a free and a paid channel](#)
- [Troubleshooting calls and debug steps](#)
- [How to use phone number collections in VoipNow](#)
- [How to use Follow-Me](#)